GEOPHYSICAL, GEOCHEMICAL AND PROSPECTING REPORT ON THE JANET, JANET I, BIRDIE LOAD, GOLDEN WOLFE, GOLD, AZLIN, TANIS, PETER ROCK, LONE EAGLE, QUARTZ CREEK, LUKE, MARK, JOHN, ECLIPSE, ANNA, STANDARD AGNES, PIONEER, OYSTER, EVENING STAR, PETRA, ANGUS, CAROL, LINDA MINERAL CLAIMS AND REVERTED CROWN GRANTS

FORT STEELE MINING DIVISION

NTS: 82F/8E,9E

LATITUDE: 49°30'N

LONGITUDE: 116°04'W

on behalf of

GALLANT GOLD MINES LIMITED

BY

D.F. SYMONDS, GEOLOGIST

MONTGOMERY CONSULTANTS LTD.

January 15, 1980

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1.0 INTRODUCTION

This report has been written on behalf of Gallant Gold Mines Limited, of #706-675 West Hastings Street, Vancouver, B.C. on the Perry Creek Gold Prospects, near Cranbrook, B.C. The report is based on field work carried out from October 2 to 30 on the Janet, Janet 1, Birdie Load, Golden Wolfe, Gold, Azlin, Tanis, Peter Rock, Lone Eagle, Quartz Creek, Luke, Mark, John, Eclipse, Anna, Standard, Agnes, Pioneer, Oyster, Evening Star, Petra, Angus, Carol and Linda mineral claims and reverted crown grants situated in the Fort Steele Mining Division.

The report describes geochemical, geophysical and prospecting work carried out in the claim areas, and recommends follow-up work in anomalous areas.

2.0 SUMMARY AND CONCLUSIONS

Gallant Gold Mines Limited of #706-675 West Hastings Street holds title to or has under option a total of 26 claims (117 units or equivalent) in the Perry Creek area near Cranbrook, B.C. The property is about 18.0 kilometers west of Cranbrook in the Moyie Range of the Purcell Mountains.

The area is underlain mainly by quartzites of the Creston formation which are cut by Moyie intrusions, major faults and numerous large quartz veins. The quartz veins and adjacent fault gouge and wall rock are, in places, mineralized with gold associated with pyrite, chalcopyrite, galena and sphalerite. Tungsten has also been found in several localities.

During the period of October 2 to 30, 1979, approximately 32 rock samples and 589 soil samples were taken on the property and analysed for gold (417 soil samples were analysed for silver; the rock samples were also analysed for silver and some rock samples were analysed for tungsten). Prospecting was carried out on parts of the property. EM-16 surveys were carried out on four grid areas on the property.

The result of combining the 1979 data with previous data on the property (see Figure 4) was the detection of several anomalous areas which should be further investigated by trenching and additional sampling.

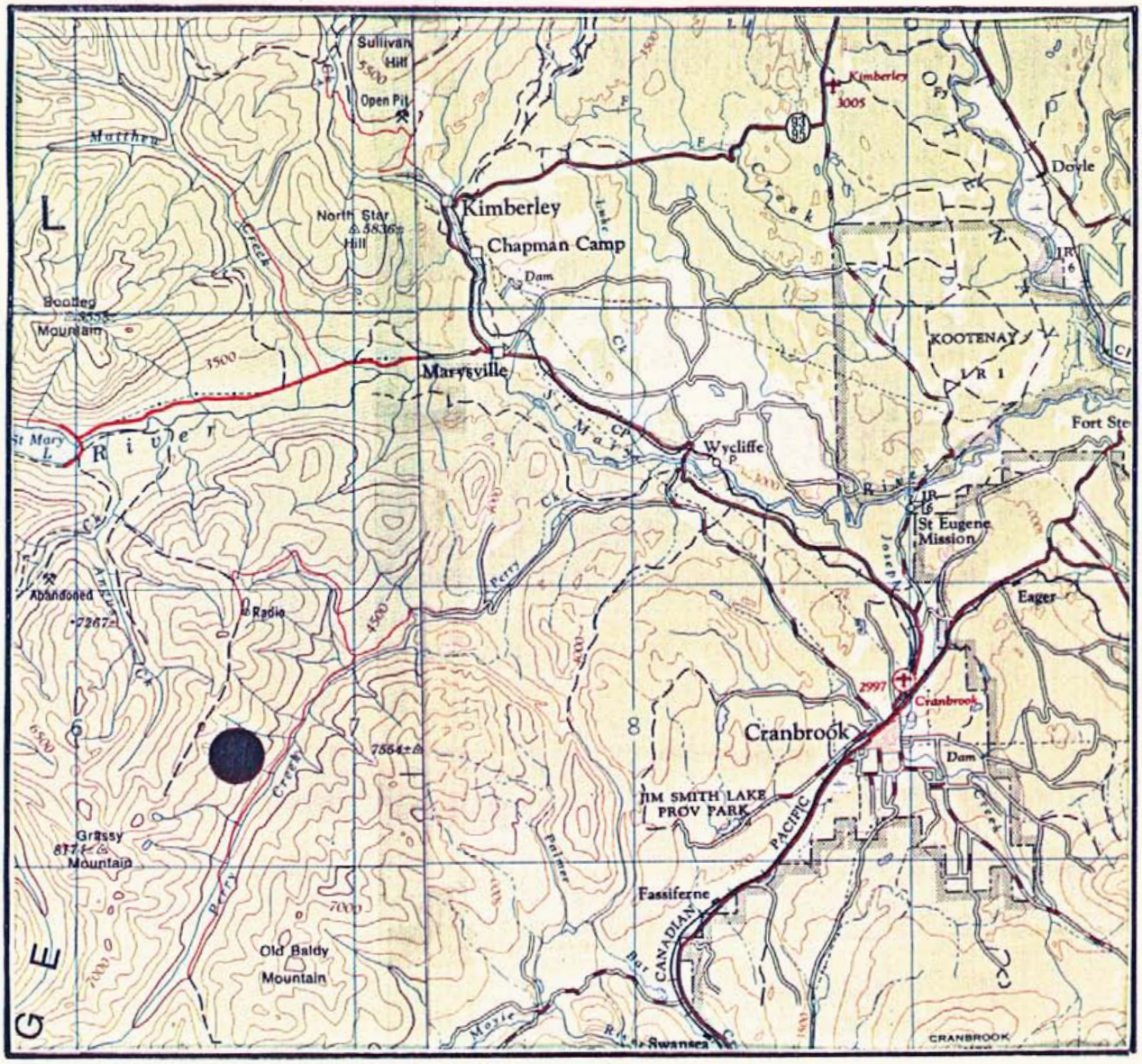

FIGURE 1

LOCATION MAP

PERRY CREEK (CRANBROOK) AREA PROJECT

GALLANT GOLD MINES LIMITED

N

KILOMETERS

0 5 10

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JANUARY 15, 1980

3.0 LOCATION AND ACCESS

The Perry Creek gold prospects are located about 18.0 kilometers south of Kimberly, B.C. and about 18.0 kilometers west of Cranbrook, B.C. (see Figure 1). The claims are situated in the Moyie Range of the Purcell Mountains.

Elevations range from 1,220 meters to 1,980 meters. The country is well-timbered but rises steeply to peaks of about 2,440 meters on either side of Perry Creek.

NTS: 82F/8E,9E

Latitude: 49°30'N

Longitude: 116°05'W

Access to the claim area is generally good. A gravel road leaves the highway about 15.0 kilometers northwest of Cranbrook, B.C., and runs westerly along Perry Creek. A number of logging roads and old pack trails provide access to many of the areas of interest along Perry Creek.

4.0 CLAIM INFORMATION

Gallant Gold Mines Limited, of #706-675 West Hastings Street, Vancouver, B.C. holds title to or has under option 26 claims (117 units or equivalent) all located within the Fort Steele Mining Division of British Columbia. Claim information is listed in the following table. (Note that "Claim Expiry Date" is pending acceptance of this report).

CLAIM NAME	UNITS	RECORD NO.	DATE RECORDED	PREVIOUS EXPIRY DATE	EXPIRY DATE
Azlin	(6)	394 (11)	Nov.16/77	Nov.16/79	Nov. 16/80
Gold	(10)	148 (2)	Feb.4/77	Feb.4/80	Feb. 4/81
Birdie Load	(1)	395 (1)	Nov.16/77	Nov.16/80	Nov. 16/80
Janet	(1)	86 (10)	Oct.22/76	Oct.22/79	Oct. 22/80
Janet 1	(4)	87 (10)	Oct.22/76	Oct.22/79	Oct. 22/80
Golden Wolfe	(4)	396 (11)	Nov.16/77	Nov.16/79	Nov. 16/80
Tanis	(4)	149 (2)	Feb. 4/77	Feb. 4/80	Feb. 4/81
Peter Rock	(9)	397 (11)	Nov.16/77	Nov.16/79	Nov. 16/80
Lone Eagle	(1)	97 (11)	Nov. 4/76	Nov. 4/80	Nov. 4/80
Quartz Creek	(1)	98 (11)	Nov. 4/76	Nov. 4/80	Nov. 4/80
John	(4)	138 (11)	Nov.24/76	Nov.24/79	Nov. 24/80
Mark	(6)	136 (11)	Nov.24/76	Nov.24/79	Nov. 24/80
Luke	(9)	137 (11)	Nov.24/76	Nov.24/79	Nov. 24/80
Eclipse	(1)	343 (11)	Nov. 7/77	Nov. 7/79	Nov. 7/80
Anna	(1)	344 (11)	Nov. 7/77	Nov. 7/79	Nov. 7/80
Standard	(1)	345 (11)	Nov. 7/77	Nov. 7/79	Nov. 7/80
Agnes	(1)	346 (11)	Nov. 7/77	Nov. 7/79	Nov. 7/80
Pioneer	(1)	347 (11)	Nov. 7/77	Nov. 7/79	Nov. 7/80
Oyster	(1)	348 (11)	Nov. 7/77	Nov. 7/79	Nov. 7/80
Evening Star	(1)	349 (11)	Nov. 7/77	Nov. 7/79	Nov. 7/80
Petra 9-15	(7)	799(10)-805(10)	Oct.19/79	Oct.19/80	Oct. 19/80
*Angus 100	(6)	707 (7)	July 10/79	July 10/80	July 10/80
Angus 200	(6)	708 (7)	July 10/79	July 10/80	July 10/80
Angus 300	(15)	709 (7)	July 10/79	July 10/80	July 10/81
Carol 1-8	(8)	817(11)-824(11)	Nov. 5/79	Nov. 5/80	Nov. 5/80
Linda 1-8	(8)	809(11)-816(11)	Nov. 5/79	Nov. 5/80	Nov. 5/80

*Angus 100 (6) apparently overstakes previously located claims, so that it's validity is questionable.

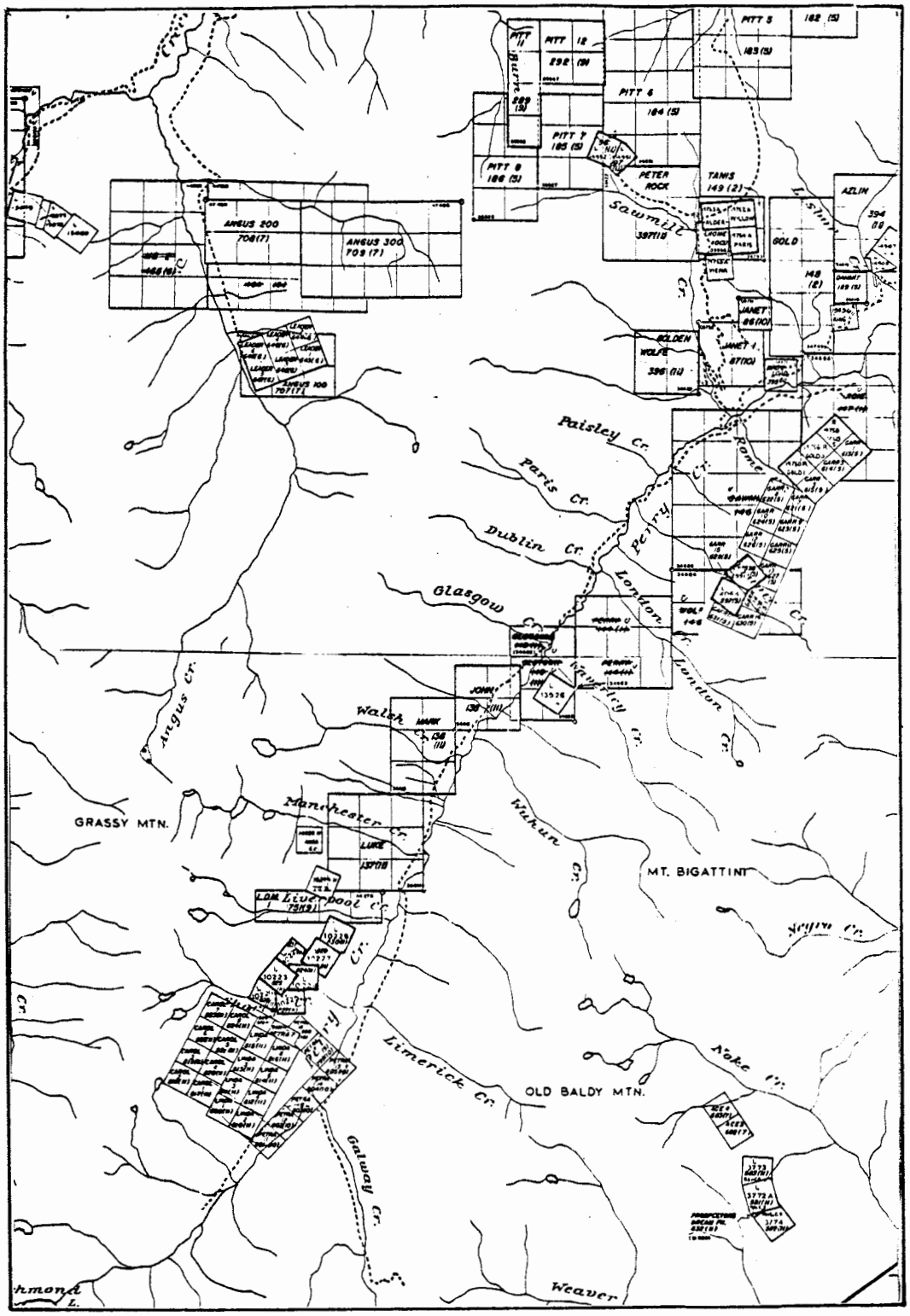

FIGURE 2

N

METERS

0 500 1000 2000 4000

CLAIM MAP PERRY CREEK (CRANBROOK) AREA PROJECT

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5.0 GEOLOGY

5.10 REGIONAL GEOLOGY

The regional geology of part of the claim group has been mapped by G.B. Leech (1952). The relevant portion of this map is reproduced in Figure 3.

The major part of the area is underlain by the Creston formation (Unit 5) and the Kitchener-Siyeh formation (Unit 6). Both formations are of Proterozoic age. The rock units shown in Figure 3 are described by Leech as follows:

UNIT 1 - Aldridge formation (lower division) - rusty-weathering grey quartzite, siltstone and argillite; grey-weathering massive quartzite; metamorphosed equivalents.

UNIT 5 - Creston formation - grey and grey-weathering green, grey and purplish argillaceous quartzite.

UNIT 6 - Kitchener-Siyeh formation - varicoloured argillites and dolomitic argillites, mostly buff and brown-weathering; buff and brown weathering dolomite, commonly sandy.

UNIT 8 - Moyie Intrusions - meta-diorite and meta-quartz diorite.

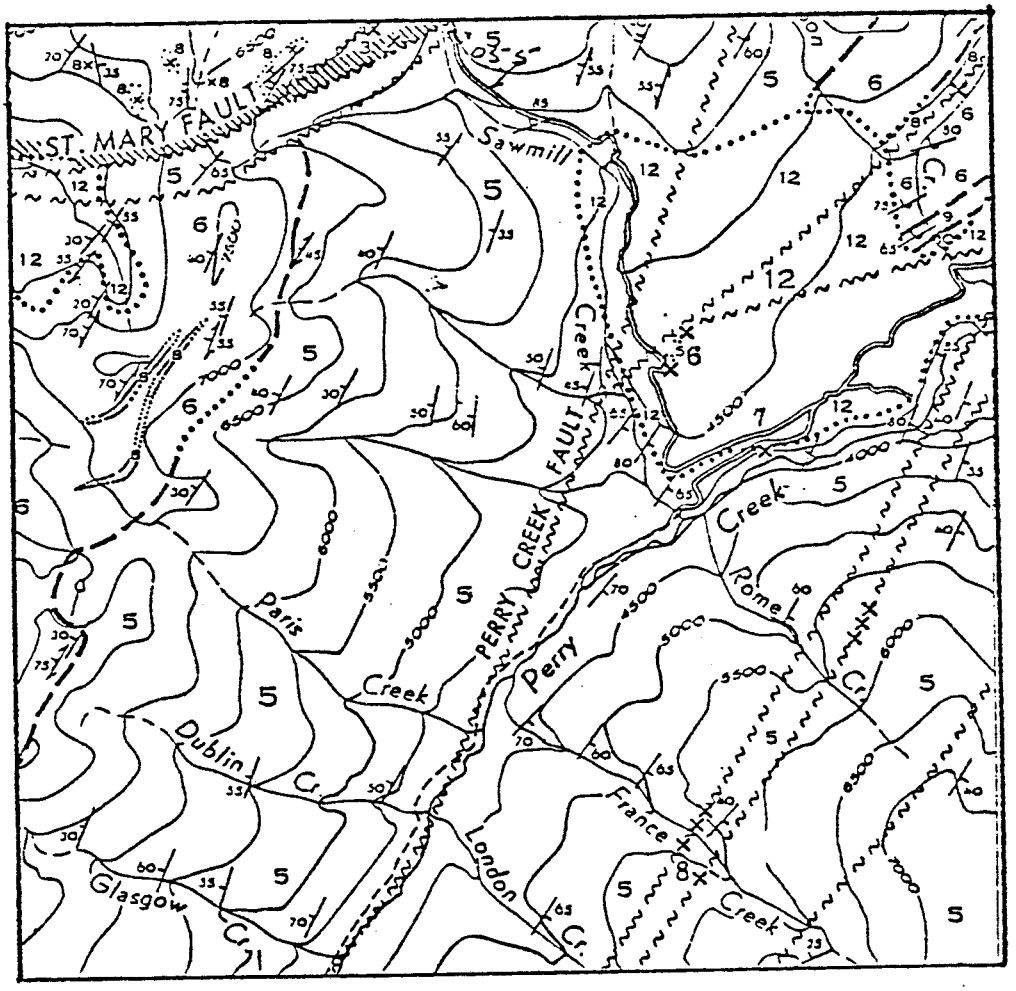

FIGURE 3

REGIONAL GEOLOGY

(AFTER LEECH - 1957)

PERRY CREEK AREA

METERS

0 1000 2000 3000 4000 5000 6000 7000 8000

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5.20 LOCAL GEOLOGY

Claim areas mapped in 1978 (see figure 4) are characterized by greenish phylonites, altered andesites and quartzites. The quartzites are typically light grey and may be banded or laminated.

The phylonites exhibit schistosity which is more or less concordant with the strike of the Perry Creek fault; the average schistosity being approximately 190/060 W.

Quartz veining with minor pyrite in a green phylonite was observed on the crown grants in the south part of the claim area. Other minor quartz stringers and disseminated pyrite were present in many of the observed outcrops.

6.0 SOIL GEOCHEMISTRY

6.10 INTRODUCTION AND GLOBAL STATISTICS

A total of approximately 32 rock samples and 589 soil samples were taken on the property between October 2 and 30, 1979. All of the rock samples and 178 of the soil samples were taken by Gallant Gold Mines Limited personnel. The remaining 411 soil samples were taken by personnel from Montgomery Consultants Limited.

The 411 soil samples taken by personnel from Montgomery Consultants Limited were taken on four grid areas. These grid lines were chained and flagged at 30 meter intervals. (see Figures 5,6,7,8 for results; see Figure 4 for grid locations) Results for the 178 soil samples and 32 rock samples taken by Gallant Gold Mines Limited personnel are shown in Figure 4. The soil samples were taken on lines which were chained and flagged every 100 feet, while the rock samples were taken from favourable-looking zones during the course of prospecting traverses.

Statistical calculations were carried out on individual grid areas and on the 178 soil samples taken on lines. To determine an anomalous threshold for

gold and silver values, all of the soil sample results for 1979 were grouped with the sample results for 1978, which meant that statistics were calculated on 900 gold values and 417 silver values. The results of these calculations are shown below:

SILVER		GOLD
417	NUMBER OF SAMPLES (N)	900
0.657 ppm	MEAN ($\overline{X}$)	8.996 ppb
0.219 ppm	STANDARD DEVIATION	9.435 ppb

Arithmetic histograms for gold and silver were plotted using appropriate bar intervals (see Figures 13 & 14). Gold values followed a log-normal distribution with an anomalous threshold at about 35 ppb. Silver Values followed a normal distribution, with an anomalous threshold at about 1.5 ppm.

6.20 SOIL GEOCHEMISTRY - LISBON GRID

A total of approximately 90 soil samples were taken on the Lisbon grid and analysed for gold and silver (see Figure 4 for grid location and Figure 5 for geochemical results). Statistical results are shown below:

AREA: LISBON GRID

NUMBER OF SAMPLES (N) 90

	GOLD	SILVER
MEAN ($\bar{X}$)	6.667 ppb	0.670 ppm
STANDARD DEVIATION	4.497 ppb	0.141 ppm

None of the gold or silver values in this area appeared to be anomalous (i.e. greater than 1.5 ppm silver or 35 ppb gold).

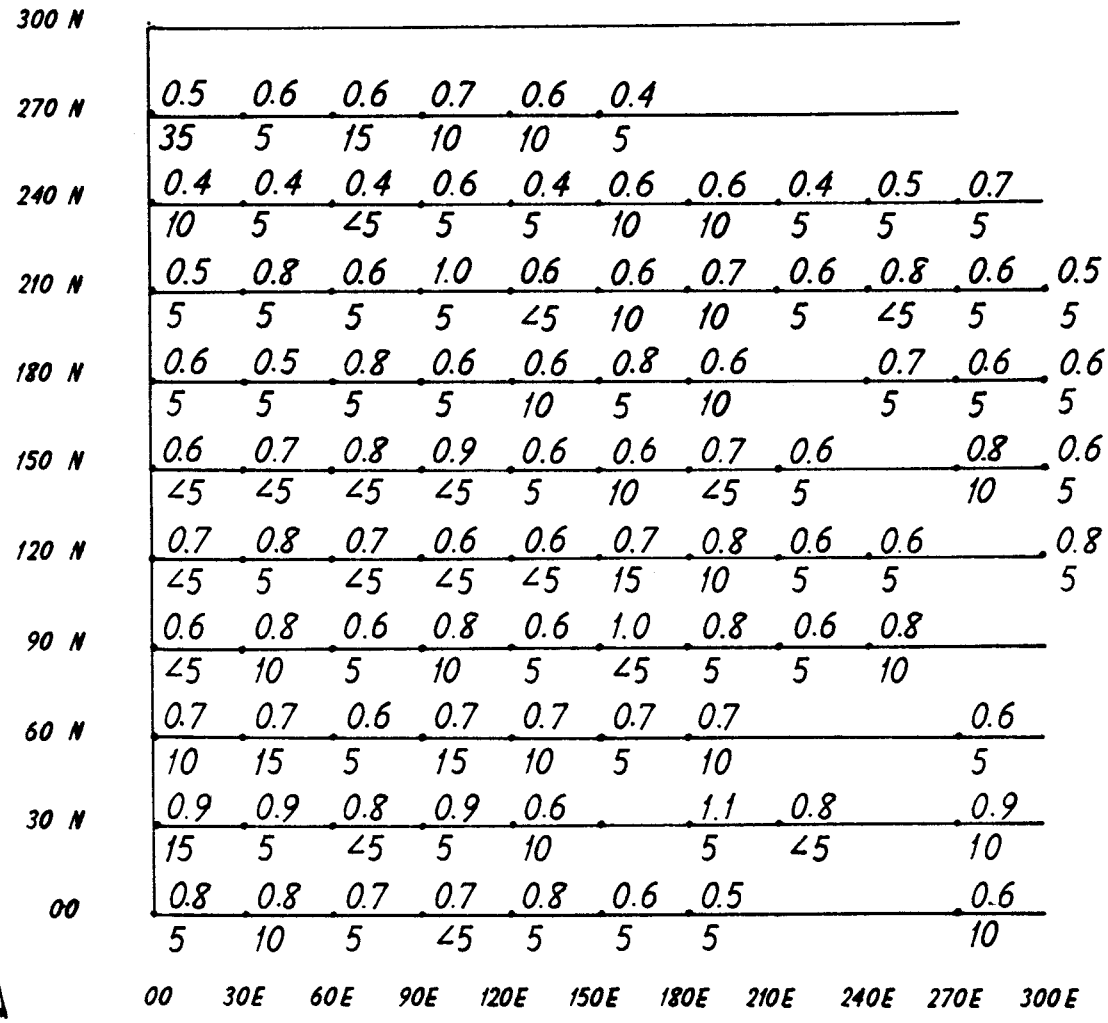
LISBON GRID

PERRY CREEK (CRANBROOK) AREA PROJECT

SOIL GEOCHEMISTRY : GOLD & SILVER

FIGURE 5

0.6 SILVER IN SOIL (PPM)
15 GOLD IN SOIL (PPB)



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6.30 SOIL GEOCHEMISTRY - ANGUS GRID

A total of approximately 84 soil samples were taken on the Angus grid and analysed for gold and silver (see Figure 4 for grid location and Figure 6 for geochemical results). Statistical results are shown below:

AREA: ANGUS GRID

NUMBER OF SAMPLES (N) 84

	GOLD	SILVER
MEAN ($\bar{X}$)	5.804 ppb	.798 ppm
STANDARD DEVIATION	3.180 ppb	.272 ppm

None of the gold or silver values in this area appeared to be anomalous (i.e. greater than 1.5 ppm silver or 35 ppb gold).

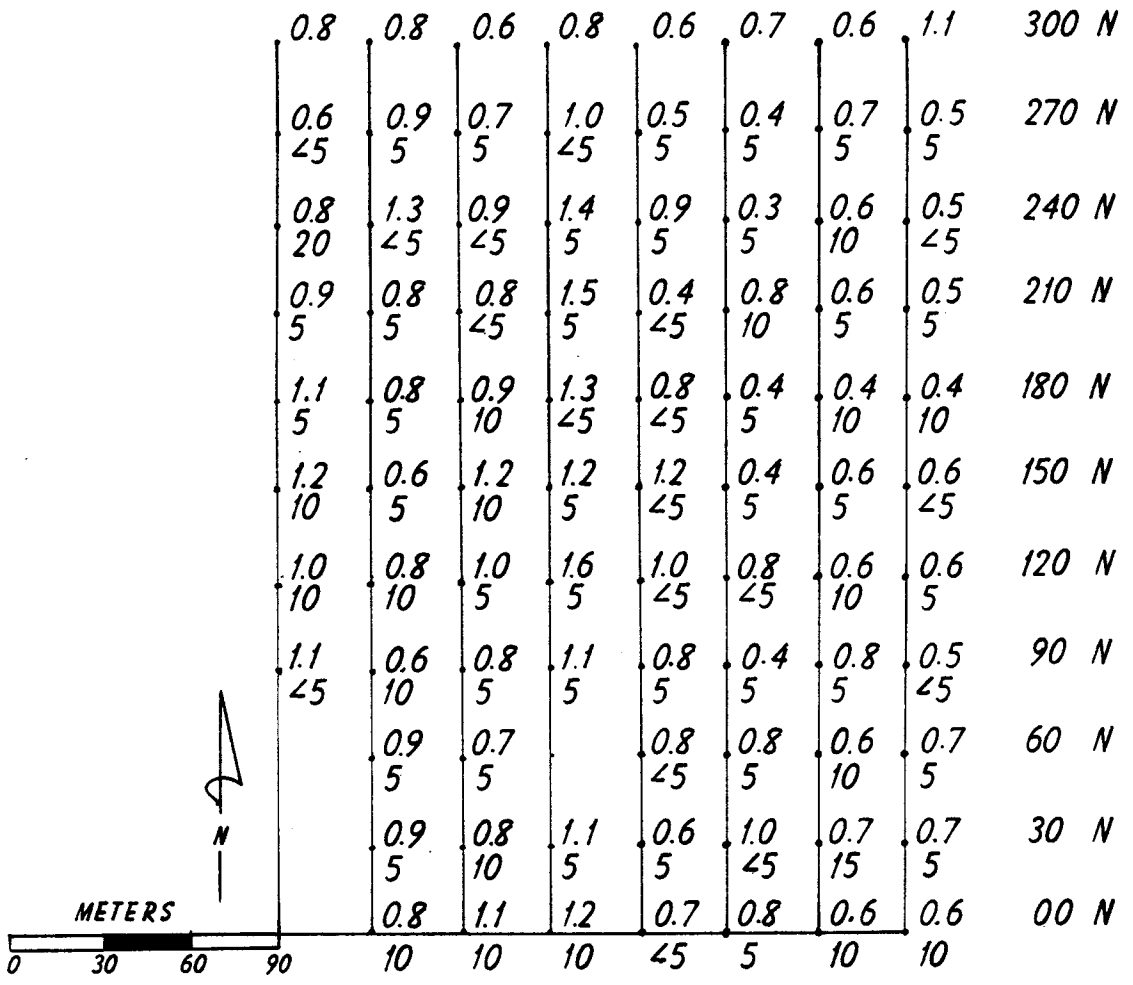
ANGUS GRID

PERRY CREEK (CRANBROOK) AREA PROJECT

SOIL GEOCHEMISTRY: SILVER & GOLD

FIGURE 6

• 0.6 SILVER IN SOIL (PPM)
15 GOLD IN SOIL (PPB)



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6.40 SOIL GEOCHEMISTRY - SAWMILL GRID

A total of approximately 136 soil samples were taken and analysed for gold and silver (see Figure 4 for grid location and Figure 7 for geochemical results). Statistical results are shown below:

AREA: SAWMILL GRID

NUMBER OF SAMPLES (N) 136

	GOLD	SILVER
MEAN ($\bar{X}$)	7.744 ppb	.536 ppm
STANDARD DEVIATION	6.692 ppb	.173 ppm

None of the silver values appeared to be anomalous (i.e. greater than 1.5 ppm) Four of the gold values were greater than 35 ppb. These values were 290, 40, 3450 and 520 ppb.

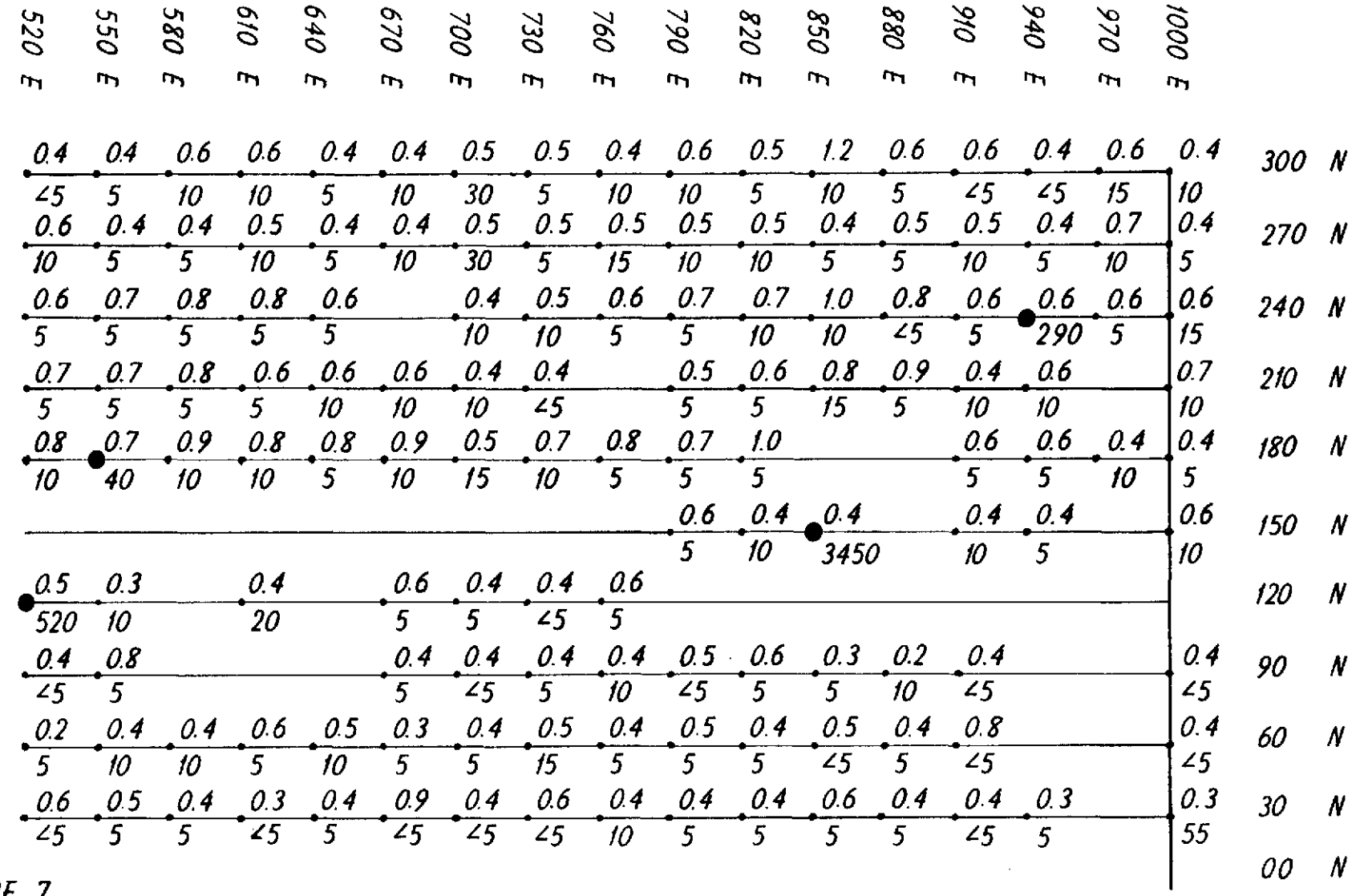

FIGURE 7

SOIL GEOCHEMISTRY : SILVER & GOLD

SAWMILL GRID

PERRY CREEK (CRANBROOK) AREA PROJECT

GALLANT GOLD MINES LIMITED

0.6 SILVER IN SOIL (PPM)

15 GOLD IN SOIL (PPB)

ANOMALOUS GOLD IN SOIL (≥ 35 PPB)

0 30 60 90 METERS

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6.50 SOIL GEOCHEMISTRY - QUARTZ MOUNTAIN GRID

A total of approximately 107 samples were taken and analysed for gold and silver (see Figure 4 for grid location and Figure 8 for sample results). Statistical results are shown below:

AREA: QUARTZ MOUNTAIN GRID

NUMBER OF SAMPLES (N) 107

	GOLD	SILVER
MEAN ($\bar{X}$)	12.548 ppb	.688 ppm
STANDARD DEVIATION	15.700 ppb	.201 ppm

None of the silver values appeared to be anomalous (I.E. greater than 1.5 ppm). Ten of the gold values were greater than 35 ppb. These values were 45, 60, 45, 40, 45, 125, 80, 80, 110, 60, 45, 1300 ppb.

QUARTZ MOUNTAIN GRID

PERRY CREEK (CRANBROOK) AREA PROJECT

SOIL GEOCHEMISTRY : SILVER & GOLD

0.6 SILVER IN SOIL (PPM)
15 GOLD IN SOIL (PPB)

● ANOMALOUS GOLD IN SOIL (≥ 35 PPB)

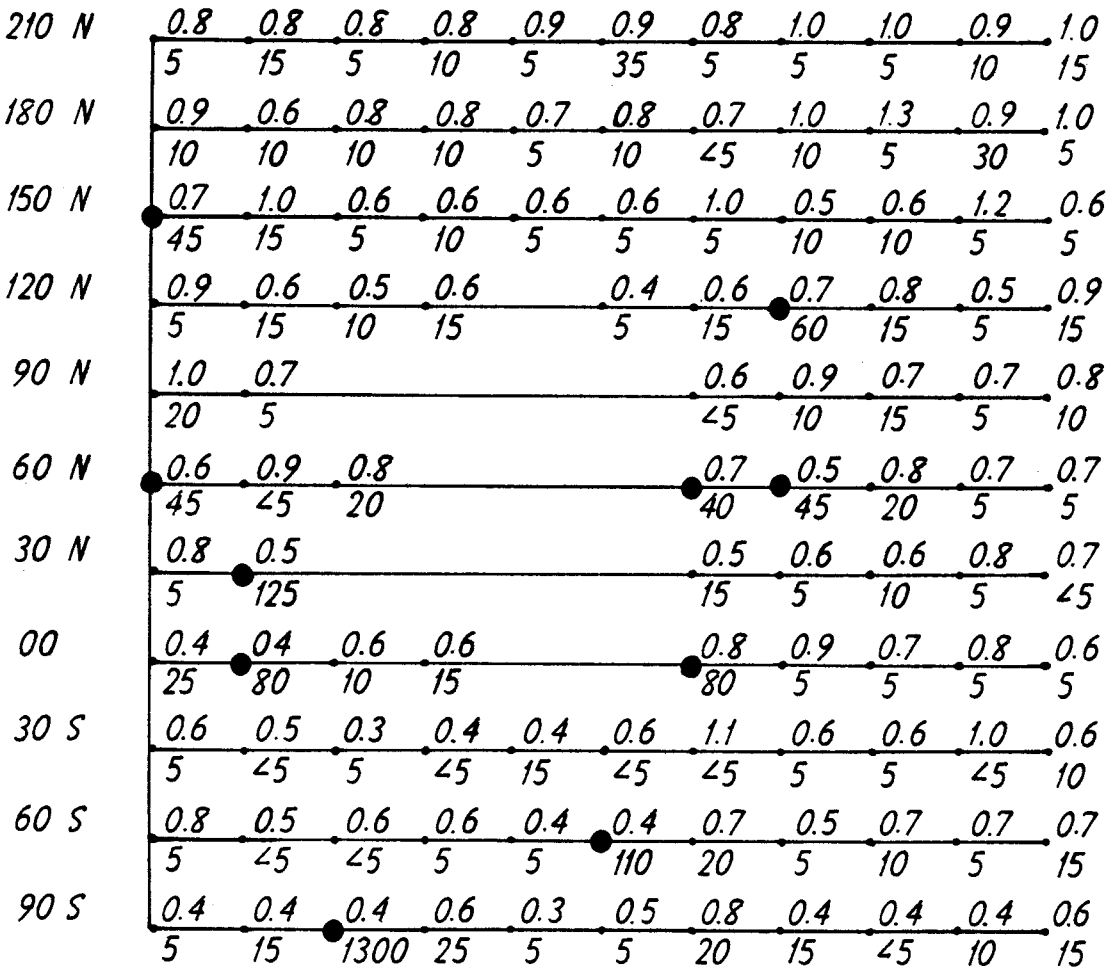

FIGURE 8

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6.60 SOIL GEOCHEMISTRY - MARK, LUKE, & JOHN CLAIM AREAS

A total of approximately 178 soil samples were taken in these areas by personnel from Gallant Gold Mines Ltd. and analysed for gold only. (see Figure 4 for sample results and locations). Statistical results are shown below:

AREA: MARK, LUKE & JOHN CLAIMS

NUMBER OF SAMPLES	178
	GOLD
MEAN ($\bar{X}$)	7.697 ppb
STANDARD DEVIATION	6.725 ppb

Six of the gold values were greater than 35 ppb. These values were 300, 60, 120, 40, 40 and 180 ppb.

7.0 PROSPECTING

The area which includes the PETRA, CAROL, LINDA, ECLIPSE, ANNA, STANDARD, AGNES, PIONEER, OYSTER, EVENING STAR, LUKE, MARK AND JOHN CLAIMS was prospected by D. Reinke of Gallant Gold Mines Limited (see Figure 4).

A total of 32 rock samples were taken on the above claims. Results are shown below:

SAMPLE	# TYPE	DESCRIPTION	Ag oz/ton	Au oz/ton	WO_3%
3376B	4' chip	sedimentary rock with pyrite	0.46	0.003	---
3377B	grab	sedimentary rock; slightly rusty	0.01	<0.003	---
3378B	25' chip; quartz vein	big ledge	0.01	<0.003	---
3379B	10' chip; quartz vein	upper ledge	0.01	<0.003	---
3380B	grab	lower ledge; quartz & altered wall rock; lower pit	0.01	<0.003	---
3381B	grab	lower ledge; quartz & altered wall rock; upper pit	0.01	<0.003	---
3382B	grab	2 or 3 parallel 5' quartz veins	0.01	<0.003	---
3383B	grab	quartz from shaft dump	0.01	<0.003	---
3384B	grab	"miner's porphyry" from shaft dump	0.14	0.086	---
3385B	grab	"miner's porphyry" from adit dump	0.01	<0.003	---
3386B	grab	quartz from adit dump	0.01	<0.003	---
3387B	grab	quartz from trench	0.01	<0.003	---
3388B	grab	"miner's porphyry" from trench	0.01	<0.003	---
6258B	chip; 1' quartz vein	small amount of chal-copyrite	0.20	0.010	---
6259B	chip; 3' quartz vein		0.08	0.005	---
6260B	chip; 3' quartz vein		0.10	0.003	---
6261B	chip; 1' quartz vein	in fault zone	0.08	0.003	---
6262B	chip; 2' quartz vein	in fault zone	0.06	<0.003	---
6263B	1' chip	north side of quartz vein, at contact with dyke	0.10	0.014	---

SAMPLE	# TYPE	DESCRIPTION	Ag oz/ton	Au oz/ton	WO_3%
6264B	1' chip	dyke rock at contact with quartz vein	0.10	<0.003	---
6265B	8' chip	dyke rock north of quartz vein	0.02	<0.003	---
6266B	6' chip; quartz vein	north side of 35' quartz vein	0.14	<0.003	0.02
6267B	27' chip; quartz vein	talus, south side of 35' quartz vein	0.08	<0.003	0.02
6268B	7' chip; quartz vein		0.08	<0.003	---
6269B	grab	dyke rock, contact on north side of quartz vein	0.06	<0.003	---
6270B	11' chip; quartz vein		0.08	<0.003	---
6271B	1½' chip	wall rock, west side of vein	0.08	<0.003	---
6272B	grab	large quartz outcrop 40' x 45'	0.06	<0.003	---
6273B	grab	quartz from adit dump	0.04	<0.003	---
6274B	grab	dyke	0.08	<0.003	---
6275B	grab		0.04	<0.003	---

Sample results were uniformly low, both in silver and gold content.

Prospecting in the area mentioned above resulted in the mapping-in of many physical features on the property, such as trenches, adits, shafts, quartz veins etc. (see Figure 4).

8.0 EM-16 SURVEYS

8.10 INTRODUCTION

EM-16 surveys were carried out on the Lisbon, Angus, Sawmill and Quartz Mountain grid areas. Readings were taken every 30 meters using the Seattle, Washington transmitter. The operator faced south for all of the readings. The data was filtered using the "Fraser Filter" method to give positive crossovers.

8.20 EM-16 SURVEY - LISBON GRID

Figure 9 illustrates the filtered EM-16 data for the Lisbon grid. A weak crossover is present in the northeast corner of the grid, with a high of +18. This anomalous area could represent a minor structural feature.

8.30 EM-16 SURVEY - ANGUS GRID

Figure 10 illustrates the filtered EM-16 data for the Lisbon grid. A relatively strong crossover cuts the grid from its northeast corner to its southwest corner. This anomalous area could represent a structural feature, such as a contact fault, or shear zone.

CONTOUR MAP OF FILTERED EM-16 DATA

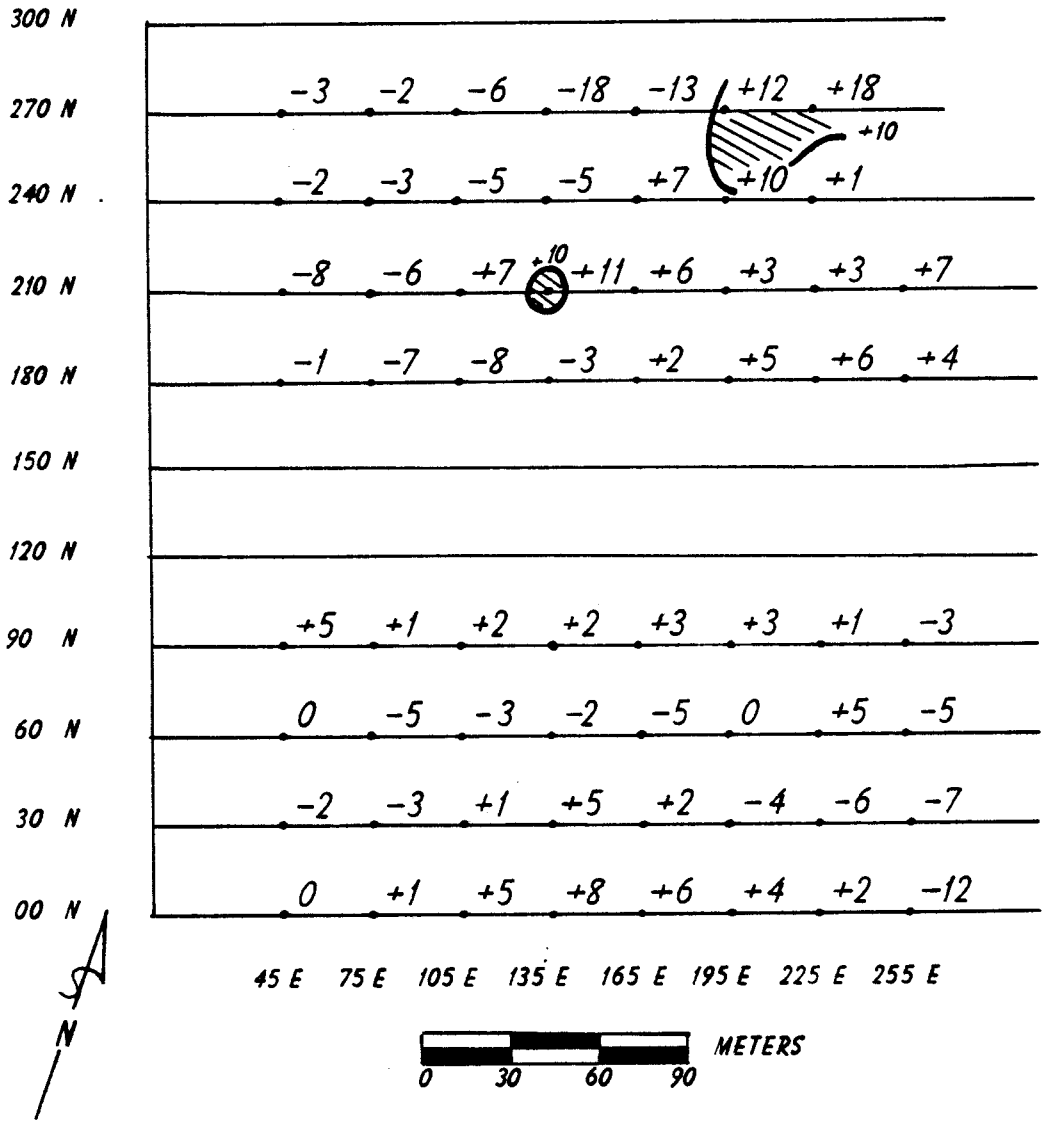
LISBON GRID

FIGURE 9

GALLANT GOLD MINES LTD.
PERRY CREEK (CRANBROOK) AREA PROJECT

FILTERED EM-16 DATA
(FRASER FILTER METHOD; FILTERED EAST TO WEST;
OPERATOR FACES SOUTH; SEATTLE TRANSMITTER)

+30



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CONTOUR MAP OF FILTERED EM-16 DATA

ANGUS GRID

•+30 FILTERED EM-16 DATA
(FRASER FILTER METHOD; FILTERED EAST TO WEST;
OPERATOR FACES SOUTH; SEATTLE TRANSMITTER)

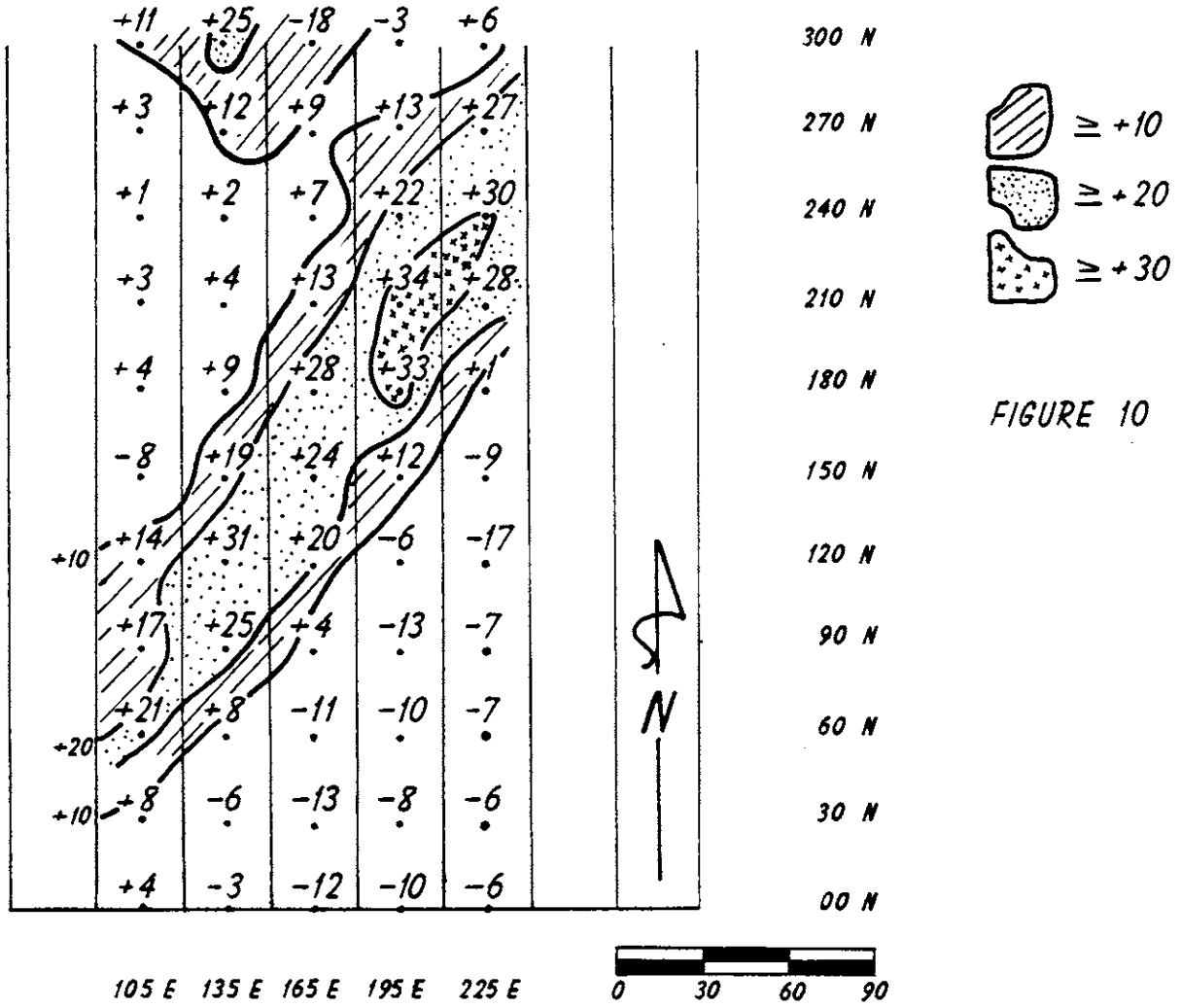


FIGURE 10

GALLANT GOLD MINES LIMITED
PERRY CREEK (CRANBROOK) AREA PROJECT

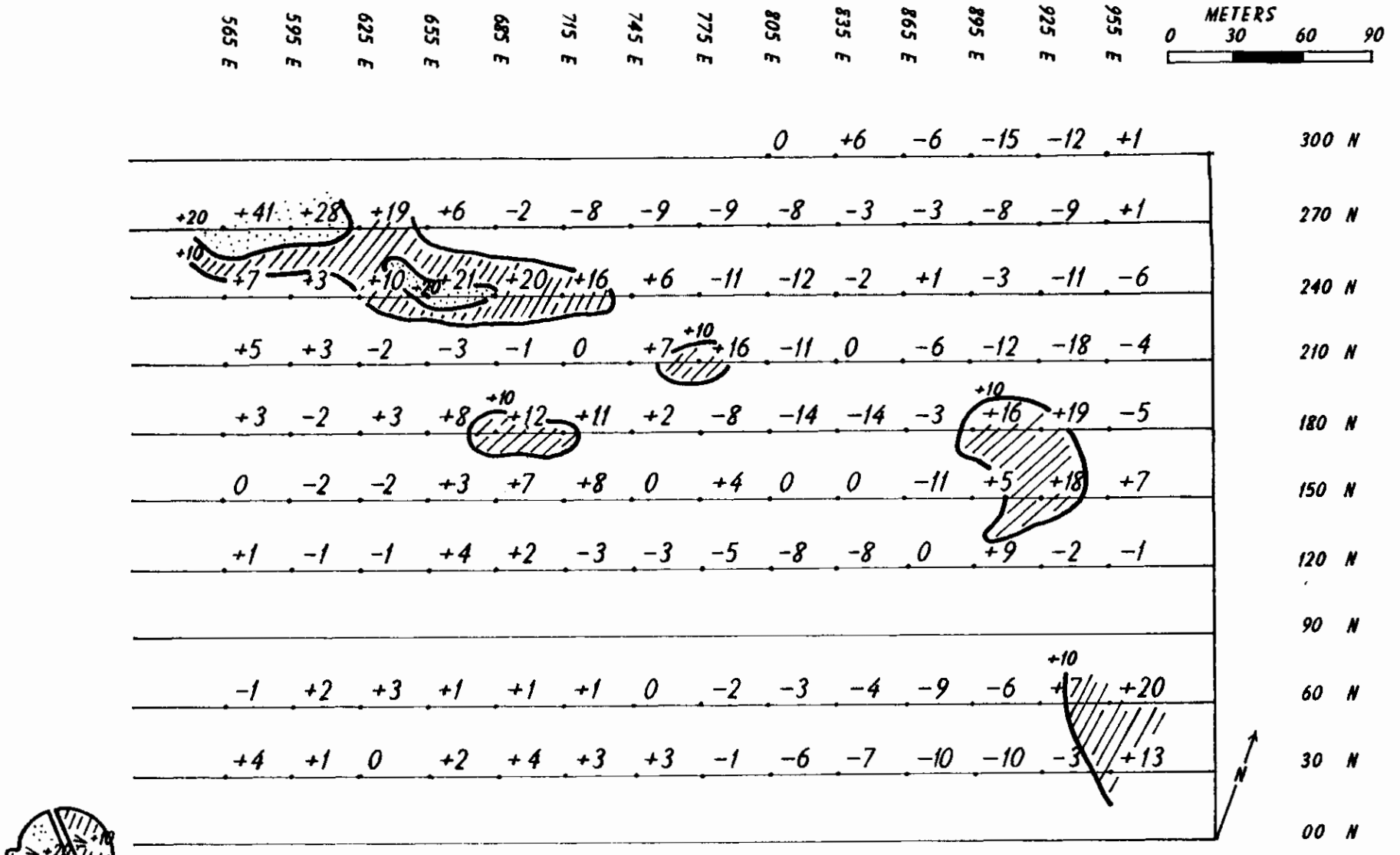
MONTGOMERY CONSULTANTS LIMITED JANUARY 15, 1980

8.40 EM-16 SURVEY - SAWMILL GRID

Figure 11 illustrates the filtered EM-16 data for the Sawmill grid. A moderate crossover is present in the northwest corner of the grid. This anomalous area could represent a structural feature, such as a contact or shear zone.

8.50 EM-16 SURVEY - QUARTZ MOUNTAIN GRID

Figure 12 illustrates the filtered EM-16 data for the Quartz Mountain grid. A broad crossover of moderate strength cuts the survey grid in a north-south direction. This crossover could represent a structural feature such as a contact, fault or shear zone or possibly some conductive body.



CONTOUR MAP OF FILTERED EM-16 DATA SAWMILL GRID FIG. 11

GALLANT GOLD MINES LTD. PERRY CREEK CRANBROOK AREA PROJECT

+30 FILTERED EM-16 DATA
FRASER FILTER METHOD; FILTERED EAST TO WEST;
OPERATOR FACES SOUTH; SEATTLE TRANSMITTER.

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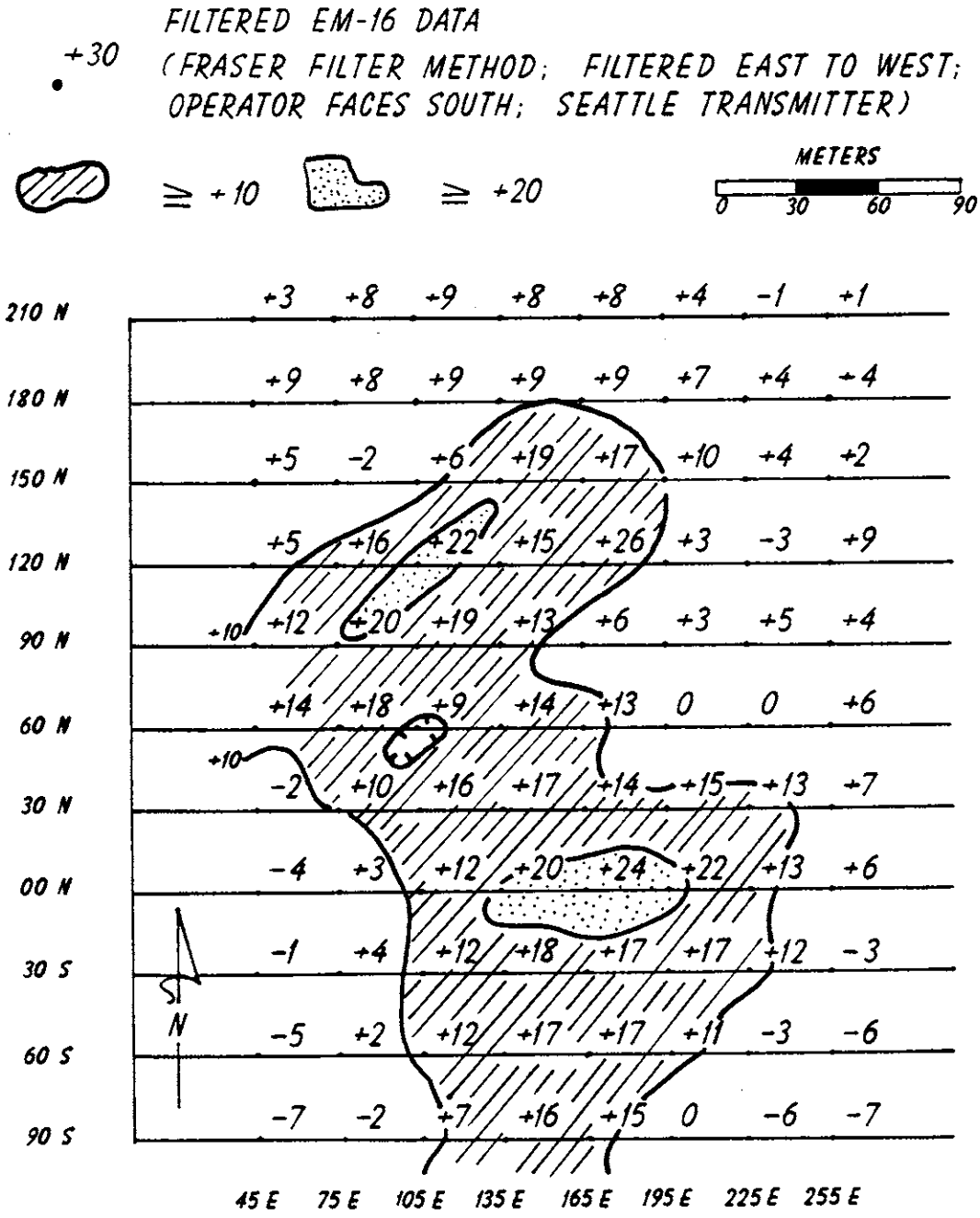
CONTOUR MAP OF FILTERED EM-16 DATA

QUARTZ MOUNTAIN GRID



GALLANT GOLD MINES LIMITED FIGURE 12

PERRY CREEK (CRANBROOK) AREA PROJECT

MONTGOMERY CONSULTANTS LIMITED JANUARY 15, 1980

ARITHMETIC HISTOGRAM

GOLD IN 900 SOILS

FIGURE 13

n = 900

$\bar{x}$ = 8.996 p.p.b.

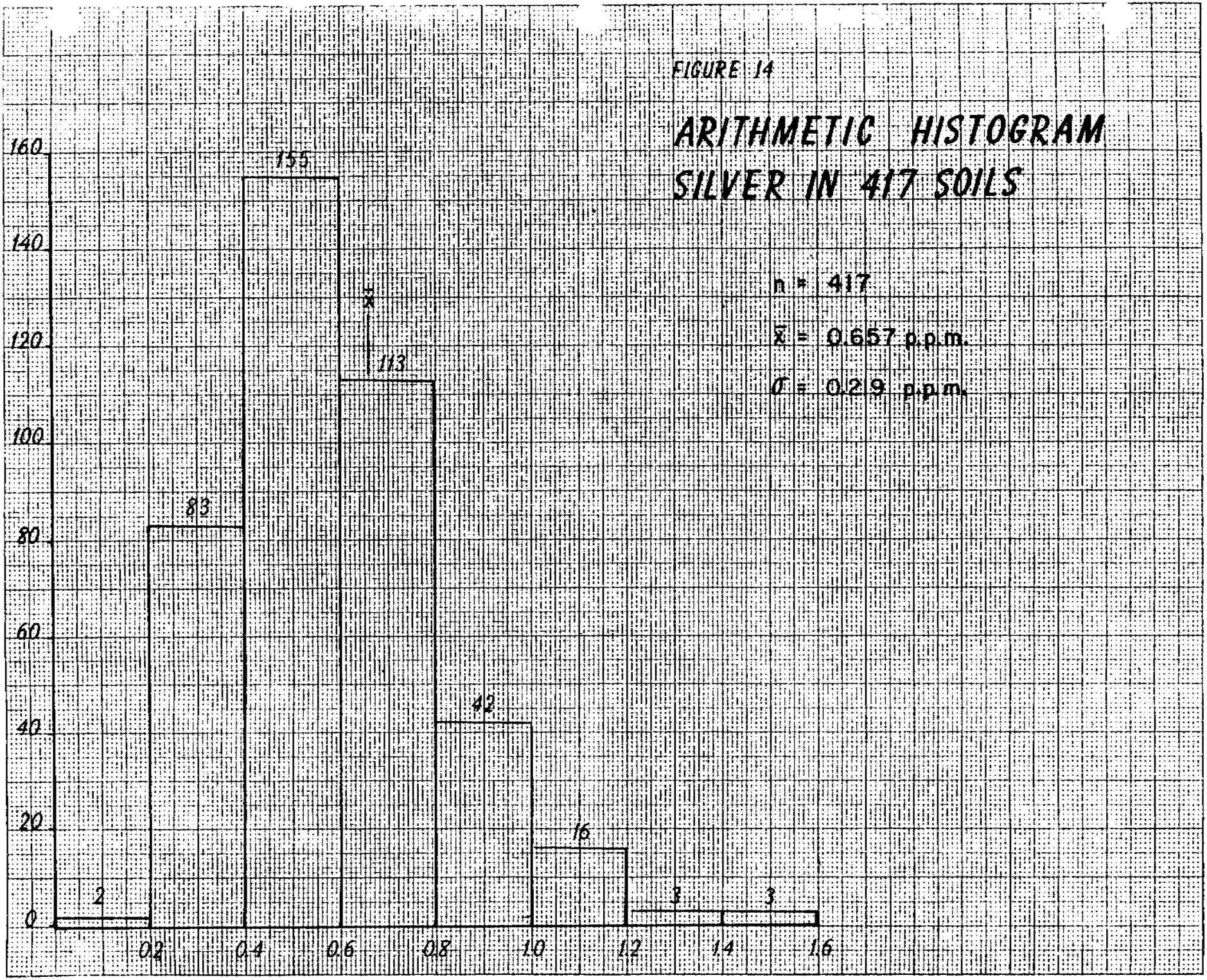
σ = 9.435 p.p.b.

NOTE: 13 VALUES ≥ 100 PPB WERE NOT USED IN CALCULATION.

NUMBERS OF SAMPLES IN EACH INTERVAL ARE SHOWN ABOVE INTERVAL.

FIGURE 14

ARITHMETIC HISTOGRAM
SILVER IN 417 SOILS



9.0 RECOMMENDATIONS

The areas containing anomalous gold in the soil (>35 ppb) should have trenching and further sampling carried out on them. These areas include the Sawmill grid (see Figures 4 and 7) and the Quartz Mountain grid (see Figures 4 and 8).

STATEMENT OF QUALIFICATIONS

I, Douglas F. Symonds, of 3260 Ganymede Drive, Burnaby, British Columbia hereby certify that:

1) I am a geologist and a graduate of the University of British Columbia (B.Sc. 1972)
2) I have practiced my profession since graduation.
3) I have based this report on a knowledge of the property, based on several visits to it, and on field work carried out on the property by crews under the supervision of my partner, J. H. Montgomery (Ph.D., P.Eng.).
4) I do not have any interest in Gallant Gold Mines Ltd. nor do I expect to acquire any.

Douglas F. Symonds, B.Sc.

Vancouver, British Columbia
April 16, 1980

10.0 COST STATEMENT

(1) JANET GROUP: (Azlin (6), Gold (10), Birdie Load (1), Janet (1), Janet 1 (4)

#2074 - October 20/1979 - total of 22 units

Wages:	S. Berryman 6 days @ 86.40	$ 518.40
	M. Hebert 6 days @ 72.00 (October 19-21, 24-26)	$ 432.00
FEES:	D. Symonds (January 16-29)	$ 160.00
DRAFTING:	M. Izard (January 16-29)	$ 80.00
ROOM AND BOARD		$ 281.96
TRAVEL EXPENSES		$ 36.60
TRUCK EXPENSES		$ 251.20
AIRFARE		$ 119.09
FIELD EXPENSES		$ 115.28
EM-16 RENTAL		$ 160.00
ASSAYING		$1363.18
MISCELLANEOUS		$ 43.44
	TOTAL	$3561.15

(2) ROCK GROUP: (Tanis (4), Peter Rock (9), Lone Eagle (1), Quartz Creek (1) - grouped October 30/ 1979 - 15 units

Wages:	S. Berryman 3 days @ 86.40	$ 259.20
	M. Hebert 3 days @ 72.00 (October 12-14)	$ 216.00
FEES:	D. Symonds (January 16-29)	$ 160.00
DRAFTING:	M. Izard (January 16-29)	$ 80.00
ROOM AND BOARD		$ 140.98
TRAVEL EXPENSES		$ 18.30
TRUCK EXPENSES		$ 143.54
AIRFARES		$ 68.05
FIELD EXPENSES		$ 57.64
EM-16 RENTAL		$ 120.00
ASSAYING		$ 645.40
MISCELLANEOUS		$ 21.72
	TOTAL	$1930.83

(3) LUKE GROUP: (John (4), Mark (6), Luke (9)

#2004 - November 24, 1977 - 19 units

Wages: D. Reinke (October 5-10, 12-15)	10 days @ 105.00	$1050.00
FEES: D. Symonds (January 16-29)		$ 160.00
DRAFTING: M. Izard (January 16-29)		$ 80.00
ROOM AND BOARD		$ 436.05
TRAVEL EXPENSES		$ 365.63
FIELD EXPENSES		$ 217.52
ASSAYING		$ 542.52
TOTAL		$2851.72

(4) ECLIPSE GROUP: (Eclipse (1), Anna (1), Standard (1), Agnes (1), Pioneer (1), Oyster(1), Evening Star (1)

#2038 - November 7, 1978

Wages:	D. Reinke 6 days @ 105.00 (September 20-25)	$ 630.00
FEES:	D. Symonds (January 16-29)	$ 160.00
DRAFTING:	M. Izard (January 16-29)	$ 80.00
ROOM AND BOARD		$ 261.63
TRAVEL EXPENSES		$ 219.38
FIELD EXPENSES		$ 130.51
ASSAYING		$ 325.51
	TOTAL	$1807.03

(5) PETRA GROUP: (Petra 9-15) (7), Carol 1-8 (8), Linda 1-8 (8) - 23 units

Wages: D. Reinke 6 days @ 105.00 (September 26 - October 1)	$ 630.00
FEES: D. Symonds (January 16 - 29)	$ 160.00
DRAFTING: M. Izard (January 16 - 29)	$ 80.00
ROOM AND BOARD	$ 261.63
TRAVEL EXPENSES	$ 219.38
FIELD EXPENSES	$ 130.51
ASSAYING	$ 325.51
TOTAL	$1807.03

(6) ANGUS GROUP: (Angus 200 (6), Angus 300 (15))

- 21 units

Wages: S. Berryman	2 days @ 86.40	$ 172.80
M. Hebert	2 days @ 72.00 (October 22-23)	$ 144.00
FEES: D. Symonds	(January 16-29)	$ 160.00
DRAFTING: M. Izard	(January 16-29)	$ 80.00
ROOM AND BOARD		$ 93.99
TRAVEL EXPENSES		$ 12.20
TRUCK EXPENSES		$ 71.77
AIRFARES		$ 14.89
FIELD EXPENSES		$ 38.43
EM-16 RENTAL		$ 40.00
ASSAYING		$ 542.86
MISCELLANEOUS		$ 14.48
	TOTAL	$1385.42

APPENDIX I

COMPANY: Montgomery Consultants

PROJECT No.: Lisbon Grid

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 9-839

DATE: Nov. 22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L00NBL	00E						0.8					5
	30E						0.8					10
	60E						0.7					5
	90E						0.7					<5
	120E						0.8					5
	150E						0.6					5
	180E						0.5					5
	210E						no sample					
	240E						no sample					
	270E						0.6					10
L00N300	E						no sample					
L30NBL	00E						0.9					15
	30E						0.9					5
	60E						0.8					<5
	90E						0.9					5
	120E						0.6					10
	150E						no sample					
	180E						1.1					5
	210E						0.8					<5
	240E						no sample					
	270E						0.9					10
L30N300	E						no sample					
L60NBL	00E						0.7					10
	30E						0.7					15
	60E						0.6					5
	90E						0.7					15
	120E						0.7					10
	150E						0.7					5
	180E						0.7					10
L60N210	E						no sample					

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COMPANY: Montgomery Consultants

PROJECT No.: Lisbon Grid

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 9-839

DATE: Nov. 22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L60N240E							no sample					
270E							0.6					5
L60N300E							no sample					
L90NBL00E							0.6					<5
30E							0.8					10
60E							0.6					5
90E							0.8					10
120E							0.6					5
150E							1.0					<5
180E							0.8					5
210E							0.6					5
240E							0.8					10
L90N300E							no sample					
L120NBL00E							0.7					<5
30E							0.8					5
60E							0.7					<5
90E							0.6					<5
120E							0.6					<5
150E							0.7					15
180E							0.8					10
210E							0.6					5
240E							0.6					5
270E							no sample					
L120N300E							0.8					5
L150NBL00E							0.6					<5
30E							0.7					<5
60E							0.8					<5
90E							0.9					<5
120E							0.6					5
L150N150E							0.6					10

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COMPANY: Montgomery Consultants

PROJECT No.: Lisbon Grid

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C V7M 1T2
PHONE (604) 980-5814

No. 9-839

DATE: Nov.22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
L150N180E							07					<5			
210E							06					5			
240E							no sample								
270E							08					10			
L150N300E							06					5	(20 mesh)		
L180NBL00E							06					5			
30E							05					5	(40 mesh)		
60E							08					5			
90E							06					5			
120E							06					10			
150E							08					5			
180E							06					10			
210E							no sample								
240E							07					5			
270E							06					5			
L180N300E							06					5			
L210NBL00E							05					5			
30E							08					5			
60E							06					5			
90E							10					5			
120E							06					<5			
150E							06					10			
180E							07					10			
210E							06					5	(40 mesh)		
240E							08					<5			
270E							06					5			
L210N300E							05					5	(20 mesh)		
L240NBL00E							04					10			
30E							04					5	(40 mesh)		
L240N60E							04					5			

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COMPANY: Montgomery Consultants

PROJECT No.: Lisbon Grid

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 9-839

DATE: Nov. 22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L240N90E							0.6					5
120E							0.4					5
150E							0.6					10
180E							0.6					10
210E							0.4					5
240E							0.5					5
270E							0.7					5
L240N300E							no sample					
L270NBL00E							0.5					35
30E							0.6					5
60E							0.6					15
90E							0.7					10
120E							0.6					10
150E							0.4					5
180E							no sample					
210E							no sample					
240E							no sample					
270E							no sample					
L270N300E							no sample					

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PROJECT No.: Nigel

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 9-839

DATE: Nov. 22 1979

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L60NBL00N							no sample					
30N							no sample					
60N							no sample					
90N							11					<5
120N							10					10
150N							12					10
180N							11					5
210N							09					5
240N							08					20
270N							06					<5
L60E300N							08					5
L90EBL00N							08					10
30N							09					5
60N							09					5
90N							06					10
120N							08					10
150N							06					5
180N							08					5
210N							08					5
240N							13					<5
270N							09					5
L90E300N							08					5
L120EBL00N							11					10
30N							08					10
60N							07					5
90N							08					5
120N							10					5
150N							12					10
180N							09					10
L120E210N							08					<5

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COMPANY: Montgomery Consultants

PROJECT No.: Project

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GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C V7M 1T2

PHONE (604) 980-5814

No. 9-839

DATE: Nov. 22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
L120E240N							0.9					<5			
270N							0.7					5			
L120E300N							0.6					5			
L150EBL00N							1.2					10			
30N							1.1					5			
60N							no sample								
90N							1.1					5			
120N							1.6					5			
150N							1.2					5			
180N							1.3					<5			
210N							1.5					5			
240N							1.4					5			
270N							1.0					<5			
L150E300N							0.8					5			
FRYE#1							0.7					1950			

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COMPANY: Montgomery Consultants

PROJECT No.: Angus

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 9-839

DATE: Nov. 22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L180EBL00N							07					<5
30N							06					5
60N							08					<5
90N							08					5
120N							10					<5
150N							12					<5
180N							08					<5
210N							04					<5
240N							09					5
L180E270N							05					5
L180E300N							06					<5
L210EBL00N							08					5
30N							10					<5
60N							08					5
90N							04					5
120N							08					<5
150N							04					5
180N							04					5
210N							08					10
240N							03					5
270N							04					5
L210E300N							07					5
L240EBL00N							06					10
30N							07					15
60N							06					10
90N							08					5
120N							06					10
150N							06					5
180N							04					10
L240E210N							06					5

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COMPANY: Montgomery Consultants

PROJECT No.: Angus

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GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 9-839

DATE: Nov. 22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L240E240N							0.6					10
270N							0.7					5
L240E300N							0.6					5
L270EBL00N							0.6					10
30N							0.7					5
60N							0.7					5
90N							0.5					<5
120N							0.6					5
150N							0.6					<5
180N							0.4					10
210N							0.5					5
240N							0.5					<5
270N							0.5					5
L270E300N							1.1					5

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COMPANY: Montgomery Consultants

PROJECT No.: Sawmill Grid

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 9-839

DATE: Nov. 22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L30N 520E							0.6					<5
550E							0.5					5
580E							0.4					5
610E							0.3					<5
640E							0.4					5
670E							0.9					<5
700E							0.4					5
730E							0.6					<5
760E							0.4					10
790E							0.4					5
820E							0.4					5
850E							0.6					5
880E							0.4					5
910E							0.4					<5
940E							0.3					5
970E							no sample					
L30NBL 1000E							0.3					55
L60N 520E							0.2					5
550E							0.4					10
580E							0.4					10
610E							0.6					5
640E							0.5					10
670E							0.3					5
700E							0.4					5
730E							0.5					15
760E							0.4					5
790E							0.5					5
820E							0.4					5
850E							0.5					<5
L60N 880E							0.4					5

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COMPANY: Montgomery Consultants

PROJECT No.: Sawmill Grid

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 9-839

DATE: Nov. 22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L60N910E							0.8					<5
940E							no sample					
970E							no sample					
L60NBL1000E							0.4					5
L120N520E							0.4					<5
550E							0.8					5
580E							no sample					
610E							no sample					
640E							no sample					
670E							0.4					5
700E							0.4					<5
730E							0.4					5
760E							0.4					10
790E							0.5					<5
820E							0.6					5
850E							0.3					5
880E							0.2					10
910E							0.4					<5
940E							no sample					
970E							no sample					
L120NBL1000E							0.4					<5
L150N520E							0.5					520
550E							0.3					10
580E							no sample					
610E							0.4					20
640E							no sample					
670E							0.6					5
700E							0.4					5
730E							0.4					<5
L150N760E							0.6					5

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COMPANY: Montgomery Consultants

PROJECT No.: Sawmill Grid

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 9-839

DATE: Nov. 22, 1979.

Sample Number	Mo ppm	W ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L150N 790E							0%					5
820E							0%					10
850E							0%					3450
880E							no sample					
910E							0%					10
940E							0%					5
970E							no sample					
L150N BL1000E							0%					10

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COMPANY: Montgomery Consultants

PROJECT No.: Sawmill Grid

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

File No. 9-839

DATE: Nov. 22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe %	Hg ppb	As ppm	Mn ppm	Au ppb
L180N520E							0.8					10
550E							0.7					40
580E							0.9					10
610E							0.8					10
640E							0.8					5
670E							0.9					10
700E							0.5					15
730E							0.7					10
760E							0.8					5
790E							0.7					5
820E							1.0					5
850E							no sample					
880E							no sample					
910E							0.6					5
940E							0.6					5
970E							0.4					10
L180N1000E							0.4					5
L210N520E							0.7					5
550E							0.7					5
580E							0.8					5
610E							0.6					5
640E							0.6					10
670E							0.6					10
700E							0.4					10
730E							0.4					< 5
760E							no sample					
790E							0.5					5
820E							0.6					5
850E							0.8					15
L210N880E							0.9					5

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PROJECT No.: Sawmill Grid

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 9-839

DATE: Nov. 22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L210N 910E							0.4					10
940E							0.6					10
970E							no sample					
L210N 1000E							0.7					10
L240N 520E							0.6					5
550E							0.7					5
580E							0.8					5
610E							0.8					5
640E							0.6					5
670E							no sample					
700E							0.4					10
730E							0.5					10
760E							0.6					5
790E							0.7					5
820E							0.7					10
850E							1.0					10
880E							0.8					<5
910E							0.6					5
940E							0.6					290
970E							0.6					5
L240N 1000E							0.6					15
L270N 520E							0.6					10
550E							0.4					5
580E							0.4					5
610E							0.5					10
640E							0.4					5
670E							0.4					10
700E							0.5					30
730E							0.5					5
L270N 760E							0.5					15

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COMPANY: Montgomery Consultants

PROJECT No.: Sawmill Grid

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 9-839

DATE: Nov.22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L270N790E							0.5					10
820E							0.5					10
850E							0.4					5
880E							0.5					5
910E							0.5					10
940E							0.4					5
970E							0.7					10
L270N1000E							0.4					5
L300N520E							0.4					<5
550E							0.4					5
580E							0.6					10
610E							0.6					10
640E							0.4					5
670E							0.4					10
700E							0.5					30
730E							0.5					5
760E							0.4					10
790E							0.6					10
820E							0.5					5
850E							1.2					10
880E							0.6					5
910E							0.6					<5
940E							0.4					<5
970E							0.6					15
L300N1000E							0.4					10

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COMPANY: Montgomery Consultants

PROJECT No.: Quartz Mtn. Sawmill Grids

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 9-839

DATE: Nov.22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L60N240E							.07					10
270E							.07					5
L60N300E							.07					15
L90NBL00E							.04					5
30E							.04					15
60E							.04					1300
90E							.06					25
120E							.03					5
150E							.05					5
180E							.08					20
210E							.04					15
240E							.04					5
270E							.04					10
L90N300E							.06					15

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COMPANY: Montgomery Consultants

PROJECT No.: Quartz Mtn. Sawmill Grids)

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 9-839

DATE: Nov. 22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L00NBL00E							0.4					25
30E							0.4					80
60E							0.6					10
90E							0.6					15
120E							no sample					
150E							no sample					
180E							0.8					800
210E							0.9					5
240E							0.7					5
270E							0.8					5
L00N300E							0.6					5
L30NBL00E							0.6					5
30E							0.5					<5
60E							0.3					5
90E							0.4					<5
120E							0.4					15
150E							0.6					<5
180E							1.1					<5
210E							0.6					5
240E							0.6					5
270E							1.0					<5
L30N300E							0.6					10
L60NBL00E							0.8					5
30E							0.5					<5
60E							0.6					<5
90E							0.6					5
120E							0.4					5
150E							0.4					110
180E							0.7					20
L60N210E							0.5					5

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: Quartz Mtn Grid

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 9-839

DATE: Nov. 22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L30NBL 00E							0.8					5
30E							0.5					125
60E							no sample					
90E							no sample					
120E							no sample					
150E							no sample					
180E							0.5					15
210E							0.6					5
240E							0.6					10
270E							0.8					5
L30N300E							0.7					<5
L60NBL 00E							0.6					45
30E							0.9					<5
60E							0.8					20
90E							no sample					
120E							no sample					
150E							no sample					
180E							0.7					40
210E							0.5					45
240E							0.8					20
270E							0.7					5
L60N300E							0.7					5
L90NBL 00E							1.0					20
30E							0.7					5
60E							no sample					
90E							no sample					
120E							no sample					
150E							no sample					
180E							0.6					<5
L90N210E							0.9					10

CERTIFIED BY

COMPANY: Montgomery Consultants

PROJECT No.: Quartz Mtn Grid

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 9-839

DATE: Nov. 22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L90N240E							07					1.5
270E							07					5
L90N300E							08					10
L120NBL00E							09					5
30E							06					1.5
60E							05					10
90E							06					1.5
120E							no sample					
150E							04					5
180E							06					1.5
210E							07					6.0
240E							08					1.5
270E							05					5
L120N300E							09					1.5
L150NBL00E							07					4.5
30E							10					1.5
60E							06					5
90E							06					10
120E							06					5
150E							06					5
180E							10					5
210E							05					10
240E							06					10
270E							12					5
L150N300E							06					5
L180NBL00E							09					10
30E							06					10
60E							08					10
90E							08					10
L180N120E							07					5

CERTIFIED BY:

COMPANY: Montgomery Consultants

PROJECT No.: Quartz Mtn Grid

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 9-839

DATE: Nov. 22, 1979.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
L180N150E							0.8					10
180E							0.7					45
210E							1.0					10
240E							1.3					5
270E							0.9					30
L180N300E							1.0					5
L210NBL00E							0.8					5
30E							0.8					15
60E							0.8					5
90E							0.8					10
120E							0.9					5
150E							0.9					35
180E							0.8					5
210E							1.0					5
240E							1.0					5
270E							0.9					10
L210N300E							1.0					15

CERTIFIED BY

APPENDIX II

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: [redacted] 984-0221
AREA CODE: 604
TELEX: 043-52597

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 51046

INVOICE NO. 33275

RECEIVED October 10, 1979

ANALYSED October 18, 1979

TO: Angela Development
706 - 675 W. Hastings
Vancouver, B.C.

ATTN:

SAMPLE NO. :	PPB Au
LA - 0	< 10
LA - 1N	10
2	< 10
3	< 10
4	< 10
5	< 10
6	< 10
7	20
8	20
9	< 10
LA - 10N	10
LA - 1 S	< 10
LB - 0	30
LB - 1 N	< 10
2	< 10
3	< 10
4	< 10
5	300
6	< 10
7	< 10
8	< 10
9	< 10
10	60
11	< 10
LB - 12 N	< 10
LB - 1 S	20
2	< 10
3	< 10
LB - 4 S	20
LC - 1 S	< 10
2	< 10
3	< 10
4	< 10
LC - 5 S	< 10
LD - 0	< 10
LD - 1 N	10
2	< 10
3	10
4	< 10
LD - 5 N	10

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

CHEMEX LABS LTD.

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 51209

TO: Gallant Gold Mines
706 - 675 W. Hastings St.,
Vancouver, B.C.

INVOICE NO. 33619

RECEIVED October 22, 1979

ATTN:

ANALYSED November 2, 1979

SAMPLE NO. :	PPB Au
LC-0	120
1N	<10
2	10
3	<10
4	<10
5	10
6	<10
7	<10
8	10
9	<10
10	<10
11	10
12	10
13	<10
14	<10
LC-15N	10
LF-0	20
1W	<10
2	<10
3	<10
4	<10
5	10
6	<10
7	<10
8	<10
LF-9W	10
LG-0	<10
1W	<10
2	<10
3	<10
4	<10
5	<10
6	<10
7	<10
8	<10
9	10
10	<10
11	<10
12	<10
LG-13W	<10

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: [redacted] 984-0221
AREA CODE: 604
TELEX: 043-52597

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 51047

INVOICE NO. 33310

RECEIVED Oct. 10/79

ANALYSED Oct. 19/79

TO: Angela Developments
706 - 675 W. Hastings St.
Vancouver, B.C.

ATTN:

SAMPLE NO. :	PPB Au
LD - 6N	< 10
7	< 10
8	40
9	10
10	< 10
11	< 10
12	< 10
13	10
14	< 10
LD - 15N	< 10
LD - 1S	20
2	< 10
3	40
4	< 10
LD - 5S	< 10
LE - 0	< 10
LE - 1N	20
2	20
3	20
4	< 10
5	< 10
6	< 10
7	< 10
LE - 8N	< 10
LE - 1S	< 10
2	< 10
3	180
4	< 10
LE - 5S	< 10

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: [signature]

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 51210

TO: Gallant Gold Mines
706 - 675 W. Hastings St.,
Vancouver, B.C.

INVOICE NO. 33619

RECEIVED October 22, 1979

ATTN:

ANALYSED November 2, 1979

SAMPLE NO. :	PPB Au
LG-14W	<10
LH-0	20
1W	<10
2	<10
3	<10
4	<10
5	10
6	<10
7	<10
8	<10
9	<10
10	<10
11	10
12	<10
LH-13W	20
LJ-0	<10
1N	<10
2	<10
3	<10
4	<10
5	<10
6	<10
7	<10
8	<10
9	<10
10	10
11	<10
12	<10
13	<10
14	<10
LJ-15N	<10
LK-0	<10
1N	<10
2	<10
3	<10
4	<10
5	<10
6	10
7	<10
LK-8N	<10

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: [redacted] 984-0221
AREA CODE: 604
TELEX: 043-52597

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 51211

INVOICE NO. 33663

RECEIVED October 22, 1979

ANALYSED November 6, 1979

TO: Gallant Goldmines
706 - 675 W. Hastings St.
Vancouver B.C.

ATTN:

SAMPLE NO. :		PPB Au
LK-9	N	< 10
10		< 10
11		< 10
12		< 10
13		< 10
14		< 10
LK-15	N	< 10
LL-0		< 10
1	N	< 10
2		< 10
3		< 10
4		< 10
5		< 10
6		< 10
7		< 10
8		< 10
9		< 10
10		< 10
11		< 10
12		10
13		10
14		< 10
LL-15	N	10
LM-0		20
1	S	< 10
3		< 10
4		< 10
5		< 10
6		< 10
7		20
LM-8	S	< 10
LM-2	N	< 10

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

APPENDIX III

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: [redacted] 984-0221
AREA CODE: 604
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

CERTIFICATE NO. 66775

TO: Angela Development
706 - 675 W. Hastings
Vancouver, B.C.

INVOICE NO. 33825

RECEIVED Oct. 22/79

ATTN:

ANALYSED Nov. 14/79

SAMPLE NO. :	Oz/T Ag	Oz/T Au
3376 B	0.46	0.003
3377	0.01	< 0.003
3378	0.01	< 0.003
3379	0.01	< 0.003
3380	0.01	< 0.003
3381	0.01	< 0.003
3382	0.01	< 0.003
3383	0.01	< 0.003
3384	0.14	0.086
3385	0.01	< 0.003
3386	0.01	< 0.003
3387	0.01	< 0.003
3388	0.01	< 0.003
3389	0.02	< 0.003
3390	0.01	< 0.003
3391	0.02	< 0.003
3392	0.01	< 0.003
3393	0.01	< 0.003
3394 B	0.01	< 0.003

CTA MEMBER CANADIAN TESTING ASSOCIATION

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: [redacted] 984-0221
AREA CODE: 604
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

CERTIFICATE NO. 66616

TO: Angela Developments
706 - 675 W. Hastings St.,
Vancouver, B.C.

ATTN:

INVOICE NO. 33606

RECEIVED October 10, 1979

ANALYSED Novmeber 2, 1979

SAMPLE NO. :	% Cu	% WO_3	oz/ton Ag	oz/ton Au
6251	0.06		0.38	0.010
6252	0.06		0.01	0.012
6253	0.11		0.01	<0.003
6254	0.13		0.03	0.142
6255	0.07		0.01	0.005
6256	0.13		0.01	0.012
6258			0.20	0.010
6259			0.08	0.005
6260			0.10	0.003
6261			0.08	0.003
6262			0.06	<0.003
6263			0.10	0.014
6264			0.10	<0.003
6265			0.02	<0.003
6266		0.02	0.14	<0.003
6267		0.02	0.08	<0.003

CTA MEMBER CANADIAN TESTING ASSOCIATION

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: [redacted] 984-0221
AREA CODE: 604
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

CERTIFICATE NO. 66589

INVOICE NO. 33444

RECEIVED October 5, 1979

ANALYSED October 25, 1979

TO: Gallant Gold Mines
706 - 675 W. Hastings St.,
Vancouver, B.C.

ATTN:

SAMPLE NO. :	% Cu	% Pb	% Zn	% Wo3	oZ/T Ag	OZ/T Au
A - 1					0.04	< 0.003
2					0.04	< 0.003
3				0.02	0.10	< 0.003
4					0.10	< 0.003
5					0.04	0.003
6					0.04	< 0.003
7					0.04	< 0.003
8					0.04	< 0.003
9	0.66			0.20	3.53	0.212
10					0.04	< 0.003
11					0.06	< 0.003
12				0.01	0.08	< 0.003
14					0.08	< 0.003
15					0.02	< 0.003
16					0.25	0.046
17					0.16	< 0.003
18					0.18	< 0.003
19					0.02	< 0.003
22					0.01	< 0.003
23					0.10	< 0.003
24					0.01	< 0.003
25					0.06	< 0.003
27					0.06	< 0.003
28					0.01	< 0.003
29				0.01	0.01	< 0.003
30					0.02	< 0.003
31					0.01	< 0.003
32				0.03	0.02	< 0.003
33					0.04	< 0.003
34					0.06	< 0.003
A - 35	0.83	0.12	0.01		0.08	0.048
6268 B					0.08	< 0.003
6269					0.06	< 0.003
6270					0.08	< 0.003
6211					0.08	< 0.003
6272					0.06	< 0.003
6273					0.04	< 0.003
6274					0.08	< 0.003
6275 B		Also on Spec # 1245			0.04	< 0.003

CTA MEMBER CANADIAN TESTING ASSOCIATION

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA

APPENDIX IV

EM FIELD NOTES Page 21

Property LISBON
Job No. 79-19
Trans. SEATTLE

Date OCT 25/79
Operator S. BERRYMAN
Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
L 1+20N					
BL 00E					
30E					
60E					
90E	S	E	A	T	T L E
1+20E					
1+50E	T	R	A	N	S M I T T E R
1+80E					
2+10E		N	O	T	
2+40E					
2+70E	O	P	E	R	A T I N G
3+00E			T	O	D A Y (A.M.)
L 1+50N					
3+00E					
2+70E					
2+40E					
2+10E					
1+80E					
1+50E					
1+20E					
90E					
60E					
30E					
BL 00E					

Vancouver B.C. Checked _____

EM FIELD NOTES Page 23

Property LISBON
Job No. 79-19
Trans. SEATTLE

Date OCT 26/79
Operator S. BERRYMAN
Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
L 2+40N					
BL 00E	-5	-10			
30E	-6	-9			LEVEL
60E	-7	-9			
90E	-8	-8			
1+20E	-7	-7			edge of basin
1+50E	-7	-5			
1+80E	-3	-5			
2+10E	+2	-14			steep slope
2+40E	+4	-6			Slope to 60'
2+70E	+4	-14			
3+00E					Slope 60'
L 7+70N					
3+00E					
2+70E	+1	-11			Slope to
2+40E	+2	-7			
2+10E	+1	-4			edge of slope
1+80E	-3	+4			small depression
1+50E	-2	-3			LEVEL
1+20E	-1	-10			steep slope
90E	-4	-7			
60E	-2	-11			LEVEL
30E	-2	-11			
BL 00E	+3	-11			

Vancouver B.C. Checked _____

Page 18

ANGUS Oct 23/79

LOCATION (STATION)	QUAD (EM16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
L 90 E					
BL 90 N	+4	+20			
30 N	+5	+21			
60 N	-4	+31			
90 N	-5	+33			
1+20 N	-6	+30			
1+50 N	-4	+36			
1+80 N	-3	+35			
2+10 N	-4	+37			
2+40 N	-2	+35			
2+70 N	-8	+40			
3+00 N	-11	+49			
L 60 E					
3+00 N	-12	+46			
2+70 N	-7	+45			
2+40 N	-4	+43			
2+10 N	-3	+41			
1+80 N	-4	+45			
1+50 N	-4	+45			
1+20 N	-3	+38			
90 N	-3	+42			
60 N	-2	+39			
30 N	+2	+41			
BL 90 S	+4	+44			

Vancouver B.C. Checked _____

Page 20

LISBON Oct 24/79

LOCATION (STATION)	QUAD (EM16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
L 60 N					
BL 00 E	+2	-11			
30 E	+4	-17			
60 E	+5	-15			
90 E	+4	-10			
1+20 E	+5	-10			
1+50 E	+5	-10			
1+80 E	+4	-8			
2+10 E	+3	-4			
2+40 E	+5	-11			
2+70 E	+4	-9			
3+00 E	+3	-4			
L 90 N					
3+00 E	+3	-3			
2+70 E	+5	-8			
2+40 E	+4	-8			
2+10 E	+5	-8			
1+80 E	+5	-9			
1+50 E	+4	-7			
1+20 E	+4	-13			
90 E	+5	-11			
60 E	+5	-7			
30 E	+5	-11			
BL 00 E	+3	-8			

Vancouver B.C. Checked _____

EM FIELD NOTES

Page 17

Property ANGUS
Job No. 79-19
Trans. SEATTLE

Date Oct 23/79
Operator S. Berryman
Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
L 1+50E					
BL00N	+2	+18			
30N		+25			
60N	0	+19			ROAD
90N	0	+18			
1+20N	-3	+25			
1+50N	-6	+29			
1+80N	-4	+35			
2+10N	-6	+35			
2+40N	-6	+35			SAME
2+70N	-6	+36			
3+00N	-10	+42			
L 1+20E					
3+00N	-10	+46			
2+70N	-4	+46			
2+40N	-5	+32			
2+10N	-5	+36			Levelling
1+80N	-6	+37			
1+50N	-4	+34			
1+20N	-4	+33			
90N	-4	+30			
60N	+2	+20			ROAD
30N	+2	+13			
L 00N					

Vancouver B.C. Checked _____

EM FIELD NOTES

Page 19

Property LISBON
Job No. 79-19
Trans. SEATTLE

Date Oct 24/79
Operator S. Berryman
Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
Line 00N					
BL00E	-2	-6			
30E	0	-8			LEVEL
60E	0	-7			
90E	+2	-7			
1+20E	+2	-9			LEVEL
1+50E	+3	-10			
1+80E	+5	-12			
2+10E	+4	-13			
2+40E	+4	-13			
2+70E	+4	-10			
3+00E	+1	-4			+ 25°
L 30N					
3+00E	+2	-5			
2+70E	+3	-8			
2+40E	+3	-10			
2+10E	+4	-11			
1+80E	+5	-13			
1+50E	+3	-12			
1+20E	+2	-10			
90E	+2	-10			
60E	+1	-7			
30E	+1	-10			
00E	0	-11			

Vancouver B.C. Checked _____

EM FIELD NOTES Page 13

Property Sawmill Date Oct 21st/79
Job No. 79-19 Operator
Trans. Face

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
L 1+20N					
940E	-4	+1			
970E	-4	+6			~~CREEK~~
BL 1000E	0	-5			
L 60N					
BL 1000E	-2	-10			
970E	-4	-2			
940E	-6	+3			
910E	-7	+5			
880E	-4	+3			
850E	-3	-1			
820E	-4	0			
790E	-4	-2			
760E	-4	-2			
730E	-4	-2			
700E	-2	-2			
670E	-1	-1			
640E	-2	-2			
610E	0	0			
580E	0	0			
550E	+2	0			
520E	+3	-1			

Vancouver B.C. Checked

EM FIELD NOTES Page 15

Property ANGUS Date Oct 22/79
Job No. 79-19 Operator S. Berryman
Trans. SEATTLE Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
L 2+70E					
BL 00N	0	+28			Loaded [illegible]
30N	-1	+30			Bank
60N	-2	+30			LF V BL
90N	-4	+30			ROAD
1+20N	-4	+28			
1+50N	-8	+26			[illegible]
1+80N	-5	+22			[illegible]
2+10N	-4	+19			-12°
2+40N	-4	+17			-15°
2+70N	-5	+20			
3+00N	-8	+31			-22°
L 2+40E					
3+00N	-12	+35			
2+70N	-6	+26			-14°
2+40N	-6	+18			
2+10N	0	+11			
1+90N	-3	+18			[illegible]
1+50N	-2	+22			[illegible]
1+20N	-3	+25			
90N	-2	+27			ROAD
60N	-2	+27			
30N	-1	+27			
BL 00N	-1	+26			ROAD [illegible]
					[illegible]

Vancouver B.C. Checked

Page 14

SAWMILL — OCT 21/79

LOCATION (STATION)	QUAD (EM16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
L 30 N					
520E	+3	-2			
550E	+3	-3			
580E	+5	-5			
610E	+3	-4			
640E	0	-5			
670E	0	-4			
700E	0	-7			
730E	-2	-6			
760E	-3	-8			
790E	-3	-8			
820E	-4	-5			
850E	-4	-5			
880E	-4	-1			
910E	-5	+1			
940E	-5	+3			
970E	-5	0			Cr[illegible]
BL 1000E	-5	-9			

Vancouver B.C. Checked _____

Page 15

OCT 22/79 — ANGUS

LOCATION (STATION)	QUAD (EM16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
L 2+10 E					ROAD & LOG-
BL 00 N	0	+25			[illegible]
30 N	-2	+26			
60 N	-2	+26			
90 N	-2	+24			[illegible]
1+20 N	-1	+[illegible]			
1+50 N	0	+17			
1+80 N	0	+11			Slight [illegible]
2+10 N	-8	+24			
2+40 N	-3	+[illegible]			
2+70 N	-10	+35			Steeper -20°
3+00 N	-12	+[illegible]			[illegible]
L 1+80 E					
3+00 N	-7	+[illegible]			[illegible]
2+70 N	-9	[illegible]			
2+40 N	-8	[illegible]			
2+10 N	-8	+34			-10°
1+80 N	-6	[illegible]			
1+50 N	-2	[illegible]			
1+20 N	+2	[illegible]			
90 N	0	[illegible]			ROAD
60 N	0	[illegible]			
30 N	0	+25			
BL 00 N	+1	+25			

Vancouver B.C. Checked _____

Page 10

Oct 20/79 SAWMILL

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
L 2+10 N					
RL 10 E	-2	-5			
920 E	-4	+5			
940 E	0	+1			
910 E	-1	-5			
880 E	-2	-2			
850 E	0	-9			
820 E	0	-9			
790 E	0	-7			
760 E	-3	0			
730 E	-2	0			
700 E	-4	0			
670 E	-2	0			
640 E	-1	-1			
610 E	+1	-2			
580 E	0	-1			
550 E	+1	+1			
520 E	+3	+1			
L 1+80 N					
520 E	+2	-4			
550 E	+1	-4			
580 E	+1	-5			
610 E	0	-6			
640 E	-1	-5			

Vancouver B.C. Checked _____

Page 12

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
L 1+50 N					
730 E	-3	0			
700 E	-2	-3			
670 E	-1	-4			
640 E	0	-6			
610 E	-2	-4			
580 E	-1	-4			
550 E	+2	-4			
520 E	+2	-4			
L 1+20 N					
520 E	+1	-3			
550 E	+2	-1			
580 E	+1	-3			
610 E	0	-2			
640 E	-1	-1			
670 E	0	-3			
700 E	-2	-4			
730 E	-2	-2			
760 E	-3	-2			
790 E	-4	-1			
820 E	-4	+2			
850 E	-2	+3			
880 E	-3	+6			
910 E	-3	-1			

Vancouver B.C. Checked _____

EM FIELD NOTES

Page 9

Property SAWMILL
Job No. 79-19
Trans. SEATTLE

Date Oct. 20/79
Operator S. Berryman
Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
L 2+40N					Slope south 11°
520E	+4	+10			
550E	+4	+7			
580E	+4	+5			
610E	+1	+5			
640E	-1	+4			
670E	+3	-4			Creek
700E	+4	-8			
730E	+4	-12			
760E	+6	-10			Level
790E	+3	-10			
820E	0	-2			
850E	0	-7			
880E	0	-8			
910E	+1	-7			
940E	0	-5			
970E	-4	+1			
BL 1000E	-2	-7			

Vancouver B.C. Checked _____

EM FIELD NOTES

Page 11

Property SAWMILL
Job No. 79-19
Trans. SEATTLE

Date Oct 20/79
Operator S. Berryman
Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
L 1+80N					
6+20E	-3	-3			
700E	-4	0			
730E	-4	+4			
760E	-6	+4			
790E	-8	+2			
820E	-2	-2			
850E	-1	-6			Slope
880E	-1	-8			
910E	0	-3			
940E	-3	+5			
970E	-3	+3			
BL 1000E	0	-6			
Oct 21st					
L 1+50N					
BL 1000E	-2	0			Slope west to CRT L K
970E	-2	+7			
940E	-2	+3			
910E	-1	-3			
880E	0	-5			CREEK
850E	-2	0			
820E	-4	+3			
790E	-5	+2			
760E	-4	+1			

Vancouver B.C. Checked _____

Page 6

Oct. 14/79

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
LINE -90N					
BL 00 E	+5	-32			
30 E	+2	-32			
60 E	+4	-36			
90 E	+4	-35			Main Road
1+20 E	+2	-35			
1+50 E	+1	-29			Old Road
1+80 E	-2	-25			
2+10 E	-3	-24			
2+40 E	-2	-30			
2+70 E	-6	-25			
3+00 E	-9	-22			
End of Quarts					
Mtn survey.					

Vancouver B.C. Checked _____

Page 8

SAWMILL Oct 20/79

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
L2+70 N					
BL 1000 E	0	-11			Slp - 10°
970 E	-2	-4			Creek
940 E	-1	-6			Slight Slp +
910 E	-1	-8			Level
880 E	-1	-11			
850 E	-1	-11			
820 E	+1	-11			Level
790 E	+1	-1			
760 E	+1	-1			
730 E	+2	-1			
700 E	+4	-21			Slp + 12°
670 E	+7	-			
640 E	+10	-			
610 E	+9	-			
580 E	+13	-			
550 E	+10	-			Creek is
520 E	+6	+3			from Sawmill Creek

Vancouver B.C. Checked _____

EM FIELD NOTES

Page 5

Property Quartz Mtn. Date Oct. 14/79
Job No. 79-19 Operator S. BERRYMAN
Trans. SEATTLE Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
LINE -30N					
BL 00E	+6	-31			
30E	+6	-34			
60E	+4	-33			Old road
90E	+7	-32			Site of old house
1+20E	+7	-30			
1+50E	+6	-24			
1+80E	+5	21			Edge of Pit
2+10E	+2	-16			
2+40E	-1	-12			
2+70E	-3	-13			
3+00E	-3	-18			
LINE -60N					
3+00E	-6	-20			
2+70E	-1	-21			
2+40E	-3	-21			
2+10E	-3	-19			
1+80E	0	-25			
1+50E	+4	-27			
1+20E	+6	-32			Old road
90E	+7	-35			
60E	+14	-36			Slope 12°
30E	+2	-32			Bad flare on
BL 00E	+6	-32			

Vancouver B.C. Checked _____

EM FIELD NOTES

Page 7

Property Sawmill Date Oct. 19/79
Job No. 79-19 Operator S. Berryman
Trans. SEATTLE Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
L 3+00N					
					Slp to west
BL 1000E	0	-8			
970E	+1	-6			
940E	0	-6			
910E	+2	-7			Level
880E	+1	-11			
850E	+2	-11			Level
820E	+2	-11			
790E	+8	-11			
760E	+				
730E					EM Receiver was on the blue for this part of L 3+00N.
700E					
670E					
640E					
610E					
580E					
550E					
520E					

Vancouver B.C. Checked _____

Page 4

Oct. 13/79

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
LINE 30 N					ROAD.
BL 00 E	+6	-30			NULL WAS [illegible]
30 E	+10	-23			[illegible]
60 E	+4	-36			
90 E	+8	-34			IN PIT
1+20 E	+9	-30			IN PIT
1+50 E	+5	-24			IN PIT
1+80 E	+11	-23			[illegible]
2+10 E	+10	-17			[illegible]
2+40 E	+6	-15			Grad slp to
2+70 E	+2	-12			South 5-7°
3+00 E	+2	-13			
L 00 N					
3+00 E	-4	-13			
2+70 E	-1	-13			
2+40 E	+4	-15			
2+10 E	+4	-17			
1+80 E	[illegible]	[illegible]			
1+50 E	+10	-31			IN PIT
1+20 E	+14	-35			[illegible]
90 E	+11	-2			
60 E	+9	-3			
30 E	+10	-3			
BL 00 E	+5	-34			

Vancouver B.C. Checked _____

Page 3

Date: Oct. 13/79

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
LINE 90 N					
BL 00 E	+4	-35			
30 E	+8	-34			
60 E	+7	-32			IN PIT
90 E	+8	-25			IN PIT
1+20 E	+7	-21			IN PIT
1+50 E	+5	-17			IN PIT
1+80 E	+8	-16			
2+10 E	+8	-16			Grad. Slp to
2+40 E	+6	-14			South 8°
2+70 E	+6	-13			
3+00 E	+6	-13			
LINE 60 N					
3+00 E	+1	-12			
2+70 E	+4	-13			
2+40 E	+6	-16			
2+10 E	+8	-15			
1+80 E	+8	-14			Take off Pit
1+50 E	+6	-17			IN PIT
1+20 E	+8	-25			IN PIT
90 E	+7	-20			IN PIT
60 E	+5	-31			IN PIT
30 E	+3	-32			Edge of Pit
BL 00 E	+5	-33			

Vancouver B.C. Checked _____

EM FIELD NOTES

Page 1

Property Quartz Mtn. Date Oct. 12/79
Job No. 79-19 Operator S. BERRYMAN
Trans. SEATTLE Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM PAIRS	FILTERED DATA	REMARKS & SLOPE
Line 2+10N	+6	-30			Sloping south 12° not 2 mils N.-33
Stn. 30E	+8	-32			Slope south 10°
60E	+8	-30			Same
90E	+10	-29			Same
1+20E	+6	-25			Same
1+50E	+10	-25			HAVE BEEN READING IN READINGS AT
1+80E	+5	-21			EACH STATION.
2+10E	+8	-21			THIN FOREST
2+40E	+8	-21			& ROCK STREWN
2+70E	+9	-22			GROUND
3+00E	+9	-19			SLOPE CHANGE
End of Line					
Line 1+80N					
3+00E	+10	-17			
2+70E	+8	-16			
2+40E	+8	-19			
2+10E	+8	-18			
1+80E	+8	-21			2 small treepits to the south about 10 m
1+50E	+9	-23			
1+20E	+10	-25			
90E	+8	-28			
60E	+6	-29			
30E	+6	-32			
BL 00 E	+4	-34			

Vancouver B.C. Checked

EM FIELD NOTES

Page 2

Property Quartz Mtn. Date Oct. 12/79
Job No. 79-19 Operator S. BERRYMAN
Trans. SEATTLE Face South

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM PAIRS	FILTERED DATA	REMARKS & SLOPE
LINE 1+20N					Grad slp to south 6°
BL 00 E	+8	-36			
30E	+10	-36			
60E	+10	-35			Edge of pit
90E	+9	-32			In pit
1+20E	+10	-33			In pit
1+50E	+10	-22			Edge of pit
1+80E	+8	-18			
2+10E	+8	-11			Grad slp to South 10°
2+40E	+10	-16			
2+70E	+8	-16			
3+00E	+8	-12			
End of Line					
L 1+50N					
3+00E	+10	-15			
2+70E	+9	-17			Grad slope 6° - 8°
2+40E	+12	-17			
2+10E	+10	-17			ROCK STREWN
1+80E	+6	-21			Edge of pit about 20m due south 6° slp here
1+50E	+8	-23			
1+20E	+14	-32			
90E	+10	-31			
60E	+4	-30			
30E	+6	-31			
BL 00 E	+8	-35			

Vancouver B.C. Checked

APPENDIX V

Province of
British Columbia
Ministry of Mines and
Petroleum Resources

OCT 20 1979

MINERAL ACT

Statement of Exploration and Development

I, GARY GIROUX (Name) Agent for. MERIDIAN RESOURCES LTD (Name)

605 850 W HASTINGS ST. (Address) 706-675 W. HASTINGS ST. (Address)

VANCOUVER VANCOUVER B.C.

Valid subsisting F.M.C. No. 168001 Valid subsisting F.M.C. No. 168932

STATE THAT

1. I have done, or caused to be done, work on the JANET, JANET 1, BIRDIE LOAD, GOLDEN WOLFE, GOLD AND AZLIN Mineral Claim(s)
Record No.(s) 86, 87, 395, 396, 148 AND 394
Situate at Perry Creek in the FORT STEELE Mining Division,
to the value of at least $1500.00 dollars. Work was done from the 11 day
of OCTOBER, 1979, to the 17 day of OCTOBER 1979

2. The following work was done in the 12 months in which such work is required to be done:

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by section 13 of regulations.)	COST
TOTAL PHYSICAL	

B. PROSPECTING (Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

	COST
TOTAL PHYSICAL AND PROSPECTING	

I wish to apply $_____ of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.)
(The itemized cost statement must be part of the report.)

	COST

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL
(Details in report submitted as per section 5, 6, or 7 of regulations.)
(The itemized cost statement must be part of the report.)
(State type of work in space below.)

GEOCHEMICAL & EM-16 SURVEY	1500.00
(REPORT TO FOLLOW)	
TOTAL OF C AND D	1500.00

Who paid for the above-described work? Name GALLANT GOLD MINES LTD.
Address 706-675 W. HASTINGS ST.
VANCOUVER. B.C

Portable Assessment Credits (PAC) Withdrawal Request	AMOUNT
Amount to be withdrawn from owner(s) account(s): Name of Owner	
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.) 1.	
2.	
3.	
4.	
TOTAL WITHDRAWAL	
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	1500.00

I wish to apply $ 1500.00 of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record.)

JANET (86) 1 unit	100.00	1yr
JANET 1 (87) 4 units	400.00	1yr
AZLIN (394) 6 units	600.00	1yr
GOLDEN WOLFE (396) 4 units	400.00	1yr
	1500.00	

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

	Name	AMOUNT
In owner(s) name.	1.	
	2.	
	3.	
In operator(s) name (person paying for the work).	1.	
	2.	
	3.	

(Signature of Applicant)

Province of
British Columbia
Ministry of Mines and
Petroleum Resources

MINERAL ACT

SUB-RECORDER
RECEIVED
OCT 30 1979
M.R. # ..... $ .....
VANCOUVER, B.C.

Statement of Exploration and Development

I, GARY GIROUX (Name) Agent for MERIDIAN RESOURCES LTD (Name)

605 850 W HASTINGS ST. (Address) 706-675 W HASTINGS ST. (Address)

VANCOUVER (Address) VANCOUVER B.C. (Address)

Valid subsisting F.M.C. No. 168001 Valid subsisting F.M.C. No. 168932

STATE THAT

1. I have done, or caused to be done, work on the LUKE, MARK, JOHN Mineral Claim(s)

Record No.(s) 137, 136, 138

Situate at PERRY & WALSH CR. in the FORT STEELE Mining Division,

to the value of at least 1900 dollars. Work was done from the 5 day

of OCTOBER 1979, to the 15 day of OCTOBER 1979

2. The following work was done in the 12 months in which such work is required to be done:

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by section 13 of regulations.)	COST
TOTAL PHYSICAL	

B. PROSPECTING (Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

	COST
TOTAL PHYSICAL AND PROSPECTING	

I wish to apply $ ..... of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.)
(The itemized cost statement must be part of the report.)

	COST

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL
(Details in report submitted as per section 5, 6, or 7 of regulations.)
(The itemized cost statement must be part of the report.)
(State type of work in space below.)

LINECUTTING & GEOCHEMISTRY	1900.00
TOTAL OF C AND D	1900.00

Who paid for the above-described work? Name GALLANT GOLD MINES
Address 706-675 W HASTINGS ST.
VANCOUVER, B.C.

Portable Assessment Credits (PAC) Withdrawal Request	AMOUNT
Amount to be withdrawn from owner(s) account(s): Name of Owner	
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.) 1.	
2.	
3.	
4.	
TOTAL WITHDRAWAL	
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	1900.00

I wish to apply $ 1900.00 of this work to the claims listed below.
(State number of years to be applied to each claim and its month of record.)

MARK (6)	136 (11)	1 yr.	600.00
LUKE (5)	137 (11)	1 yr	900.00
JOHN (4)	138 (11)	1 yr	400.00
			1900.00

Value of work to be credited to portable assessment credit (PAC) account(s).
(May only be credited from the approved value of C and (or) D not applied to claims.)

	Name	AMOUNT
In owner(s) name.	1.	
	2.	
	3.	
In operator(s) name (person paying for the work).	1.	
	2.	
	3.	

E. W. Giroux
(Signature of Applicant)

Province of
British Columbia
Ministry of Mines and
Petroleum Resources

SUPERVISOR
RECEIVED
OCT 30 1979
M.R. # ..... S .....
VANCOUVER
MINERAL ACT

JOHN WOLFE
101 - 2117 - 2ND ST
N. CRANBROOK, B.C
173118

~~DICK HUGHES~~
~~700 - 675 W HASTINGS ST~~
~~VANCOUVER B.C.~~ 2NA.

Statement of Exploration and Development

2NA.

I, GARY GIROUX (Name) Agent for MERIDIAN RESOURCES LTD. (Name)

665 - 550 W HASTINGS ST (Address) 700 - 675 W HASTINGS ST (Address)

VANCOUVER B.C. ~~VANCOUVER~~ B.C.

Valid subsisting F.M.C. No. 168001 Valid subsisting F.M.C. No. ~~165232~~

STATE THAT

1. I have done, or caused to be done, work on the ECLIPSE, ANNA, STANDARD, AGNES, PIONEER, OYSTER, EVENING STAR Mineral Claim(s)
Record No.(s) 343, 344, 345, 346, 347, 348, 349
Situate at FERRY CREEK in the FORT STEELE Mining Division,
to the value of at least $ 700.00 dollars. Work was done from the 20 day
of SEPTEMBER 19 79, to the 25 day of SEPTEMBER 19 79

2. The following work was done in the 12 months in which such work is required to be done:

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by section 13 of regulations.)	COST
TOTAL PHYSICAL	

B. PROSPECTING (Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

	COST
TOTAL PHYSICAL AND PROSPECTING	

I wish to apply $ ..... of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.)
(The itemized cost statement must be part of the report.)

	COST

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL
(Details in report submitted as per section 5, 6, or 7 of regulations.)
(The itemized cost statement must be part of the report.)
(State type of work in space below.)

LINECUTTING & GEOCHEMISTRY	700.00
TOTAL OF C AND D	700.00

Who paid for the above-described work? Name GALLANT GOLD MINES
Address 706-675 W HASTINGS ST.
VANCOUVER B.C.

Portable Assessment Credits (PAC) Withdrawal Request		AMOUNT
Amount to be withdrawn from owner(s) account(s):	Name of Owner	
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.)	1.	
	2.	
	3.	
	4.	
	TOTAL WITHDRAWAL	
	TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	

I wish to apply $ 700.00 of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record.)

ECLIPSE	(363 (11))	1 yr.	100
ANNA	344 (11)	1 yr	100
STANDARD	345 (11)	1 yr	100
AGNES	346 (11)	1 yr	100
PIONEER	347 (11)	1 yr	100
OYSTER	348 (11)	1 yr	100
EVENING STAR	349 (11)	1 yr	100
			$700

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

	Name	AMOUNT
In owner(s) name.	1.	
	2.	
	3.	
In operator(s) name (person paying for the work).	1.	
	2.	
	3.	

G. H. Gilmour
(Signature of Applicant)

Province of British Columbia
Ministry of Mines and Petroleum Resources

MINERAL ACT

R.W. Hughes 449
706-675 W. HASTINGS ST.
VANCOUVER B.C.
F.M.C.

Statement of Exploration and Development

I, GARY GIROUX (Name)
605 850 W HASTINGS ST. (Address)
VANCOUVER
Valid subsisting F.M.C. No. 168001

Agent for MERIDIAN RESOURCES LTD. (Name)
706-675 W. HASTINGS ST. (Address)
VANCOUVER B.C.
Valid subsisting F.M.C. No. 168932

STATE THAT

1. I have done, or caused to be done, work on the TANIS, PETER ROCK, LONE EAGLE, QUARTZ CREEK Mineral Claim(s)
Record No.(s) 149, 397, 97, 98 #5
Situate at SAWMILL CR. in the FORT STEELE Mining Division,
to the value of at least 900 dollars. Work was done from the 20 day
of OCTOBER 1979, to the 27 day of OCTOBER 1979,

2. The following work was done in the 12 months in which such work is required to be done:

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by section 13 of regulations.)	COST
TOTAL PHYSICAL	

B. PROSPECTING (Details in report submitted as per section 9 of regulations.) (The itemized cost statement must be part of the report.)

	COST
TOTAL PHYSICAL AND PROSPECTING	

I wish to apply $_____ of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.)
(The itemized cost statement must be part of the report.)

	COST

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL
(Details in report submitted as per section 5, 6, or 7 of regulations.)
(The itemized cost statement must be part of the report.)
(State type of work in space below.)

GEOCHEMICAL & EM-16 SURVEY	900.00
(REPORT TO FOLLOW)	
TOTAL OF C AND D	900.00

Who paid for the above-described work? Name GALLANT GOLD MINES LTD.
Address 706-675 W. HASTINGS ST.
VANCOUVER B.C.

Portable Assessment Credits (PAC) Withdrawal Request	AMOUNT
Amount to be withdrawn from owner(s) account(s):	
Name of Owner	
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.) 1.	
2.	
3.	
4.	
TOTAL WITHDRAWAL	
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	900.00

I wish to apply $ 900 of this work to the claims listed below.
(State number of years to be applied to each claim and its month of record.)

PETER ROCK (397) 9units 1yr. 900

Value of work to be credited to portable assessment credit (PAC) account(s).
(May only be credited from the approved value of C and (or) D not applied to claims.)

	Name	AMOUNT
In owner(s) name.	1.	
	2.	
	3.	
In operator(s) name (person paying for the work).	1.	
	2.	
	3.	

G H Giroux
(Signature of Applicant)

Province of
British Columbia
Ministry of Mines and
Petroleum Resources

MINERAL ACT

SUB-RECORDER
RECEIVED
FEB - 6 19[illegible]
M.R. #40224 $ 462.00
VANCOUVER, B.C.

Statement of Exploration and Development

I, Douglas F. Symonds (Name)
605-850 W. Hastings St. (Address)
Vancouver, B.C.
Valid subsisting F.M.C. No. 171908

Agent for Gallant Gold Mines Ltd. (Name)
706-675 W. Hastings St (Address)
Vancouver, B.C.
Valid subsisting F.M.C. No. 177925

STATE THAT

1. I have done, or caused to be done, work on the ~~[illegible]~~ Angus 300 (1/5) Mineral Claim(s)
Record No.(s) ~~[illegible]~~ 709 (1/4)
Situate at Perry Creek in the Fort Steele Mining Division,
to the value of at least ..... dollars. Work was done from the 22 day
of October 1979, to the 24 day of October 1979

2. The following work was done in the 12 months in which such work is required to be done:

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by section 13 of regulations.)	COST
TOTAL PHYSICAL	

B. PROSPECTING (Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

	COST
TOTAL PHYSICAL AND PROSPECTING	

I wish to apply $.....of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.)
(The itemized cost statement must be part of the report.)

	COST

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL
(Details in report submitted as per section 5, 6, or 7 of regulations.)
(The itemized cost statement must be part of the report.)
(State type of work in space below.)

Linecutting, Geochemistry, Geophysics	1385.42
(Report to follow Feb 10/80)	
TOTAL OF C AND D	1385.42

Who paid for the above-described work? Name Gallant Gold Mines Ltd.
Address 706-675 W. Hastings St.
Vancouver, B.C.

Portable Assessment Credits (PAC) Withdrawal Request		AMOUNT
Amount to be withdrawn from owner(s) account(s):	Name of Owner	
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.)	1. Gallant Gold Mines Ltd.	114.58
	2.	
	3.	
	4.	
	TOTAL WITHDRAWAL	114.58
	TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	1500.00

I wish to apply $ 1500.00 of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record.)

Angus 300 (15)	709(7)	1 yr	$1500.00

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

	Name	AMOUNT
In owner(s) name.	1.	
	2.	
	3.	
In operator(s) name (person paying for the work).	1.	
	2.	
	3.	

D. J. Hughes.
(Signature of Applicant)

SUB-RECORDER
RECEIVED
FEB - 6 1980
M.R. # ..... S .....
VANCOUVER, B.C.

Province of
British Columbia
Ministry of Mines and
Petroleum Resources

MINERAL ACT

SUB-RECORDER
RECEIVED
FEB - 6 1980
M.R. # 140224 $ 400.00
VANCOUVER, B.C.

Statement of Exploration and Development

I, Douglas F. Symonds (Name) Agent for Meridian Resources Ltd. (Name)

605 - 850 W. Hastings St. (Address) 706 - 675 W. Hastings St. (Address)

Vancouver, B.C. Vancouver, B.C.

Valid subsisting F.M.C. No. 171908 Valid subsisting F.M.C. No. 168932

STATE THAT

1. I have done, or caused to be done, work on the Tanis Mineral Claim(s)

Record No.(s) 149

Situate at Perry Creek in the Fort Steele Mining Division,

to the value of at least $800.00 dollars. Work was done from the 20 day

of October 1979, to the 27 day of October 1979.

2. The following work was done in the 12 months in which such work is required to be done:

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by section 13 of regulations.)	COST
TOTAL PHYSICAL	

B. PROSPECTING (Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

	COST
TOTAL PHYSICAL AND PROSPECTING	

I wish to apply $ ..... of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.)
(The itemized cost statement must be part of the report.)

	COST

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL
(Details in report submitted as per section 5, 6, or 7 of regulations.)
(The itemized cost statement must be part of the report.)
(State type of work in spuce below.)

Line cutting, Geophysics, Geochemistry	1030.83
(Report to follow: Feb 10/80)	
TOTAL OF C AND D	1030.83

Who paid for the above-described work? Name Gallant Gold Mines Ltd.
Address 706 – 675 W. Hastings St.
Vancouver, B.C.

Portable Assessment Credits (PAC) Withdrawal Request	AMOUNT
Amount to be withdrawn from owner(s) account(s):	
Name of Owner	
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.) 1.	
2.	
3.	
4.	
TOTAL WITHDRAWAL	
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	

I wish to apply $ 800.00 – 400.00 (work) 400.00 (credit) of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record.)

Tanis (4) Feb 1st 149 (2) @ 100.00/yr. – ~~$200.00~~ 400.00
credit – 400.00

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

	Name	AMOUNT
In owner(s) name.	1.	
	2.	
	3.	
In operator(s) name (person paying for the work).	1. Gallant Gold Mines Ltd.	230.83
	2.	
	3.	

(Signature of Applicant)

Province of
British Columbia
Ministry of Mines and
Petroleum Resources

MINERAL ACT

Statement of Exploration and Development

I, Douglas F. Symonds (Name) Agent for Meridian Resources Ltd. (Name)

605-850 W. Hastings St. (Address) 706-675 W. Hastings St. (Address)

Vancouver, B.C. V6C-1E1 Vancouver, B.C.

Valid subsisting F.M.C. No. 191908 Valid subsisting F.M.C. No. 168932

STATE THAT

1. I have done, or caused to be done, work on the Gold (10) Mineral Claim(s)

Record No.(s) 148 (2)

Situate at Perry Creek in the Fort Steele Mining Division,

to the value of at least $2000.00 dollars. Work was done from the 11 day

of October 19 79, to the 17 day of October 19 79

2. The following work was done in the 12 months in which such work is required to be done:

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by section 13 of regulations.)	COST
TOTAL PHYSICAL	

B. PROSPECTING (Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

	COST
TOTAL PHYSICAL AND PROSPECTING	

I wish to apply $ _____ of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.)
(The itemized cost statement must be part of the report.)

	COST

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL
(Details in report submitted as per section 5, 6, or 7 of regulations.)
(The itemized cost statement must be part of the report.)
(State type of work in space below.)

Line cutting, Geophysical, Geochemical	$2061.00
(Report to follows: Feb 10/80)	
TOTAL OF C AND D	$2061.00

Who paid for the above-described work? Name Gallant Gold Mines Ltd.
Address 706 - 675 W. Hastings St.
Vancouver, B.C.

Portable Assessment Credits (PAC) Withdrawal Request		AMOUNT
Amount to be withdrawn from owner(s) account(s):	Name of Owner	
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.)	1.	
	2.	
	3.	
	4.	
	TOTAL WITHDRAWAL	
	TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	

I wish to apply $ 2000.00 of this work to the claims listed below.
(State number of years to be applied to each claim and its month of record.)

Gold (10) 148(2) Feb 4th 1 year $2000.00

Value of work to be credited to portable assessment credit (PAC) account(s).
(May only be credited from the approved value of C and (or) D not applied to claims.)

	Name	AMOUNT
In owner(s) name.	1.	
	2.	
	3.	
In operator(s) name (person paying for the work).	1. Gallant Gold Mines Ltd.	61.00
	2.	
	3.	

(Signature of Applicant)

SUB-RECORDER
RECEIVED
FEB - 6 1980
M.R. ..... S. .....
VANCOUVER, B.C.

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES BRANCH–TITLES DIVISION

MINERAL ACT

OCT 30 1979

FORM I

NOTICE TO GROUP

Mining Division FORT STEELE Location PERRY CREEK SOUTH OF KIMBERLY

Name of group JANET GROUP Map No. 82F/9E

We, the undersigned owners* of the following adjoining claims, desire to group them according to the provisions of the *Mineral Act*:–

NAME OF CLAIM	No. of Units	Record No. or Lot No.	Month of Record	SIGNATURE OF OWNER*	Free Miner Certificate No.
JANET	1	86	10		
JANET 1	4	87	10		
BIRDIE LOAD	1	395	11	MERIDIAN RESOURCES LTD.	166932
GOLDEN WOLFE	4	396	11	"	"
GOLD	10	148	2	"	"
AZLIN	6	394	11	"	"

* May be signed by agent on behalf of owner.

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

MINERAL ACT

FORM I

NOTICE TO GROUP

Mining Division FORT STEELE Location SAWMILL CR. WEST OF KIMBERLY

Name of group ROCK GROUP Map No. 82 G/3 F 19E

We, the undersigned owners* of the following adjoining mineral claims, desire to group them according to the provisions of the *Mineral Act*:—

NAME OF CLAIM	No. of Units	Record No. or Lot No.	Month of Record	SIGNATURE OF OWNER*	Free Miner's Certicate No.
TANIS	4	149	2	MERIDIAN RESOURCES	168932
PETER ROCK	9	397	11	MERIDIAN RESOURCES	168932
LONE EAGLE	1	97	11	RW Hughes	168934
QUARTZ CREEK	1	98	11	RW Hughes	168934
				Agent	
				GN Gruenwald	168007

* May be signed by agent on behalf of owner.

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

MINERAL ACT

FORM I

SUB-RECORDER
RECEIVED
FEB - 6 1980
M. 140224 E S. 460 00
VANCOUVER, B.C.

$5.00

NOTICE TO GROUP

Mining Division FORT STEELE Location PERRY CREEK AREA

Name of group ANGUS Map No. 82F/9E

We, the undersigned owners* of the following adjoining mineral claims, desire to group them according to the provisions of the *Mineral Act*:—

NAME OF CLAIM	No. of Units	Record No. or Lot No.	Month of Record	SIGNATURE OF OWNER*	Free Miner's Certificate No.
Angus 200	6	708	7	GALLANT GOLD	11925
(21) Angus 300	15	709	7	MINES LIMITED	
				DOUGLAS E. SYMONDS	191708
				(AS AGENT)	
				[signature]	

* May be signed by agent on behalf of owner.

APPENDIX VI

GEOCHEMICAL SAMPLING PROCEDURE

Soil samples were taken from the "B" horizon, as much as possible, at a nominal depth of 15-25 cm. Samples were placed in kraft bags for shipping, and sent to Min-En Laboratory, in North Vancouver, B.C.

The samples were dried and then screened. In most cases the -80 mesh fraction was used for analysis, but when insufficient fine material was present in the sample, the -20 mesh fraction was used. (see Appendix I).

The samples were then analysed using standard (acid dissolution-atomic absorption) techniques for geochemical samples.

ANGUS 200 CLAIM

ANGUS 300 CLAIM

ANGUS GRID
(see Figures 6 and 10 for details)
M.C.L. 1979 samples

QUARTZ MOUNTAIN GRID
(see Figures 8 and 12 for details)
M.C.L. 1979 samples

QUARTZ CREEK CLAIM

LONE EAGLE CLAIM

SAWMILL GRID
(see Figures 7 and 11 for details)
M.C.L. 1979 samples

LISBON GRID (see Figures 5 and 9 for details)
M.C.L. 1979 samples

PETER ROCK CLAIM

TANIS CLAIM

GOLD CLAIM

AZLIN CLAIM

JANET 1 CLAIM

JANET CLAIM

GOLDEN WOLFE CLAIM

JOHN CLAIM

MARK CLAIM

LUKE CLAIM

ECLIPSE GROUP

PETRA GROUP

LEGEND

- ROAD
- TRAIL
- CLAIM BOUNDARY
- AIR PHOTO CENTRE
- GEOLOGIC CONTACT - ROCK TYPE
- SCHISTOSITY
- ADIT
- TRENCH
- FAULT
- LEDGE

METERS 0 500 1000 1500

GEOCHEMICAL SOIL-SEDIMENT SAMPLES

GOLD VALUES IN PPB

- SAMPLE TAKEN BY MONTGOMERY CONSULTANTS LIMITED (1978)
- SAMPLE TAKEN BY MERIDIAN RESOURCES LIMITED (1978)
- GRID FOR SAMPLES TAKEN BY GALLANT GOLD MINES LIMITED (1979) (SEE DETAILS DUBLIN CR. LOWER RIGHT)
- ANOMALOUS GOLD IN M.C.L. SAMPLES (1979) (≥ 35 PPB)

NOTE: SOME ROCK ASSAYS IN OZ. PER TON.

4' QUARTZ VEIN

PITS
SAMPLE No. 3380 B
3381 B
(PROBABLY LOWER LEDGE)

2 OR 3 5' QUARTZ VEINS
SAMPLE No. 3382 B

10' QUARTZ VEIN
SAMPLE No. 3379 B
SAMPLE No. 3376 B
3377 B
ADIT (PROBABLY PLACER)

25' QUARTZ VEIN (PROBABLY BIG EDGE)
SAMPLE No. 3378 B
8' QUARTZ VEIN (PROBABLY LOWER EDGE)

SHAFT
SAMPLE No. 3394 B

TRENCH
SAMPLE No. 3391 B

SHAFT
SAMPLE No. 3383 B
3384 B

ADIT
SAMPLE No. 3383 B

ADIT
SAMPLE No. 3386 B

TRENCH SAMPLE No. 3387 B
3388 B

ADIT SAMPLE No. 3392 B
3393 B

ADIT SAMPLE No. 3389 B

QUARTZ VEIN
SAMPLE No. 6258 B

SHAFT

TRENCHES
SAMPLE No. 6275 B

2' QUARTZ VEIN

LARGE QUARTZ OUTCROP

35' QUARTZ VEIN
SAMPLE No. 6263 B
6264 B
6265 B
6266 B
6267 B

8' QUARTZ VEIN (LOWER LEDGE)
ADIT (IMERIX CR.) SAMPLE No 6273 B
6274 B

60' QUARTZ VEIN (BIG LEDGE)
SAMPLE 6272 B

11' QUARTZ VEIN (UPPER LEDGE)
SAMPLE No. 6270 B
6271 B

7' QUARTZ VEIN
SAMPLE No. 6268 B
6269 B

QUARTZ VEIN
MINOR PYRITE
IN GREEN PHYLONITE

DETAIL OF PIT AT RIGHT
0 2.5 5.0

L.A. L.B. L.C. L.D. L.E. L.F. L.G. L.H. L.J. L.K. L.L. L.M.

+ MT. BIGATTINI

PERRY CREEK
PARSLEY CR.
ROME CR.
PARIS CR.
FRANCE CR.
DUBLIN CR.
GLASGOW CR.
LONDON CR.
WAVERLY CR.
WALSH CR.
LIVERPOOL CR.
SHORTY CR.
MANCHESTER CR.
WIGWAM CR.
NOKE CR.

BC 4076
BC 7770
BC 4075

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 7723

LOCAL GEOLOGY GEOCHEMICAL PLAN GOLD
PERRY CREEK (CRANBROOK) AREA PROJECT
GALLANT GOLD MINES LIMITED

MONTGOMERY CONSULTANTS LIMITED JANUARY 15, 1980

DETAILS OF 1979 SAMPLING DONE BY GALLANT GOLD MINES LTD.

FIGURE 4