

**GEOCHEMICAL ASSESSMENT REPORT
ON THE YELLOW JACKET II
LODE MINERAL CLAIM**

DEC 09 1996
Gold Commissioner's Office
VANCOUVER, B.C.

Lillooet Mining Division

Latitude: 50° 56.0'

Longitude: 122° 47.0'

NTS: 92J/15W

On behalf of:

U. S. PLATINUM INC.
4220 Quarry Road
Coquitlam, B.C., V3P 1B6

	CLAIMS:	
<i>Claim Name</i>	<i># of Units</i>	<i>New Tenure #</i>
Yellow Jacket II	15	346165

Doug Symonds, P.Geo.
Vancouver, B.C.

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

October 23rd, 1996

24,842

TABLE OF CONTENTS

	<u>Page #</u>
1.0 INTRODUCTION	1
2.0 SUMMARY & CONCLUSIONS	2
3.0 LOCATION & ACCESS	3
4.0 CLAIM INFORMATION	6
5.0 REGIONAL GEOLOGY	6
6.0 PREVIOUS WORK	10
7.0 GEOCHEMICAL SURVEY	10
7.10 Survey Method	10
7.20 Laboratory Analytical Method	11
7.30 Data Analysis Method	12
7.40 Discussion of Results	12
8.0 CONCLUSIONS & RECOMMENDATIONS	14
9.0 STATEMENT OF QUALIFICATIONS	16

APPENDICES

- I LABORATORY ANALYSIS SHEETS**
- II STATISTICAL DATA ANALYSIS SHEETS**
- III REFERENCES**
- IV COST STATEMENT**

LIST OF FIGURES

	<u>Page #</u>
3-1 LOCATION MAP <i>(Scale Approximately 1:1,723,000)</i>	4
3-2 ACCESS MAP <i>(Scale 1:250,000)</i>	5
4-1 CLAIM MAP <i>(Scale 1:50,000)</i>	7
5-1A REGIONAL GEOLOGY MAP <i>(Scale 1:250,000)</i>	8
5-1B LEGEND TO ACCOMPANY REGIONAL GEOLOGY MAP (FIG. 5-1A)	9
7-1A SOIL GEOCHEMISTRY GOLD in PPB <i>(Scale 1:5,000)</i>	(Pocket)
7-1B SOIL GEOCHEMISTRY SILVER in PPM <i>(Scale 1:5,000)</i>	(Pocket)
7-1C SOIL GEOCHEMISTRY ARSENIC in PPM <i>(Scale 1:5,000)</i>	(Pocket)
7-1D SOIL GEOCHEMISTRY COPPER in PPM <i>(Scale 1:5,000)</i>	(Pocket)

- 7-1E SOIL GEOCHEMISTRY (Pocket)**
MOLYBDENUM in PPM
(Scale 1:5,000)
- 7-1F SOIL GEOCHEMISTRY (Pocket)**
LEAD in PPM
(Scale 1:5,000)
- 7-1G SOIL GEOCHEMISTRY (Pocket)**
ANTIMONY in PPM
(Scale 1:5,000)
- 7-1H SOIL GEOCHEMISTRY (Pocket)**
ZINC in PPM
(Scale 1:5,000)

1.0 INTRODUCTION

This report has been prepared at the request of *U.S. Platinum Inc.*, 4220 Quarry Road, Coquitlam, B.C. in compliance with current assessment report standards for the Province of British Columbia.

U.S. Platinum Inc. holds title to the *Yellow Jacket II Lode Mineral Claim*, located some 400 air-kilometers northerly from the City of Vancouver, B.C. The report summarizes the results of a soil geochemical sampling program carried out on the *Yellow Jacket II Lode Mineral Claim* during the month of September, 1996.

2.0 SUMMARY & CONCLUSIONS

U.S. Platinum Inc. holds title to the *Yellow Jacket II Lode Mineral Claim*, located some 400 air-kilometers northerly from the City of Vancouver, B.C. Access to the property is by road from Lillooet, B.C. westerly along the north shore of Carpenter Lake and northerly towards Tyaughton Lake.

The *Yellow Jacket II Lode Mineral Claim*, nominally 15 units in size, is approximately 325 hectares in area. The claim is located on the east side of Tyaughton Lake, towards the south end of the lake.

The claim is underlain by sediments, some volcanics and their weakly-metamorphosed equivalents (greenstone, basalt, chert, argillite, phyllite, minor limestone, serpentine and serpentized peridotite) of the Triassic and Jurassic Bridge River (Fergusson) Group.

A volcanic ash layer covers the claim area. This ash layer lies within about 15 centimeters of the surface and varies from 20 to 70 centimeters in thickness.

A great deal of work has been carried out previously in the area surrounding the *Yellow Jacket II Lode Mineral Claim*. On the *Yellow Jacket claim (Golden Sidewalk Property)* immediately to the south, mineralization as delineated in trenches and drill holes, occurs generally in discrete fault-related

veins (*Dauntless Vein, Peerless Vein*) and in shear zones (*Alpha Zone, Beta Zone*). The mineralized veins and shears consist typically of quartz, calcite, arsenopyrite, pyrite, sphalerite, galena and variable gold-silver values. The trend of these mineralized veins and shear structures is generally 040 degrees to 080 degrees.

No record of previous work could be found on the *Yellow Jacket II Lode Mineral Claim* proper from a search of *Minfile* references.

During September of 1996 a soil geochemical survey was conducted over a portion of the *Yellow Jacket II Lode Mineral Claim*. A total of 246 samples were taken and analysed for Au, Ag, As, Cu, Mo, Pb, Sb and Zn. A 060 degree baseline was established. Samples were taken at 100 meter line and 25 meter station spacings.

This soil geochemical survey resulted in the detection of significant multi-element (Au, Ag, As, Cu, Mo, Pb, Sb, Zn) anomalous values, most of which occur on the west side of the survey grid. These anomalous values reflect the northerly extension of multi-element geochemical anomalies detected on the *Yellow Jacket* claim, immediately to the south.

Recommendations are made to complete the 100 meter spacing geochemical grid over the entire *Yellow Jacket II Lode Mineral Claim*. Au geochemical anomalies are to be detailed at 50 meter line and 25 meter sample spacing. These detailed Au geochemical anomalies are to be trenched and sampled. Significant mineralized zones delineated by surface trenching are to be tested with a large core diamond drill.

No budget has been prepared for the recommended work. *U.S. Platinum Inc.* is currently negotiating an option agreement for the *Yellow Jacket* claim which is immediately south of the *Yellow Jacket II Lode Mineral Claim*. Upon completion of this option agreement, a comprehensive report will be prepared on the 2-claim package, with recommendations for a coordinated program of exploration.

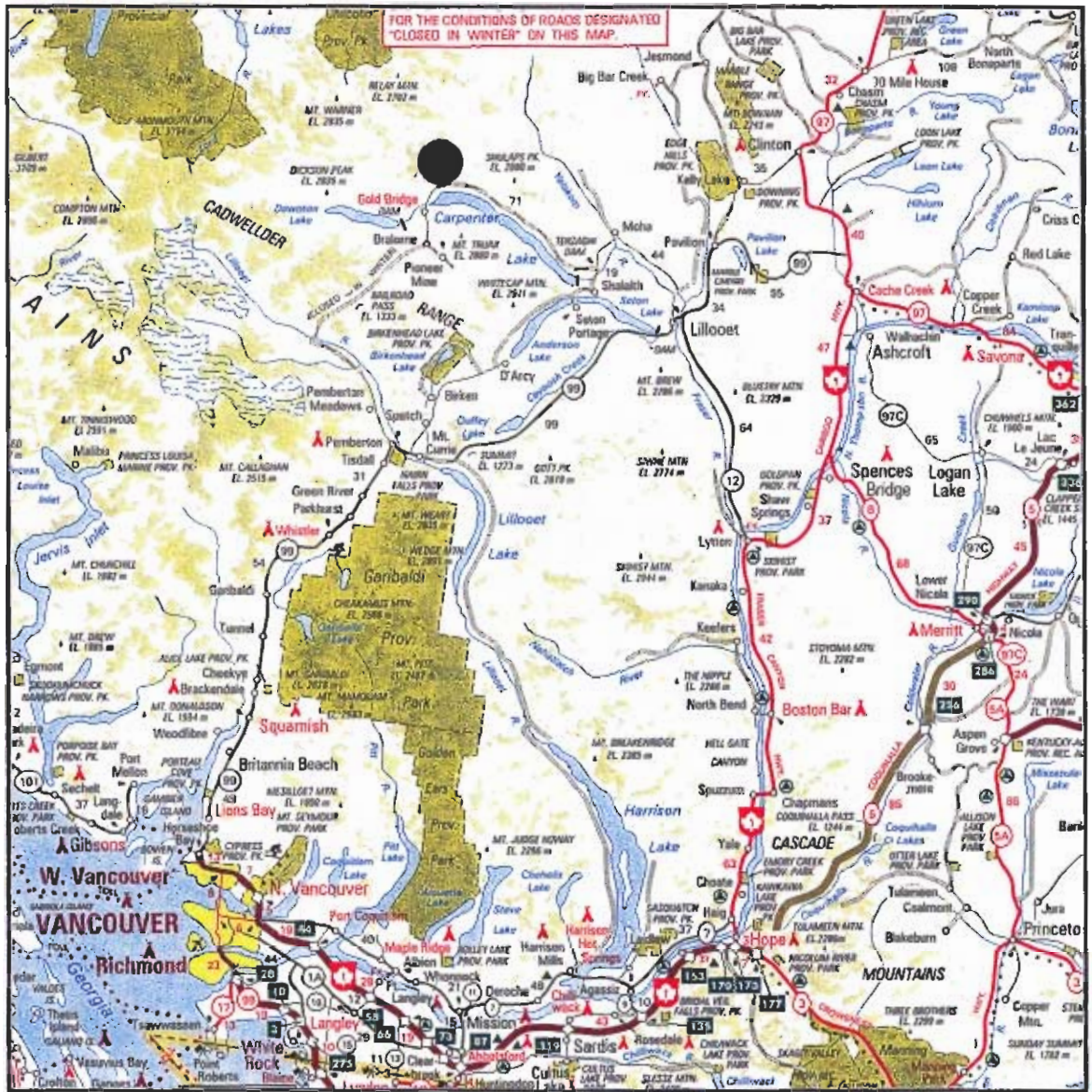
3.0 LOCATION & ACCESS

The *Yellow Jacket II Lode Mineral Claim* is located approximately 400 air-kilometers northerly from the City of Vancouver, B.C. (see **Figure 3-1**). Access to the claim area is by paved highway to Lillooet, B.C. Lillooet can be reached from Vancouver via Squamish and the Duffey Lake road (Highway 99), or via Lytton in the Fraser Canyon (Highways 1 & 12). From Lillooet, the road along the north shore of Carpenter Lake is taken westerly to a point approximately 12 kilometers east of Goldbridge, B.C. (see **Figure 3-2**). At this point a gravel road leads northerly towards the claim area and the nearby *Tyax Mountain Resort*. This gravel road is followed northerly for a distance of approximately 4 kilometers (see **Figure 4-1**). At this point, about 1.5 kilometers south of the south end of Tyaughton Lake, a main logging haul road is taken northeasterly towards the claim area. Several branch roads off this main haul road provide good access to the claim area.

A broad northeast-trending ridge is the most prominent topographic feature of the south-central claim area. Elevations on the claim range from about 1100 meters on the south border of the claim to about 1450 meters at the northeast corner of the claim.

A large portion of the claim area covered by the 1996 soil geochemical grid (see **Figure 4-1**) has been logged off. This logging was not recent, as evidenced by the size of stumps and the height of the sporadic new growth.

There was no evidence of standing or running water on the property at the time the geochemical sampling was carried out (September, 1996).



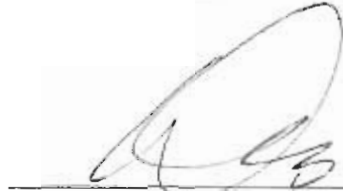
0 50 100 150
 Approximate Scale in Kilometers

● PROPERTY LOCATION

U.S. PLATINUM INC.

LOCATION MAP

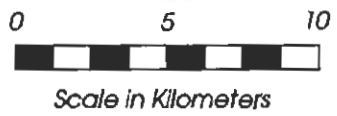
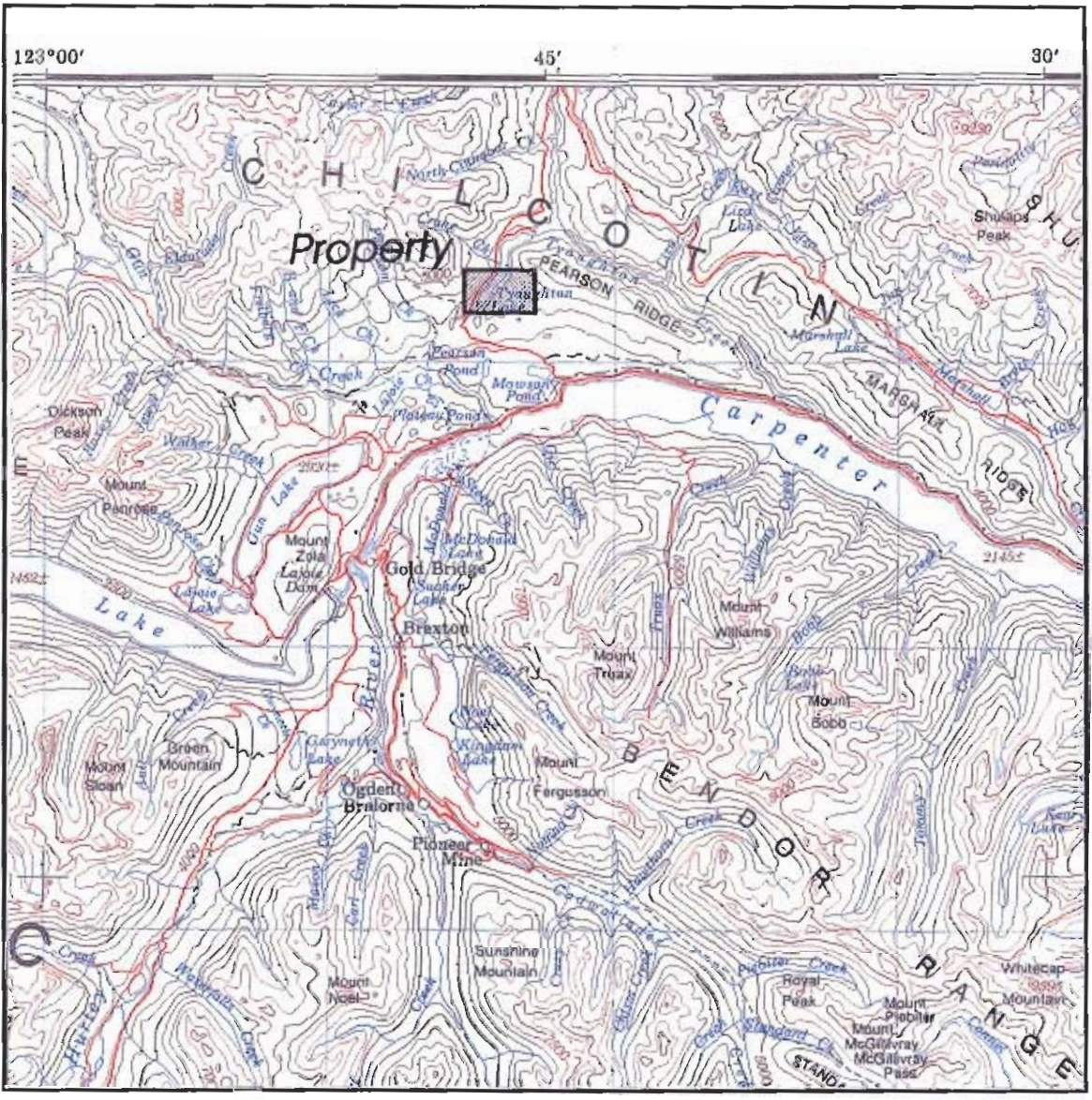
Yellow Jacket II Lode Mineral Claim


 Doug Symonds, P.Geo.
 (To Accompany a Report Dated October 23, 1996)

NTS: 92J/15W

LILLOOET M.D.

Fig. 3-1




Source: 1:250,000 Scale Topographic Mapping (Map Sheet 92J)

U.S. PLATINUM INC.

ACCESS MAP

Yellow Jacket II Lode Mineral Claim


 Doug Symonds, P.Geo.
 (To Accompany a Report Dated October 23, 1996)

NTS: 92J/15W

LILLOOET M.D.

Fig. 3-2

4.0 CLAIM INFORMATION

On September 5th, 1996 the author accessed claim information for the *Yellow Jacket II Lode Mineral Claim*. The MIDA on-line database system at the office of the Mining Recorder in Vancouver, B.C. was used to prepare the following summary:

<i>Claim Name</i>	<i># of Units</i>	<i>New Tenure #</i>	<i>Expiry Date</i>	<i>Owner of Record (%)</i>
Yellow Jacket II	15	346185	1997/MAY/30	U.S. PLATINUM INC. (100% Owner)

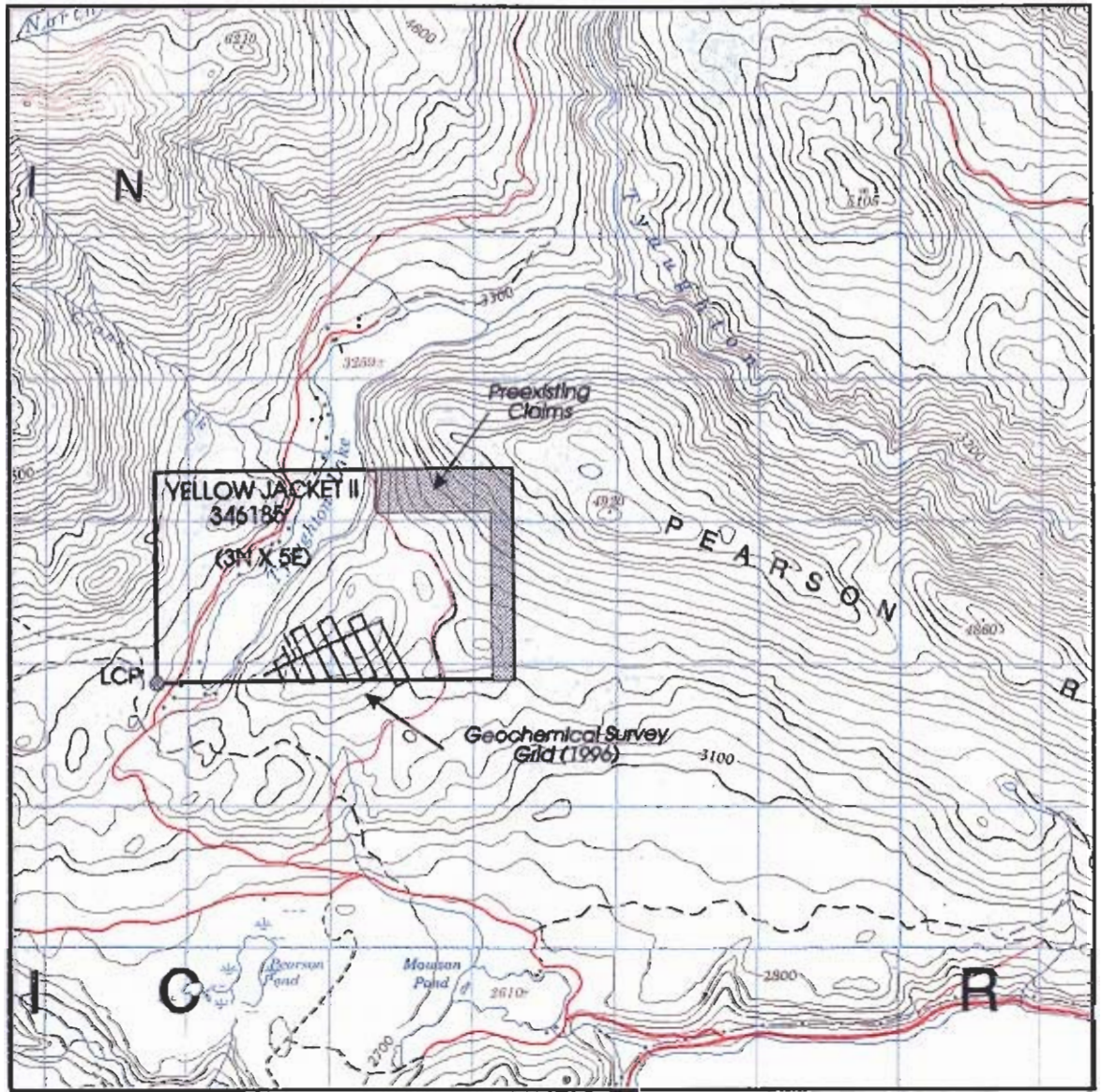
The *Yellow Jacket II Lode Mineral Claim* totaling 15 units is located in the Lillooet Mining Division(see Figure 4-1). **Figure 4-1** shows claim location information. Total claim area covered by the *Yellow Jacket II Lode Mineral Claim* is estimated to be approximately 325 hectares.

5.0 REGIONAL GEOLOGY

The regional geology of the Pemberton area has been compiled most recently in 1977 by the Geological Survey of Canada as a portion of Open File Map #482. The pertinent area of this map is reproduced as **Figure 5-1A**. Description of the various rock units is shown in the map legend, **Figure 4B**.

Triassic and Jurassic Bridge River (Fergusson) Group rocks underlie the main portion of the study area. These rocks (**Unit 3 in Figure 5-1A**) consist of sediments, some volcanics and their weakly-metamorphosed equivalents (greenstone, basalt, chert, argillite, phyllite, minor limestone, serpentine and serpentized peridotite).

A recent volcanic event, some 2400 years in age has deposited a layer of volcanic ash over the entire area. This ash layer lies close to the surface, usually within about 15 centimeters. The thickness of this ash layer varies with local topography. On sidehills the ash layer may only be 20 to 30 centimeters in



Source: Mineral Titles Reference Map (092J15W)

U.S. PLATINUM INC.

CLAIM MAP

Yellow Jacket II Lode Mineral Claim



Doug Symonds, P. Geo.
(To Accompany a Report Dated October 23, 1996)

NTS: 92J/15W

LILLOOET M.D.

Fig. 4-1

LOWER CRETACEOUS

TRIASSIC & JURASSIC & OLDER?

13

TAYLOR CREEK GROUP: chert-pebble conglomerate, black limy shale, green tuff, volcanic breccia, andesite & basalt

ub

Ultramafic rocks: serpentine, harzburgite, peridotite, diorite

UPPER TRIASSIC

3

BRIDGE RIVER (FERGUSSON) GROUP: greenstone, basalt, chert, argillite, phyllite, minor limestone, serpentine and serpentized peridotite

6

HURLEY FORMATION: thin-bedded argillite, phyllite, limestone, tuff, conglomerate, andesite, minor chert

PLUTONIC ROCKS

5

PIONEER FORMATION: greenstone, andesitic to basaltic flows & pyroclastics

gd

Granodiorite

4

NOEL FORMATION: thin-bedded argillite, chert, conglomerate & greenstone

To Accompany Figure 5-1A (Regional Geology Map)

U.S. PLATINUM INC.

REGIONAL GEOLOGY MAP LEGEND

Yellow Jacket II Lode Mineral Claim

Doug Symonds, P.Geo.
(To Accompany a Report Dated October 23, 1996)

NTS: 92J/15W

LILLOOET M.D.

Fig. 5-1B

thickness. In flat areas and depressions the ash layer may be up to 70 centimeters in thickness.

6.0 PREVIOUS WORK

Minfile was used to research previous work done in the claim area. No record of previous work could be found for the *Yellow Jacket II Lode Mineral Claim* proper.

A significant amount of work has been carried out in the area surrounding the *Yellow Jacket II Lode Mineral Claim*. The most significant work has been carried out on the Yellow Jacket claim (*Golden Sidewalk Property*) immediately to the south. This property has been explored using geochemistry, trenching and drilling. Mineralization occurs generally in discrete fault-related veins (*Dauntless Vein, Peerless Vein*) and in shear zones (*Alpha Zone, Beta Zone*). The mineralized veins and shears consist typically of quartz, calcite, arsenopyrite, pyrite, sphalerite, galena and variable gold-silver values. The trend of these mineralized veins and shear structures is generally 040 degrees to 080 degrees.

7.0 GEOCHEMICAL SURVEY

7.10 Survey Method

The south portion of the *Yellow Jacket II Lode Mineral Claim* was chosen as the area where initial soil geochemical testing would be carried out. This decision was based on the fact that mineralized zones had been delineated previously near the north border of the claim adjoining to the south (the Yellow Jacket claim). These mineralized zones on the adjoining property had an average trend of 040 degrees to 080 degrees. A baseline bearing of 060 degrees was chosen for the 1996 geochemical sampling grid. Stations were established at 25 meter intervals along the 900 meter baseline using compass and hip chain. Stations were marked with polar weight fluorescent orange flagging and also with aluminum tags for permanence. Cross-lines with bearings of 150 degrees

were established at 100 meter intervals along the baseline and sampled at 25 meter intervals.

A total of 246 soil samples were taken on the 1996 sample grid (see **Figure 4-1 & Figures 7-1A through 7-1H**). A one-piece hand auger, 135 centimeters in length was used to take samples. Sampling depth ranged from 40 to 110 centimeters and was a function of the thickness of the volcanic ash layer at each sample site. It was critical that this old ash layer be penetrated and that an uncontaminated sample of the soil layer beneath the ash layer be taken. Samples were placed in gusseted kraft paper bags and strung on wires for organization and preliminary drying. The average sample weight (wet - as taken in field) was about 200 grams.

Samples were taken to *Chemex Laboratories* in North Vancouver, B.C. for analysis.

7.20 Laboratory Analytical Method

The *Chemex Laboratories* EX-3 "Gold and Base Metal Exploration Package" was chosen for sample analysis. Soil samples were processed by drying and screening each sample to -1/4 mesh. The entire -1/4 mesh fraction of each sample was ground to -150 mesh (treated as a rock sample). This procedure was used to minimize the "nugget effect" encountered when sampling for gold. The samples were then subjected to the following analyses:

<i>Element</i>	<i>Threshold of Analysis</i>	<i>Analytical Method</i>
Au	5 ppb	30 g fire assay / AA finish
Ag	0.2 ppm	"optimized digestion & analysis"
Cu	1 ppm	"optimized digestion & analysis"
Pb	1 ppm	"optimized digestion & analysis"
Mo	1 ppm	"optimized digestion & analysis"
Zn	1 ppm	"optimized digestion & analysis"
As	1 ppm	"optimized digestion & analysis"
Sb	0.2 ppm	"optimized digestion & analysis"

The digestion and analytical methods used by *Chemex Laboratories* for their EX-3 package have been optimized to give the most accurate results possible. Laboratory results are shown in **Appendix I**.

7.30 Data Analysis Method

Data was obtained from *Chemex Laboratories* in digital format and processed on an IBM-compatible microcomputer. Au value <5 ppb were changed to 2 ppb, Ag values <0.2 ppm were changed to 0.1 ppm, Mo values <1 ppm were changed to 1 ppm and Sb values <0.2 ppm were changed to 0.1 ppm for data analysis purposes only. This change had to be made since the program accepts numeric data values only.

An interactive computer program called "**Probplot**" was used to study the data distribution. This program enables the user to plot arithmetic and lognormal histograms of the data for each element under consideration. These histograms are examined to determine which type of distribution best describes the data for each element.

Once the type of data distribution (arithmetic or lognormal) has been determined, the data is plotted on-screen on a probability plot. A data set which is a normal distribution will plot as a straight line on this plot. A real data set will consist of a number of "families" or sub-sets of data, with each family of data plotting as a straight line segment on the probability plot. The intersections of these families of data can be selected interactively and the data broken down into the appropriate number of component populations.

Once the data has been broken down into component populations, the thresholds for these populations are calculated and can be used to establish anomalous values for the element in question.

7.40 Discussion of Results

The following table summarizes geochemical data results:

<i>Element</i>	<i># Samples</i>	<i>Data Distribution</i>	<i>Anomalous Threshold (# of Samples)</i>	<i>Highly Anomalous Threshold (# of Samples)</i>
Au	246	Lognormal	20 ppb (75)	100 ppb (23)
Ag	246	Lognormal	1.0 ppm (19)	
As	246	Lognormal	150 ppm (37)	
Cu	246	Arithmetic	70 ppm (20)	
Mo	246	Lognormal	3 ppm (13)	
Pb	246	Lognormal	150 ppm (11)	
Sb	*245*	Lognormal	10 ppm (18)	
Zn	246	Lognormal	300 ppm (14)	

**Note: One sample was insufficient in size to carry out Sb analysis

A very large proportion (98 samples) of the total number of samples taken (246 samples) were determined to be anomalous to highly anomalous in Au. The majority of these anomalous samples occur on the west side of the 1996 geochemical sampling grid (see **Figure 7-1A**). The east side of the grid has a much smaller proportion of samples anomalous in Au.

Previous geochemical surveys on the Yellow Jacket claim, located immediately south of the *Yellow Jacket II Lode Mineral Claim* detected significant Au anomalies with associated mineralization. These Au anomalies continued to the northern border of the Yellow Jacket claim. The anomalous Au values detected on the west side of the 1996 grid on the *Yellow Jacket II Lode Mineral Claim* represent the northerly continuation of Au anomalies previously delineated on the adjoining claim.

Anomalous values in Ag, As, Cu, Mo, Pb, Sb and Zn follow a pattern similar to the anomalous Au values. The majority of these other anomalous values also occur on the west side of the 1996 geochemical sampling grid (see **Figure 7-1A**). The east side of the grid has a much smaller proportion of

samples anomalous in Ag, As, Cu, Mo, Pb, Sb and Zn (see **Figures 7-1B to 7-1H**).

Mineralization on the Yellow Jacket claim immediately south of the *Yellow Jacket II Lode Mineral Claim* as delineated in trenches and drill holes, occurs generally in discrete fault-related veins (*Dauntless Vein, Peerless Vein*) and in shear zones (*Alpha Zone, Beta Zone*). The mineralized veins and shears consist typically of quartz, calcite, arsenopyrite, pyrite, sphalerite, galena and variable gold-silver values. The trend of these mineralized veins and shear structures is generally 040 degrees to 080 degrees.

8.0 CONCLUSIONS & RECOMMENDATIONS

Geochemical soil sampling carried out during September of 1996 on a portion of the *Yellow Jacket II Lode Mineral Claim* resulted in the detection of significant multi-element (Au, Ag, As, Cu, Mo, Pb, Sb, Zn) anomalous values on the west half of the survey grid. This anomalous area is about 400 meters wide and extends to the north border of the 1996 sampling. These anomalous values reflect the northerly extension of multi-element geochemical anomalies detected on the Yellow Jacket claim, immediately to the south.

Many of the multi-element geochemical anomalies on the Yellow Jacket claim have been followed up by trenching and drilling. This follow-up work has delineated mineralized veins and shears which consist typically of quartz, calcite, arsenopyrite, pyrite, sphalerite, galena and variable gold-silver values. The trend of these mineralized veins and shear structures is generally 040 degrees to 080 degrees.

The *Yellow Jacket II Lode Mineral Claim* has the same underlying geology as the Yellow Jacket claim. It is recommended that the same exploration methods be used on the *Yellow Jacket II Lode Mineral Claim* as have been used successfully on the Yellow Jacket claim.

The following specific recommendations are made for further work on the *Yellow Jacket II Lode Mineral Claim*:

- 1) Complete the 100 meter spacing geochemical grid over the entire property.
- 2) Detail all Au anomalies at 50 meter line spacing, 25 meter sample spacing.
- 3) Trench the detailed Au anomalies to bedrock, if possible.
- 4) Where significant mineralized structures can be delineated on surface, test the structures at depth using a large core diamond drill.

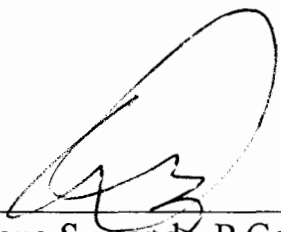
No budget has been prepared for further work on the property. It is anticipated that the owner of the *Yellow Jacket II Lode Mineral Claim* will be optioning the adjacent Yellow Jacket claim. A comprehensive report will be prepared on the 2-claim package after this option agreement has been completed.

10.0 STATEMENT OF QUALIFICATIONS

I, Douglas Frederick Symonds of #303 - 1350 West 70th Avenue, Vancouver, British Columbia do hereby certify that:

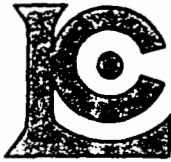
1. I am a geologist and a graduate of the University of British Columbia, B.Sc. (Geol.) 1972.
2. I am registered as a Professional Geoscientist (P.Ge.) and I am a member in good standing of the Association of Professional Engineers and Geoscientists of B.C. (Membership #19200).
3. I have prepared this report at the request of *U. S. Platinum Inc.*, of 4220 Quarry Road, Coquitlam, B.C. in compliance with current assessment report standards for the Province of British Columbia.
4. I have based this report on an examination of available public and private reports and data, and on field work carried out personally on the *Yellow Jacket II Lode Mineral Claim* during September of 1996.
5. I have never received, directly or indirectly, any interest in the property of *U. S. Platinum Inc.*, nor do I ever expect to receive, directly or indirectly, any such interest. I do not beneficially own, directly or indirectly, any securities of *U. S. Platinum Inc.*, nor do I ever expect to beneficially own any such securities, directly or indirectly.

Dated this 23rd day of October, 1996 in Vancouver, B.C.



Doug Symonds, P.Ge.

APPENDIX I
LABORATORY ANALYSIS SHEETS



Chemex Labs Ltd.

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

To: BURTON CONSULTING INC.

1408 7TH AVE. W.
 NEW WESTMINSTER, BC
 V3M 2K3

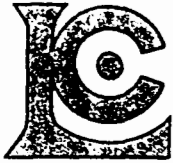
Page Number : 1
 Total Pages : 7
 Certificate Date: 08-OCT-96
 Invoice No. : 19634087
 P.O. Number :
 Account : CM

Project: BRIDGE RIVER
 Comments: ATTN:ALEX BURTON CC:DOUG SEYMOUNDS CC:BILL PERCY

CERTIFICATE OF ANALYSIS A9634087

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm Aqua R	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
BL 000E	205 238	80	0.4	278	29	1	180	4.4	240		
BL 025E	205 238	15	< 0.2	20	13	< 1	7	< 0.2	79		
BL 050E	205 238	5	0.2	2	6	< 1	3	< 0.2	91		
BL 075E	205 238	< 5	0.2	1	4	< 1	< 1	< 0.2	82		
BL 100E	205 238	20	0.2	36	38	< 1	36	4.8	200		
BL 125E	205 238	75	0.4	78	22	< 1	125	3.0	290		
BL 150E	205 238	< 5	< 0.2	8	8	< 1	18	0.6	126		
BL 175E	205 238	70	0.7	114	54	< 1	265	3.8	350		
BL 200E	205 238	35	0.6	92	29	< 1	92	not/ss	198		
BL 225E	205 238	15	0.3	38	34	< 1	42	1.6	137		
BL 250E	205 238	130	0.4	106	38	2	110	3.4	196		
BL 275E	205 238	5	< 0.2	16	47	4	8	3.4	115		
BL 300E	205 238	40	0.6	164	41	1	130	3.8	280		
BL 325E	205 238	35	0.8	60	22	1	35	2.6	166		
BL 350E	205 238	25	0.9	36	22	1	14	3.4	124		
BL 375E	205 238	145	0.7	392	82	2	62	40	215		
BL 400E	205 238	35	0.2	92	58	1	27	14.5	133		
BL 425E	205 238	10	0.4	78	52	< 1	20	10.0	158		
BL 450E	205 238	90	0.2	82	48	1	65	4.2	126		
BL 475E	205 238	75	0.6	110	75	< 1	52	5.8	112		
BL 500E	205 238	110	1.2	370	70	1	152	11.5	270		
BL 525E	205 238	50	1.8	306	53	1	112	22	235		
BL 550E	205 238	55	0.5	140	40	< 1	45	4.8	106		
BL 575E	205 238	40	0.5	190	32	3	65	10.5	132		
BL 600E	205 238	10	< 0.2	26	23	< 1	11	1.2	76		
BL 625E	205 238	< 5	< 0.2	6	16	< 1	3	0.4	34		
BL 650E	205 238	15	0.3	40	33	< 1	14	2.0	64		
BL 675E	205 238	5	< 0.2	4	40	< 1	4	0.4	76		
BL 700E	205 238	< 5	< 0.2	14	38	< 1	8	1.4	85		
BL 725E	205 238	< 5	< 0.2	8	26	1	6	1.8	65		
BL 750E	205 238	< 5	< 0.2	52	27	1	9	2.4	73		
BL 775E	205 238	< 5	< 0.2	14	25	< 1	6	3.2	68		
BL 800E	205 238	< 5	0.2	14	27	< 1	8	1.6	125		
BL 825E	205 238	< 5	< 0.2	6	15	< 1	3	0.4	46		
BL 850E	205 238	< 5	< 0.2	2	6	< 1	2	0.2	44		
BL 875E	205 238	< 5	0.2	14	17	< 1	7	1.0	80		
BL 900E	205 238	15	< 0.2	2	16	< 1	3	0.8	107		
100E 025S	205 238	25	0.5	58	29	1	125	3.0	335		
100E 050S	205 238	< 5	0.8	94	14	< 1	75	1.0	110		
100E 075S	205 238	35	0.4	126	32	1	125	2.8	290		

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

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

To: BURTON CONSULTING INC.

1408 7TH AVE. W.
 NEW WESTMINSTER, BC
 V3M 2K3

Page Number :2
 Total Pages :7
 Certificate Date: 08-OCT-96
 Invoice No. :19634087
 P.O. Number :
 Account :CM

Project : BRIDGE RIVER
 Comments: ATTN:ALEX BURTON CC:DOUG SEYMOUNDS CC:BILL PERCY

CERTIFICATE OF ANALYSIS	A9634087
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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm Aqua R	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
100E 100S	205 238	155	0.5	226	46	< 1	145	6.8	260		
100E 025N	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed		
100E 050N	205 238	15	0.5	68	28	2	62	2.6	245		
100E 075N	205 238	100	0.7	56	62	1	125	7.4	174		
200E 025S	205 238	800	0.5	64	31	2	68	2.2	194		
200E 050S	205 238	5	0.3	24	44	2	5	2.6	112		
200E 075S	205 238	35	0.8	144	57	2	82	3.8	285		
200E 100S	205 238	80	0.4	272	40	3	78	5.2	160		
200E 125S	205 238	125	3.2	488	115	4	116	4.1	245		
200E 150S	205 238	30	0.9	112	86	2	44	3.8	164		
200E 025N	205 238	20	0.4	94	28	2	72	2.2	255		
200E 050N	205 238	1830	0.4	50	18	1	17	1.4	131		
200E 075N	205 238	10	0.5	36	24	3	26	2.0	230		
200E 100N	205 238	< 5	0.8	34	24	2	20	2.2	200		
200E 125N	205 238	15	0.3	58	38	2	24	2.6	136		
250E 050N	205 238	5	< 0.2	28	44	2	5	3.2	102		
250E 075N	205 238	< 5	0.7	166	36	3	25	8.8	146		
250E 100N	205 238	< 5	0.3	42	38	2	13	3.0	129		
250E 125N	205 238	< 5	0.3	40	28	2	10	2.4	107		
250E 150N	205 238	55	0.6	78	35	2	46	4.0	170		
250E 175N	205 238	20	0.2	60	26	1	42	1.6	143		
250E 200N	205 238	55	0.9	176	64	3	100	8.2	300		
300E 025S	205 238	80	0.8	158	85	2	112	9.0	245		
300E 050S	205 238	30	1.3	254	80	3	37	15.0	250		
300E 075S	205 238	25	0.3	104	60	2	50	5.6	215		
300E 100S	205 238	60	1.5	228	44	1	112	8.4	178		
300E 125S	205 238	< 5	0.3	8	6	< 1	4	0.2	32		
300E 150S	205 238	85	1.1	230	64	1	88	6.8	163		
300E 175S	205 238	20	0.6	178	42	1	80	7.8	200		
300E 025N	205 238	50	0.5	96	46	2	27	3.8	161		
300E 050N	205 238	5	0.4	60	32	13	14	4.4	121		
300E 075N	205 238	100	4.3	850	70	2	215	9.0	420		
300E 100N	205 238	195	20.2	300	72	3	600	38	540		
300E 125N	205 238	5	0.5	28	21	2	20	1.8	330		
300E 150N	205 238	< 5	0.4	6	18	1	6	1.6	58		
300E 175N	205 238	< 5	0.3	28	40	2	14	5.8	156		
300E 200N	205 238	< 5	0.3	14	23	2	9	1.8	106		
400E 025S	205 238	35	0.6	142	40	1	26	7.4	168		
400E 050S	205 238	25	0.5	90	48	1	48	5.0	120		
400E 075S	205 238	95	0.8	150	72	1	46	8.0	134		

CERTIFICATION:

Paul Beckler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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Project: BRIDGE RIVER
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Page Number :3
Total Pages :7
Certificate Date: 08-OCT-96
Invoice No. :19634087
P.O. Number :
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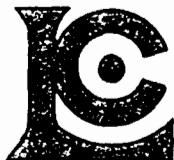
CERTIFICATE OF ANALYSIS

A9634087

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm Aqua R	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
400E 100S	205 238	200	1.7	590	86	1	15	28	126		
400E 125S	205 238	30	0.6	206	63	1	55	14.5	200		
400E 150S	205 238	65	0.5	74	31	2	28	2.8	175		
400E 175S	205 238	120	< 0.2	170	36	1	42	5.6	205		
400E 200S	205 238	< 5	< 0.2	1	23	1	< 1	0.2	32		
400E 225S	205 238	10	< 0.2	6	12	1	5	0.2	42		
400E 025N	205 238	50	0.3	138	44	1	43	3.6	95		
400E 050N	205 238	100	1.1	180	60	2	150	7.6	210		
400E 075N	205 238	15	0.4	64	30	2	46	2.6	355		
400E 100N	205 238	105	1.2	254	128	2	156	11.5	595		
400E 125N	205 238	< 5	< 0.2	46	33	2	16	2.8	230		
400E 150N	205 238	< 5	0.2	22	27	2	10	1.8	335		
400E 175N	205 238	< 5	< 0.2	12	36	2	7	1.4	194		
400E 200N	205 238	< 5	< 0.2	4	63	3	3	2.0	120		
500E 025S	205 238	40	2.3	382	58	2	40	26	192		
500E 050S	205 238	240	1.8	438	95	3	155	22	350		
500E 075S	205 238	300	32.0	1380	78	2	720	185	330		
500E 100S	205 238	40	1.2	142	40	2	140	10.0	810		
500E 125S	205 238	25	0.3	110	38	1	52	4.6	162		
500E 150S	205 238	< 5	< 0.2	26	22	< 1	9	1.0	70		
500E 175S	205 238	< 5	< 0.2	24	23	< 1	< 1	1.0	48		
500E 200S	205 238	< 5	< 0.2	1	19	< 1	< 1	< 0.2	38		
500E 225S	205 238	< 5	< 0.2	12	29	1	< 1	< 0.2	76		
500E 250S	205 238	20	< 0.2	50	30	1	14	1.0	85		
500E 275S	205 238	< 5	< 0.2	16	21	1	2	0.4	52		
500E 300S	205 238	< 5	< 0.2	24	31	1	7	1.0	84		
500E 025N	205 238	65	1.8	156	60	1	52	6.6	129		
500E 050N	205 238	45	0.6	192	70	1	36	7.2	167		
500E 075N	205 238	245	1.0	880	88	1	96	24	370		
500E 100N	205 238	< 5	0.3	16	5	1	6	0.2	230		
500E 125N	205 238	10	0.4	68	18	< 1	12	2.8	174		
500E 150N	205 238	< 5	< 0.2	82	29	2	3	3.6	71		
500E 175N	205 238	< 5	0.3	54	37	1	11	1.8	128		
600E 025S	205 238	< 5	< 0.2	54	17	1	15	1.0	54		
600E 050S	205 238	< 5	< 0.2	46	40	1	14	1.4	106		
600E 075S	205 238	60	< 0.2	34	21	< 1	16	2.4	63		
600E 100S	205 238	< 5	0.3	60	36	< 1	21	3.8	78		
600E 125S	205 238	< 5	0.4	62	30	1	40	3.4	150		
600E 150S	205 238	< 5	0.2	60	33	1	27	2.8	93		
600E 175S	205 238	< 5	< 0.2	18	52	< 1	8	1.2	92		

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: BURTON CONSULTING INC.

1408 7TH AVE. W.
NEW WESTMINSTER, BC
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Project: BRIDGE RIVER
Comments: ATTN:ALEX BURTON CC:DOUG SEYMOUNDS CC:BILL PERCY

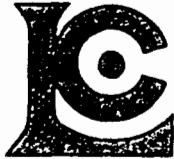
Page Number :4
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Account : CM

CERTIFICATE OF ANALYSIS A9634087

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm Aqua R	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
600E 200S	205 238	< 5	< 0.2	4	28	< 1	4	0.8	52		
600E 225S	205 238	< 5	< 0.2	2	70	< 1	< 1	< 0.2	24		
600E 250S	205 238	< 5	< 0.2	1	57	1	< 1	< 0.2	38		
600E 275S	205 238	25	< 0.2	50	44	< 1	23	1.2	104		
600E 300S	205 238	< 5	0.2	44	44	< 1	20	1.2	166		
600E 325S	205 238	< 5	< 0.2	38	26	1	14	2.2	88		
600E 350S	205 238	< 5	< 0.2	1	32	< 1	< 1	< 0.2	61		
600E 025N	205 238	< 5	0.2	12	17	< 1	3	< 0.2	72		
600E 050N	205 238	45	0.4	170	47	2	22	12.0	124		
600E 075N	205 238	25	< 0.2	60	48	1	6	4.2	73		
600E 100N	205 238	< 5	0.4	40	48	1	13	5.8	125		
600E 125N	205 238	45	0.2	76	36	1	8	6.2	126		
600E 150N	205 238	15	< 0.2	46	18	1	7	1.2	84		
600E 175N	205 238	5	0.2	60	27	1	12	2.4	168		
700E 025S	205 238	< 5	< 0.2	14	34	< 1	5	0.4	71		
700E 050S	205 238	5	0.3	32	31	1	35	1.8	131		
700E 075S	205 238	< 5	< 0.2	16	21	< 1	13	0.6	40		
700E 100S	205 238	15	0.3	64	56	1	23	3.0	94		
700E 125S	205 238	330	< 0.2	16	60	< 1	15	0.8	66		
700E 150S	205 238	80	< 0.2	14	90	< 1	3	0.2	56		
700E 175S	205 238	50	0.4	100	45	1	40	3.6	88		
700E 200S	205 238	40	0.3	86	50	< 1	35	2.6	92		
700E 225S	205 238	85	0.5	74	47	< 1	42	3.4	105		
700E 250S	205 238	5	< 0.2	42	38	< 1	30	2.6	136		
700E 275S	205 238	100	< 0.2	194	36	1	22	6.6	78		
700E 300S	205 238	5	< 0.2	38	22	1	18	1.8	106		
700E 325S	205 238	40	0.2	110	41	< 1	39	2.4	92		
700E 350S	205 238	30	< 0.2	46	31	< 1	26	1.4	94		
700E 025N	205 238	< 5	< 0.2	20	51	< 1	10	1.4	74		
700E 050N	205 238	< 5	< 0.2	6	45	< 1	< 1	0.4	50		
700E 075N	205 238	< 5	< 0.2	34	34	1	6	4.4	64		
700E 100N	205 238	< 5	< 0.2	2	70	2	< 1	0.2	88		
800E 025S	205 238	< 5	< 0.2	4	19	1	< 1	0.2	64		
800E 050S	205 238	< 5	< 0.2	44	44	1	12	3.2	84		
800E 075S	205 238	< 5	< 0.2	2	24	1	< 1	1.8	56		
800E 100S	205 238	< 5	< 0.2	10	25	< 1	10	1.2	79		
800E 125S	205 238	< 5	< 0.2	2	14	< 1	< 1	0.2	55		
800E 150S	205 238	< 5	< 0.2	1	23	< 1	5	1.8	82		
800E 175S	205 238	< 5	< 0.2	12	18	< 1	5	0.6	68		
800E 200S	205 238	< 5	< 0.2	18	52	1	2	3.8	86		

CERTIFICATION:

Walt Becker



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
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 NEW WESTMINSTER, BC
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CERTIFICATE OF ANALYSIS

A9634087

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm Aqua R	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
800E 225S	205 238	30	< 0.2	36	60	1	2	3.6	90		
800E 250S	205 238	10	< 0.2	20	57	1	1	2.8	102		
800E 275S	205 238	< 5	< 0.2	22	44	1	2	2.6	104		
800E 300S	205 238	70	< 0.2	152	45	1	44	3.4	120		
800E 325S	205 238	30	< 0.2	50	20	< 1	16	1.2	86		
800E 350S	205 238	25	< 0.2	90	38	1	32	2.4	127		
800E 375S	205 238	25	< 0.2	94	36	1	32	2.4	84		
800E 400S	205 238	15	< 0.2	28	15	1	10	0.8	68		
800E 425S	205 238	35	< 0.2	46	26	1	16	1.4	111		
800E 450S	205 238	20	< 0.2	38	22	1	21	1.2	125		
800E 475S	205 238	< 5	< 0.2	16	18	1	10	0.8	109		
800E 025N	205 238	< 5	< 0.2	1	6	1	< 1	< 0.2	25		
800E 050N	205 238	< 5	< 0.2	1	5	< 1	< 1	0.2	27		
800E 075N	205 238	5	< 0.2	26	32	2	< 1	3.0	68		
800E 100N	205 238	< 5	< 0.2	10	13	1	3	0.6	72		
900E 025S	205 238	5	< 0.2	22	22	< 1	6	1.6	54		
900E 050S	205 238	< 5	< 0.2	16	21	1	7	1.4	79		
900E 075S	205 238	< 5	< 0.2	12	18	< 1	8	0.8	148		
900E 100S	205 238	< 5	< 0.2	1	47	1	2	3.8	106		
900E 125S	205 238	< 5	< 0.2	20	35	< 1	4	1.4	108		
900E 150S	205 238	< 5	< 0.2	8	38	1	< 1	2.6	104		
900E 175S	205 238	< 5	< 0.2	12	60	1	< 1	2.8	140		
900E 200S	205 238	< 5	< 0.2	14	57	2	< 1	3.6	123		
900E 225S	205 238	< 5	< 0.2	4	54	1	< 1	1.8	139		
900E 250S	205 238	< 5	< 0.2	1	40	1	< 1	1.4	123		
900E 275S	205 238	25	< 0.2	14	45	1	6	1.8	162		
900E 300S	205 238	15	0.3	58	38	1	15	2.6	93		
900E 325S	205 238	10	0.2	44	44	2	10	2.6	148		
900E 350S	205 238	< 5	< 0.2	20	32	1	7	1.8	93		
900E 375S	205 238	< 5	< 0.2	22	40	1	10	2.0	96		
900E 400S	205 238	< 5	< 0.2	22	38	1	11	1.2	122		
900E 425S	205 238	15	< 0.2	36	60	1	7	3.0	84		
900E 450S	205 238	< 5	< 0.2	2	5	< 1	< 1	< 0.2	38		
900E 475S	205 238	< 5	< 0.2	22	46	2	8	2.2	99		
900E 025N	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed		
175S 325E	205 238	30	0.4	156	53	2	50	8.2	145		
175S 350E	205 238	85	0.4	156	40	1	40	5.2	130		
175S 375E	205 238	75	0.4	144	56	1	29	5.4	113		
350S 625E	205 238	< 5	< 0.2	1	78	1	< 1	1.2	104		
350S 650E	205 238	45	< 0.2	60	48	1	22	2.6	92		

CERTIFICATION: *[Signature]*



Chemex Labs Ltd.

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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm Aqua R	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
350S 675E	205 238	60	< 0.2	70	43	1	30	2.8	102		
475S 825E	205 238	< 5	0.7	56	64	1	26	1.2	166		
475S 850E	205 238	< 5	< 0.2	1	6	< 1	< 1	< 0.2	65		
475S 875E	205 238	< 5	< 0.2	10	33	2	8	1.0	112		
75N 125E	205 238	525	0.5	38	24	2	205	3.4	150		
75N 150E	205 238	430	3.8	206	96	1	490	7.4	510		
75N 175E	205 238	20	0.4	56	33	1	27	2.6	134		
100N 725E	205 238	5	< 0.2	110	43	2	8	17.0	92		
100N 750E	205 238	95	< 0.2	388	32	1	6	28	78		
100N 775E	205 238	< 5	0.2	28	14	1	10	1.6	122		
175N 525E	205 238	< 5	< 0.2	26	28	1	7	1.6	92		
175N 550E	205 238	< 5	0.2	22	22	< 1	10	1.0	122		
175N 575E	205 238	45	0.3	54	29	1	7	1.8	120		
200N 325E	205 238	5	< 0.2	52	40	1	12	5.6	100		
200N 350E	205 238	< 5	0.2	30	28	1	12	1.8	102		
200N 375E	205 238	< 5	< 0.2	22	54	2	9	3.2	116		
R-01	205 238	< 5	< 0.2	12	21	1	8	1.0	106		
R-02	205 238	< 5	< 0.2	22	29	1	10	1.8	72		
R-03	205 238	< 5	< 0.2	2	17	< 1	6	0.8	70		
R-04	205 238	< 5	< 0.2	4	14	< 1	4	1.0	74		
R-05	205 238	< 5	< 0.2	16	15	< 1	6	1.4	92		
R-06	205 238	< 5	< 0.2	16	24	< 1	7	1.6	64		
R-07	205 238	40	< 0.2	38	38	1	7	1.6	64		
R-08	205 238	5	< 0.2	34	23	1	9	1.6	63		
R-09	205 238	< 5	< 0.2	36	27	2	9	2.0	69		
R-10	205 238	< 5	< 0.2	4	7	1	< 1	0.2	39		
R-11	205 238	< 5	< 0.2	24	42	1	10	1.2	129		
R-12	205 238	160	0.6	114	56	2	30	4.8	102		
R-13	205 238	10	< 0.2	48	31	2	15	2.4	93		
R-14	205 238	5	< 0.2	42	37	2	13	3.0	86		
R-15	205 238	45	0.2	78	47	1	24	4.0	100		
R-16	205 238	< 5	0.2	22	26	2	10	1.4	146		
R-17	205 238	10	< 0.2	56	40	1	22	3.2	100		
R-18	205 238	20	< 0.2	56	37	2	75	3.6	132		
R-19	205 238	25	< 0.2	100	42	2	11	9.6	59		
R-20	205 238	120	< 0.2	18	22	2	14	1.2	156		
R-21	205 238	30	< 0.2	10	22	1	6	1.0	110		
R-22	205 238	5	< 0.2	14	19	2	6	1.4	78		
R-23	205 238	< 5	< 0.2	10	20	2	6	1.2	107		
R-24	205 238	< 5	< 0.2	12	21	1	5	1.4	124		

CERTIFICATION: _____



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CERTIFICATE OF ANALYSIS A9634087

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm Aqua R	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
R-25	205 238	10	< 0.2	40	52	2	10	3.7	84		
R-26	205 238	20	< 0.2	26	40	2	4	2.2	55		
R-27	205 238	10	< 0.2	24	35	1	4	2.2	77		
R-28	205 238	< 5	< 0.2	18	44	2	5	2.0	120		
R-29	205 238	< 5	< 0.2	28	33	2	4	2.0	88		
R-30	205 238	< 5	< 0.2	34	42	1	6	2.2	67		
R-31	205 238	15	< 0.2	42	47	1	6	2.8	70		
R-32	205 238	10	< 0.2	88	50	1	3	3.0	74		

CERTIFICATION:

Hart Buchler

APPENDIX II

STATISTICAL DATA ANALYSIS SHEETS

21:33:24

YELLOW JACKET II M.C.

10/14/96

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = AU PPB Unit = N = 246

Mean = 43.354 Min = 2.000 1st Quartile = 2.000
 Std. Dev. = 139.529 Max = 1830.000 Median = 10.000
 CV % = 321.839 Skewness = 9.569 3rd Quartile = 40.000

```
=====
```

%	cum %	cls int	(# of bins = 24 - bin size = 79.478)
0.00	0.20	-37.739	
77.24	77.13	41.739	***** --> 110
16.67	93.72	121.217	*****
2.85	96.56	200.696	****
0.81	97.37	280.174	*
0.81	98.18	359.652	*
0.41	98.58	439.130	*
0.00	98.58	518.609	
0.41	98.99	598.087	*
0.00	98.99	677.565	
0.00	98.99	757.043	
0.41	99.39	836.522	*
0.00	99.39	916.000	
0.00	99.39	995.478	
0.00	99.39	1074.957	
0.00	99.39	1154.435	
0.00	99.39	1233.913	
0.00	99.39	1313.391	
0.00	99.39	1392.870	
0.00	99.39	1472.348	
0.00	99.39	1551.826	
0.00	99.39	1631.304	
0.00	99.39	1710.783	
0.00	99.39	1790.261	
0.41	99.80	1869.739	*

```
-----
```

0 1 2 3 4

Each "*" represents approximately 1.7 observations.

#####

21:33:30

YELLOW JACKET II M.C.

10/14/96

 SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = AU PPB Unit = N = 246

Mean = 0.9951 Min = 0.3010 1st Quartile = 0.3010
 Std. Dev. = 0.7148 Max = 3.2625 Median = 1.0000
 CV % = 71.8324 Skewness = 0.5454 3rd Quartile = 1.6021

Anti-Log Mean = 9.887 Anti-Log Std. Dev. : (-) 1.907
 (+) 51.271

```

=====
%   cum %   antilog   cls int   (# of bins = 24 - bin size = 0.1288)
-----
0.00 0.20    1.724    0.2367
42.68 42.71    2.320    0.3654 ***** --> 61
0.00 42.71    3.120    0.4942
0.00 42.71    4.197    0.6229
7.32 50.00    5.645    0.7517 *****
0.00 50.00    7.593    0.8804
4.88 54.86   10.214   1.0092 *****
0.00 54.86   13.739   1.1380
5.28 60.12   18.480   1.2667 *****
3.66 63.77   24.858   1.3955 *****
7.72 71.46   33.437   1.5242 *****
5.69 77.13   44.976   1.6530 *****
6.50 83.60   60.498   1.7817 *****
4.47 88.06   81.376   1.9105 *****
4.47 92.51  109.460  2.0393 *****
2.44 94.94  147.236  2.1680 ***
1.22 96.15  198.048  2.2968 **
1.22 97.37  266.396  2.4255 **
0.81 98.18  358.332  2.5543 *
0.41 98.58  481.995  2.6830 *
0.41 98.99  648.336  2.8118 *
0.41 99.39  872.082  2.9406 *
0.00 99.39 1173.046  3.0693
0.00 99.39 1577.874  3.1981
0.41 99.80 2122.413  3.3268 *
-----
0           1           2           3           4
  
```

Each "*" represents approximately 1.7 observations.

#####

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = BRIDGE1.TXT

Variable = AU PPB Unit = N = 246
N CI = 24

Transform = Logarithmic Number of Populations = 3

of Missing Observations = 0.

=====

Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
1	3.387	- 1.502	61.00
		+ 7.637	
2	47.360	- 26.325	35.00
		+ 85.203	
3	357.001	- 173.737	4.00
		+ 733.580	

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	0.666 17.219
2	14.633 153.284
3	84.550 1507.391

#####

21:38:04

YELLOW JACKET II M.C.

10/14/96

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = AG PPM Unit = N = 246
Mean = 0.557 Min = 0.100 1st Quartile = 0.100
Std. Dev. = 2.434 Max = 32.000 Median = 0.100
CV % = 436.975 Skewness = 10.981 3rd Quartile = 0.400

```
=====
%   cum %   cls int   (# of bins = 24 - bin size = 1.387)
-----
0.00 0.20   -0.593
89.02 88.87   0.793   ***** --> 126
8.54 97.37   2.180   *****
0.81 98.18   3.567   *
0.81 98.99   4.954   *
0.00 98.99   6.341
0.00 98.99   7.728
0.00 98.99   9.115
0.00 98.99  10.502
0.00 98.99  11.889
0.00 98.99  13.276
0.00 98.99  14.663
0.00 98.99  16.050
0.00 98.99  17.437
0.00 98.99  18.824
0.41 99.39  20.211   *
0.00 99.39  21.598
0.00 99.39  22.985
0.00 99.39  24.372
0.00 99.39  25.759
0.00 99.39  27.146
0.00 99.39  28.533
0.00 99.39  29.920
0.00 99.39  31.307
0.41 99.80  32.693   *
=====
0           1           2           3           4
```

Each "*" represents approximately 1.7 observations.

#####

21:38:09

YELLOW JACKET II M.C.

10/14/96

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = AG PPM Unit = N = 246

Mean = -0.6671 Min = -1.0000 1st Quartile = -1.0000
 Std. Dev. = 0.4338 Max = 1.5051 Median = -1.0000
 CV % = 65.0338 Skewness = 1.5412 3rd Quartile = -0.3979

Anti-Log Mean = 0.215 Anti-Log Std. Dev. : (-) 0.079
 (+) 0.584

```

=====
%   cum %   antilog   cls int   (# of bins = 24 - bin size = 0.1089)
-----
0.00  0.20    0.088   -1.0545
52.03 52.02    0.113   -0.9455 ***** --> 74
0.00 52.02    0.146   -0.8366
0.00 52.02    0.187   -0.7277
9.76 61.74    0.241   -0.6188 *****
8.13 69.84    0.309   -0.5099 *****
0.00 69.84    0.397   -0.4009
13.41 83.20    0.510   -0.2920 *****
3.66 86.84    0.656   -0.1831 *****
4.47 91.30    0.843   -0.0742 *****
1.63 92.91    1.083    0.0347 **
2.44 95.34    1.392    0.1437 ***
0.81 96.15    1.789    0.2526 *
1.22 97.37    2.299    0.3615 **
0.41 97.77    2.954    0.4704 *
0.41 98.18    3.796    0.5793 *
0.81 98.99    4.878    0.6883 *
0.00 98.99    6.269    0.7972
0.00 98.99    8.055    0.9061
0.00 98.99   10.352    1.0150
0.00 98.99   13.302    1.1239
0.00 98.99   17.094    1.2329
0.41 99.39   21.967    1.3418 *
0.00 99.39   28.229    1.4507
0.41 99.80   36.275    1.5596 *
-----
0           1           2           3           4

```

Each "*" represents approximately 1.7 observations.

#####

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = BRIDGE1.TXT

Variable = AG PPM Unit = N = 246
N CI = 24

Transform = Logarithmic Number of Populations = 4

of Missing Observations = 0.

=====

Users Visual Parameter Estimates

Population	Mean		Std Dev	Percentage
1	0.100	-	0.099	45.00
		+	0.101	
2	0.125	-	0.084	20.00
		+	0.186	
3	0.489	-	0.325	30.00
		+	0.734	
4	2.677	-	0.981	5.00
		+	7.305	

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds	
1	0.098	0.102
2	0.057	0.277
3	0.217	1.103
4	0.359	19.935

#####

21:48:13

YELLOW JACKET II M.C.

10/14/96

 SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES
 #####

Variable = AS PPM Unit = N = 246

Mean = 81.472 Min = 1.000 1st Quartile = 16.000
 Std. Dev. = 141.343 Max = 1380.000 Median = 40.000
 CV % = 173.487 Skewness = 5.119 3rd Quartile = 90.000

```
=====
```

%	cum %	cls int	(# of bins = 24 - bin size = 59.957)
0.00	0.20	-28.978	
42.68	42.71	30.978	***** --> 61
32.52	75.10	90.935	***** --> 46
10.16	85.22	150.891	*****
6.91	92.11	210.848	*****
2.03	94.13	270.804	***
1.63	95.75	330.761	**
1.22	96.96	390.717	**
0.81	97.77	450.674	*
0.41	98.18	510.630	*
0.00	98.18	570.587	
0.41	98.58	630.543	*
0.00	98.58	690.500	
0.00	98.58	750.457	
0.00	98.58	810.413	
0.41	98.99	870.370	*
0.41	99.39	930.326	*
0.00	99.39	990.283	
0.00	99.39	1050.239	
0.00	99.39	1110.196	
0.00	99.39	1170.152	
0.00	99.39	1230.109	
0.00	99.39	1290.065	
0.00	99.39	1350.022	
0.41	99.80	1409.978	*

```
-----
```

0 1 2 3 4

Each "*" represents approximately 1.7 observations.

#####

21:48:20

YELLOW JACKET II M.C.

10/14/96

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = AS PPM Unit = N = 246

Mean = 1.5248 Min = 0.0000 1st Quartile = 1.2041
Std. Dev. = 0.6400 Max = 3.1399 Median = 1.6021
CV % = 41.9748 Skewness = -0.5096 3rd Quartile = 1.9542

Anti-Log Mean = 33.480 Anti-Log Std. Dev. : (-) 7.669
(+) 146.152

```
=====
```

%	cum %	antilog	cls int	(# of bins = 24 - bin size = 0.1365)
0.00	0.20	0.855	-0.0683	
4.88	5.06	1.170	0.0683	*****
0.00	5.06	1.602	0.2048	
3.66	8.70	2.194	0.3413	*****
0.00	8.70	3.005	0.4778	
2.85	11.54	4.115	0.6143	****
0.00	11.54	5.634	0.7508	
2.03	13.56	7.715	0.8874	***
3.66	17.21	10.565	1.0239	*****
7.32	24.49	14.467	1.1604	*****
5.28	29.76	19.811	1.2969	*****
10.16	39.88	27.128	1.4334	*****
7.72	47.57	37.148	1.5699	*****
10.98	58.50	50.869	1.7065	*****
10.98	69.43	69.658	1.8430	*****
7.72	77.13	95.387	1.9795	*****
5.28	82.39	130.619	2.1160	*****
7.32	89.68	178.864	2.2525	*****
3.66	93.32	244.928	2.3890	*****
2.44	95.75	335.394	2.5256	***
2.03	97.77	459.274	2.6621	***
0.81	98.58	628.909	2.7986	*
0.41	98.99	861.201	2.9351	*
0.41	99.39	1179.291	3.0716	*
0.41	99.80	1614.869	3.2081	*

```
-----
```

0 1 2 3 4

Each "*" represents approximately 1.7 observations.

#####

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = BRIDGE1.TXT

Variable = AS PPM Unit = N = 246
N CI = 24

Transform = Logarithmic Number of Populations = 5

of Missing Observations = 0.

=====

Users Visual Parameter Estimates

Table with 5 columns: Population, Mean, Std Dev, Percentage. It lists estimates for 5 populations, including mean values and standard deviation ranges.

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Table with 2 columns: Pop., Thresholds. It lists default threshold values for each of the 5 populations.

#####

21:50:37

YELLOW JACKET II M.C.

10/14/96

 SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = CU PPM Unit = N = 246

Mean = 38.179 Min = 4.000 1st Quartile = 23.000
 Std. Dev. = 20.042 Max = 128.000 Median = 36.000
 CV % = 52.495 Skewness = 1.099 3rd Quartile = 47.000

```

=====
%   cum %   cls int   (# of bins = 24 - bin size = 5.391)
-----
0.00 0.20    1.304
3.66 3.85    6.696   *****
1.22 5.06   12.087   **
6.10 11.13   17.478   *****
11.79 22.87   22.870   *****
11.79 34.62   28.261   *****
11.79 46.36   33.652   *****
11.38 57.69   39.043   *****
12.60 70.24   44.435   *****
7.32 77.53   49.826   *****
4.88 82.39   55.217   *****
6.50 88.87   60.609   *****
2.44 91.30   66.000   ***
2.03 93.32   71.391   ***
1.22 94.53   76.783   **
1.63 96.15   82.174   **
1.22 97.37   87.565   **
0.81 98.18   92.957   *
0.81 98.99   98.348   *
0.00 98.99   103.739
0.00 98.99   109.130
0.00 98.99   114.522
0.41 99.39   119.913   *
0.00 99.39   125.304
0.41 99.80   130.696   *
-----

```

0 1 2 3 4

Each "*" represents approximately 1.7 observations.

#####

21:50:45

YELLOW JACKET II M.C.

10/14/96

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = CU PPM Unit = N = 246

Mean = 1.5163 Min = 0.6021 1st Quartile = 1.3617
 Std. Dev. = 0.2580 Max = 2.1072 Median = 1.5563
 CV % = 17.0169 Skewness = -0.9274 3rd Quartile = 1.6721

Anti-Log Mean = 32.834 Anti-Log Std. Dev. : (-) 18.126
 (+) 59.478

%	cum %	antilog	cls int	(# of bins = 24 - bin size = 0.0654)
0.00	0.20	3.710	0.5693	
0.41	0.61	4.313	0.6348	*
1.22	1.82	5.014	0.7002	**
0.00	1.82	5.830	0.7657	
2.03	3.85	6.778	0.8311	***
0.41	4.25	7.880	0.8965	*
0.41	4.66	9.162	0.9620	*
0.00	4.66	10.652	1.0274	
0.41	5.06	12.384	1.0929	*
2.44	7.49	14.398	1.1583	***
2.03	9.51	16.740	1.2238	***
5.69	15.18	19.462	1.2892	*****
7.72	22.87	22.627	1.3546	*****
7.32	30.16	26.307	1.4201	*****
8.54	38.66	30.586	1.4855	*****
10.16	48.79	35.560	1.5510	*****
15.04	63.77	41.343	1.6164	*****
13.82	77.53	48.066	1.6818	*****
4.88	82.39	55.883	1.7473	*****
8.94	91.30	64.972	1.8127	*****
3.25	94.53	75.538	1.8782	*****
2.85	97.37	87.823	1.9436	****
1.63	98.99	102.105	2.0090	**
0.41	99.39	118.711	2.0745	*
0.41	99.80	138.016	2.1399	*

Each "*" represents approximately 1.7 observations.

#####

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = BRIDGE1.TXT

Variable = CU PPM Unit = N = 246
N CI = 24

Transform = Arithmetic Number of Populations = 4

of Missing Observations = 0.

=====

Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
1	5.600	0.843	4.00
2	29.690	9.420	68.00
3	55.475	7.994	22.00
4	87.875	15.152	6.00

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	3.913 7.287
2	10.851 48.530
3	39.486 71.463
4	57.571 118.179

#####

21:52:34

YELLOW JACKET II M.C.

10/14/96

 SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = MO PPM Unit = N = 246

Mean = 1.246 Min = 0.500 1st Quartile = 0.500
 Std. Dev. = 1.023 Max = 13.000 Median = 1.000
 CV % = 82.102 Skewness = 6.521 3rd Quartile = 2.000

```

=====
%   cum %   cls int   (# of bins = 24 - bin size = 0.543)
-----
0.00 0.20    0.228
26.42 26.52    0.772 *****
45.53 71.86    1.315 ***** --> 65
0.00 71.86    1.859 *****
23.17 94.94    2.402 *****
0.00 94.94    2.946 *****
3.66 98.58    3.489 *****
0.81 99.39    4.033 *
0.00 99.39    4.576
0.00 99.39    5.120
0.00 99.39    5.663
0.00 99.39    6.207
0.00 99.39    6.750
0.00 99.39    7.293
0.00 99.39    7.837
0.00 99.39    8.380
0.00 99.39    8.924
0.00 99.39    9.467
0.00 99.39   10.011
0.00 99.39   10.554
0.00 99.39   11.098
0.00 99.39   11.641
0.00 99.39   12.185
0.00 99.39   12.728
0.41 99.80   13.272 *
-----
0           1           2           3           4
  
```

Each "*" represents approximately 1.7 observations.

#####

21:52:39

YELLOW JACKET II M.C.

10/14/96

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = MO PPM Unit = N = 246

Mean = 0.0171 Min = -0.3010 1st Quartile = -0.3010
Std. Dev. = 0.2474 Max = 1.1139 Median = 0.0000
CV % = 1447.8358 Skewness = 0.4872 3rd Quartile = 0.3010

Anti-Log Mean = 1.040 Anti-Log Std. Dev. : (-) 0.588
(+) 1.839

```
=====
```

%	cum %	antilog	cls int	(# of bins = 24 - bin size = 0.0615)
0.00	0.20	0.466	-0.3318	
26.42	26.52	0.537	-0.2703	*****
0.00	26.52	0.618	-0.2087	
0.00	26.52	0.712	-0.1472	
0.00	26.52	0.821	-0.0857	
0.00	26.52	0.946	-0.0242	
45.53	71.86	1.090	0.0373	***** --> 65
0.00	71.86	1.256	0.0989	
0.00	71.86	1.447	0.1604	
0.00	71.86	1.667	0.2219	
0.00	71.86	1.921	0.2834	
23.17	94.94	2.213	0.3449	*****
0.00	94.94	2.550	0.4065	
0.00	94.94	2.937	0.4680	
3.66	98.58	3.385	0.5295	*****
0.00	98.58	3.900	0.5910	
0.81	99.39	4.493	0.6525	*
0.00	99.39	5.177	0.7141	
0.00	99.39	5.965	0.7756	
0.00	99.39	6.872	0.8371	
0.00	99.39	7.918	0.8986	
0.00	99.39	9.123	0.9601	
0.00	99.39	10.511	1.0217	
0.00	99.39	12.111	1.0832	
0.41	99.80	13.954	1.1447	*

```
-----
```

0 1 2 3 4

Each "*" represents approximately 1.7 observations.

#####

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = BRIDGE1.TXT

Variable = MO PPM Unit = N = 246
N CI = 24

Transform = Logarithmic Number of Populations = 4

of Missing Observations = 0.

=====

Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
1	0.500	- 0.494 + 0.506	20.00
2	0.775	- 0.555 + 1.084	50.00
3	1.320	- 0.910 + 1.915	28.00
4	3.556	- 2.330 + 5.429	2.00

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	0.489 0.512
2	0.397 1.515
3	0.627 2.779
4	1.526 8.288

#####

21:54:57

YELLOW JACKET II M.C.

10/14/96

 SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = PB PPM Unit = N = 246

Mean = 36.474 Min = 0.500 1st Quartile = 6.000
 Std. Dev. = 76.564 Max = 720.000 Median = 12.000
 CV % = 209.915 Skewness = 5.717 3rd Quartile = 36.500

```
=====
```

%	cum %	cls int	(# of bins = 24 - bin size = 31.283)
0.00	0.20	-15.141	
59.35	59.31	16.141	***** --> 84
22.36	81.58	47.424	*****
6.50	88.06	78.707	*****
2.44	90.49	109.989	***
4.47	94.94	141.272	*****
2.03	96.96	172.554	***
0.41	97.37	203.837	*
0.81	98.18	235.120	*
0.41	98.58	266.402	*
0.00	98.58	297.685	
0.00	98.58	328.967	
0.00	98.58	360.250	
0.00	98.58	391.533	
0.00	98.58	422.815	
0.00	98.58	454.098	
0.00	98.58	485.380	
0.41	98.99	516.663	*
0.00	98.99	547.946	
0.00	98.99	579.228	
0.41	99.39	610.511	*
0.00	99.39	641.793	
0.00	99.39	673.076	
0.00	99.39	704.359	
0.41	99.80	735.641	*

```
-----
```

0 1 2 3 4

Each "*" represents approximately 1.7 observations.

#####

21:55:02

YELLOW JACKET II M.C.

10/14/96

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = PB PPM Unit = N = 246

Mean = 1.0866 Min = -0.3010 1st Quartile = 0.7782

Std. Dev. = 0.6873 Max = 2.8573 Median = 1.0792

CV % = 63.2538 Skewness = -0.2771 3rd Quartile = 1.5623

Anti-Log Mean = 12.207 Anti-Log Std. Dev. : (-) 2.508
(+) 59.420

%	cum %	antilog	cls int	(# of bins = 24 - bin size = 0.1373)
0.00	0.20	0.427	-0.3697	
10.16	10.32	0.586	-0.2324	*****
0.00	10.32	0.803	-0.0950	
0.41	10.73	1.102	0.0423	*
0.00	10.73	1.512	0.1796	
2.44	13.16	2.074	0.3169	***
0.00	13.16	2.846	0.4542	
4.07	17.21	3.904	0.5916	*****
6.50	23.68	5.356	0.7289	*****
11.38	35.02	7.348	0.8662	*****
12.20	47.17	10.081	1.0035	*****
5.28	52.43	13.830	1.1408	*****
8.13	60.53	18.974	1.2782	*****
7.72	68.22	26.030	1.4155	*****
5.69	73.89	35.710	1.5528	*****
8.13	81.98	48.990	1.6901	*****
4.07	86.03	67.210	1.8274	*****
3.66	89.68	92.204	1.9648	*****
4.47	94.13	126.495	2.1021	*****
2.85	96.96	173.537	2.2394	****
1.22	98.18	238.074	2.3767	**
0.41	98.58	326.612	2.5140	*
0.00	98.58	448.077	2.6514	
0.81	99.39	614.713	2.7887	*
0.41	99.80	843.320	2.9260	*

Each "*" represents approximately 1.7 observations.

#####

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = BRIDGE1.TXT

Variable = PB PPM Unit = N = 246
N CI = 24

Transform = Logarithmic Number of Populations = 5

of Missing Observations = 0.

=====

Users Visual Parameter Estimates

Population	Mean		Std Dev	Percentage
-----	-----		-----	-----
1	0.500	-	0.494	8.00
		+	0.506	
2	0.949	-	0.423	7.00
		+	2.132	
3	6.579	-	4.380	35.00
		+	9.881	
4	35.642	-	16.795	47.00
		+	75.642	
5	302.127	-	167.266	3.00
		+	545.722	

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds	
----	-----	-----
1	0.489	0.512
2	0.188	4.790
3	2.917	14.841
4	7.914	160.533
5	92.603	985.719

#####

21:57:46

YELLOW JACKET II M.C.

10/14/96

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =	SB PPM	Unit =	N =	246
Mean =	4.743	Min =	0.100	1st Quartile = 1.200
Std. Dev. =	13.050	Max =	186.000	Median = 2.400
CV % =	275.163	Skewness =	11.268	3rd Quartile = 3.800

```

=====
%   cum %   cls int   (# of bins = 24 - bin size = 8.083)
-----
0.00 0.20   -3.941
76.42 76.32   4.141   ***** --> 109
17.89 94.13   12.224  *****
1.63 95.75   20.307   **
2.44 98.18   28.389   ***
0.00 98.18   36.472
1.22 99.39   44.554   **
0.00 99.39   52.637
0.00 99.39   60.720
0.00 99.39   68.802
0.00 99.39   76.885
0.00 99.39   84.967
0.00 99.39   93.050
0.00 99.39  101.133
0.00 99.39  109.215
0.00 99.39  117.298
0.00 99.39  125.380
0.00 99.39  133.463
0.00 99.39  141.546
0.00 99.39  149.628
0.00 99.39  157.711
0.00 99.39  165.793
0.00 99.39  173.876
0.00 99.39  181.959
0.41 99.80  190.041   *
=====
0           1           2           3           4

```

Each "*" represents approximately 1.7 observations.

#####

21:57:51

YELLOW JACKET II M.C.

10/14/96

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = SB PPM Unit = N = 246

Mean = 0.3171 Min = -1.0000 1st Quartile = 0.0792
 Std. Dev. = 0.5530 Max = 2.2695 Median = 0.3802
 CV % = 174.4065 Skewness = -0.3354 3rd Quartile = 0.5798

Anti-Log Mean = 2.075 Anti-Log Std. Dev. : (-) 0.581
 (+) 7.414

```
=====
```

%	cum %	antilog	cls int	(# of bins = 24 - bin size = 0.1422)
0.00	0.20	0.085	-1.0711	
5.28	5.47	0.118	-0.9289	*****
0.00	5.47	0.163	-0.7868	
4.47	9.92	0.227	-0.6446	*****
0.00	9.92	0.314	-0.5025	
2.44	12.35	0.436	-0.3603	***
1.63	13.97	0.605	-0.2182	**
2.85	16.80	0.839	-0.0760	****
4.88	21.66	1.165	0.0661	*****
15.45	37.04	1.615	0.2083	*****
12.20	49.19	2.241	0.3505	*****
15.45	64.57	3.109	0.4926	*****
12.60	77.13	4.313	0.6348	*****
6.91	84.01	5.983	0.7769	*****
5.69	89.68	8.300	0.9191	*****
4.07	93.72	11.514	1.0612	*****
1.63	95.34	15.972	1.2034	**
1.22	96.56	22.157	1.3455	**
1.63	98.18	30.738	1.4877	**
1.22	99.39	42.641	1.6298	**
0.00	99.39	59.153	1.7720	
0.00	99.39	82.060	1.9141	
0.00	99.39	113.837	2.0563	
0.00	99.39	157.920	2.1984	
0.41	99.80	219.073	2.3406	*

```
=====
```

0 1 2 3 4

Each "*" represents approximately 1.7 observations.

#####

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = BRIDGE1.TXT

Variable = SB PPM Unit = N = 246
N CI = 24

Transform = Logarithmic Number of Populations = 5

of Missing Observations = 0.

=====

Users Visual Parameter Estimates

Population	Mean		Std Dev	Percentage
-----	-----		-----	-----
1	0.100	-	0.099	5.00
		+	0.101	
2	0.251	-	0.113	10.00
		+	0.555	
3	1.955	-	1.252	60.00
		+	3.055	
4	5.961	-	4.248	19.00
		+	8.365	
5	23.692	-	11.986	6.00
		+	46.831	

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds	
----	-----	-----
1	0.098	0.102
2	0.051	1.231
3	0.801	4.772
4	3.027	11.739
5	6.064	92.568

#####

22:00:09

YELLOW JACKET II M.C.

10/14/96

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =	ZN PPM	Unit =	N =	246
Mean =	133.569	Min =	24.000	1st Quartile = 78.000
Std. Dev. =	95.704	Max =	810.000	Median = 107.000
CV % =	71.651	Skewness =	2.955	3rd Quartile = 156.000

```
=====
```

%	cum %	cls int	(# of bins = 24 - bin size = 34.174)
0.00	0.20	6.913	
4.47	4.66	41.087	*****
18.29	22.87	75.261	*****
28.86	51.62	109.435	***** --> 41
19.92	71.46	143.609	*****
10.57	81.98	177.783	*****
4.88	86.84	211.957	*****
4.07	90.89	246.130	*****
2.03	92.91	280.304	***
1.63	94.53	314.478	**
1.63	96.15	348.652	**
1.63	97.77	382.826	**
0.00	97.77	417.000	
0.41	98.18	451.174	*
0.00	98.18	485.348	
0.41	98.58	519.522	*
0.41	98.99	553.696	*
0.00	98.99	587.870	
0.41	99.39	622.043	*
0.00	99.39	656.217	
0.00	99.39	690.391	
0.00	99.39	724.565	
0.00	99.39	758.739	
0.00	99.39	792.913	
0.41	99.80	827.087	*

```
-----
```

0 1 2 3 4

Each "*" represents approximately 1.7 observations.

#####

22:00:13

YELLOW JACKET II M.C.

10/14/96

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = ZN PPM Unit = N = 246

Mean = 2.0488 Min = 1.3802 1st Quartile = 1.8921
 Std. Dev. = 0.2499 Max = 2.9085 Median = 2.0294
 CV % = 12.1965 Skewness = 0.3035 3rd Quartile = 2.1931

Anti-Log Mean = 111.890 Anti-Log Std. Dev. : (-) 62.937
 (+) 198.916

```

=====
%   cum %   antilog   cls int   (# of bins = 24 - bin size = 0.0664)
-----
0.00 0.20    22.232    1.3470
0.81 1.01    25.908    1.4134 *
0.41 1.42    30.191    1.4799 *
1.22 2.63    35.183    1.5463 **
2.03 4.66    40.999    1.6128 ***
1.22 5.87    47.777    1.6792 **
3.25 9.11    55.676    1.7457 *****
4.88 13.97   64.881    1.8121 *****
8.94 22.87   75.607    1.8786 *****
11.79 34.62   88.107    1.9450 *****
10.57 45.14  102.673   2.0115 *****
10.16 55.26  119.647   2.0779 *****
15.45 70.65  139.427   2.1443 *****
6.50 77.13  162.478   2.2108 *****
5.28 82.39  189.340   2.2772 *****
5.28 87.65  220.642   2.3437 *****
4.07 91.70  257.119   2.4101 *****
2.44 94.13  299.627   2.4766 ***
2.03 96.15  349.163   2.5430 ***
1.63 97.77  406.888   2.6095 **
0.41 98.18  474.156   2.6759 *
0.81 98.99  552.546   2.7424 *
0.41 99.39  643.895   2.8088 *
0.00 99.39  750.346   2.8753
0.41 99.80  874.396   2.9417 *
-----
0           1           2           3           4
  
```

Each "*" represents approximately 1.7 observations.

#####

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = BRIDGE1.TXT

Variable = ZN PPM Unit = N = 246
N CI = 24

Transform = Logarithmic Number of Populations = 5

of Missing Observations = 0.

=====

Users Visual Parameter Estimates

Population	Mean		Std Dev	Percentage
1	24.495	-	23.798	1.00
		+	25.212	
2	47.851	-	36.607	13.00
		+	62.547	
3	90.325	-	74.225	46.00
		+	109.917	
4	177.736	-	131.296	37.00
		+	240.602	
5	458.585	-	341.531	3.00
		+	615.759	

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds	
1	23.121	25.951
2	28.006	81.758
3	60.995	133.760
4	96.990	325.704
5	254.354	826.801

#####

APPENDIX III

REFERENCES

1. Woodsworth, G.J. et al (1977): "*Geology - Pemberton (92J) Map Area*": Geological Survey of Canada Open File Map #482.
2. Sampson, C.J. (December 20th, 1988); "*Golden Sidewalk Property*"; Private Report.
3. Stanley, C.R. (1987); "*Probplot - An Interactive Computer Program to Fit Mixtures of Normal (or Log-Normal) Distributions with Maximum Likelihood Optimization Procedures*"; Association of Exploration Geochemists Special Volume #14.

APPENDIX IV

COST STATEMENT

The following cost information was supplied by a representative of *U.S. Platinum Inc.*:

Personnel: Doug Symonds, P.Geo. (Geologist)

Sampling on Property
11Sep96 to 18Sep96
8 days @ \$375.00 \$3,000.00

Report Preparation
05Sep96 (1/2 day), 21Sep96 to 21Oct.96
07Dec96 (1/2 day)
5 days @ \$375.00 \$1,875.00

G. Polischuk (Prospector)

12Sep96 (on property)
1 day @ \$300.00 \$300.00

A. Burton, P.Eng. (Consultant)

Report Preparation
01Oct96
1 day @ \$450.00 \$450.00

Field Exp.: 05Sep96 to 20Sep96 \$1,162.00
Motel - \$335.80
Food - \$295.67
Gasoline - \$101.91
Msc. Field Supp.- \$428.62

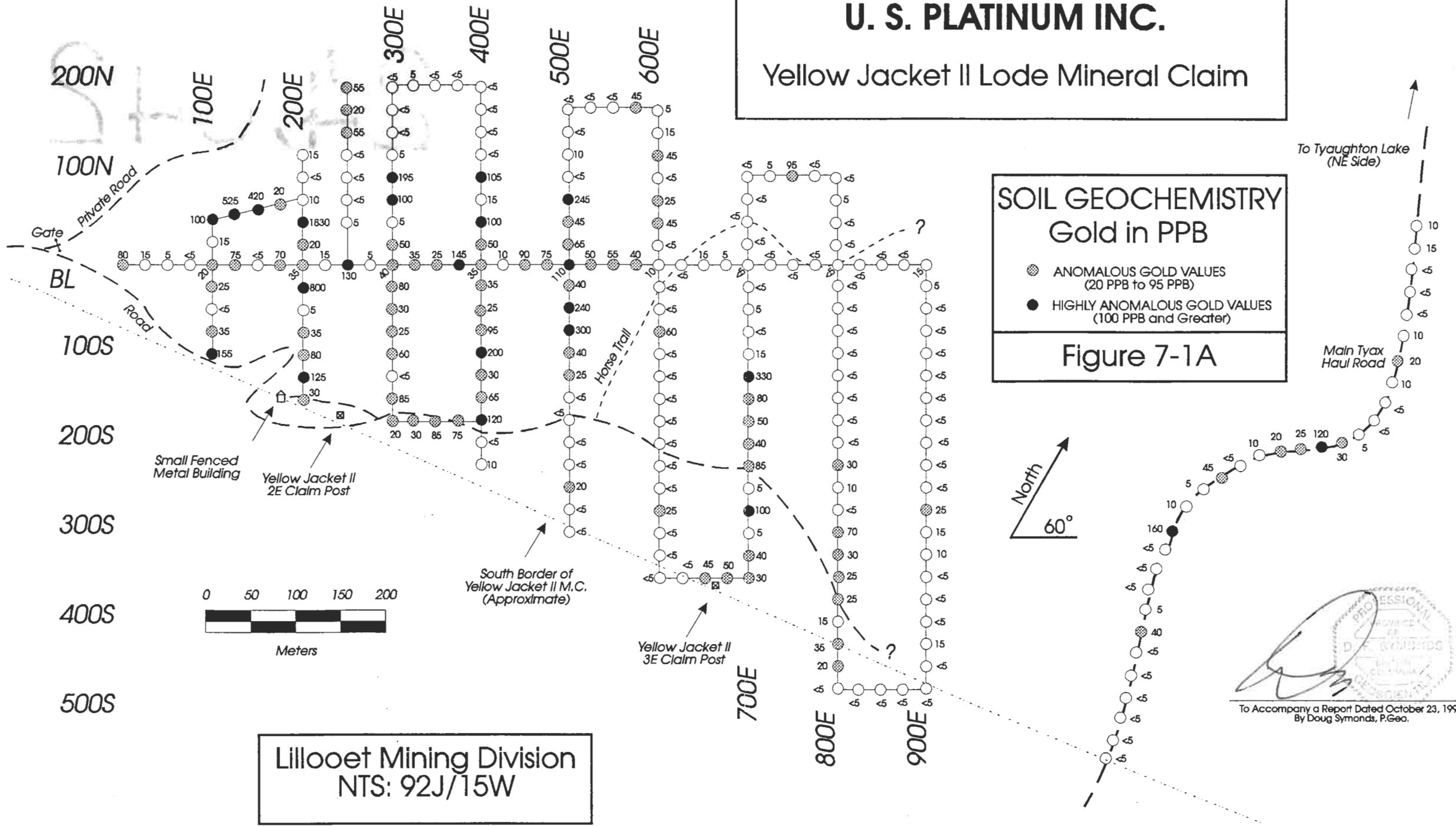
Rpt. Exp.: 21Sep96 to 21Oct96 \$367.88

Vehicle: Truck rental (D. Symonds)
11Sep96 to 18Sep96
8 days @ \$35.00 + 1240 km @ \$0.15 \$466.00

Truck Rental (G. Polischuk) 12Sep96 1 day @ \$75.00	\$75.00
Eqpt.: GPS Rental 11Sep96 to 18Sep96 8 days @ \$25.00	\$200.00
Analyses: 246 Soil Samples @ \$28.93 (Au, Ag, As, Cu, Mo, Pb, Sb, Zn)	<u>\$7,117.16</u>
Total:	<u>\$15,013.04</u>

U. S. PLATINUM INC.

Yellow Jacket II Lode Mineral Claim



SOIL GEOCHEMISTRY
Gold in PPB

● ANOMALOUS GOLD VALUES
 (20 PPB to 95 PPB)

● HIGHLY ANOMALOUS GOLD VALUES
 (100 PPB and Greater)

Figure 7-1A

Lillooet Mining Division
 NTS: 92J/15W

To Accompany a Report Dated October 23, 1996
 By Doug Symonds, P.Geo.

U. S. PLATINUM INC.

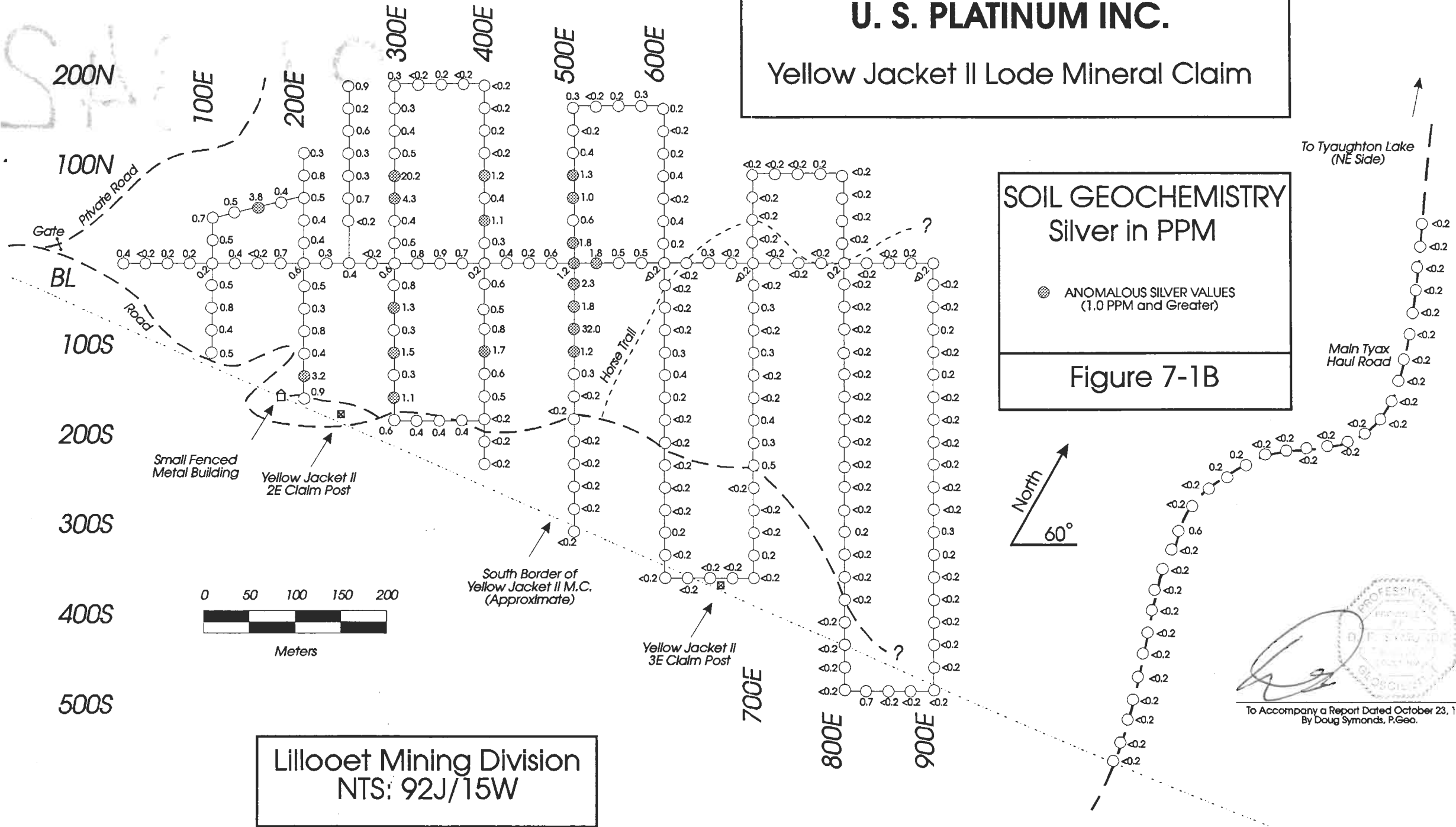
Yellow Jacket II Lode Mineral Claim

SOIL GEOCHEMISTRY

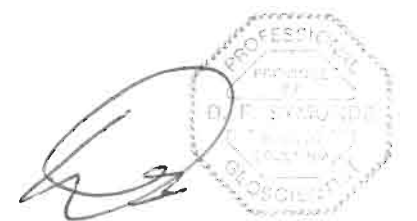
Silver in PPM

● ANOMALOUS SILVER VALUES (1.0 PPM and Greater)

Figure 7-1B



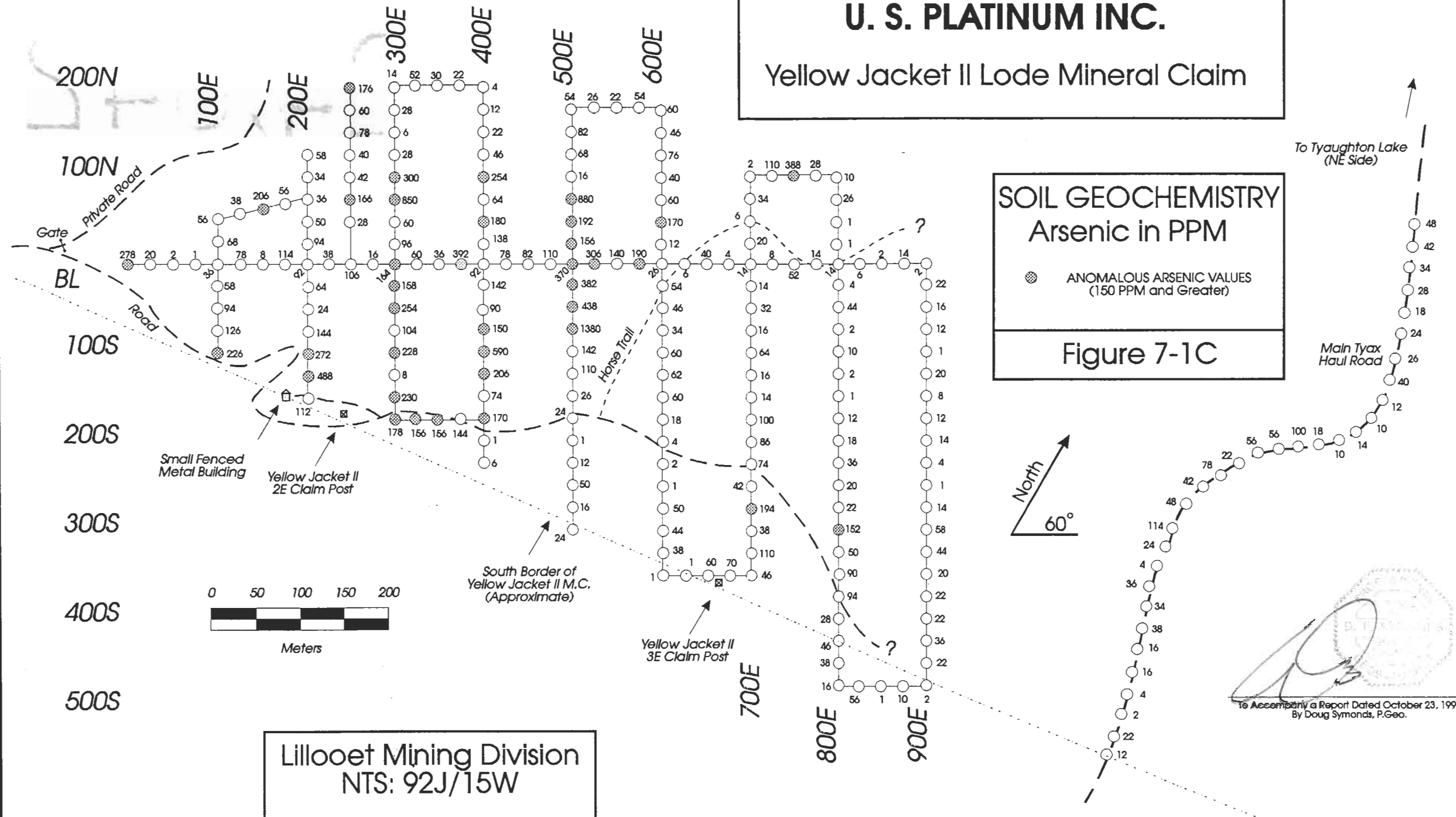
Lillooet Mining Division
NTS: 92J/15W



To Accompany a Report Dated October 23, 1996
By Doug Symonds, P. Geo.

U. S. PLATINUM INC.

Yellow Jacket II Lode Mineral Claim



SOIL GEOCHEMISTRY
Arsenic in PPM

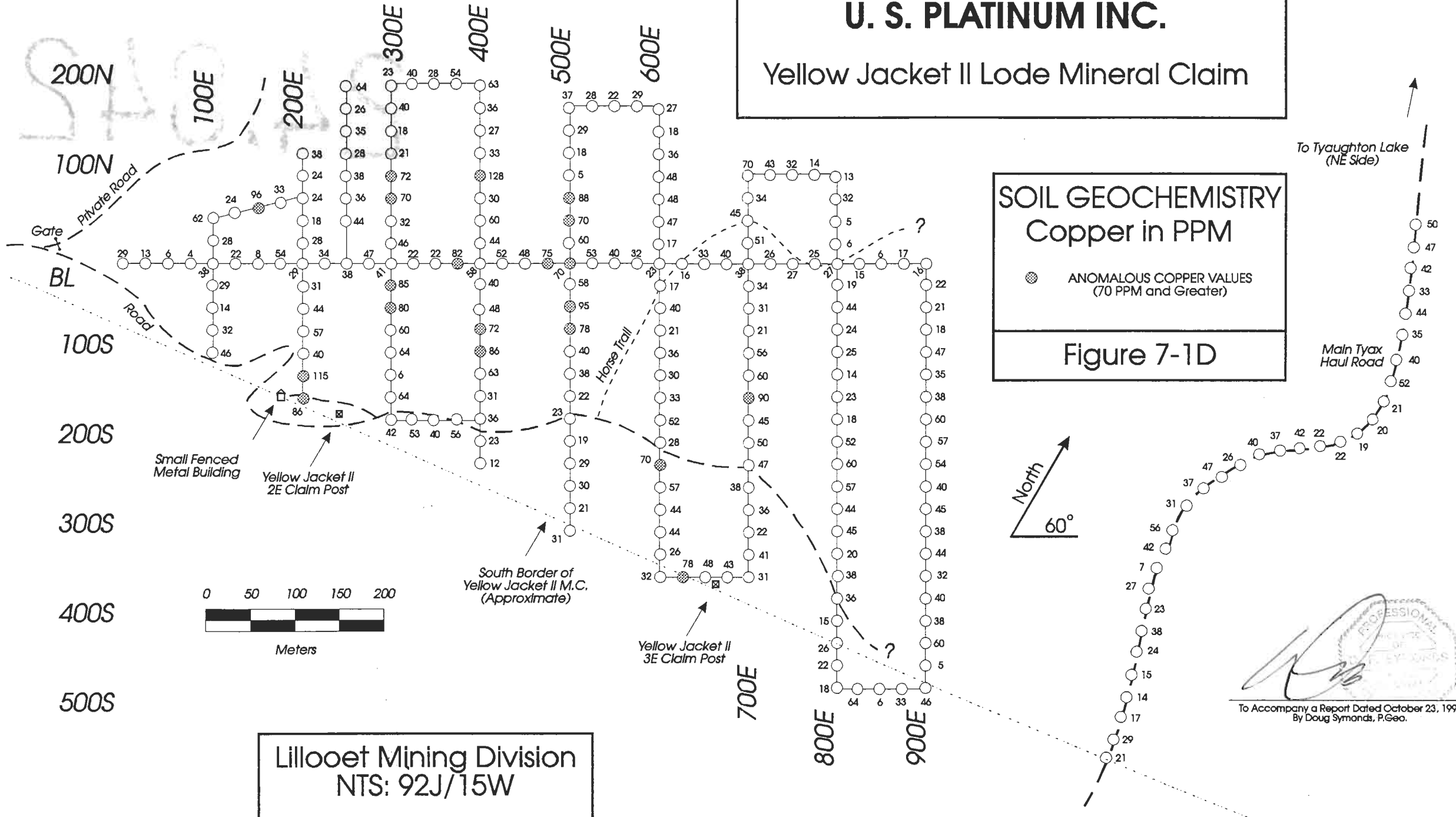
● ANOMALOUS ARSENIC VALUES (150 PPM and Greater)

Figure 7-1C

Lillooet Mining Division
NTS: 92J/15W

U. S. PLATINUM INC.


Yellow Jacket II Lode Mineral Claim



SOIL GEOCHEMISTRY
Copper in PPM

● ANOMALOUS COPPER VALUES
(70 PPM and Greater)

Figure 7-1D


 To Accompany a Report Dated October 23, 1996
 By Doug Symonds, P. Geo.

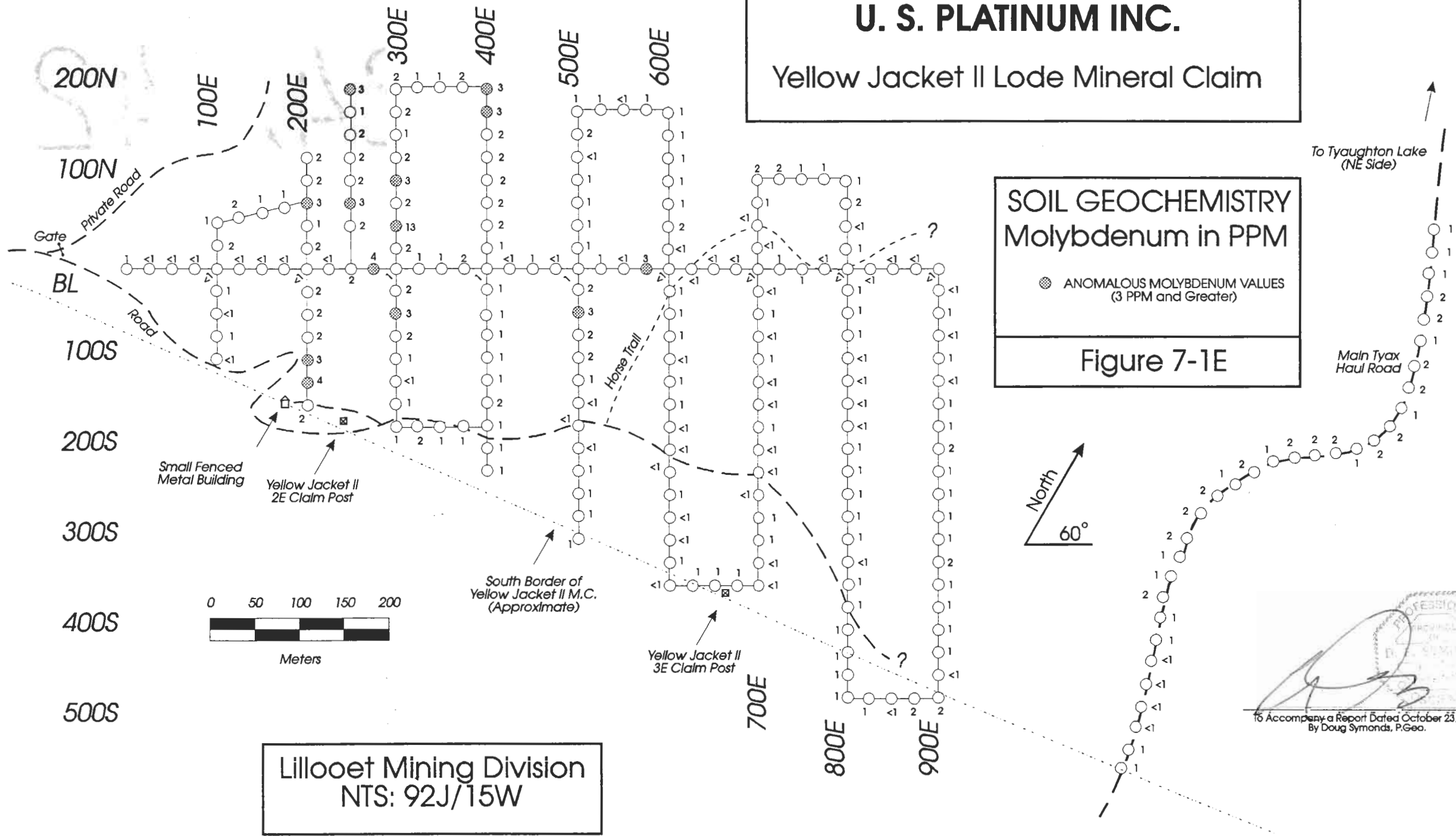
U. S. PLATINUM INC.

Yellow Jacket II Lode Mineral Claim

SOIL GEOCHEMISTRY
Molybdenum in PPM

● ANOMALOUS MOLYBDENUM VALUES
 (3 PPM and Greater)

Figure 7-1E



Lillooet Mining Division
 NTS: 92J/15W

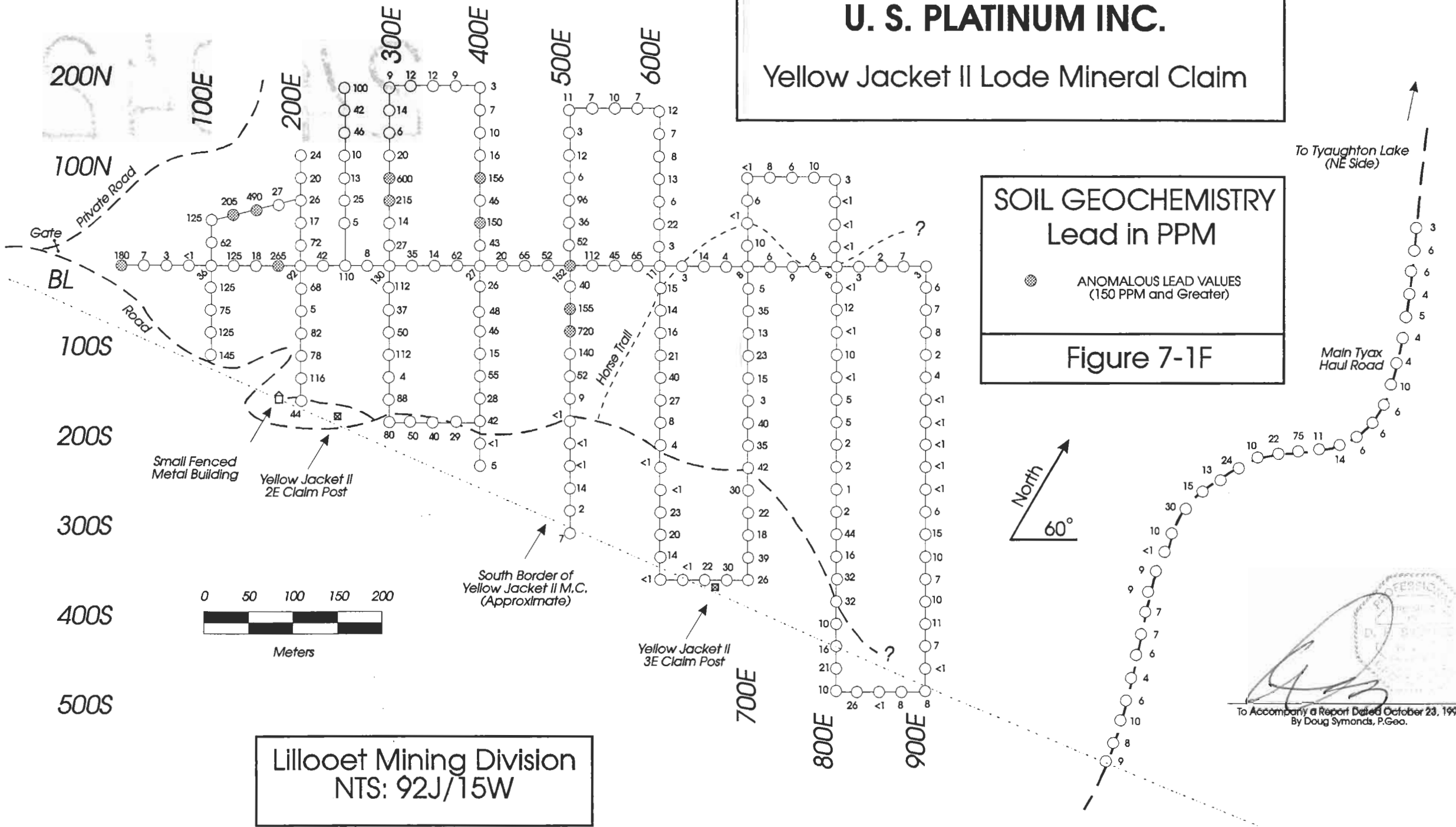
PROFESSIONAL
 GEOLOGICAL
 ENGINEER
 B.C. SOCIETY OF
 PROFESSIONAL
 ENGINEERS

[Signature]

To Accompany a Report Dated October 23, 1996
 By Doug Symonds, P. Geo.

U. S. PLATINUM INC.

Yellow Jacket II Lode Mineral Claim



Lillooet Mining Division
NTS: 92J/15W

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U. S. PLATINUM INC.

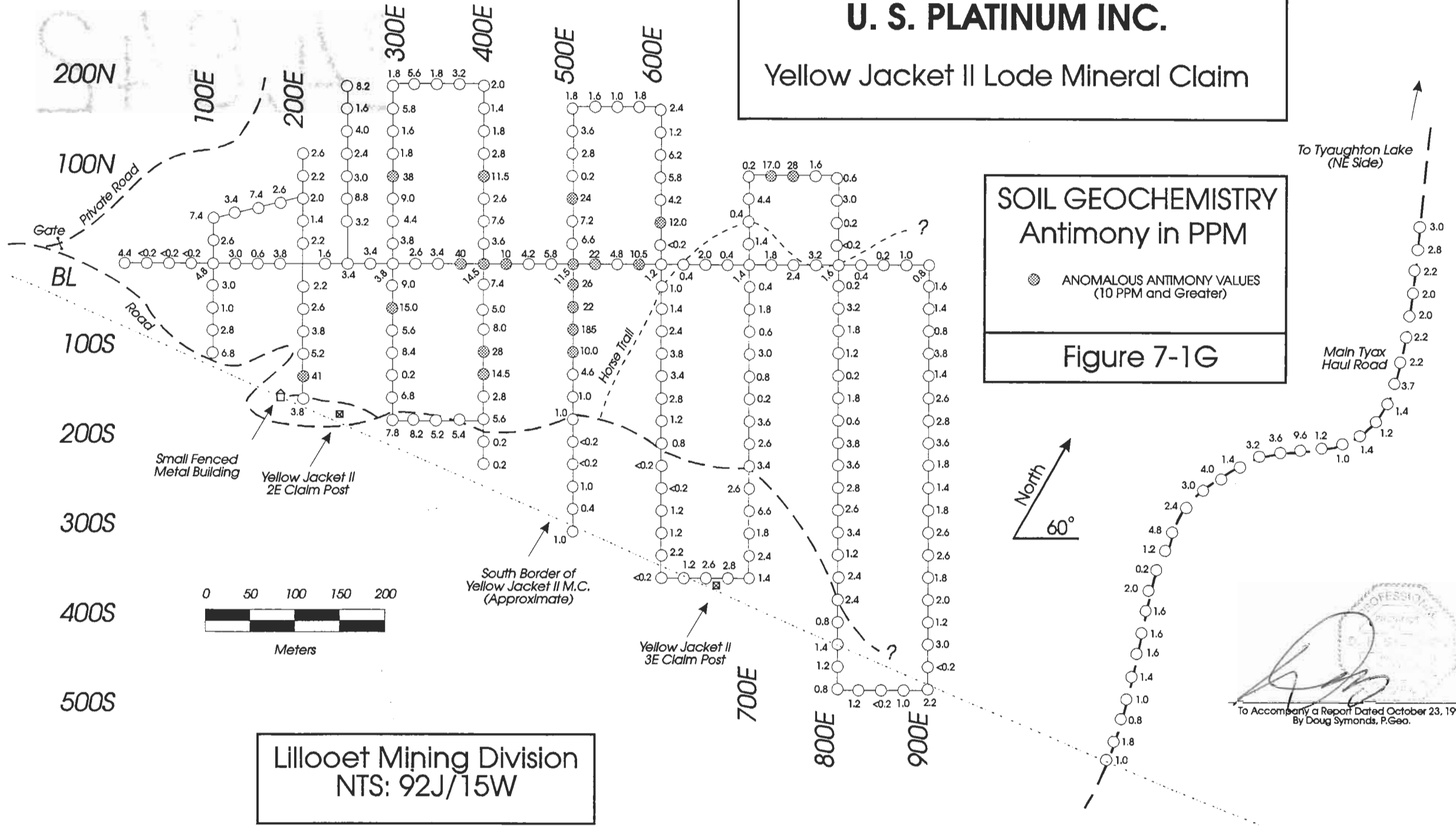
Yellow Jacket II Lode Mineral Claim

SOIL GEOCHEMISTRY

Antimony in PPM

● ANOMALOUS ANTIMONY VALUES
(10 PPM and Greater)

Figure 7-1G

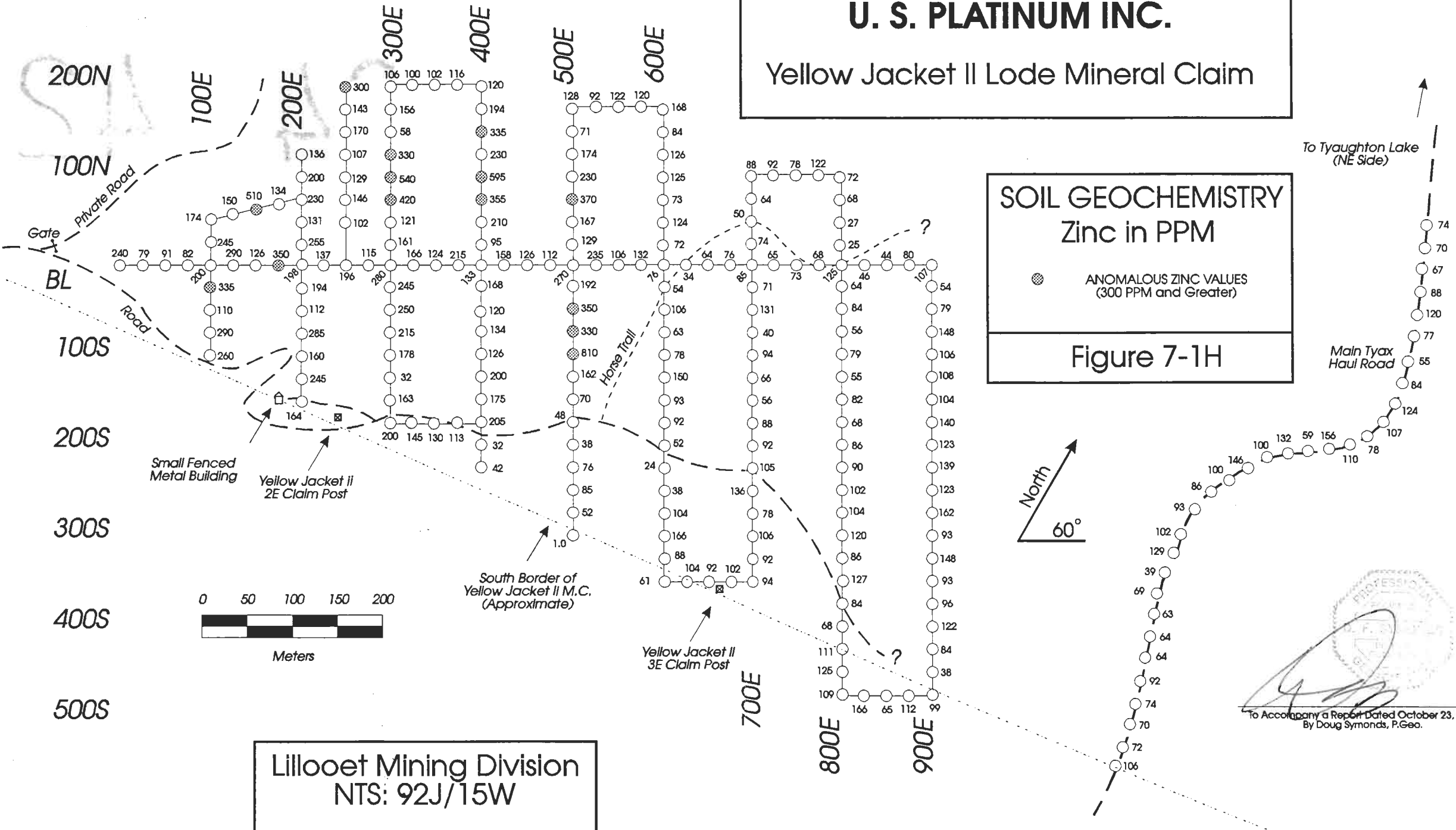


Lillooet Mining Division
NTS: 92J/15W

To Accompany a Report Dated October 23, 1996
By Doug Symonds, P.Geo.

U. S. PLATINUM INC.

Yellow Jacket II Lode Mineral Claim



SOIL GEOCHEMISTRY
Zinc in PPM

● ANOMALOUS ZINC VALUES
(300 PPM and Greater)

Figure 7-1H

Lillooet Mining Division
NTS: 92J/15W

To Accompany a Report Dated October 23, 1996
By Doug Symonds, P.Geo.