



**2001 SUMMARY REPORT ON THE
BUG PROPERTY
BUG 1 -22, 23 - 24 FR, 25 - 27**

**Located in the Pelly Mountains
Watson Lake Mining District
NTS 105G/7 and 8
6814000 m North
428000 m East
(UTM Zone 9, NAD 27)**

Prepared by

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094309

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JULY 2002

DATES OF WORK PERFORMED

28 JULY TO 13 AUGUST 2001

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 10,800.

for *M. B. [Signature]*
Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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1.0 SUMMARY

The Bug property consists of 27 Yukon mineral claims located in the Watson Lake Mining District (Figure 1).

Expatriate Resources Limited carried out a soil-sampling and geological mapping program on the claims during the 2001 exploration season with the objective of discovering volcanogenic massive sulphide deposits. The data and costs from this program are presented herein.

Mobilization commenced on 28 July 2001 and was intermittent and continued until 13 August 2001. During this period, seventy-two soil samples were collected on the Bug property and three days of geological mapping was conducted.

The program was supported from a base camp on Wolverine Lake that in turn was supported by an airstrip located approximately five kilometers to the southeast. The camp and the airstrip are all connected by a dirt road. The 2001 work program is summarized in sections 8.0.

2.0 PROPERTY DESCRIPTION AND LOCATION

The Bug property is located in the southeast Yukon at 6814000 metres north and 428000 metres east (UTM Zone 9, NAD 27) (Figure 1) in the Watson Lake Mining District. It consists of twenty-seven contiguous mineral claims registered in the name of Expatriate Resources Ltd. Table 1 lists the pertinent claim information. Figure 2 illustrates the detailed location of the claims.

Claim Group	Claim Number From	Claim Number To	Number of claims	Record Number From	Record Number To	Expiry Date*
BUG	1	22	22	YB93298	YB93319	July 26, 2006
BUG	23Fr	24Fr	2	YB93320	YB93321	July 26, 2006
BUG	25	27	3	YB93322	YB93324	July 26, 2006

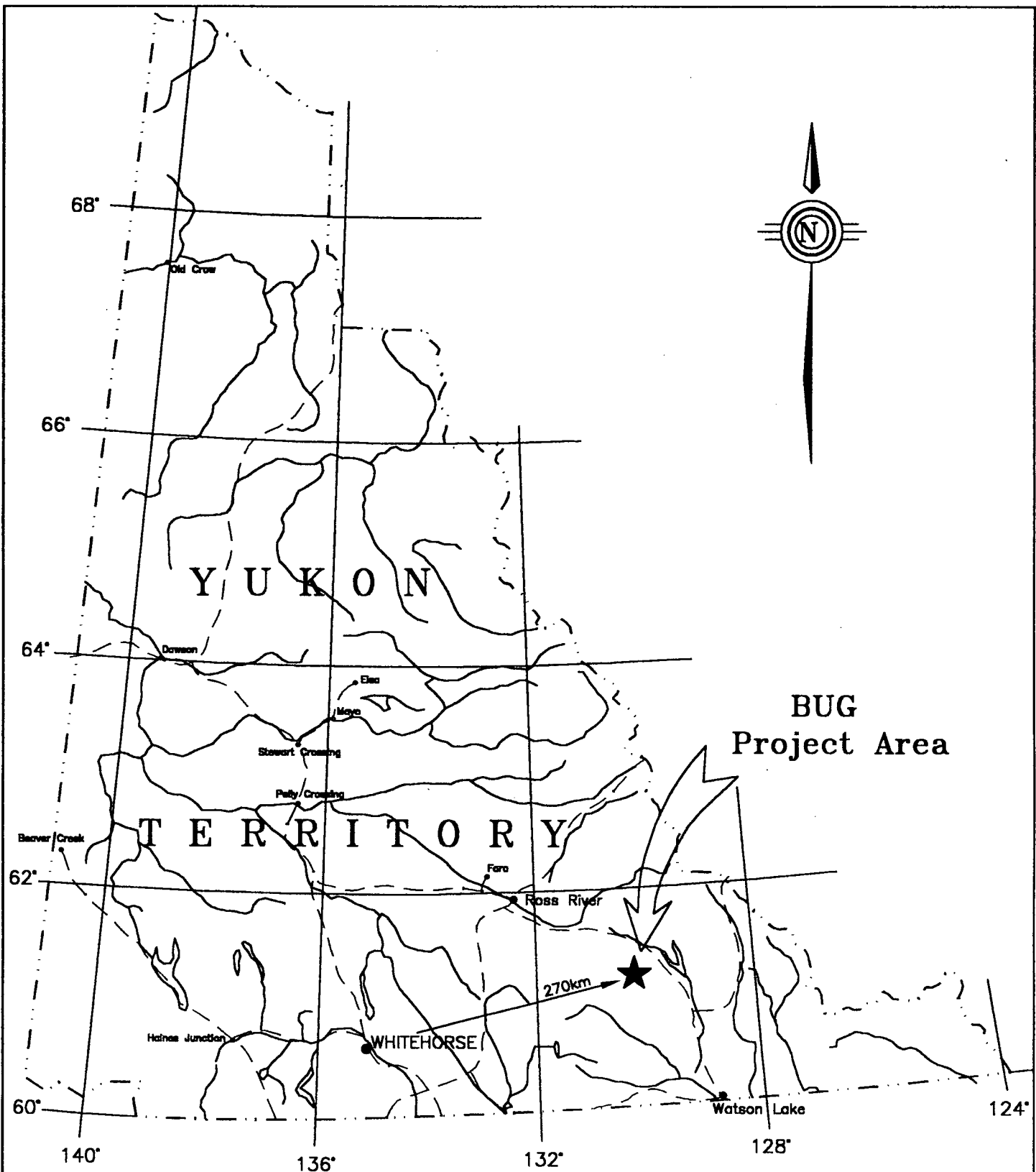
Table 1. Claim Registration Information

* Expiry date includes work filed for assessment credit but not yet accepted.


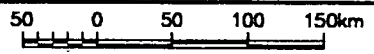
3.0 ACCESSIBILITY, CLIMATE, INFRASTRUCTURE AND PHYSIOGRAPHY

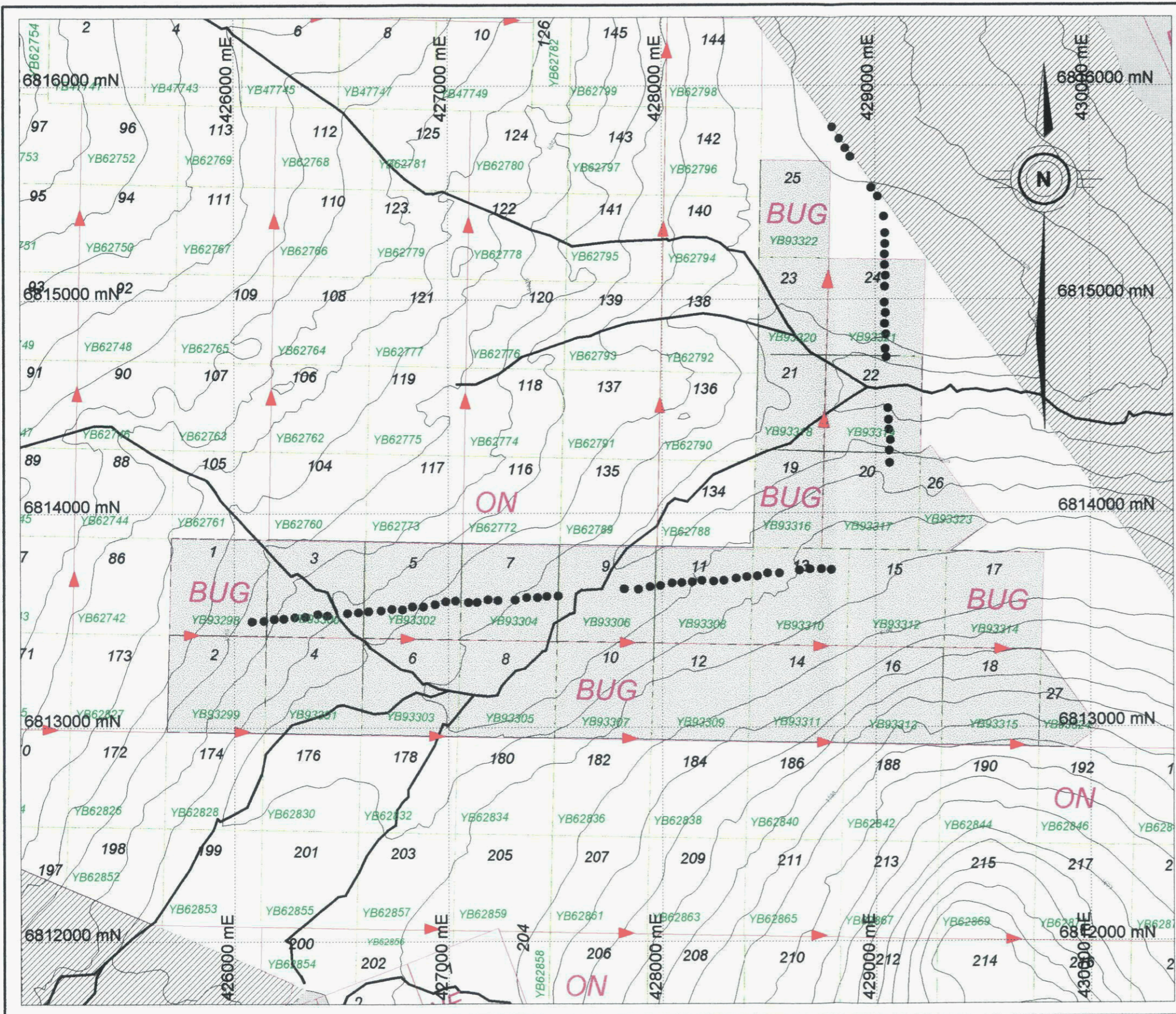
The Bug property lies mainly within the Campbell Range of the Pelly Mountains, a sub-division of the Yukon Plateau physiographic region of the northern Cordillera. Elevation in the Campbell Range varies between 1000 meters and 2350 meters above sea level. The Campbell Range is bounded by the Yukon Plateau to the northeast and the main body of the Pelly Mountains to the southwest. Glaciation in the area between 26,500 and 10,000 years ago resulted in the formation of broad anastomosing valleys, isolated mountains and small mountain ranges. Tributaries to drainages occupying the valleys commonly originate in cirque valleys. Wide valleys are commonly infilled with glacialfluvial sediments.

The claims are situated in a broad glacial valley immediately north of two small, unnamed lakes in NTS map sheet 105G/8 (Figure 2). Elevations range from 1200 metres to 1560 metres above sea level. Topographic relief is gentle to moderate. Creeks draining the property flow northward into Wolverine Lake and eventually into the Frances and Liard Rivers, which are part of the MacKenzie River drainage.

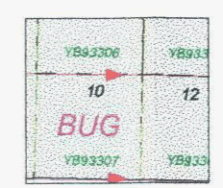


**BUG
Project Area**

		EXPATRIATE RESOURCES LIMITED	
Work By	Expatriate	Project Location Sketch	
Date Drafted	Jan 15, 2002		
Drafted By	R. Duncan		
N.T.S. Number			Figure
File Name	Scale 1 : 2 500 000		1.0
Bug_Inv_Fig1.dwg			



LEGEND



-  Bug Claim Group
-  2001 Soil Sample Locations
-  Lakes
-  Streams, Rivers
-  R-Block



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Fig. 2

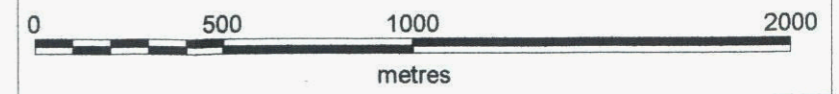
Bug Property Claim & Soil Sample Location

Date: 15/01/2002
 Author: R. Duncan
 Office: Vancouver

Scale: 1:10,000

Projection: UTM Zone 9 (NAD 27 for Canada)

Scale: 1:20,000



Pleistocene valley glaciation resulted in scattered clusters of scoured bedrock surrounded by glacial till. Most hillsides are blanketed by a thin layer talus.

The property straddles the tree line. Vegetation ranges from moderately dense growths of stunted black spruce and alder through buck brush, willow, and moss above 1380 metres to scattered buck brush, alpine grass and lichen at the upper elevations in the southeast corner of the property.

The area climate is described as cold continental with mean summer temperatures around 12° C and mean winter temperatures around -20° C. Precipitation falls fairly evenly throughout the year, predominately as rain from May through September and snow for the balance of the year. The average annual total precipitation is 500 mm..

During the 2001 field season access to the property was by contract helicopter from the base camp located at the Wolverine Lake. The Wolverine Lake base camp was situated 10 kilometres northeast of the property.

4.0 HISTORY

No previous work was done on these claims to the author's knowledge. It is known however that the Redline claim block to the south and the ON claims which surround the property have been extensively explored by both Expatriate and Teck – Cominco. Several drill holes were completed on the Redline property and a number of them intersected stratigraphy and mineralization that indicated that the area is favourable for volcanogenic massive sulphide deposits.

5.0 GEOLOGICAL SETTING

Regional Geology

The rocks underlying this part of south-eastern Yukon have been assigned to the Yukon-Tanana and Slide Mountain Terranes (Mortensen, 1983; Mortensen and Jilson, 1985). The Yukon-Tanana geologic record appears to reflect stable, continental platform and shelf sedimentation with intervening periods of back arc rifting and or extension accompanied by bimodal volcanism that were developed within reduced basinal settings (Piercey and Paradis, in press).

Recent geological mapping by Murphy (1997, 1998), Hunt and Murphy (1998) and Murphy and Piercey (1998, 2000) in the Kudz Ze Kayah region has subdivided the Yukon-Tanana Terrane into a number of subunits.

Layered metamorphic rocks in the Finlayson Lake region have been divided into three domains. From lowest to highest, these are the Grass Lakes Succession, the Wolverine Succession and the Campbell Range Succession.

The lowermost unit in the Grass Lakes Succession (Unit 1) is a mixed sequence dominated by quartzose psammite and metapelite with minor felsic metavolcanic schist, calcareous schist/metapelite and marble members. Cominco reports note that felsic metavolcanic members locally host minor base metal sulphide occurrences. The age of this unit is uncertain, but it is presumed to be pre-Devonian (Piercey, 2000).

The Devono-Mississippian Fire Lake mafic metavolcanic unit (Unit 2) consists of mafic metavolcanic schist with very minor carbonaceous phyllite, quartzite and rare marble. Locally significant metagabbro, metapyroxenite and meta-ultramafic bodies are present and these may represent intrusions that are comagmatic with the mafic volcanic rocks. The Fyre Lake Deposit of Pacific Ridge Resources Ltd. is a Besshi type (Hunt et al, 1997), copper-cobalt-gold VHMS deposit hosted by mafic metavolcanic rocks at the top of Unit 2. Unit 3 is a dominantly volcanic sequence of Mississippian aged granular to aphyric, quartz-sericite felsic metavolcanic schists (meta-ash/crystal tuff) and lesser, more massive to foliated aphyric (locally amygdaloidal) felsic cryptodomes/sills and feldspar+quartz augened schists (metaporphyries) with minor calcareous psammite, mafic metavolcanic schists and black carbonaceous phyllite. Unit 3 is the host of the Kudz Ze Kayah deposit, GP4F deposit, and the Fault Creek zone as well as numerous small occurrences in the area. The thickest accumulation of felsic metavolcanic rocks within this unit occurs in the Kudz Ze Kayah Project area. Mortensen (1983) reports Lower Mississippian (351-356 Ma) U-Pb ages from these metavolcanic rocks.

Quartz pebble conglomerate, mafic metavolcanic phyllite/schist with minor psammite, gray to black carbonaceous phyllite and quartzite of Unit 4 form a very thick sequence extending north of the Kudz Ze Kayah deposit.

The lowest unit of the Wolverine Succession is a mixed package of carbonaceous phyllite with coarse feldspathic sandstone, grits and conglomerates (Unit 5l). This sequence is overlain by phyllite and locally porphyritic felsic metavolcanic rocks (Units 5cp and 5f/qfp). Metafelsic tuff (Unit 6) is intruded by locally significant felsic quartz-feldspar metaporphyry. This sequence contains intervals of thinly bedded, pale coloured siliceous rocks (exhalite) with associated barite-magnetite-iron carbonate iron formation and light coloured phyllite grading up section into pale siliceous rocks with intercalated dark gray to black phyllite. The top of Unit 6 comprises carbonaceous phyllite/argillite, sandstone with minor mafic metavolcanic flows and locally developed diamictites containing both mafic and felsic fragments. Expatriate/Atna's Wolverine VHMS deposit is located at the base of Unit 6. Age constraints on this sequence come from a concordant U-Pb zircon age of 345.2±1.1 Ma on a felsic crystal tuff from Unit 6. Piercey, 2000 interpret this as the best age estimate of the Wolverine Succession.

Murphy and Piercey (1999) interpret the contact between the Grass Lakes Succession and the somewhat parallel Wolverine Succession to be an angular unconformity thus implying a period of lowest Mississippian deformation, uplift and erosion between the two volcanic events. This somewhat controversial theory is based on the interpretation of a coarse feldspathic sandstone containing eroded detrital feldspars at the base of Unit 5l and the belief that the Grass Lakes Succession has undergone at least two phases of deformation while the geographically distinct Wolverine Succession has been deformed by only one phase of deformation. Both Cominco and Expatriate geologists recognize the apparent structural and stratigraphic differences between the two successions and, similarly, between the host sequences at the Kudz Ze Kayah and Wolverine districts. However, there is as yet no consensus from industry workers on the reasons for these differences; (MacRobbie and Holroyd, 2000). One structural study of the region carried out by Cominco suggested that the multiphase deformation observed at Kudz Ze Kayah was developed in the footwall of a regional scale thrust sheet which is no longer exposed (having been eroded in the Kudz Ze Kayah area) but which contains the Wolverine deposit (Szybinski, 1996b).

The top of the Wolverine Succession is thought to pass conformably into a thick sequence of mafic breccias, pillowed and massive basalt flows with minor intrusive gabbro/diabase as well as maroon chert, argillite, sandstone, quartz grit and chert pebble conglomerate. This sequence, termed the Campbell

Range Belt, is thought to be Pennsylvanian to Permian in age (Murphy and Piercey, 1998). Others (Plint, 1994; Mortensen and Jilson, 1985; Mortensen, 1983) have described the Campbell Range Belt as part of the allochthonous Slide Mountain Terrane and suggest that it was emplaced over the Grass Lake and Wolverine Successions by thrust faulting. Diamond drilling at the Wolverine Deposit has intersected the contact and it appears to be conformable and somewhat gradational at this location, supporting the former hypothesis.

Mafic volcanic rocks of the Campbell Range Belt are host to a significant Cyprus type VHMS deposit on Expatriate's Ice property which has an estimated resource of 4.56 million tonnes grading 1.48% Cu with minor Co, Au, Ag and Zn (Expatriate Resources Ltd., 2000). This sequence also hosts stratabound mineralization at the Julia showing on Atna's Money property near Wolverine Lake.

The Grass Lakes Succession layered rocks are intruded by strongly foliated granitic stocks of the Devonian to Mississippian Grass Lakes Plutonic Suite. This suite consists of variably sheared peraluminous K-feldspar megacrystic to K-feldspar porphyritic granitoids that are interpreted by Piercey et al (2000) to be the subvolcanic equivalents to felsic volcanic rocks of Unit 3. Biotite-hornblende granite and quartz monzonite of the Simpson Range Plutonic Suite is temporally equivalent to the Wolverine Succession.

Petrologic characteristics of the felsic volcanic rocks of the Finlayson Lake district, coupled with their regional tectono-stratigraphic setting, suggest that the associated VHMS deposits formed within a Late Devonian-Early Mississippian ensialic back arc basin that developed behind a west facing (east dipping) continental margin arc (Piercey et al, 2000). The occurrence of high temperature, high field strength element enriched, A-type felsic volcanism in an extensional environment provided the high heat flow and ground preparation required for the generation, maintenance and focussing of hydrothermal systems (*op cit*) that are necessary for the development of economically significant VHMS districts.

A sub-horizontal to moderately steep north to northeast dipping, penetrative ductile deformation fabric (S_2) and locally preserved isoclinal folding with associated middle green schist facies (chlorite-biotite grade) metamorphism affects all Grass Lakes Succession lithologies. It is less prominent or absent in the Wolverine Succession and Campbell Range Belt. These fabrics and the metamorphism may reflect two phases of deformation: an early Mississippian event; and, an event related to continent arc collision during the Late Permian to early Triassic time (Murphy and Piercey, 1999).

6.0 DEPOSIT TYPES

The VHMS occurrences present in the Finlayson Lake region represent a variety of deposit types. The Fyre Lake VHMS occurrence of Pacific Ridge Resources, Expatriate's Kudz Ze Kayah deposit, Fault Creek zone, and GP4F deposits are hosted by the Devono-Mississippian Grass Lakes Sucession at the base of the sequence. The Expatriate-Atna Wolverine VHMS deposit is contained within the Mississippian Wolverine Succession that appears to unconformably overlie the Grass Lakes stratigraphy. The Ice VHMS deposit of Expatriate's lies within the Campbell Range Belt, a sequence of pillow basalts with lesser chert and clastic sedimentary rocks that overlies the Wolverine rocks with apparent conformity.

The Fyre Lake occurrence is a Besshi type deposit while the Kudz Ze Kayah, Fault Creek and GP4F deposits are Mattabi/Kuroko hybrids that may have involved partial replacement of felsic tuff host rocks in addition to conventional seafloor sulphide deposition around a hydrothermal vent. The Wolverine deposit is very sheet like and has characteristics of a sedex-VHMS hybrid. The Ice deposit is a classic Cyprus type

that formed as a footwall basalt hydrothermal replacement/stockwork zone overlain by a pyritic sulphide mound. In addition to these deposits, numerous minor occurrences and showings of various VHMS deposit types have been discovered throughout the district in the past five years. This level of deposit type diversity and style in the Finlayson Lake camp is unparalleled in VHMS camps elsewhere.

The mineral inventories of the VHMS deposits in the Finlayson Lake district are summarized in Table 2.

Deposit	Tonnes	Copper (%)	Zinc (%)	Lead (%)	Silver (g/t)	Gold (g/t)
Fyre Lake¹	8,200,000	2.10	--	--	--	0.7
Kudz Ze Kayah²	11,300,000	0.90	5.90	1.50	133	1.3
GP4F³	1,500,000	0.10	6.40	3.10	90	2.0
Wolverine⁴	6,237,000	1.33	12.66	1.55	371	1.8
Ice⁵	4,562,000	1.48	--	--	--	--

Table 2. *Finlayson Lake District VHMS Deposit Inventories*

¹ Fyre Lake preliminary resource estimated by Pacific Ridge Resources Ltd. (1997)

² Kudz Ze Kayah mineable in-pit indicated resource calculated by Cominco Ltd. (1996)

³ GP4F inferred geological resource calculated by Cominco Ltd. (1999)

⁴ Wolverine measured, indicated and inferred geological resource calculated by Westmin Resources Limited. (1998)

⁵ Ice geological resource estimated by Expatriate Resources Ltd. (1997)

The felsic volcanic-hosted VHMS deposits of the Finlayson Lake District occur in a setting strikingly similar to the Bathurst district, New Brunswick (Piercey, 2000). Both districts are mixed volcanic and sedimentary terranes of Palaeozoic age. Apparent tectonic setting is almost identical with mineral deposits in the Bathurst area related to two episodes of Ordovician felsic volcanism that spanned a fifteen million year period of ensialic rifting in a back arc basin setting. Mafic volcanism that accompanied early stages of rifting in the Finlayson Lake district (host of the Fyre Lake deposit) has no correlatives in the Bathurst camp. A pillow basalt-chert sequence similar to the Campbell Range Belt caps the ore bearing sequence at Bathurst but no analogy to the Ice deposit has yet been discovered.

The Bathurst District is a 60 by 60 kilometre felsic volcanic-sedimentary sequence that contains at least 35 identified zinc-lead-copper massive sulphide deposits. These include eight past or presently producing mines that, in addition to about 100 occurrences, contain an aggregate pre-production resource in excess of 250 million tonnes.

As is common in most VHMS districts, a wide variety of deposit morphologies are present at Bathurst. A characteristic in common with the Finlayson Lake district is the association of Brunswick Mine-Heath Steele Mine area massive sulphide deposits with regionally extensive iron formations.

In the Finlayson Lake District exploration methods successfully utilized by operators include prospecting, geological studies, soil and rock geochemistry, airborne magnetic (MAG) and electromagnetic (EM) surveys, ground magnetic, ground MAG, EM, and gravity surveys, down hole EM surveys, and diamond drilling. Remote sensing and radiometric surveys have also been undertaken with limited success.

7.0 MINERALIZATION

No mineralization was identified during the 2001 field program.

8.0 EXPLORATION

Expatriate Resources Limited carried out a soil-sampling and geological mapping program on the claims during the 2001 exploration season with the objective of discovering volcanogenic massive sulphide deposits. The data and costs from this program are presented herein.

Mobilization commenced on 28 July 2001 and was intermittent and continued until 13 August 2001. During this period, seventy-two soil samples were collected on the Bug property and three days of geological mapping was conducted. Property geology and sample locations are presented on figure 3. Sample results are presented for lead, zinc, copper, gold, silver, cadmium and barium on figures 4 to 10 respectively.

The program was supported from a base camp on Wolverine Lake that in turn was supported by an airstrip located approximately five kilometers to the southeast. The camp and the airstrip are all connected by a dirt road.

Soil sampling has identified three areas with samples returning greater than 98th percentile results in a number of different elements.

On the Bug 5 and 7 claims three samples had a good copper, gold and lead geochemical response. These samples are found within KZK equivalent stratigraphy.

On the Bug 11 claim, in similar stratigraphy, three samples had a coincident copper, lead, zinc and cadmium response, with all the samples returning greater than 98th percentile for each of the elements.

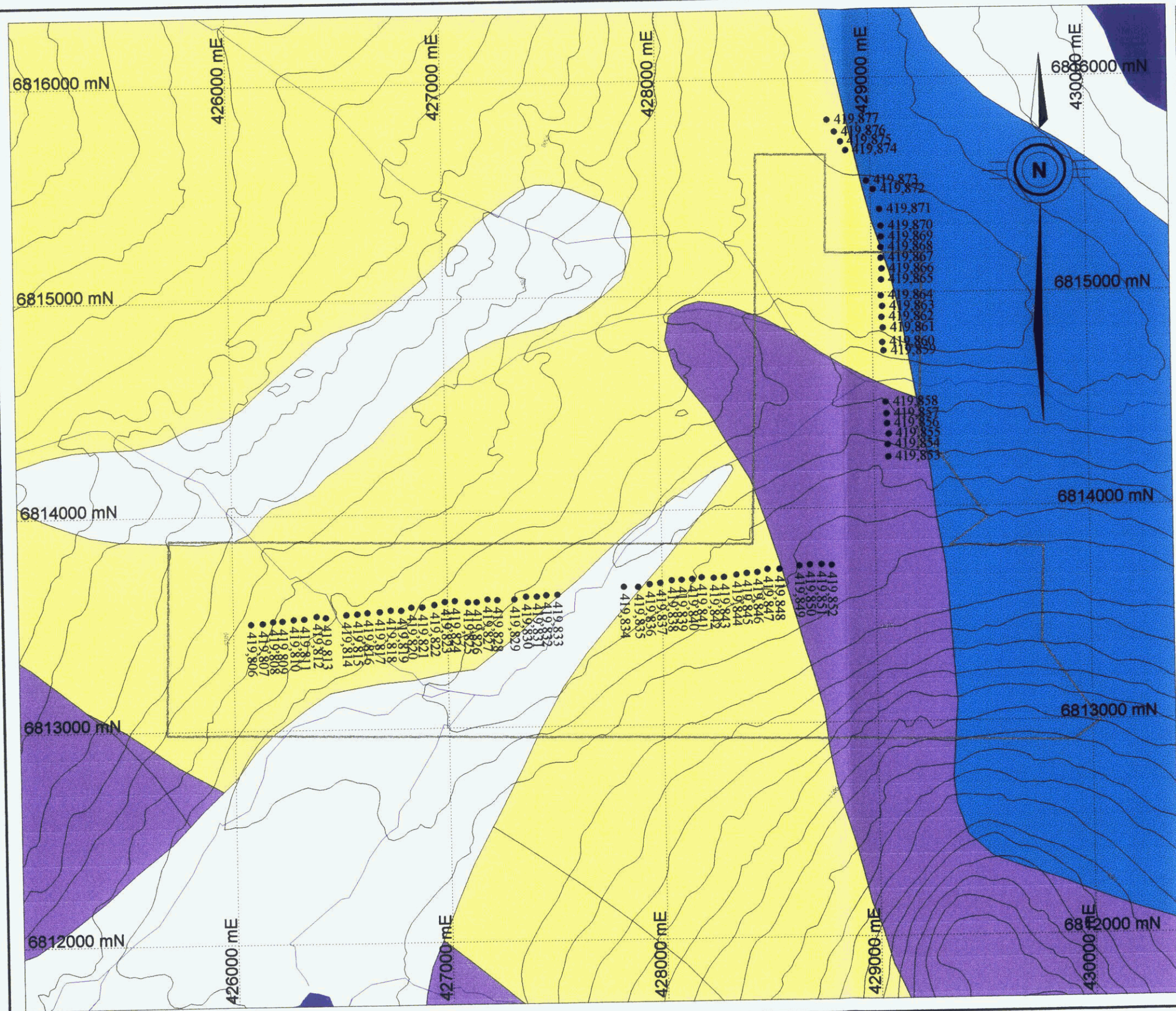
On the Bug 24 and 25 claims, several samples returned high values of copper, zinc, cadmium and barium. Again these samples are all located within the favourable KZK stratigraphy.

The property was found to have some outcrop although typically it is less than 10%. Several of the deeply incised creeks on the west side of the property were the only place where one could get a good look at the geology. Accordingly the geology maps have not been modified much from the maps that were released by Murphy and Piercey.

All geochemical results are found in Appendix 1.

9.0 SAMPLING METHOD AND APPROACH

All soil samples were collected with either an augur or with a traditional mattock. All samples were of good B or C-horizon soils. All samples sites were located using GPS and are accurate to within 50 metres. The location data was dumped to a field computer and then this data was merged with the analytical data that was received by the company digitally from ALS Chemex. This data was integrated into Expatriate's regional soil database, statistics calculated and the area of interested was plotted on the attached maps.



LEGEND

- Qs - unconsolidated sediments
- CWcl - Coarse meta-sandstone
- Mk - KZK felsic metavolcanics
- MGg - Grass Lakes Plutonic Suite
- Bug Claim Group
- 2001 Soil Sample Locations
- Streams, Rivers, Lakes



Expatriate Resources Ltd.

Fig. 3

Bug Property Geology & Soil Sample Location

Date: 15/01/2002

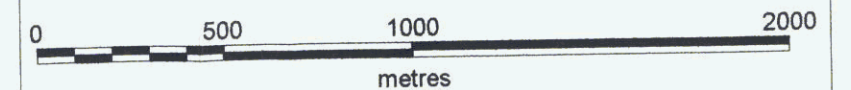
Author: R. Duncan

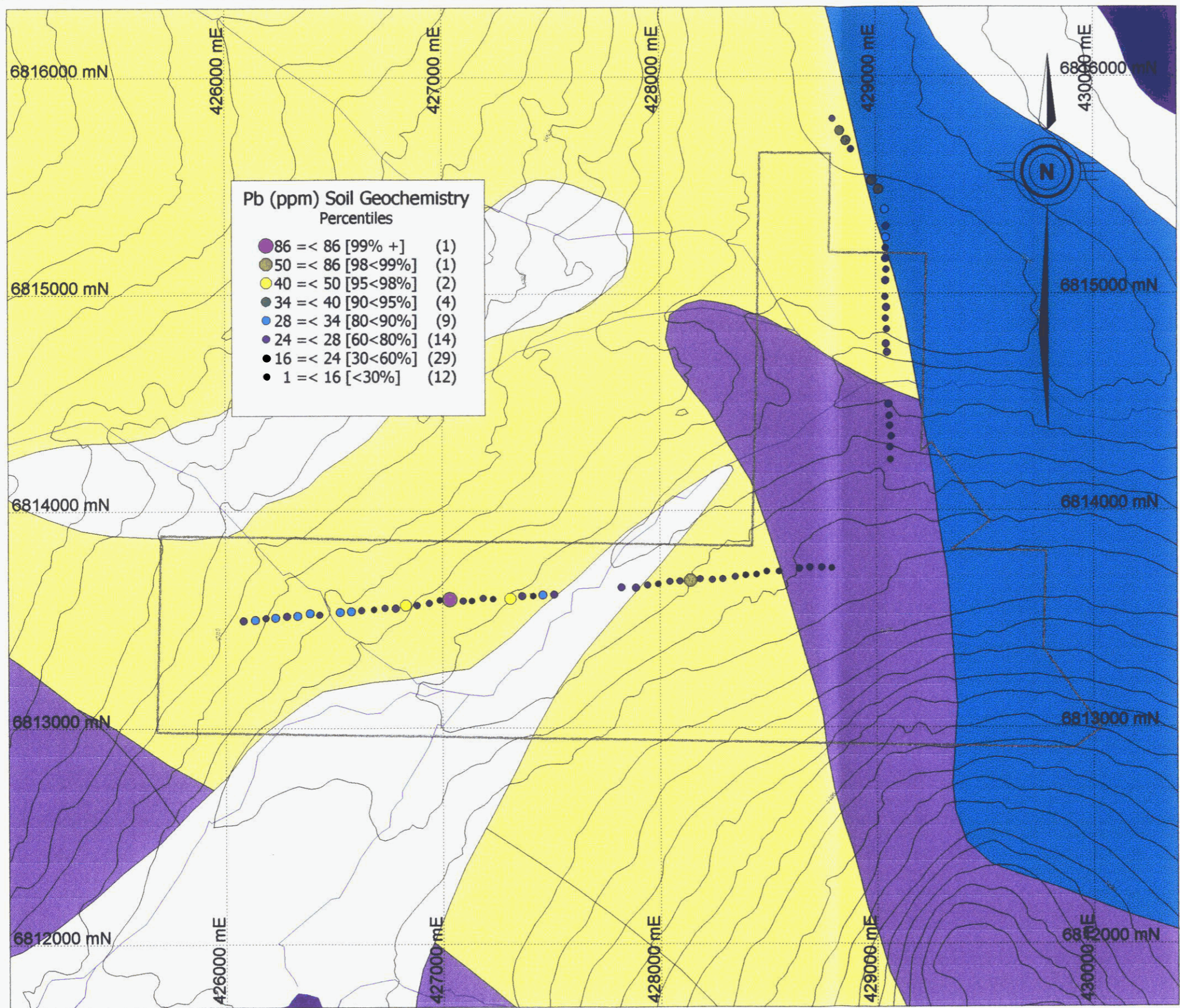
Office: Vancouver

Scale: 1:20,000

Projection: UTM Zone 9 (NAD 27 for Canada)

Scale: 1:20,000





LEGEND

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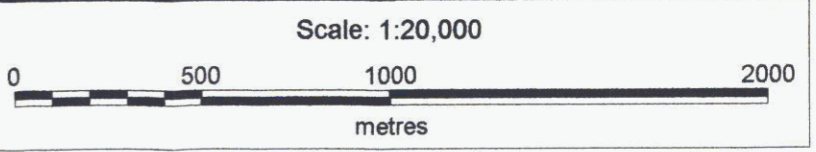
Expatriate Resources Ltd.

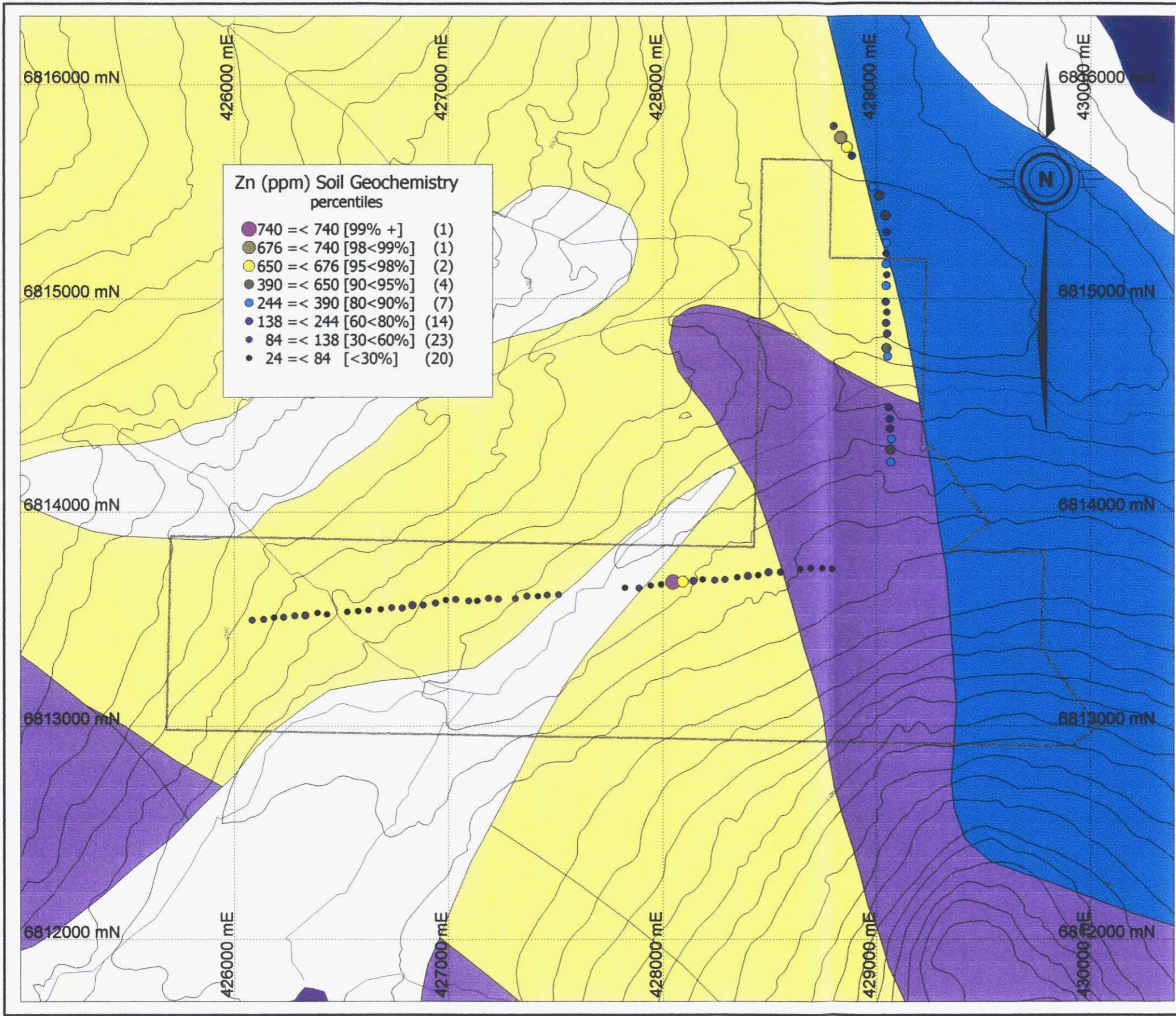
Fig. 4

Date: 15/01/2002
 Author: R. Duncan
 Office: Vancouver



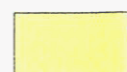




**Bug Property
 Pb (ppm) in Soils**

Scale: 1:20,000 Projection: UTM Zone 9 (NAD 27 for Canada)





LEGEND

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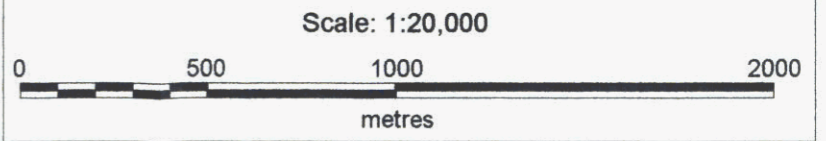
 Expatriate Resources Ltd.

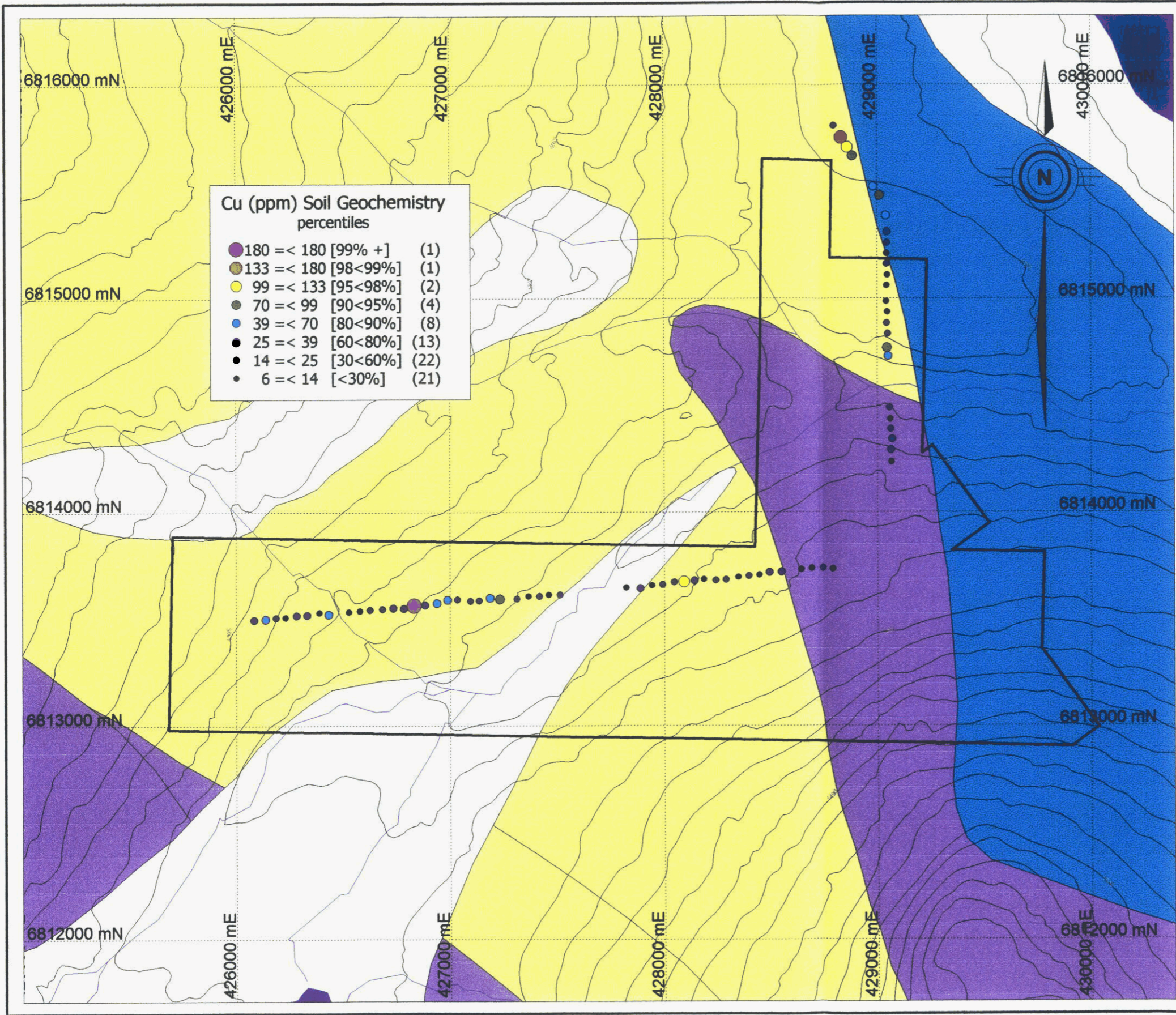
Fig. 5

Date: 15/01/2002
 Author: R. Duncan
 Office: Vancouver

**Bug Property
 Zn (ppm) in Soils**

Scale: 1:20,000 Projection: UTM Zone 9 (NAD 27 for Canada)





LEGEND

- Qs - unconsolidated sediments
- CWcl - Coarse meta-sandstone
- Mk - KZK felsic metavolcanics
- MGg - Grass Lakes Plutonic Suite
- Bug Claim Group
- 2001 Soil Sample Locations
- Streams, Rivers, Lakes

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Fig. 6

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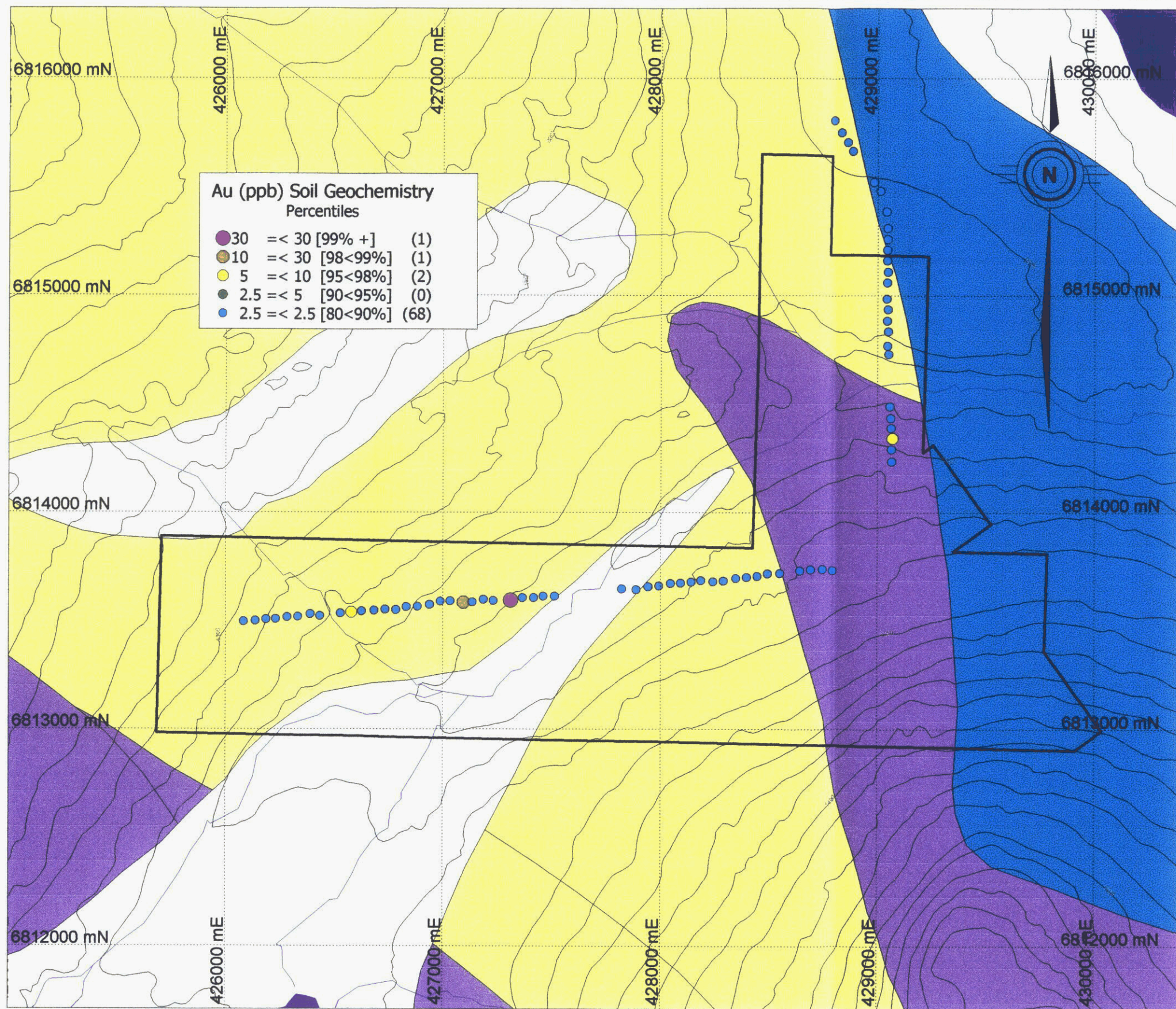
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Projection: UTM Zone 9 (NAD 27 for Canada)



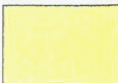

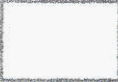


**Bug Property
Cu (ppm) in Soils**

Scale: 1:20,000

0 500 1000 2000 metres



LEGEND

-  Qs - unconsolidated sediments
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Expatriate Resources Ltd.

Fig. 7

Date: 15/01/2002

Author: R. Duncan

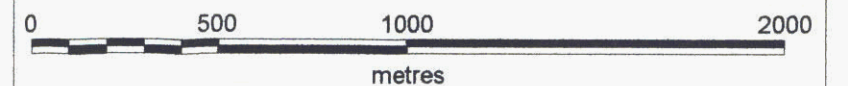
Office: Vancouver

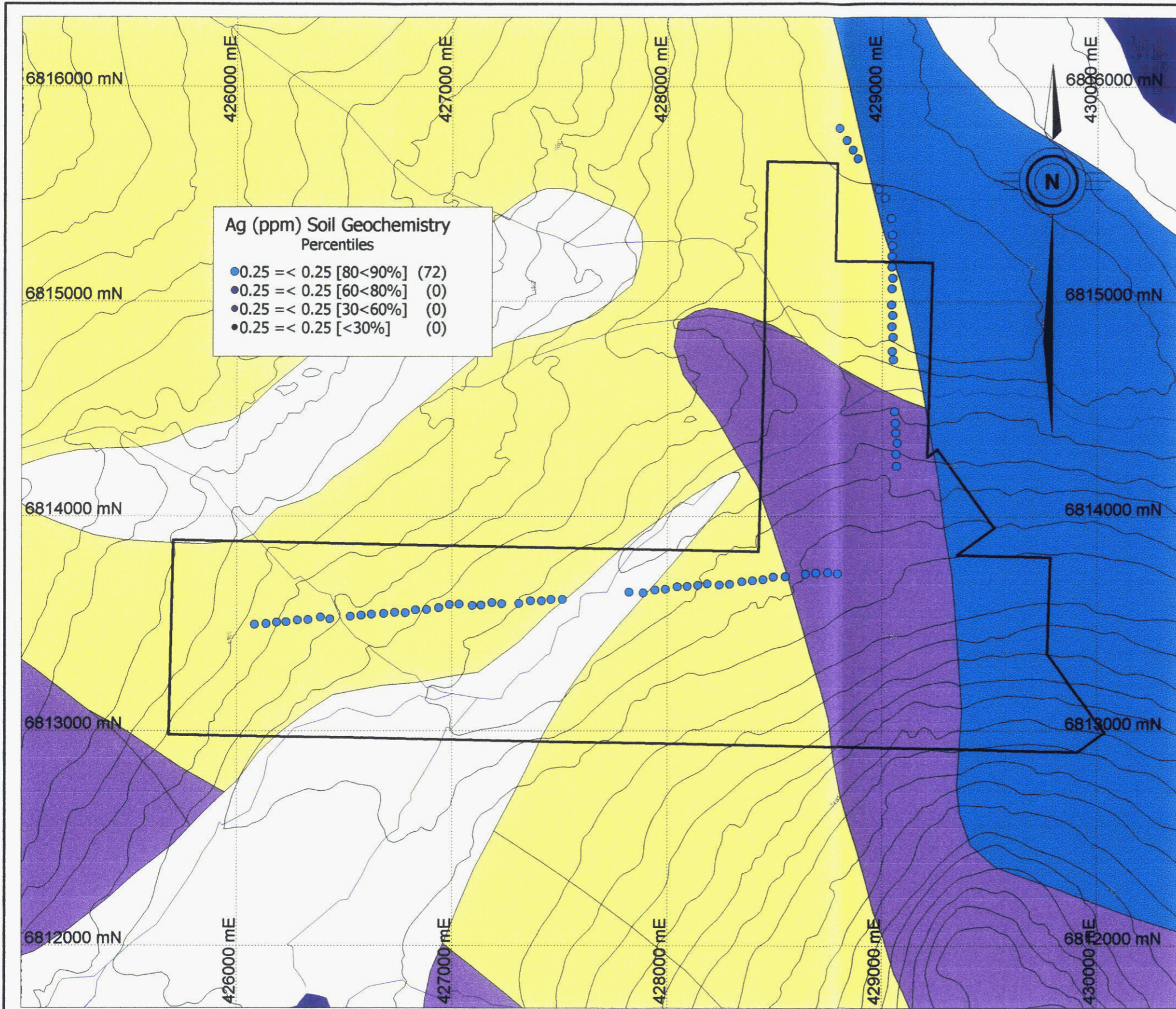
**Bug Property
Au (ppb) in Soils**

Scale: 1:20,000



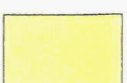




Projection: UTM Zone 9 (NAD 27 for Canada)

Scale: 1:20,000





LEGEND

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 Expatriate Resources Ltd.

Fig. 8

Date: 15/01/2002

Author: R. Duncan

Office: Vancouver

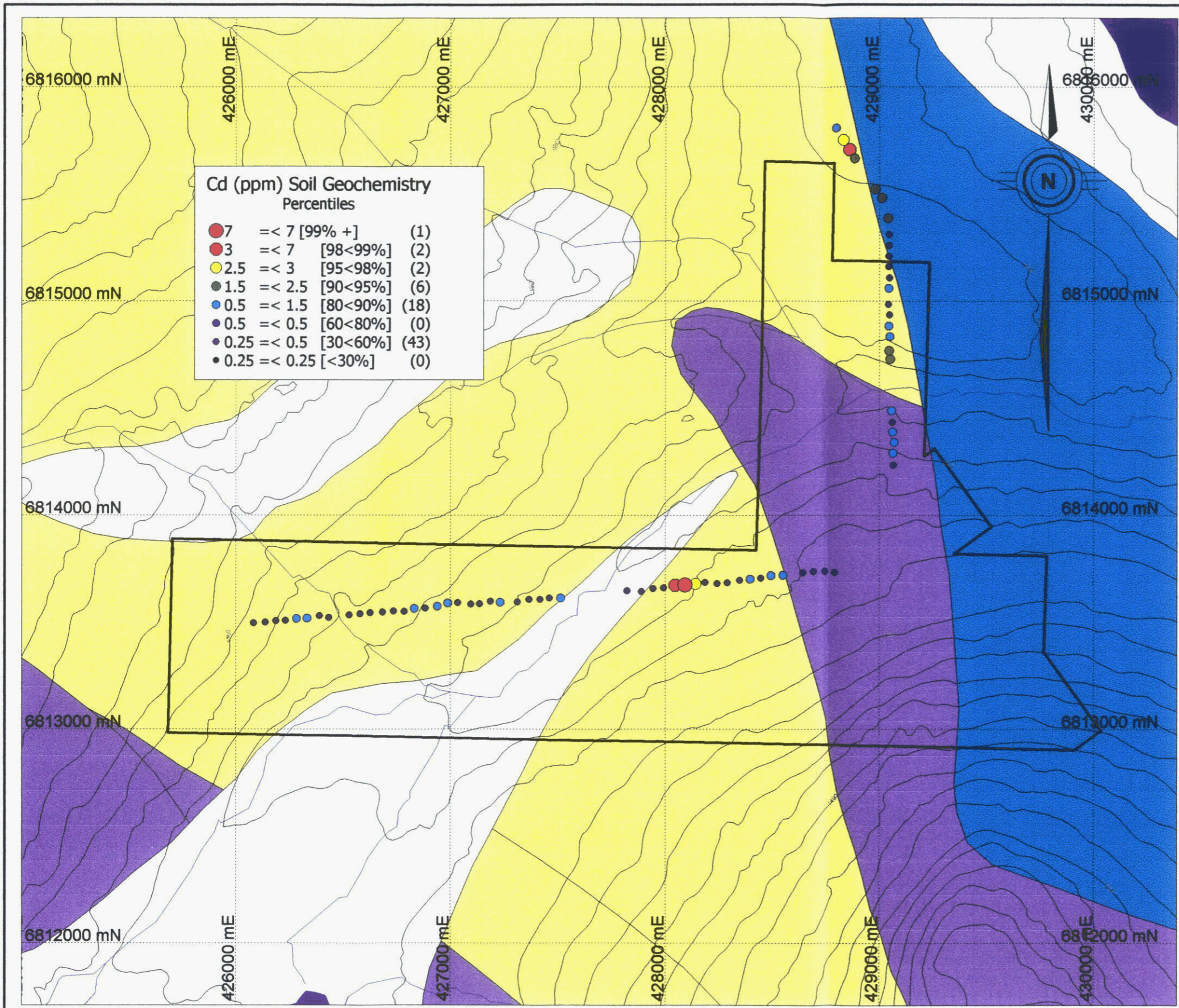
Bug Property Ag (ppm) in Soils

Scale: 1:20,000

Projection: UTM Zone 9 (NAD 27 for Canada)

Scale: 1:20,000





Cd (ppm) Soil Geochemistry Percentiles

● 7	=< 7 [99% +]	(1)
● 3	=< 7 [98<99%]	(2)
● 2.5	=< 3 [95<98%]	(2)
● 1.5	=< 2.5 [90<95%]	(6)
● 0.5	=< 1.5 [80<90%]	(18)
● 0.5	=< 0.5 [60<80%]	(0)
● 0.25	=< 0.5 [30<60%]	(43)
● 0.25	=< 0.25 [<30%]	(0)

LEGEND

- Qs - unconsolidated sediments
- CWcl - Coarse meta-sandstone
- Mk - KZK felsic metavolcanics
- MGg - Grass Lakes Plutonic Suite
- Bug Claim Group
- 2001 Soil Sample Locations
- Streams, Rivers, Lakes

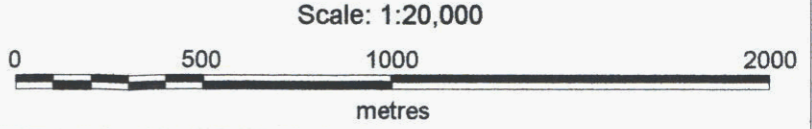
Expatriate Resources Ltd.

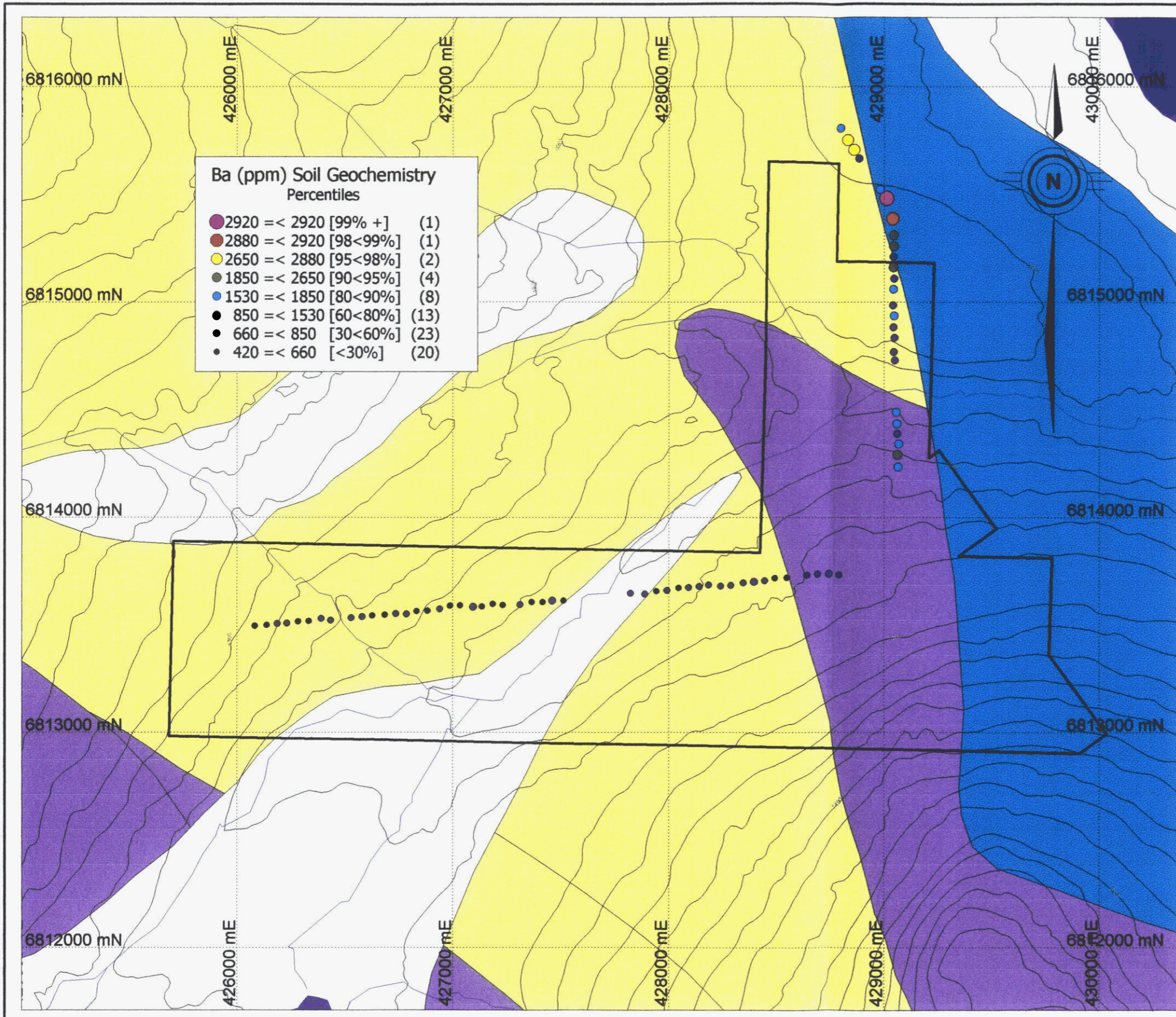
Fig. 9

**Bug Property
Cd (ppm) in Soils**

Date: 15/01/2002
 Author: R. Duncan
 Office: Vancouver

Scale: 1:20,000 Projection: UTM Zone 9 (NAD 27 for Canada)





Ba (ppm) Soil Geochemistry Percentiles

● 2920 =< 2920 [99% +]	(1)
● 2880 =< 2920 [98<99%]	(1)
● 2650 =< 2880 [95<98%]	(2)
● 1850 =< 2650 [90<95%]	(4)
● 1530 =< 1850 [80<90%]	(8)
● 850 =< 1530 [60<80%]	(13)
● 660 =< 850 [30<60%]	(23)
● 420 =< 660 [<30%]	(20)

LEGEND

- Qs - unconsolidated sediments
- CWcl - Coarse meta-sandstone
- Mk - KZK felsic metavolcanics
- MGg - Grass Lakes Plutonic Suite
- Bug Claim Group
- 2001 Soil Sample Locations
- Streams, Rivers, Lakes

Expatriate Resources Ltd.

Fig. 10

Date: 15/01/2002

Author: R. Duncan

Office: Vancouver

Scale: 1:20,000

Projection: UTM Zone 9 (NAD 27 for Canada)

**Bug Property
Ba (ppm) in Soils**

Scale: 1:20,000

0 500 1000 2000 metres

10.0 SAMPLE ANALYSES AND SECURITY

All samples were shipped from the Wolverine camp via Alkan Air and were delivered by Alkan Air employees to Air Canada Cargo for shipping to the Vancouver lab of ALS Chemex. The author has no reason to believe that there was any compromise of the sample integrity.

Analyses of the samples were by a 30-gram fire assay for gold and a 27 element ICP triple acid digestion process. If further specifications are required please contact the author or ALS Chemex.

11.0 DATA VERIFICATION

Expatriate completed no duplication of results or samples. A number of the samples were duplicated by ALS Chemex, as is done routinely, and no errors were reported in reproducibility.

12.0 INTERPRETATION AND CONCLUSIONS

Three areas of geochemically anomalous soils were identified in a short field evaluation of the 27 Bug claims located in the Finlayson district. The Bug claims were verified to be underlain by favourable Kudz Ze Kayah felsic stratigraphy and the preliminary results indicate that these areas require follow up work to determine the source of the soil geochemical anomalies which were discussed in section 8.0.

13.0 RECOMMENDATIONS

The property has very little outcrop and this makes it difficult to geologically map. It is recommended that additional soils be completed and that the airborne geophysics in this area be re-evaluated for any significant conductors or magnetically anomalous areas with this new limited data set in mind.

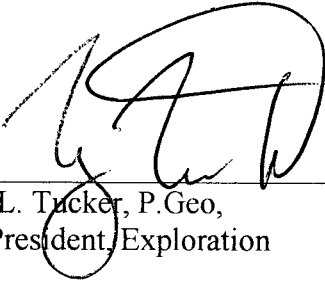
14.0 STATEMENT OF EXPENDITURES

I, Terry L. Tucker as agent for Expatriate Resources Limited, #701-475 Howe Street, Vancouver, B.C. do solemnly declare that soil sampling and geological mapping was carried out on the Bug 1 to 22, 23Fr, 24Fr, 25 – 27 claims between 28 July 2001 and 13 August 2001.

Soil sampling and geological mapping – total \$10,944.50

I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

Declared before me at Vancouver in the Province of British Columbia this 22 day of July 2002.



Terry L. Tucker, P. Geo,
Vice President, Exploration



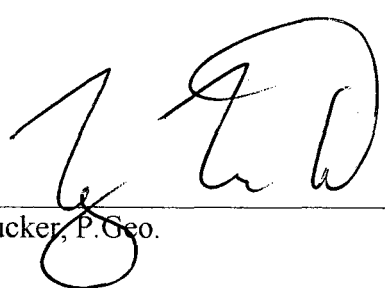
Accommodation and meals (6 days @ \$100 / day)	\$600
Assays (72 samples @ \$21 per sample)	\$1512
Geologist (3 days @ \$400 per day)	\$1200
Field Assistant (3 days @ \$300 per day)	\$900
Freight	\$350
Fixed Wing	\$600
Drafting / report writing / maps	\$700
Helicopter and fixed wing charters (3.1 hours @ \$1275 / hour + fuel)	\$4882.50
Supplies and miscellaneous	\$200
TOTAL	\$10,944.50

15.0 STATEMENT OF QUALIFICATIONS

I, Terry L. Tucker of 1541 Mahon Avenue, North Vancouver in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Geologist in the employ of Expatriate Resources Limited with offices at #701-475 Howe Street, Vancouver, British Columbia.
2. I am a graduate of the University of Alberta (B.Sc. Specialization Geology, 1989)
3. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia, an Associate of the Geological Association of Canada, a member of the Society of Economic Geologists, a member of the BC and Yukon Chamber of Mines, and a member of the Prospectors and Developers Association of Canada.
4. have practiced my geological profession since 1986 in many parts of Canada, Europe, United States, Mexico, Africa, Australia and Papua New Guinea.
5. THAT this report is based upon work on the property that I have either personally conducted or supervised between 28 July 2001 and 13 August 2001.
6. THAT I have no direct interest in the property described herein, nor do I expect to receive any interest.

DATED at Vancouver, British Columbia this 22 day of July 2002.



Terry L. Tucker, P. Geo.

APPENDIX 1
CHEMEX ASSAY CERTIFICATES



ALS Chemex

Aurora Laboratory Services 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: EXPATRIATE RESOURCES LTD.

701 - 475 HOWE ST.
 VANCOUVER, BC
 V6C 2B3

A0121810

Comments: ATTN: TERRY TUCKER

CERTIFICATE **A0121810**

(MPO) - EXPATRIATE RESOURCES LTD.

Project: GOAL NET/RED LINE
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 17-AUG-2001.

SAMPLE PREPARATION		
METHOD CODE	NUMBER SAMPLES	DESCRIPTION
SCR-42	165	-180 micron screen - Save Minus
SCR-01	165	Screen - Save Plus Charge
LOG-22	165	Samples received without barcode
3285	165	ICP-587 Tri Acid Dig'n Charge

ANALYTICAL PROCEDURES					
METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
WEI-21	165	Weight of received sample	BALANCE	0.01	1000.0
Au-AA23	165	Au-AA23 : Au ppb: Fuse 30 grams	FA-AAS	5	10000
Ag-ICP61	165	Ag ppm:Tri Acid Dig. ICP Package	ICP-AES	0.5	100
Al-ICP61	165	Al %:Tri Acid Dig. ICP Package	ICP-AES	0.01	25.00
As-ICP61	165	As ppm:Tri Acid Dig. ICP Package	ICP-AES	5	10000
Ba-ICP61	165	Ba ppm:Tri Acid Dig. ICP Package	ICP-AES	10	10000
Be-ICP61	165	Be ppm:Tri Acid Dig. ICP Package	ICP-AES	0.5	1000
Bi-ICP61	165	Bi ppm:Tri Acid Dig. ICP Package	ICP-AES	2	10000
Ca-ICP61	165	Ca %: Tri Acid Dig. ICP Package	ICP-AES	0.01	25
Cd-ICP61	165	Cd ppm:Tri Acid Dig. ICP Package	ICP-AES	0.5	500
Co-ICP61	165	Co ppm:Tri Acid Dig. ICP Package	ICP-AES	1	10000
Cr-ICP61	165	Cr ppm:Tri Acid Dig. ICP Package	ICP-AES	1	10000
Cu-ICP61	165	Cu ppm:Tri Acid Dig. ICP Package	ICP-AES	1	10000
Fe-ICP61	165	Fe %:Tri Acid Dig. ICP Package	ICP-AES	0.01	25.00
K-ICP61	165	K %:Tri Acid Dig. ICP Package	ICP-AES	0.01	10.00
Mg-ICP61	165	Mg %:Tri Acid Dig. ICP Package	ICP-AES	0.01	15.00
Mn-ICP61	165	Mn ppm:Tri Acid Dig. ICP Package	ICP-AES	5	10000
Mo-ICP61	165	Mo ppm:Tri Acid Dig. ICP Package	ICP-AES	1	10000
Na-ICP61	165	Na %:Tri Acid Dig. ICP Package	ICP-AES	0.01	10.00
Ni-ICP61	165	Ni ppm:Tri Acid Dig. ICP Package	ICP-AES	1	10000
P-ICP61	165	P ppm:Tri Acid Dig. ICP Package	ICP-AES	10	10000
Pb-ICP61	165	Pb ppm:Tri Acid Dig. ICP Package	ICP-AES	2	10000
S-ICP61	165	S %:Tri Acid Dig. ICP Package	ICP-AES	0.01	10.00
Sb-ICP61	165	Sb ppm:Tri Acid Dig. ICP Package	ICP-AES	5	10000
Sr-ICP61	165	Sr ppm:Tri Acid Dig. ICP Package	ICP-AES	1	10000
Ti-ICP61	165	Ti %:Tri Acid Dig. ICP Package	ICP-AES	0.01	10.00
V-ICP61	165	V ppm: Tri Acid Dig. ICP Package	ICP-AES	1	10000
W-ICP61	165	W ppm: Tri Acid Dig. ICP Package	ICP-AES	10	10000
Zn-ICP61	165	Zn ppm:Tri Acid Dig. ICP Package	ICP-AES	2	10000

*Redline/ goalnet(e)
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 Bua*



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 Comments: ATTN: TERRY TUCKER

Page Number :1-A
 Total Pages :5
 Certificate Date: 17-AUG-2001
 Invoice No. :I0121810
 P.O. Number :
 Account :MPO

CERTIFICATE OF ANALYSIS A0121810

SAMPLE	PREP CODE	Weight Kg	Au ppb	Ag ppm	Al % (ICP)	As ppm (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)
419776	94069407	0.24	< 5	< 0.5	5.59	< 5	580	2.5	< 2	1.25	< 0.5	5	57	22	3.37	1.12	0.82	620	1	1.87
419777	94069407	0.28	< 5	< 0.5	6.87	< 5	310	2.0	< 2	0.78	< 0.5	10	52	34	4.10	0.75	1.17	465	1	3.12
419778	94069407	0.24	< 5	< 0.5	4.86	< 5	400	2.5	< 2	0.86	< 0.5	3	30	16	2.96	0.83	0.62	610	1	1.42
419779	94069407	0.26	< 5	< 0.5	5.84	< 5	720	2.5	< 2	0.80	< 0.5	9	72	16	3.70	1.86	0.79	1210	2	1.09
419780	94069407	0.22	< 5	< 0.5	3.68	< 5	480	1.5	< 2	0.71	< 0.5	6	51	5	1.91	1.15	0.43	685	3	0.73
419781	94069407	0.24	< 5	< 0.5	5.96	< 5	820	2.5	< 2	0.93	< 0.5	7	99	12	3.13	1.83	0.88	590	1	1.48
419782	94069407	0.26	< 5	< 0.5	6.50	< 5	500	2.5	2	1.75	< 0.5	9	52	20	4.51	0.76	1.26	635	< 1	2.44
419783	94069407	0.24	< 5	< 0.5	6.15	< 5	870	2.0	< 2	1.15	< 0.5	7	56	17	3.53	1.68	1.06	510	2	1.90
419784	94069407	0.30	< 5	< 0.5	6.53	< 5	550	2.5	< 2	1.35	< 0.5	11	60	17	4.99	1.21	1.34	795	2	1.69
419785	94069407	0.26	< 5	< 0.5	5.88	< 5	770	1.5	< 2	0.95	< 0.5	7	31	16	2.55	1.27	0.66	670	2	1.64
419786	94069407	0.34	< 5	< 0.5	8.54	< 5	1480	3.5	< 2	0.80	< 0.5	16	80	25	6.30	1.62	1.62	755	8	1.67
419787	94069407	0.24	< 5	< 0.5	6.21	< 5	930	3.0	< 2	0.49	< 0.5	57	61	31	5.62	1.08	1.06	3070	5	0.55
419788	94069407	0.26	< 5	< 0.5	7.38	< 5	1200	3.5	< 2	1.25	< 0.5	11	63	9	4.25	1.90	1.49	670	< 1	2.15
419789	94069407	0.28	< 5	< 0.5	6.34	< 5	880	2.5	< 2	1.15	< 0.5	7	144	8	3.27	2.12	1.37	475	1	1.49
419790	94069407	0.22	< 5	< 0.5	4.45	< 5	750	1.5	< 2	0.58	< 0.5	7	45	7	1.65	1.17	0.38	930	2	1.17
419791	94069407	0.30	< 5	< 0.5	6.18	< 5	600	2.5	< 2	1.65	< 0.5	8	85	8	4.19	1.23	1.31	855	< 1	2.34
419792	94069407	0.26	< 5	< 0.5	6.28	< 5	740	2.0	< 2	1.20	< 0.5	5	41	5	2.96	1.22	0.87	450	< 1	2.49
419793	94069407	0.24	< 5	< 0.5	6.08	< 5	900	2.5	< 2	0.93	< 0.5	9	74	7	3.74	1.90	1.26	495	< 1	1.49
419794	94069407	0.18	< 5	< 0.5	6.31	< 5	930	2.0	< 2	0.82	< 0.5	6	58	7	3.90	1.77	1.07	460	< 1	1.75
419795	94069407	0.28	< 5	< 0.5	6.50	< 5	680	2.0	< 2	0.89	< 0.5	2	45	4	2.66	1.26	0.58	355	< 1	2.68
419796	94069407	0.28	< 5	< 0.5	6.40	< 5	800	2.5	< 2	1.00	< 0.5	6	93	5	3.14	2.12	0.87	425	1	1.60
419797	94069407	0.18	< 5	< 0.5	6.87	< 5	980	2.5	< 2	1.20	< 0.5	12	75	16	4.63	2.07	1.50	835	1	1.54
419798	94069407	0.28	< 5	< 0.5	6.44	< 5	700	2.0	< 2	1.05	< 0.5	10	55	19	3.82	1.50	1.30	590	< 1	1.78
419799	94069407	0.22	< 5	< 0.5	6.40	5	800	2.0	< 2	0.87	< 0.5	5	73	8	3.26	1.91	0.77	585	< 1	1.27
419800	94069407	0.24	< 5	< 0.5	7.08	< 5	910	2.5	8	1.30	< 0.5	8	66	10	3.99	1.80	1.34	670	< 1	1.78
419801	94069407	0.36	< 5	< 0.5	6.70	< 5	740	3.0	4	2.0	< 0.5	11	84	19	4.88	1.80	1.48	715	< 1	1.50
419802	94069407	0.40	< 5	< 0.5	6.56	< 5	680	4.0	< 2	1.90	< 0.5	11	89	25	4.27	1.69	1.36	735	< 1	1.52
419803	94069407	0.32	< 5	< 0.5	6.89	< 5	710	4.5	6	2.4	< 0.5	13	98	21	4.68	1.61	1.64	850	< 1	1.62
419804	94069407	0.38	< 5	< 0.5	6.71	< 5	590	5.0	< 2	2.4	< 0.5	13	98	17	4.42	1.36	1.60	740	< 1	1.76
419805	94069407	0.34	< 5	< 0.5	6.88	< 5	800	3.0	< 2	1.75	< 0.5	10	79	16	4.21	1.65	1.25	600	< 1	1.85
419806	94069407	0.28	< 5	< 0.5	6.37	5	650	2.5	< 2	2.1	< 0.5	14	118	36	3.61	2.14	1.42	685	< 1	1.20
419807	94069407	0.26	< 5	< 0.5	6.90	< 5	620	3.0	< 2	1.75	< 0.5	18	138	49	5.18	2.75	1.71	915	1	0.97
419808	94069407	0.24	< 5	< 0.5	5.92	< 5	700	2.0	< 2	1.85	< 0.5	9	109	21	2.52	1.87	1.15	480	< 1	1.69
419809	94069407	0.34	< 5	< 0.5	6.28	< 5	660	2.5	< 2	1.30	< 0.5	13	145	13	4.05	2.60	1.53	735	1	1.17
419810	94069407	0.32	< 5	< 0.5	6.03	5	600	2.5	< 2	1.60	0.5	14	137	34	3.99	2.08	1.45	690	3	1.00
419811	94069407	0.22	< 5	< 0.5	5.88	< 5	610	2.5	< 2	1.70	0.5	9	85	30	3.24	1.93	1.13	595	1	1.04
419812	94069407	0.38	< 5	< 0.5	6.23	< 5	730	2.5	< 2	1.45	< 0.5	10	121	11	3.30	2.55	1.28	515	< 1	1.43
419813	94069407	0.28	< 5	< 0.5	5.30	< 5	660	2.0	< 2	2.0	< 0.5	9	71	39	3.07	1.85	1.05	560	1	0.99
419814	94069407	0.28	< 5	< 0.5	6.76	< 5	840	2.5	2	0.93	< 0.5	11	98	7	3.78	2.33	1.26	455	< 1	1.38
419815	94069407	0.32	5	< 0.5	6.74	< 5	820	3.0	< 2	0.79	< 0.5	8	108	7	2.89	1.84	1.18	415	< 1	1.46

CERTIFICATION: _____



ALS Chemex

Aurora Laboratory Services 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: EXPATRIATE RESOURCES LTD.

701 - 475 HOWE ST.
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 Account : MPO

CERTIFICATE OF ANALYSIS A0121810

SAMPLE	PREP CODE	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	S % (ICP)	Sb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
419776	94069407	15	2350	16	0.11	< 5	109	0.63	93	< 10	58
419777	94069407	14	1190	8	0.05	< 5	69	0.42	80	< 10	68
419778	94069407	7	1340	10	0.04	< 5	78	0.40	72	< 10	48
419779	94069407	27	2530	24	0.10	< 5	117	0.47	106	< 10	70
419780	94069407	13	2130	14	0.09	< 5	77	0.30	69	< 10	36
419781	94069407	42	1720	24	0.06	< 5	122	0.44	92	< 10	54
419782	94069407	18	1490	16	0.06	< 5	119	0.63	112	< 10	58
419783	94069407	18	850	14	0.02	< 5	118	0.51	95	< 10	64
419784	94069407	17	2290	22	0.07	< 5	106	0.76	137	< 10	72
419785	94069407	10	2290	12	0.13	< 5	235	0.27	62	< 10	46
419786	94069407	25	1790	20	0.08	< 5	97	0.56	163	< 10	86
419787	94069407	22	2860	14	0.20	< 5	115	0.34	135	< 10	68
419788	94069407	21	870	14	0.01	< 5	135	0.63	108	< 10	74
419789	94069407	50	970	22	0.04	< 5	129	0.53	99	< 10	62
419790	94069407	10	3320	18	0.14	< 5	111	0.25	60	10	28
419791	94069407	25	820	96	0.06	< 5	123	0.75	106	< 10	80
419792	94069407	10	560	8	0.03	< 5	106	0.54	83	< 10	48
419793	94069407	23	580	18	0.01	< 5	117	0.51	99	< 10	62
419794	94069407	17	570	14	0.03	< 5	103	0.57	105	< 10	54
419795	94069407	11	220	14	< 0.01	< 5	91	0.62	89	< 10	34
419796	94069407	26	770	22	0.02	< 5	124	0.52	98	< 10	58
419797	94069407	23	950	12	0.02	< 5	129	0.65	134	< 10	82
419798	94069407	19	710	12	0.01	< 5	102	0.50	94	< 10	70
419799	94069407	16	620	18	0.04	< 5	130	0.51	113	< 10	58
419800	94069407	20	780	18	0.01	< 5	142	0.57	112	< 10	62
419801	94069407	25	1280	16	0.01	< 5	155	0.85	172	< 10	96
419802	94069407	31	1320	22	0.03	< 5	148	0.69	140	< 10	96
419803	94069407	31	1100	16	0.01	< 5	151	0.77	173	< 10	86
419804	94069407	29	1070	18	0.02	< 5	157	0.65	169	< 10	80
419805	94069407	25	970	18	0.02	< 5	172	0.66	158	< 10	80
419806	94069407	77	830	24	0.05	< 5	207	0.42	89	< 10	104
419807	94069407	77	810	28	0.05	< 5	156	0.66	144	< 10	104
419808	94069407	64	620	16	0.04	< 5	270	0.38	69	< 10	68
419809	94069407	58	680	30	0.01	< 5	144	0.61	111	< 10	86
419810	94069407	102	1610	26	0.09	< 5	144	0.43	89	< 10	132
419811	94069407	78	1350	28	0.08	< 5	139	0.36	74	< 10	138
419812	94069407	49	500	32	0.03	< 5	157	0.50	83	< 10	72
419813	94069407	40	950	16	0.07	< 5	160	0.41	81	< 10	74
419814	94069407	45	500	28	< 0.01	< 5	130	0.51	101	< 10	78
419815	94069407	39	290	30	< 0.01	< 5	101	0.45	71	< 10	60

CERTIFICATION: _____



ALS Chemex

Aurora Laboratory Services 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: EXPATRIATE RESOURCES LTD.

701 - 475 HOWE ST.
 VANCOUVER, BC
 V6C 2B3

Project: GOAL NET/RED LINE
 Comments: ATTN: TERRY TUCKER

Page Number :2-A
 Total Pages :5
 Certificate Date: 17-AUG-2001
 Invoice No. : I0121810
 P.O. Number :
 Account : MPO

CERTIFICATE OF ANALYSIS A0121810

SAMPLE	PREP CODE	Weight	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %
		Kg	FA+AA	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)
419816	94069407	0.32	< 5	< 0.5	5.55	< 5	580	2.0	< 2	2.4	< 0.5	7	65	23	2.11	1.84	0.85	365	1	1.29
419817	94069407	0.28	< 5	< 0.5	5.84	< 5	630	0.5	< 2	2.0	< 0.5	4	8	22	1.36	1.60	0.44	315	1	2.12
419818	94069407	0.42	< 5	< 0.5	7.04	< 5	670	1.5	< 2	1.65	< 0.5	10	41	35	2.96	2.16	0.91	475	2	1.88
419819	94069407	0.28	< 5	< 0.5	7.10	< 5	770	3.0	4	1.00	< 0.5	14	97	25	4.17	3.12	1.70	570	1	1.25
419820	94069407	0.30	< 5	< 0.5	6.37	20	530	2.5	< 2	2.4	0.5	16	95	180	4.63	1.94	1.74	725	2	0.83
419821	94069407	0.34	< 5	< 0.5	6.42	< 5	490	2.0	< 2	2.8	< 0.5	23	50	26	6.20	1.88	2.04	960	< 1	1.02
419822	94069407	0.24	< 5	< 0.5	6.35	5	670	3.0	< 2	1.45	1.0	9	46	67	3.23	2.11	0.97	615	2	0.79
419823	94069407	0.24	< 5	< 0.5	5.96	< 5	640	1.5	< 2	1.60	0.5	7	37	39	2.15	1.88	0.72	495	1	1.36
419824	94069407	0.34	< 5	< 0.5	7.92	< 5	590	2.0	< 2	1.40	< 0.5	26	233	16	5.88	1.00	3.90	905	< 1	1.45
419825	94069407	0.34	10	< 0.5	7.28	< 5	850	3.0	8	0.97	< 0.5	14	93	18	4.09	3.13	1.53	595	< 1	1.36
419826	94069407	0.30	< 5	< 0.5	5.05	< 5	480	1.5	2	1.90	< 0.5	13	50	22	3.66	1.62	1.38	830	1	1.00
419827	94069407	0.22	< 5	< 0.5	6.94	< 5	580	2.0	< 2	2.1	< 0.5	8	36	47	2.50	1.83	0.97	325	1	1.62
419828	94069407	0.26	< 5	< 0.5	4.09	< 5	420	1.5	< 2	2.7	0.5	9	39	72	3.13	1.20	1.17	520	2	0.56
419829	94069407	0.38	30	< 0.5	7.44	< 5	830	2.5	< 2	1.10	< 0.5	14	94	16	3.99	3.15	1.68	530	< 1	1.47
419830	94069407	0.22	< 5	< 0.5	5.89	< 5	650	2.5	< 2	1.05	< 0.5	9	89	10	2.46	1.97	0.89	375	< 1	1.64
419831	94069407	0.34	< 5	< 0.5	4.75	< 5	510	1.5	< 2	2.5	< 0.5	10	64	22	2.91	1.91	1.22	440	< 1	0.90
419832	94069407	0.24	< 5	< 0.5	6.66	< 5	850	2.5	< 2	0.78	< 0.5	10	84	11	3.48	2.57	1.28	435	< 1	1.47
419833	94069407	0.34	< 5	< 0.5	4.97	< 5	600	1.5	2	1.70	0.5	11	94	18	2.88	1.50	1.04	890	1	1.14
419834	94069407	0.34	< 5	< 0.5	5.68	< 5	660	2.5	< 2	1.35	< 0.5	10	91	9	2.23	1.76	0.93	430	< 1	1.68
419835	94069407	0.34	< 5	< 0.5	6.58	< 5	750	2.5	8	1.60	< 0.5	16	98	26	3.83	2.34	1.46	605	1	1.37
419836	94069407	0.26	< 5	< 0.5	5.07	< 5	620	2.0	< 2	1.45	< 0.5	7	70	12	2.01	1.51	0.70	390	1	1.51
419837	94069407	0.28	< 5	< 0.5	7.14	< 5	740	0.5	< 2	1.75	< 0.5	5	8	20	1.50	2.01	0.47	365	1	2.46
419838	94069407	0.68	< 5	< 0.5	7.44	< 5	650	1.5	< 2	0.45	3.0	3	8	14	3.20	3.50	1.22	410	3	1.91
419839	94069407	0.28	< 5	< 0.5	6.47	5	660	2.0	< 2	1.65	7.0	8	48	108	2.60	1.82	0.79	545	2	1.71
419840	94069407	0.40	< 5	< 0.5	6.08	< 5	660	1.0	< 2	1.90	2.5	6	17	35	1.75	1.79	0.59	530	2	1.89
419841	94069407	0.44	< 5	< 0.5	6.33	5	750	2.0	8	0.93	< 0.5	9	138	9	2.64	2.20	0.93	375	1	1.72
419842	94069407	0.40	< 5	< 0.5	6.95	< 5	700	3.0	6	0.83	< 0.5	11	121	14	3.80	2.15	1.12	435	< 1	1.51
419843	94069407	0.30	< 5	< 0.5	6.88	< 5	720	3.0	8	1.30	< 0.5	12	100	16	3.04	2.28	1.20	560	1	1.70
419844	94069407	0.40	< 5	< 0.5	6.89	< 5	770	2.5	< 2	1.40	< 0.5	13	113	11	2.94	2.24	1.13	695	1	1.70
419845	94069407	0.44	< 5	< 0.5	8.05	< 5	1160	2.5	< 2	1.45	0.5	13	15	16	4.32	2.10	3.42	820	3	1.16
419846	94069407	0.58	< 5	< 0.5	7.34	< 5	720	2.5	< 2	0.60	< 0.5	5	12	8	1.78	1.24	0.80	340	1	3.50
419847	94069407	0.34	< 5	< 0.5	5.60	< 5	580	1.5	< 2	1.95	0.5	8	43	26	2.52	1.56	0.87	530	3	1.09
419848	94069407	0.30	< 5	< 0.5	6.07	< 5	620	2.0	< 2	1.75	0.5	10	56	27	2.79	1.73	0.89	1135	5	1.09
419849	94069407	0.28	< 5	< 0.5	6.72	< 5	790	2.5	< 2	0.95	< 0.5	9	82	9	2.91	2.11	1.02	385	1	1.76
419850	94069407	0.42	< 5	< 0.5	6.72	< 5	790	2.5	6	1.15	< 0.5	11	84	11	3.12	2.30	1.22	520	1	1.67
419851	94069407	0.46	< 5	< 0.5	7.62	< 5	900	3.0	< 2	1.10	< 0.5	15	110	15	3.96	2.61	1.55	620	< 1	1.59
419852	94069407	0.32	< 5	< 0.5	6.14	< 5	750	2.0	< 2	1.05	< 0.5	7	105	6	2.51	1.99	0.82	330	1	1.57
419853	94069407	0.42	< 5	< 0.5	7.34	< 5	1780	2.0	< 2	1.50	< 0.5	14	79	10	4.65	2.20	2.28	795	3	1.03
419854	94069407	0.42	< 5	< 0.5	7.24	< 5	2120	2.0	< 2	2.0	1.0	15	86	33	4.74	2.03	2.66	1160	5	1.04
419855	94069407	0.28	5	< 0.5	7.30	< 5	1670	2.0	< 2	1.25	0.5	12	67	25	3.76	2.80	1.11	795	4	1.10

CERTIFICATION: _____



ALS Chemex

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 British Columbia, Canada V7J 2C1
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To: EXPATRIATE RESOURCES LTD.

701 - 475 HOWE ST.
 VANCOUVER, BC
 V6C 2B3

Project: GOAL NET/RED LINE
 Comments: ATTN: TERRY TUCKER

Page Number :2-B
 Total Pages :5
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 P.O. Number :
 Account : MPO

CERTIFICATE OF ANALYSIS

A0121810

SAMPLE	PREP CODE	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	S % (ICP)	Sb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
419816	94069407	36	660	18	0.09	< 5	201	0.26	51	< 10	68
419817	94069407	10	400	8	0.07	< 5	419	0.15	26	< 10	46
419818	94069407	31	580	18	0.04	< 5	344	0.30	60	< 10	94
419819	94069407	46	740	26	0.03	< 5	106	0.54	103	< 10	116
419820	94069407	91	1270	40	0.19	< 5	126	0.40	108	< 10	176
419821	94069407	19	780	18	0.03	< 5	198	1.20	225	< 10	100
419822	94069407	67	1370	18	0.10	< 5	185	0.23	72	< 10	132
419823	94069407	31	750	12	0.05	< 5	268	0.24	53	< 10	70
419824	94069407	60	280	86	0.01	< 5	442	0.70	217	< 10	88
419825	94069407	38	520	18	0.01	< 5	100	0.57	109	< 10	84
419826	94069407	22	1520	8	0.10	< 5	100	0.50	93	< 10	72
419827	94069407	30	900	16	0.13	< 5	365	0.26	65	< 10	104
419828	94069407	44	1620	12	0.18	< 5	175	0.34	73	< 10	100
419829	94069407	32	360	42	0.01	< 5	105	0.60	109	< 10	130
419830	94069407	32	160	24	< 0.01	< 5	131	0.34	68	< 10	84
419831	94069407	28	1000	12	0.12	< 5	113	0.39	72	< 10	80
419832	94069407	25	310	32	0.01	< 5	93	0.49	92	< 10	88
419833	94069407	41	540	24	0.05	< 5	156	0.40	80	< 10	92
419834	94069407	45	850	24	< 0.01	< 5	141	0.35	67	< 10	56
419835	94069407	47	990	24	0.05	< 5	117	0.54	107	< 10	124
419836	94069407	21	410	16	0.03	< 5	142	0.33	62	< 10	50
419837	94069407	6	310	8	0.02	< 5	512	0.18	32	< 10	54
419838	94069407	8	290	16	0.03	< 5	60	0.32	28	< 10	740
419839	94069407	37	720	16	0.05	< 5	297	0.26	54	< 10	650
419840	94069407	15	490	50	0.06	< 5	376	0.18	34	< 10	200
419841	94069407	40	330	16	0.01	< 5	162	0.49	92	< 10	66
419842	94069407	51	320	18	0.01	< 5	127	0.47	91	< 10	88
419843	94069407	48	620	16	0.02	< 5	143	0.44	78	< 10	96
419844	94069407	41	690	18	0.02	< 5	170	0.44	83	< 10	72
419845	94069407	37	1130	2	0.05	< 5	102	0.27	48	< 10	180
419846	94069407	10	220	< 2	0.01	< 5	99	0.14	32	< 10	24
419847	94069407	40	770	10	0.10	< 5	214	0.23	57	< 10	142
419848	94069407	40	1220	12	0.11	< 5	173	0.26	66	< 10	112
419849	94069407	30	480	16	0.01	< 5	158	0.42	82	< 10	56
419850	94069407	39	910	16	0.01	< 5	151	0.47	85	< 10	72
419851	94069407	56	930	16	< 0.01	< 5	121	0.61	107	< 10	74
419852	94069407	25	360	12	0.01	< 5	187	0.48	92	< 10	46
419853	94069407	34	940	12	0.01	< 5	136	0.36	131	< 10	244
419854	94069407	43	1230	16	0.03	< 5	171	0.38	152	< 10	452
419855	94069407	31	960	22	0.03	< 5	125	0.37	139	< 10	248

CERTIFICATION: _____



ALS Chemex

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CERTIFICATE OF ANALYSIS

A0121810

SAMPLE	PREP CODE	Weight Kg	Au ppb FA+AA	Ag ppm (ICP)	Al % (ICP)	As ppm (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)
419856	94069407	0.28	< 5	< 0.5	6.05	< 5	1130	1.5	< 2	1.60	0.5	8	58	21	2.84	1.71	1.21	590	2	1.54
419857	94069407	0.44	< 5	< 0.5	6.66	< 5	1690	2.0	< 2	0.92	< 0.5	8	75	13	2.72	1.87	1.12	440	4	1.33
419858	94069407	0.40	< 5	< 0.5	7.21	< 5	1690	2.5	< 2	0.99	0.5	13	86	22	3.70	2.97	1.55	690	4	1.15
419859	94069407	0.32	< 5	< 0.5	5.45	< 5	1040	2.5	< 2	1.75	1.5	9	59	68	2.92	2.09	1.03	460	10	0.94
419860	94069407	0.32	< 5	< 0.5	6.13	< 5	1150	2.5	< 2	1.75	1.5	14	75	70	3.33	2.04	1.34	620	12	0.98
419861	94069407	0.34	< 5	< 0.5	6.66	5	1380	2.0	< 2	0.69	0.5	6	85	14	3.61	2.44	1.00	310	10	1.27
419862	94069407	0.38	< 5	< 0.5	5.93	5	1260	2.0	< 2	0.58	0.5	6	79	14	3.06	1.97	0.84	300	5	1.09
419863	94069407	0.26	< 5	< 0.5	5.96	< 5	1530	2.0	< 2	0.75	< 0.5	4	89	9	2.54	2.11	0.96	235	12	1.11
419864	94069407	0.24	< 5	< 0.5	5.85	< 5	1400	1.5	< 2	0.72	< 0.5	3	67	10	1.77	2.07	0.64	210	10	1.29
419865	94069407	0.24	< 5	< 0.5	6.09	< 5	1740	2.0	< 2	0.58	1.0	5	89	12	2.23	2.14	1.00	210	7	1.04
419866	94069407	0.40	< 5	< 0.5	4.90	< 5	1430	1.5	< 2	0.60	< 0.5	2	62	6	1.38	1.87	0.67	175	3	1.00
419867	94069407	0.40	< 5	< 0.5	6.55	10	1850	2.0	< 2	0.71	< 0.5	5	89	16	2.56	2.19	1.32	185	8	1.05
419868	94069407	0.40	< 5	< 0.5	6.37	< 5	1280	1.5	< 2	1.00	< 0.5	4	53	13	2.11	1.84	0.82	215	4	1.72
419869	94069407	0.32	< 5	< 0.5	7.10	15	2520	2.5	< 2	0.59	< 0.5	5	101	19	3.01	2.56	1.40	170	9	0.89
419870	94069407	0.28	< 5	< 0.5	6.35	5	2320	2.0	< 2	0.76	< 0.5	6	96	25	2.65	2.49	1.60	180	8	0.86
419871	94069407	0.34	< 5	< 0.5	6.66	5	2880	2.0	< 2	0.95	1.5	8	113	54	2.51	3.03	1.51	195	9	0.53
419872	94069407	0.28	< 5	< 0.5	6.78	15	2920	2.0	< 2	1.10	2.0	8	120	75	2.87	3.11	1.49	185	12	0.50
419873	94069407	0.26	< 5	< 0.5	6.36	5	1840	2.0	< 2	1.00	1.5	5	112	54	2.39	2.08	1.50	175	3	0.64
419874	94069407	0.36	< 5	< 0.5	5.75	15	1500	2.0	< 2	1.70	1.5	8	94	89	2.75	1.73	1.42	230	9	0.87
419875	94069407	0.28	< 5	< 0.5	6.46	20	2650	2.0	< 2	1.20	3.0	12	124	99	2.90	2.81	1.36	200	10	0.54
419876	94069407	0.32	< 5	< 0.5	6.36	20	2740	2.0	< 2	0.93	2.5	13	127	133	3.45	2.81	1.43	240	12	0.34
419877	94069407	0.36	< 5	< 0.5	5.33	15	1530	1.5	< 2	1.50	0.5	13	75	24	2.78	1.58	1.68	720	4	0.95
419878	94069407	0.34	< 5	< 0.5	6.66	< 5	760	3.0	< 2	1.10	< 0.5	4	60	6	2.47	2.39	0.68	430	1	1.76
419879	94069407	0.20	< 5	< 0.5	6.86	< 5	720	2.5	6	0.81	< 0.5	5	61	14	2.91	2.14	0.69	320	< 1	1.34
419880	94069407	0.34	< 5	< 0.5	6.39	< 5	700	2.5	2	0.93	< 0.5	4	56	7	2.38	2.21	0.59	335	< 1	1.58
419881	94069407	0.28	< 5	< 0.5	6.52	< 5	710	3.0	< 2	0.94	< 0.5	6	60	8	2.79	2.09	0.68	500	3	1.57
419882	94069407	0.36	< 5	< 0.5	6.85	< 5	770	3.0	< 2	1.20	< 0.5	4	62	6	2.43	2.24	0.72	400	1	1.83
419883	94069407	0.36	< 5	< 0.5	7.14	5	720	3.0	< 2	1.15	< 0.5	9	61	10	3.62	1.94	0.89	575	4	1.55
419884	94069407	0.42	< 5	< 0.5	6.38	< 5	690	3.0	< 2	1.20	< 0.5	7	60	4	2.44	2.05	0.77	510	1	1.86
419885	94069407	0.26	< 5	< 0.5	6.87	< 5	740	3.5	< 2	1.10	< 0.5	5	56	6	2.59	2.09	0.76	390	2	1.84
419886	94069407	0.22	< 5	< 0.5	6.45	< 5	730	2.5	< 2	0.79	< 0.5	4	57	9	2.45	1.98	0.65	310	1	1.31
419887	94069407	0.34	< 5	< 0.5	6.96	< 5	790	3.0	< 2	1.00	< 0.5	4	51	8	2.32	2.30	0.69	330	1	1.75
419888	94069407	0.28	< 5	< 0.5	6.71	< 5	750	3.0	< 2	1.05	< 0.5	4	70	5	2.33	2.37	0.72	345	< 1	1.77
419889	94069407	0.24	< 5	< 0.5	7.21	< 5	760	3.0	< 2	1.10	< 0.5	5	53	9	2.66	2.30	0.70	340	< 1	1.86
419890	94069407	0.32	< 5	< 0.5	6.91	< 5	700	3.5	< 2	0.85	< 0.5	5	56	8	2.76	1.93	0.67	535	< 1	1.52
419891	94069407	0.18	< 5	< 0.5	6.76	< 5	760	3.5	< 2	0.98	< 0.5	6	50	7	2.51	2.11	0.71	475	1	1.75
419892	94069407	0.58	< 5	< 0.5	6.46	< 5	620	2.5	< 2	1.35	< 0.5	5	35	7	2.92	1.50	0.91	470	< 1	2.44
419893	94069407	0.32	< 5	< 0.5	7.59	< 5	780	3.5	< 2	1.05	< 0.5	6	59	8	3.12	2.13	0.90	350	< 1	1.63
419894	94069407	0.42	< 5	< 0.5	7.61	< 5	760	4.0	2	1.55	< 0.5	5	40	6	2.62	2.22	0.83	445	< 1	2.44
419895	94069407	0.32	5	< 0.5	7.32	< 5	680	3.5	< 2	1.20	< 0.5	5	42	8	2.80	1.99	0.70	395	< 1	2.13

CERTIFICATION: _____



ALS Chemex

Aurora Laboratory Services 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: EXPATRIATE RESOURCES LTD.

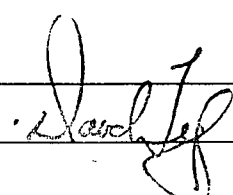
701 - 475 HOWE ST.
 VANCOUVER, BC
 V6C 2B3

Project : GOAL NET/RED LINE
 Comments: ATTN: TERRY TUCKER

Page Number :3-B
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 Certificate Date: 17-AUG-2001
 Invoice No. :10121810
 P.O. Number :
 Account :MPO

CERTIFICATE OF ANALYSIS A0121810

SAMPLE	PREP CODE	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	S % (ICP)	Sb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
419856	94069407	24	540	16	0.04	< 5	206	0.30	79	< 10	220
419857	94069407	29	1110	20	0.01	< 5	104	0.34	171	< 10	140
419858	94069407	45	1330	24	0.01	< 5	92	0.40	161	< 10	166
419859	94069407	70	1150	24	0.08	< 5	119	0.33	111	< 10	288
419860	94069407	108	1180	24	0.05	< 5	128	0.38	134	< 10	390
419861	94069407	30	620	22	0.01	< 5	116	0.45	193	< 10	186
419862	94069407	24	570	20	0.01	< 5	97	0.40	190	< 10	148
419863	94069407	27	630	26	0.01	< 5	106	0.39	292	< 10	92
419864	94069407	19	780	18	0.01	< 5	154	0.32	364	< 10	164
419865	94069407	29	690	26	0.01	< 5	104	0.36	336	< 10	318
419866	94069407	14	540	16	< 0.01	< 5	121	0.31	247	< 10	92
419867	94069407	32	1110	26	0.01	< 5	130	0.33	370	< 10	248
419868	94069407	12	350	18	0.01	< 5	266	0.29	156	< 10	114
419869	94069407	32	1040	28	0.01	< 5	96	0.36	325	< 10	304
419870	94069407	27	1810	24	< 0.01	< 5	89	0.31	279	< 10	208
419871	94069407	48	3450	30	< 0.01	< 5	113	0.31	542	< 10	420
419872	94069407	72	4110	36	< 0.01	< 5	128	0.31	653	< 10	606
419873	94069407	35	2440	34	0.09	< 5	117	0.28	343	< 10	332
419874	94069407	61	1510	20	0.18	< 5	116	0.31	178	< 10	238
419875	94069407	99	3890	34	0.03	< 5	142	0.29	638	< 10	660
419876	94069407	92	3600	34	0.03	< 5	124	0.28	597	< 10	676
419877	94069407	44	1770	20	0.05	< 5	129	0.28	191	< 10	232
419878	94069407	16	530	30	0.01	< 5	168	0.45	85	< 10	58
419879	94069407	17	930	30	0.03	< 5	150	0.41	97	< 10	68
419880	94069407	15	480	30	< 0.01	< 5	180	0.40	75	< 10	54
419881	94069407	16	980	32	0.03	< 5	147	0.39	83	< 10	70
419882	94069407	15	890	24	0.04	< 5	190	0.44	80	< 10	60
419883	94069407	19	1140	38	0.03	< 5	158	0.45	102	< 10	82
419884	94069407	18	780	28	0.01	< 5	155	0.41	71	< 10	60
419885	94069407	17	560	26	0.01	< 5	144	0.40	83	< 10	64
419886	94069407	16	590	24	0.01	< 5	141	0.38	86	< 10	62
419887	94069407	15	530	26	0.01	< 5	186	0.41	78	< 10	56
419888	94069407	21	410	30	0.01	< 5	166	0.44	78	< 10	54
419889	94069407	15	330	32	< 0.01	< 5	191	0.41	84	< 10	60
419890	94069407	14	1750	24	0.07	< 5	138	0.37	79	< 10	66
419891	94069407	14	840	26	0.03	< 5	160	0.38	83	< 10	66
419892	94069407	8	580	14	0.01	< 5	138	0.52	85	< 10	48
419893	94069407	18	1030	34	0.02	< 5	167	0.42	95	< 10	82
419894	94069407	11	860	22	0.01	< 5	222	0.50	77	< 10	58
419895	94069407	13	930	26	0.01	< 5	168	0.47	82	< 10	62

CERTIFICATION: 



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701 - 475 HOWE ST.
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 V6C 2B3

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CERTIFICATE OF ANALYSIS A0121810

SAMPLE	PREP CODE	Weight Kg	Au ppb FA+AA	Ag ppm (ICP)	Al % (ICP)	As ppm (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)
419896	94069407	0.34	< 5	< 0.5	7.57	< 5	710	3.5	< 2	1.30	< 0.5	7	45	7	2.28	2.19	0.74	400	1	2.27
419897	94069407	0.36	< 5	< 0.5	7.08	< 5	710	3.5	2	1.30	< 0.5	8	78	13	2.61	2.10	0.77	575	< 1	2.08
419898	94069407	0.26	< 5	< 0.5	7.87	< 5	800	3.0	< 2	1.15	< 0.5	8	57	9	2.86	2.05	0.81	410	1	1.94
419899	94069407	0.22	< 5	< 0.5	7.92	10	910	5.5	2	1.20	< 0.5	12	49	25	3.22	1.76	0.84	990	1	1.58
419900	94069407	0.18	< 5	< 0.5	7.67	5	800	3.5	< 2	1.30	< 0.5	8	55	8	2.63	2.14	0.87	480	< 1	2.10
419901	94069407	0.36	< 5	< 0.5	7.83	< 5	770	3.5	6	1.25	< 0.5	6	70	15	2.16	2.53	0.68	415	1	2.15
419902	94069407	0.30	< 5	< 0.5	7.25	5	730	3.0	< 2	1.25	< 0.5	9	53	12	2.89	1.98	0.79	605	1	1.69
419903	94069407	0.38	< 5	< 0.5	7.99	5	770	3.5	2	1.25	< 0.5	11	52	27	4.02	1.76	0.95	655	3	1.52
419904	94069407	0.30	< 5	< 0.5	6.77	< 5	740	2.5	< 2	1.20	< 0.5	5	29	5	1.97	1.67	0.50	400	< 1	2.64
419905	94069407	0.28	< 5	< 0.5	7.06	< 5	770	2.5	4	1.20	< 0.5	6	30	11	1.70	2.07	0.48	355	1	2.22
419906	94069407	0.34	< 5	< 0.5	7.11	< 5	730	3.0	4	1.05	< 0.5	5	31	5	1.70	2.23	0.51	310	1	2.13
419907	94069407	0.18	< 5	< 0.5	7.61	< 5	800	3.0	2	1.15	< 0.5	7	44	7	2.37	2.31	0.83	365	< 1	2.07
419908	94069407	0.30	< 5	< 0.5	7.55	< 5	780	3.0	< 2	1.10	< 0.5	6	37	12	2.06	2.25	0.59	330	< 1	1.89
419909	94069407	0.30	< 5	< 0.5	7.71	< 5	750	4.0	6	1.15	< 0.5	8	39	10	2.86	2.07	0.76	520	1	2.17
419910	94069407	0.24	< 5	< 0.5	7.24	< 5	770	2.5	< 2	1.25	< 0.5	6	31	10	2.00	2.04	0.60	350	< 1	2.31
419911	94069407	0.36	< 5	< 0.5	7.20	< 5	830	3.0	2	1.20	< 0.5	9	55	12	2.50	1.94	0.75	430	< 1	2.08
419912	94069407	0.28	< 5	< 0.5	7.56	< 5	760	2.5	< 2	1.30	< 0.5	7	40	18	2.15	2.11	0.70	345	1	2.00
419913	94069407	0.24	< 5	< 0.5	7.50	< 5	780	2.5	< 2	1.10	< 0.5	7	45	15	2.38	2.06	0.70	390	< 1	1.86
419914	94069407	0.30	< 5	< 0.5	6.91	< 5	720	2.5	< 2	1.20	< 0.5	6	48	8	1.90	2.16	0.61	380	1	2.02
419915	94069407	0.34	< 5	< 0.5	7.73	5	780	3.0	< 2	1.15	< 0.5	9	86	11	2.90	2.21	0.94	435	< 1	1.68
419916	94069407	0.40	< 5	< 0.5	6.78	< 5	730	3.0	< 2	1.00	< 0.5	5	60	5	1.79	2.34	0.62	315	< 1	1.81
419917	94069407	0.42	< 5	< 0.5	7.67	< 5	830	3.5	6	1.25	< 0.5	8	47	7	2.43	2.12	0.75	435	< 1	2.31
419918	94069407	0.34	< 5	< 0.5	7.04	< 5	750	3.0	6	1.00	< 0.5	3	54	6	0.97	2.17	0.32	250	< 1	2.02
419919	94069407	0.30	< 5	< 0.5	8.21	15	700	4.0	2	0.76	< 0.5	11	71	22	4.56	1.65	0.91	510	3	1.04
419920	94069407	0.34	< 5	< 0.5	6.99	< 5	660	3.0	< 2	1.55	< 0.5	5	57	8	1.58	2.19	0.54	310	1	1.97
419921	94069407	0.22	< 5	< 0.5	7.74	< 5	810	3.0	< 2	1.15	< 0.5	9	59	15	2.85	2.12	0.86	420	1	1.64
419922	94069407	0.34	< 5	< 0.5	6.88	< 5	710	3.0	< 2	1.20	< 0.5	7	75	5	2.15	2.32	0.79	375	< 1	1.86
419923	94069407	0.34	< 5	< 0.5	7.38	5	710	3.0	2	1.20	< 0.5	11	57	12	3.27	1.93	0.93	630	1	1.76
419924	94069407	0.38	< 5	< 0.5	7.09	< 5	590	2.5	< 2	1.30	< 0.5	11	69	11	3.27	1.84	1.10	490	< 1	1.71
419925	94069407	0.34	< 5	< 0.5	7.08	< 5	770	2.5	< 2	1.25	< 0.5	8	50	6	2.73	1.84	0.80	460	< 1	2.19
419926	94069407	0.50	< 5	< 0.5	7.81	< 5	700	4.0	< 2	1.25	< 0.5	7	34	9	2.58	2.38	0.78	380	< 1	2.03
419927	94069407	0.46	< 5	< 0.5	7.81	< 5	700	3.5	8	1.10	< 0.5	9	60	13	3.06	2.22	0.85	455	< 1	1.93
419928	94069407	0.48	< 5	< 0.5	7.22	< 5	710	3.0	< 2	1.25	< 0.5	8	48	6	2.64	2.01	0.85	485	1	2.28
419929	94069407	0.38	< 5	< 0.5	7.43	< 5	710	3.5	< 2	1.25	< 0.5	9	55	8	2.55	2.07	0.81	405	< 1	1.97
419930	94069407	0.40	< 5	< 0.5	6.57	< 5	670	3.0	< 2	1.05	< 0.5	5	57	5	1.74	2.16	0.55	380	< 1	1.94
419931	94069407	0.36	< 5	< 0.5	7.27	< 5	610	3.5	< 2	1.30	< 0.5	7	32	9	2.16	2.05	0.62	380	< 1	2.10
419932	94069407	0.26	< 5	< 0.5	7.33	< 5	750	2.5	< 2	1.25	< 0.5	8	44	11	2.33	1.98	0.76	400	< 1	1.92
419933	94069407	0.40	< 5	< 0.5	7.24	< 5	720	3.5	< 2	1.25	< 0.5	8	65	6	1.81	2.51	0.62	465	< 1	2.19
419934	94069407	0.42	< 5	< 0.5	7.27	15	700	3.0	10	1.65	< 0.5	9	56	97	2.49	2.11	0.80	470	< 1	2.25
419935	94069407	0.36	< 5	< 0.5	6.90	< 5	760	3.0	< 2	1.20	< 0.5	9	85	11	2.59	2.37	0.92	465	< 1	1.61

CERTIFICATION: _____



ALS Chemex

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 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
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701 - 475 HOWE ST.
 VANCOUVER, BC
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CERTIFICATE OF ANALYSIS

A0121810

SAMPLE	PREP CODE	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	S % (ICP)	Sb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
419896	94069407	15	820	28	0.01	< 5	205	0.41	66	< 10	58
419897	94069407	22	680	22	0.03	< 5	214	0.67	78	< 10	62
419898	94069407	17	460	22	0.01	< 5	210	0.42	99	< 10	82
419899	94069407	27	1000	30	0.05	< 5	269	0.31	89	< 10	88
419900	94069407	17	740	22	0.01	< 5	208	0.48	91	< 10	76
419901	94069407	25	380	30	0.01	< 5	239	0.46	79	< 10	56
419902	94069407	20	1050	28	0.04	< 5	223	0.33	81	< 10	82
419903	94069407	29	1600	22	0.07	< 5	198	0.32	102	< 10	102
419904	94069407	7	220	16	0.01	< 5	144	0.63	76	< 10	32
419905	94069407	9	440	18	0.01	< 5	220	0.48	61	< 10	38
419906	94069407	8	240	22	0.01	< 5	219	0.42	60	< 10	48
419907	94069407	14	390	22	0.01	< 5	238	0.39	77	< 10	74
419908	94069407	11	500	26	0.01	< 5	260	0.37	71	< 10	62
419909	94069407	14	720	26	0.01	< 5	189	0.56	82	< 10	82
419910	94069407	9	280	16	< 0.01	< 5	291	0.36	62	< 10	52
419911	94069407	19	790	18	< 0.01	< 5	188	0.41	86	< 10	64
419912	94069407	16	490	18	0.03	< 5	303	0.29	66	< 10	68
419913	94069407	19	380	30	0.01	< 5	283	0.30	73	< 10	66
419914	94069407	15	290	24	0.01	< 5	244	0.36	63	< 10	60
419915	94069407	29	590	24	0.01	< 5	173	0.42	97	< 10	80
419916	94069407	15	160	28	< 0.01	< 5	187	0.37	62	< 10	44
419917	94069407	15	690	22	< 0.01	< 5	191	0.42	78	< 10	64
419918	94069407	6	150	32	< 0.01	< 5	204	0.50	66	< 10	32
419919	94069407	26	1510	42	0.06	< 5	127	0.34	114	< 10	104
419920	94069407	14	360	24	0.01	< 5	232	0.36	56	< 10	44
419921	94069407	20	1080	22	0.04	< 5	232	0.35	87	< 10	86
419922	94069407	20	280	22	0.01	< 5	164	0.43	71	< 10	58
419923	94069407	18	490	26	0.01	< 5	167	0.51	96	< 10	76
419924	94069407	19	610	18	0.01	< 5	128	0.54	101	< 10	64
419925	94069407	13	380	14	< 0.01	< 5	148	0.62	102	< 10	60
419926	94069407	11	430	28	0.01	< 5	209	0.44	67	< 10	68
419927	94069407	19	520	26	0.02	< 5	154	0.45	93	< 10	76
419928	94069407	15	420	20	< 0.01	< 5	153	0.49	77	< 10	60
419929	94069407	18	610	24	0.01	< 5	188	0.42	80	< 10	68
419930	94069407	15	240	28	0.01	< 5	167	0.42	62	< 10	46
419931	94069407	14	380	22	0.01	< 5	210	0.35	59	< 10	72
419932	94069407	16	300	16	0.01	< 5	245	0.33	73	< 10	78
419933	94069407	14	240	22	< 0.01	< 5	208	0.42	58	< 10	50
419934	94069407	37	330	36	0.08	< 5	192	0.41	77	< 10	98
419935	94069407	27	620	24	0.01	< 5	182	0.42	75	< 10	82

CERTIFICATION: _____



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SAMPLE	PREP CODE	Weight	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %
		Kg	FA+AA	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)
419936	94069407	0.38	< 5	< 0.5	7.97	< 5	790	3.5	4	1.25	< 0.5	10	59	14	3.00	2.27	0.81	480	1	1.99
419937	94069407	0.36	< 5	< 0.5	7.06	5	730	4.0	2	1.20	< 0.5	7	61	33	2.23	2.46	0.69	385	< 1	1.86
419938	94069407	0.38	< 5	< 0.5	6.68	< 5	730	3.0	< 2	1.10	< 0.5	8	68	14	2.01	2.36	0.62	415	1	1.80
419939	94069407	0.36	< 5	< 0.5	6.74	< 5	730	3.0	< 2	0.90	< 0.5	8	64	11	2.45	2.30	0.62	430	< 1	1.65
419940	94069407	0.62	< 5	< 0.5	7.43	< 5	690	4.5	< 2	1.25	< 0.5	10	59	16	3.33	1.77	0.86	540	< 1	1.35

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419936	94069407	18	710	30	0.02	< 5	203	0.42	90	< 10	82
419937	94069407	24	610	30	0.04	< 5	206	0.32	61	< 10	78
419938	94069407	18	430	28	0.01	< 5	202	0.36	63	< 10	62
419939	94069407	17	350	26	< 0.01	< 5	163	0.38	86	< 10	66
419940	94069407	20	1160	26	0.06	< 5	147	0.37	84	< 10	106

CERTIFICATION: _____