

**TECHNICAL ASSESMENT REPORT: FORGOLD PROJECT**  
**SOW: 4360114: Collection of Verification Samples – Forgold Main Grid**  
**SOW: 4465983: Assay of Verification Samples and GIS Compilation**  
**of the historic Forgold Main Grid Geochemical Survey**

BC Geological Survey  
Assessment Report  
31344

**LIARD MINING DIVISION**  
**BRITISH COLUMBIA**

**NTS 104B**

**UTM Zone 9, NAD 83**  
**6309570N 400185E**

**Prepared for:**

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## **1.0 SUMMARY**

This technical report describes the assessment work completed on the Forgold Property pursuant to two separate Statements of Work. SOW 4360114 recorded September 28, 2009 documents a verification sampling program designed to confirm results of an extensive soil geochemical survey reported by Ecstall Mining and Gold Fields Canadian Mining in 1991. SOW 4465983 recorded January 27, 2010 documents analysis of the samples collected during the verification sampling program and includes a complete GIS compilation of the soil geochemical survey reported by Ecstall Mining and Gold Fields Canadian Mining in 1991 (1,475 samples). The exploration work was undertaken between August 15, 2009 and January 27, 2010 and was completed on behalf of the Forgold Syndicate.

The property is located in the Forrest Kerr / Iskut River exploration area. The Forgold Property adjoins the southern boundary of Kiska Metals (formerly Rimfire Minerals) RDN Property which has undergone extensive exploration work for both Eskay Creek type mineralization and structurally controlled precious and base metal mineralization (similar to Bravo Gold' Homestake Project near Stewart). Both the RDN and the Forgold Property straddle a narrow belt of Jurassic Age felsic to intermediate volcanic rocks believed to be equivalent to the "Eskay Horizon".

The present Forgold Property is an irregular shaped claim block comprising 22 contiguous mineral claims approximately 20 kilometres west of Bob Quinn airstrip, on the Stewart Cassiar Highway, north-west British Columbia. The property covers an area of 52.82 km<sup>2</sup>, which covers the known mineral occurrence FORGOLD (Minfile No.104B 378). The FORGOLD mineral occurrence is categorised as a Minfile prospect. This technical report is restricted to an evaluation of the technical data related to FORGOLD and a field verification of the soil geochemical survey.

Regional geological maps published by the BC Ministry of Energy and Mines (BCMÉM) show that the claim area is divided into eastern and western halves by the north-trending Forrest Kerr Fault zone. The west side is underlain by penetratively polydeformed Paleozoic Stikine assemblage metavolcanic and metasedimentary rocks and the Late Devonian Forrest Kerr Pluton, the east side by fault-bounded panels of Upper Triassic volcanic and sedimentary rocks (Stuhini Group) and Lower(?) to Middle Jurassic volcanic rocks (Hazelton Group). The Mesozoic rocks are intruded by Early and Middle Jurassic sills, stocks and plugs and host the known vein-style mineralization.

The claim lies within an important base and precious metal-rich part of Northwestern British Columbia, termed the "Golden Horseshoe". The Golden Horseshoe extends north from Alice Arm to the Taku River, east of the Coast Belt, and wraps back around the northwestern edge of the Bowser basin as far east as the Toodoggone River. The Stuhini Group, Hazelton Group and

Stikine Assemblage underlie the claim area which regionally contain numerous mineral occurrences (mineral occurrences: 1370 - Hazelton Group; 373 - Stuhini Group; 115 – Stikine Assemblage) and significant number of past producers with greater than 1000 tonnes mined (past producers: 31 - Hazelton Group; 2 – Stuhini Group; 3 Stikine Assemblage). Ten types of mineralization are common within these geological packages: 1] Noranda/Kuroko-type massive sulphide Cu-Pb-Zn mineralization; 2] Ag-Pb-Zn+/-Au vein mineralization; 3] Porphyry Cu/Mo/Au; 4] Au-qtz veins; 5] Epithermal Au-Ag – Low Sulphidation; 6] Besshi Massive Sulphide Cu-Zn; 7] Subaqueous Hot Springs Ag-Au; 8] Volcanic Redbed Cu; 9] Subvolcanic Cu-Ag-Au (As-Sb); 10] Intrusion-related Au pyrrhotite veins. The Forgold property is of interest as a host Ag-Pb-Zn+/-Au vein mineralization.

According to the Minfile database Ecstall Mining and Gold Fields Canadian Mining identified epithermal polymetallic vein mineralization by carrying out reconnaissance rock and silt sampling followed up by a detailed soil and rock geochemical survey. They found the results from these geochemical surveys encouraging enough to carry out a geophysical (IP) survey and a limited drill program.

In 1991, Ecstall Mining and Gold Fields Canadian Mining completed a large soil geochemical survey comprising 1,475 samples that resulted in the delineation of a 2000 meter long, 500 meter wide geochemical anomaly. This anomaly was defined by a series of 50 to 100 meter spaced profile lines with a sample spacing of 25 meters. Ecstall Mining and Gold Fields Canadian Mining carried out a limited drilling program (5 holes to follow up the soil geochemical anomalies. Two drill holes intersected two significant zones 0.113 oz/ton over 1.58m and 0.56 oz/ton Au over 0.82m.

Based on the presence of significant mineralization intersected by the limited drilling completed by Ecstall Mining and Gold Fields Canadian Mining (5 drill holes) within a restricted part of the 2000 meter strike length of the soil geochemical anomaly a detailed evaluation of the geochemical data reported by Ecstall Mining and Gold Fields Canadian Mining and a verification soil geochemical survey was warranted.

To satisfy assessment requirements for SOW-4465983, a GIS database for the Ecstall / Gold Fields geochemical survey including digitizing the UTM locations of the geochemical samples collected by Gold Fields (Assessment Report No. 21868), entering the geochemical data for silver, gold, arsenic, copper, zinc and lead into an xls database and carrying out a rigorous statistical analysis on both data sets was carried out.

Based on the results of the verification sampling program and computer modeling carried out during 2009 and 2010 the results the extensive soil geochemical anomaly defined by Ecstall and Gold Fileds in 1991 has been confirmed. It is recommended that the Forgold Syndicate complete a program of detailed geological mapping and trenching to better delineate controls on

mineralization. The focus should be on determining the source of the encouraging anomalous soil geochemical that has been identified over a significant width in the Main Forgold Grid Area.

## **2.0 INTRODUCTION**

This report has been written in order to satisfy assessment requirements for the SOW 4360114 and SOW 4465983. This report describes a brief exploration history, the geology, a verification soil geochemical survey undertaken during August 28<sup>th</sup> to September 6<sup>th</sup> 2009 (The verification soil survey satisfies the requirements for the SOW 4360114) and a historical compilation of Gold Fields soil geochemical survey and statistical analysis of both data sets (The analytical costs of the verification survey samples, the historical compilation, statistical analysis and writing this report satisfies the requirements for SOW SOW4465983).

The 2009 fieldwork on the Forgold central area was carried out by the author of this report and a field assistant. The compilation of historic data and statistical analysis of geochemical data sets was completed by the author and all figures were produced by GIS software specialist.

All UTM locations given are from the NAD83 ZONE 9, projection.

### **2.1 Property Description and Location**

The Forgold Project consists of an irregular shaped claim group located approximately 20 kilometres west of Bob Quinn airstrip, on the Stewart Cassiar Highway, north-west British Columbia (Figure 1). The centre of the property is at approximately UTM Zone 9 (NAD 83) at approximately 400185m East and 6309570m North. The Forgold claim group consists of a total of 22 contiguous mineral claims covering 52.82 km<sup>2</sup> in the Liard Mining Division (Table 1-Figure 4).

### **2.2 Access, Climate, Local Resources and Physiography**

Access to the property is available only by helicopter. Bob Quinn Lake, on the Stewart Cassiar Highway, 20 km east of the Forgold claim group has an airstrip that can be used as a staging area. Kilometre 54 on the Eskay Creek Mine access road can also be used as a staging area.

The Forgold claims are located in a rugged part of the Coast Mountains. Elevations on the property range from about 460 meters (1,500 feet) at Forrest Kerr Creek to 1,830 meters (6,000 feet) on ridge tops. The major creek valleys on the property have been glacially scoured, with steep sides.

Timber line is at about 1,370 meters. Anywhere below about 1,070 meters, extremely dense undergrowth makes foot travel extremely difficult.

The climate is typical of the Coast Ranges, with heavy precipitation. The winter snow pack builds up to several meters, and the field season for geological work is limited to June through early October.



**Table 1. Forgold Claim Group**

<b>Tenure Number</b>	<b>Owner</b>	<b>Issue Date</b>	<b>Good To Date</b>	<b>Area (ha)</b>
592371	127981 (100%)	2008/oct/02	2010/jul/30	423.9
592381	127981 (100%)	2008/oct/02	2010/jul/30	211.9
592383	127981 (100%)	2008/oct/02	2010/jul/30	106
592388	127981 (100%)	2008/oct/02	2010/jul/30	35.33
592400	127981 (100%)	2008/oct/02	2010/jul/30	17.66
592423	127981 (100%)	2008/oct/02	2010/jul/30	35.32
596401	127981 (100%)	2008/dec/20	2010/jul/30	17.66
596821	127981 (100%)	2009/jan/01	2010/jul/30	53.01
596822	127981 (100%)	2009/jan/01	2010/jul/30	441.8
596823	127981 (100%)	2009/jan/01	2010/jul/30	141.4
596824	127981 (100%)	2009/jan/01	2010/jul/30	441.9
596827	127981 (100%)	2009/jan/01	2010/jul/30	442
597143	127981 (100%)	2009/jan/08	2010/jul/30	442.1
597144	127981 (100%)	2009/jan/08	2010/jul/30	442.3
597145	127981 (100%)	2009/jan/08	2010/jul/30	265.4
598391	127981 (100%)	2009/feb/01	2010/jul/30	441.4
598392	127981 (100%)	2009/feb/01	2010/jul/30	441.2
598394	127981 (100%)	2009/feb/01	2010/jul/30	176.4
598395	127981 (100%)	2009/feb/01	2010/jul/30	405.7
598396	127981 (100%)	2009/feb/01	2010/jul/30	229.3
598748	127981 (100%)	2009/feb/05	2010/jul/30	17.64
599795	127981 (100%)	2009/feb/21	2010/jul/30	53
			<b>Total area</b>	<b>5282</b>

### **3.0 EXPLORATION HISTORY**

Where no specific reference is listed, information has been taken from the British Columbia Minister of Mines Annual reports, ARIS reports or from the BC Geological Survey Branch Mineral Inventory File (MINFILE).

#### **3.1 Regional Exploration History**

The Stuhini Group, Hazelton Group and Stikine Assemblage underlie the Forgold claim area which regionally contains numerous mineral occurrences (Figure 2). These geological packages have numerous regional mineral occurrences (mineral occurrences: 1370 - Hazelton Group; 373 - Stuhini Group; 115 – Stikine Assemblage) and significant number of past producers with greater than 1000 tonnes mined (past producers: 31 - Hazelton Group; 2 – Stuhini Group; 3 Stikine Assemblage). Within these geological packages silver-gold-copper-lead-zinc mineralization predominates. Ten types of mineralization are common within these geological packages: 1] Ag-Pb-Zn+/-Au vein mineralization (628 occurrences); 2] Subvolcanic Cu-Ag-Au (As-Sb) (276 occurrences); 3] Intrusion-related Au pyrrhotite veins (213 occurrences); 4] Porphyry Cu/Mo/Au (185 occurrences); 5] Volcanic Redbed Cu (159 occurrences); 6] Epithermal Au-Ag – Low Sulphidation (110 occurrences); 7] Noranda/Kuroko-type massive sulphide Cu-Pb-Zn mineralization (91 occurrences); 8] Subaqueous Hot Springs Ag-Au (68 occurrences); 9] Besshi Massive Sulphide Cu-Zn (57); 10] Au-qtz veins (47 occurrences).

A total of 185 million tonnes were mined intermittently between the early 1900's and 2007 from the Stuhini Group, Hazelton Group and Stikine Assemblage. Recovery totalled 250 million ounces of silver, 8.46 million ounces of gold, 2.3 billion lbs of copper, 106 million lbs of lead, and 153 million lbs of zinc. Grades calculated from reported mined and recovered values range between 0.01 to 78 troy oz/ton Ag, 0.0005 to 1.35 troy oz/ton Au, 0.02 to 11% Zn, 0.1 to 9.2% Pb, and 0.01 to 2.2% Cu.

#### **3.2 History of Exploration, Forgold Project Claim Group**

Exploration on the Forgold Claim Group dates back to 1989. The current Forgold Claim Group covers three historic exploration projects (Figure 5): in the north the historic For property, in south the historic FK, Rest and Glimmer properties, and in the center the historic Forgold property. There is 1 reported Minfile mineral occurrence on the current property (Figure 4). The exploration history that has occurred within Forgold North, Central and South is discussed below.

##### **3.2.1 Forgold North Area (Historic For Property)**

In 1988 the Forgold North Area was staked as the For property for Ecstall Mining Corporation and Omega Gold Corporation to cover favourable Triassic volcanic rocks and Jurassic volcanic and sediment rocks mapped in the area by the Geological Survey of Canada (Figure 3). Several major deposits in the region such as the Snip and Jonny Mountain are hosted in the Triassic Stuhini Group which outcrops over much of the property. There 1989 exploration program included geologic mapping, reconnaissance stream sediment survey (27 silts) and reconnaissance rock sampling (171 rocks). A number of silt and rock sample assay results were encouraging and combined with the rocky mapping resulted in Nicholson (1989) to recommend further

prospecting and sampling in the areas of encouraging assay results in hopes of proving up the presence of either an epithermal or base metal exhalative setting on the property.

In 1990 the For property (Forgold North area) was revisited and a detailed mapping and sampling project (171 rock; 194 silt; 30 moss mat; 4 soil) corroborated previous (1989) anomalies and delineated new target zones. Several samples returned copper assays with 1-2% Cu and 1 assay up to 15% Cu. Cu mineralization was found to be hosted in narrow fractures. Walker & Gal (1990) recommended that anomalous values of copper, lead and zinc should be followed up to ascertain whether the mineralization is totally restricted to thin fractures, or if larger mineralized bodies are present.

In 1991 an airborne magnetic, electromagnetic and VLF-EM survey covered the For property. 425 linear kilometers was flown with 100m line spacing. The survey identified 1 conductor on the property.

The geophysical survey was never followed up and none of the anomalous base or precious metal samples were followed up by detailed soil geochemical surveys that can be used to identify larger buried mineralized bodies.

**Table 2. Exploration History Forgold North Area (Historic For Property)**

Operator/Current Tenure area	Geochemistry	Geophysics	Trenching	Drilling	Reference
Kennecott Canada Inc.		425 km VLF-EM, Mag, Resistivity			Fields (1992) ARIS: 22102
High Frontier Resources	171 rock 194 silt 30 moss mat 4 soil				Walker & Gal (1990) ARIS: 20598
Ecstall Mining Corp Omega Gold Corp	17 rocks 27 silt				Nicholson (1989) ARIS: 19634

**3.2.2 Forgold Central Area (Main Grid Area - historic Forgold Property)**

In 1989 the Forgold Central Area was staked as the Forgold property for Ecstall Mining Corporation, Omega Gold Corporation and Manridge Exploration Limited. Preliminary stream sediment sampling (30 silt and 15 moss mat samples) of the west-facing slope of the Nelson Creek valley returned very encouraging concentrations of gold, silver and copper, as well as anomalous lead, zinc and mercury values. The focus of work subsequently shifted to this area, where significant mineralization was discovered over a 500m by 100m long trend (90 rock samples). Both base and precious metal mineralization were located in high-grade concentrations, apparently related to an extremely leached, sericitic alteration zone trending north-south along the valley wall.

Highly anomalous base and precious metal values were recovered from an area on the west-facing slope of the Nelson Creek valley. Grab samples grading .89 oz/ton (30.50 g/t) Au and 15.85 % Cu, 0.28 oz/ton (9.60g/t) Au, 16.8% Cu, and .128 oz/ton Au and 2.27% Zn were recovered. As well, highly anomalous silt-sample values were recovered from a number of streams draining the same general area. One Silt sample returned values of 59.1 ppm Ag, 3181 ppm Cu, and 3120 ppb Au.

Based on the type and spatial orientation of mineralization and alteration, Termuende (1990) concluded that the anomalous base and precious metal were reflecting an epithermal-type mineralization system. Termuende (1990) recommended detailed geological mapping, a geochemical survey and a geophysical survey to better understand the significance of the discovery of this apparent epithermal-type system.

In 1990, Santa Marina Mining optioned the claims from Ecstall Mining Corporation, Omega Gold Corporation and Manridge Exploration Limited. Santa Marina Mining collected 116 rock samples that returned excellent high grade base and precious metal assays. In the NE part of the area three grab samples of a massive chalcopyrite vein 30 cm wide assayed; 29.50% Cu, 45 ppb Pb, 270 ppm Zn and 3.36 oz/ton Ag; 31.50% Cu, 37 ppm Pb, 1270 ppm Zn, 2.240 oz/ton Ag and 26.00% Cu, 300 ppm Pb, 680 ppm Au, 7.90 oz/ton Ag. The highest gold result was 0.026 oz/ton. A grab sample along Nelson Creek assayed 0.449 oz/ton Au, 4.67% Cu and other anomalous gold values occur throughout the zone. In the south part of the prospect a quartz-carbonate sulphide stockwork returned assays of 0.61 oz/ton Au, 3.04% Pb, 14.70% Zn and 270 ppb Au, 8.10% Zn. Just north of this area a copper rich zone returned assays .275 oz/ton Au, 1.48% Cu, 1.69% Zn and 0.166 oz/ton Au, 2.90% Cu. In the middle of the prospect, grab samples of a chalcopyrite stringer zone returned assays of 3.28 oz/ton Au, 9.58% Cu, 2.48 oz/ton Ag; 0.202 oz/ton Au, 2820 ppm Cu and 0.069 oz/ton Au, 17.60% Cu.

In 1991, Gold Fields Canadian Mining optioned the claims from Ecstall Mining Corporation. Gold Fields collected 244 rock samples and 1475 soil samples for assay. The soil geochemical survey was wildly successful and identified four zones (Zone A, B, C and D). The rock samples confirmed the presence of widespread copper, lead, zinc, silver and gold mineralization, however, in general the gold grades obtained by the 1991 sampling were lower than those reported from 1990 (Malensek et al., 1990; and Termuende and Termuende, 1990). This is largely due to the different purpose of the sampling from year to year. In 1990 the programs objectives were to demonstrate the presence of gold and base metal mineralization on the property. The 1991 program moved to the next stage, determining the grades attainable over potentially mineable widths.

Later in 1991, Gold Fields Canadian Mining carried out a limited drill program completing a total of 935m from 5 holes in the northern part of the 2,000 meter long soil geochemical anomaly that was defined by the soil sample data. The first four drill holes (FG - 1, 2, 3, and 4) were designed to test the southern strike extent of the Noranda/High Frontier drill intersection (2.19 oz/ton over 3.7 meters -see figure 3A). Two significant zones of gold mineralization were intersected in holes FG-2 and FG-3 (0.113 oz/ton over 1.58m and 0.56 oz/ton Au over 0.82m respectively).

Based on dominant northeasterly trends, only the mineralized zone in hole FG-2 was interpreted to be on strike with the Noranda-High Frontier intersection. The FG-3 gold intersection appears to be a new separate zone. A fifth drill hole (FG-5) was located 915 meters to the south of these four holes was designed to test a zone of high chargeability, low magnetic response, high soil geochemistry (Zone C) having gold values up to 3000 ppb and gold values from rock sampling up to 7.45 ppm. Hole FG-5 did not encounter any significant gold mineralization but did intersect two narrow zones of copper mineralization (2.97% Cu over 0.31 m and 1.14% Cu over 1.16 m respectively).

No rigorous statistical analysis of the soil sample results was ever done. The results were interpreted by plotting them on plan maps and inspecting them for significant patterns. For each element certain values were selected and plotted on the plan as contours to help distinguish patterns. Based on the drilling Bond (1992) concluded that the gold mineralization is narrow and discontinuous, however, the amount of drilling to date has not tested the highly anomalous geochemical signature that extends well over 2 km in a north-south trend and is over 500m wide. A geophysical survey was referred to by Ronning (1991) and Bond (1992), however, no accompanying results or interpretation has been made available in the public domain.

**Table 3. Exploration History Forgold Central Area(Historic Forgold Property)**

Operator/Current Tenure area	Geochemistry	Geophysics	Trenching	Drilling	Reference
Gold Fields Canadian Mining	670 rocks	Not Reported		5 holes	Bond (1992) ARIS: 22623
Gold Fields Canadian Mining	244 rock 1475 soil				Ronning (1991) ARIS: 21868
Santa Marina Gold Ltd.	116 rock				Malensek et al. (1990) ARIS: 20722
Ecstall Mining, Omega Gold & Manridge	90 rock 30 silt 15 moss mat 1 soil				Termuende and Termuende (1990) ARIS: 20540

### 3.2.3 Forgold South Area (Historic FK, Rest and Glimmer Properties)

**Table 4. Exploration History Forgold South Area (Historic FK, Rest and Glimmer Properties)**

Operator/Current Tenure area	Geochemistry	Geophysics	Trenching	Drilling	Reference
Rimfire Minerals & Northgate Minerals	51 rock 7 silt 308 soil				Jones (2006) ARIS: 28106
Northgate Exploration	15 rock 5 silt				Edmunds (2003) ARIS: 27172
Homestake Canada	24 rock 3 silt 101 soil				Marsden and Bozek (1991) ARIS: 21016
Canadian Cariboo Resources	54 rock 19 silt 876 soil				Pegg (1990) ARIS: 20932
Carmac Resources	24 rock 24 silt				Atkinson and Leriche (1990) ARIS: 20533

## 4.0 GEOLOGY

### 4.1 Regional Geology

The Forgold Project lies on the western edge of the Intermontane Tectonic Belt, within Stikine Terrane, and is bounded to the east by the Bowser sedimentary basin and the Coast Belt to the west. It lies within an important base and precious metal-rich part of Northwestern British Columbia, termed the “Golden Horseshoe” (Lefebure,1991). The Horseshoe extends north from Alice Arm to the Taku River, east of the Coast Belt, and wraps back around the northwestern edge of the Bowser basin as far east as the Toadoggon River (Figure 2).

The following is a summary of the regional mineralization by Logan et al. (2000):

“This metalotect [Golden Horseshoe] is underlain predominantly by Late Paleozoic and Mesozoic volcanic and plutonic rocks of the Stikine terrane and is characterized by metal deposits related to island-arc volcanic centres. Mineral deposits commonly found in island arc settings include porphyry, intrusion-related (i.e. mesothermal) vein, metasomatic skarn, epithermal vein and volcanogenic massive sulphide deposits of the Kuroko type. Regional examples of these deposit types are found in northwestern Stikinia. Porphyry copper deposits in the area include both the alkaline copper-gold-silver (Galore Creek) and calcalkaline copper-molybdenum-gold (Schaft Creek) types. Early Jurassic intrusion-related, gold-silver quartz veins are shear-hosted at the Snip gold mine and extensional vein structures at the past producing Stonehouse deposit (Johnny Mountain Gold Mine). The largest epithermal silver-gold deposit in the province is the Premier mine, formerly the Silbak Premier mine in the Stewart area. Tulsequah Chief is a Kuroko type volcanogenic gold-silver-zinc-copper-lead massive sulphide deposit located in the Tulsequah area of northwestern Stikinia. In 1996, the volcanogenic massive sulphide Eskay Creek mine was the sixth largest silver producer in the world, and one of the highest grade gold and silver deposits ever discovered in North America (Schroeter, 1997). At the Golden Bear property (Carlin-type deposit) 6780 kg of gold was recovered from underground and open-pit mining between 1989 and 1994; and in 1997 began producing gold from heap leach pads on site 75 km northwest of Telegraph Creek.”

The following is a summary of the regional geology by Aldrick et al. (2005):

“Souther (1972) and Logan *et al.* (2000) describe the geological history of the area as a series of five mid-Paleozoic to mid-Mesozoic volcanic arcs developed in sediment-poor and sediment-rich marine settings. Lulls in volcanism at the Triassic-Jurassic boundary and in the uppermost Lower Jurassic were marked by tectonic uplift, deformation and erosion, termed the Inklinian and Nassian orogenies respectively (Souther, 1972).

Strata range in age from Devonian to Holocene. The major stratigraphic units exposed in the area are the Paleozoic Stikine Assemblage, Triassic Stuhini Group, Lower to Middle Jurassic Hazelton Group, Jurassic-Cretaceous Bowser Lake Group and Pleistocene Mount Edziza Complex. The Stikine Assemblage was defined by a Geological Survey of Canada team (Operation Stikine, 1957) and has most recently been described by Logan *et al.* (2000). It consists of Early Devonian to mid-Permian volcanic and sedimentary strata, characterized by thick carbonate members. The Upper Triassic Stuhini Group typically consists of pyroxene porphyritic basalt flows and breccias with intercalated clastic sedimentary rocks and minor carbonate units. The Early to Middle Jurassic Hazelton Group is an island arc succession composed of a lower package of intermediate volcanic rocks and derived clastic sedimentary units; a middle interval of thin, but widely distributed felsic volcanic rocks; and an upper unit of fine clastic sedimentary rocks with local bimodal volcanic rocks dominated by basalt.

Carbonate units are rare or absent in Hazelton Group strata. The Middle Jurassic to Early Cretaceous Bowser Lake Group is a thick, clastic marine sedimentary succession. Miocene to Recent volcanic strata from the Mount Edziza volcanic complex blanket the northwest part of the project area.

Regional-scale unconformities within the study area include a Late Permian - Early Triassic unconformity, a Late Triassic - Early Jurassic angular unconformity and nonconformity, and a late Early Jurassic angular unconformity.

Logan *et al.* (2000) describe five plutonic episodes in the area (Middle to Late Triassic Stikine; Late Triassic to Early Jurassic Copper Mountain; Early Jurassic Texas Creek; Middle Jurassic Three Sisters; Eocene Hyder). The four youngest plutonic suites generated important mineral deposits.

To the south, mid-Cretaceous regional metamorphism reached a maximum grade of lower greenschist facies (Alldrick, 1993). In the current field area, chlorite is rare to absent and prehnite is present, thus the regional metamorphic grade is interpreted as sub-greenschist, mid-prehnite-pumpellyite facies (Alldrick *et al.*, 2004)."



## 4.2 Property Geology

The Forgold Property adjoins the southern boundary of Kiska Metals (formerly Rimfire Minerals) RDN Property which has undergone extensive exploration work for both Eskay Creek type mineralization and structurally controlled precious and base metal mineralization (similar to Bravo Gold' Homestake Project near Stewart). Both the RDN and the Forgold Property straddle a narrow belt of Jurassic Age felsic to intermediate volcanic rocks believed to be equivalent to the "Eskay Horizon".

The Forgold property is divided into eastern and western halves by the north-trending Forrest Kerr Fault zone (Figure 3). The west side is underlain by penetratively polydeformed Paleozoic Stikine assemblage metavolcanic and metasedimentary rocks and the Late Devonian Forrest Kerr Pluton, the east side by fault-bounded panels of Upper Triassic volcanic and sedimentary rocks (Stuhini Group) and Lower(?) to Middle Jurassic volcanic rocks (Hazelton Group). The Mesozoic rocks are intruded by Early and Middle Jurassic sills, stocks and plugs and host the known vein-style mineralization.

In the Forgold North Area the property is dominantly underlain by the Stuhini Group Upper Triassic volcanic and sedimentary rocks. The following is a summary of the property geology in the Forgold North area by Gal and Walker (1990):

"Dominantly volcanic rocks of the Triassic Stuhini Group outcrop over much of the interglacial ridges on the For properties. The dominant lithologies are green and lesser maroon coloured plagioclase – phyric andesites, and some plagioclase - pyroxene phyric basalts. These flows are often slightly vesicular. Plagioclase phenocrysts range in size from less than 1mm to 3mm, and trachytic textures are common. Pyroxene phenocrysts are found in the basalts, in subordinate amounts to plagioclase. Propylitic alteration is indicated by abundant carbonate in thin fractures and vesicles, sausseritization of plagioclase phenocrysts, and chlorite and epidote as replacement minerals and fracture infilling. The andesites and basalts are interbedded with green to maroon coloured, intermediate lapilli, plagioclase crystal, and rare ash tuffs. Locally, the lapilli tuffs grade into coarser volcanic breccias and agglomerates. Some exposures of the volcanoclastics show distinctive bedding, but more commonly they are massive. A shallow east-west trending syncline was mapped in this sequence of tuffs on the west side of the property by the BCMEMPR. Like the flow rocks, the tuffs commonly bear evidence of propylitic alteration, and local silicification. The contacts between intermediate flows and tuffs strike east to north-northeast. Often the two units are separated by faults with northeast and northwest strikes, and moderate to steep dips."

In the Forgold Central Area the property is divided into eastern and western halves by the north-trending Forrest Kerr Fault zone. The west side is underlain by penetratively polydeformed Paleozoic Stikine assemblage metavolcanic and metasedimentary rocks and the Late Devonian Forrest Kerr Pluton, the east side by fault-bounded panels of Upper Triassic volcanic and sedimentary rocks (Stuhini Group) and Lower(?) to Middle Jurassic volcanic rocks (Hazelton

Group). The following is a summary of the property geology in the Forgold Central area by Malensek et al. (1990):

“Prospecting and geological traversing were concentrated in the eastern half of the claim block, specifically around the eastern segment of Nelson Creek which is a topographical expression of the Forrest Kerr Fault, a NE trending, vertical to steep easterly dipping normal fault. It separates metamorphosed and deformed Palaeozoic strata on the western side from the Triassic-Jurassic rocks on the east. A distinct N-NE foliation in the sheared volcanics is prevalent. A N-S trending fault separates the Triassic intermediate volcanics from the siltstones/argillites and felsic volcanics of probable Jurassic age situated along the eastern most side of the property. Large sericite-pyrite alteration zones are located close to this contact and within the Forrest Kerr Fault zone exposed in the south part of the claim.”

In the Forgold South Area the property is divided into eastern and western halves by the north-trending Forrest Kerr Fault zone. The west side is underlain by penetratively polydeformed Paleozoic Stikine assemblage metavolcanic and metasedimentary rocks and the Late Devonian Forrest Kerr Pluton, the east side by fault-bounded panels of Upper Triassic volcanic and sedimentary rocks (Stuhini Group) and Lower(?) to Middle Jurassic volcanic rocks (Hazelton Group). The following is a summary of the property geology in the Forgold South area by Malensek et al. (1990):

“The Rest property straddles the Forrest Kerr Fault for about 4.5 kilometres. The western flank of the Forrest Kerr Fault is underlain by variably foliated and metamorphosed sedimentary and volcanic rocks of the Paleozoic Stikine Assemblage. These are intruded by a foliated hornblende quartz diorite of the Late Devonian Forrest Kerr Pluton. As well, the Paleozoic rocks are cut by a swarm of early Jurassic felsite dykes and stocks southwest of Forrest Kerr Creek.

Mesozoic rocks of the Stuhini and Hazelton Groups lie east of the Forrest Kerr Fault. The Upper Triassic Stuhini Group rocks consist of mafic volcanic rocks and sediments derived from them. The Hazelton Group has been divided into two main stratigraphic packages on the Rest property:

- a southern package of pillow basalt and sediments
- northern package of pillowed to massive basalt, with interbedded argillite and minor pyroclastic rocks, and a complex of rhyolite dykes, and rhyolite centre consisting of flows and domes

Complex faulting has overlapped rocks of Permian age with Triassic volcanic and sedimentary rocks in the central east area of the property.

The Forgold basalt facies consists of an southeast-facing pile of mafic flows, including pillowed, brecciated and massive facies, with interbedded argillite commonly present. The flows are commonly amygdaloidal and hyaloclastite is common. The mafic rocks are dark green-grey in colour. Pyrite is common in the argillite and in the adjacent mafic rocks. The flows strike south-southeast from the north end of the property to McCreery

Creek. Further down section, in the northwest corner of the property, there is a mixture of massive to lapilli tuff mafic volcanic rocks and argillite. Along McCreery Creek there is evidence of strong shearing in the rocks and the argillite and basalt units are commonly mixed together. The basalts generally are boudinaged and fragments may be rotated by the shearing, whereas pillows and breccia fragments are attenuated.

The Four Corners Complex (Alldrick et al, 2005) overlaps the northern boundary of the property and consists of a white weathering rhyolite flow-dome centre with narrow flow and tuff units mixed with and emanating from the complex. The rhyolite is commonly massive and glassy with small, darkly coloured phenocrysts. Flow banding is evident, particularly near the contact with the country rocks.

Along the north boundary of the property, there is a significant dyke complex associated with the Four Corners Complex. The dykes are felsic, primarily rhyolite, and strike east-west and northeast. The dykes intrude relatively massive intermediate volcanic rocks that may be part of the Triassic volcanic section. Ribbed outcrops of andesite(?) occur throughout the area. A large northeast striking reverse fault separates these rocks from Paleozoic rocks to the southeast. A coarse trachytic intrusion occurs in the saddle on the northwest side of the fault. This intrusion may be part of the early Jurassic Texas Creek suite that also occurs on the west side of Forrest Kerr Creek.

The area at lower elevations east of the confluence of Forrest Kerr and Nelson Creeks is underlain by a mélangé of stratigraphic units. Paleozoic rocks occur to the east of the main northeast trending reverse fault that cuts this area. The rocks that occur along McCreery Creek below Salad Creek are similar to the Forgold Facies mafic flows and interflow argillite seen in the north. However, there seems to be a change to foliated rocks towards Nelson Creek, including mafic volcanic, trachytic intrusion and phyllite units. The cliffs above Nelson Creek in this area consist of feldspar phyric intermediate volcanic rocks but this area has not been mapped in any detail.

South of McCreery Creek, and north of Wet Feet Creek, the area is dominated by relatively massive, fine grained intermediate to mafic volcanic rocks with minor argillite. These rocks are commonly weakly calcareous and chloritic. They are generally non-magnetic and locally they are feldspar phyric. Near Wet Feet Creek, pyroxene phenocrysts are common, indicating that these volcanic rocks are likely part of the Triassic Stuhini Group.

A coarse conglomerate or volcanoclastic unit occurs in this section as well. It consists of mixed volcanic and sedimentary clasts and rip-up fragments of interbedded, fine grained sediment. The rip-up clasts indicate that tops are to the east. The rounded to angular clasts include quartz eye rhyolite, dark chert, argillite, and feldspar phyric mafic volcanic rocks. The source of the felsic volcanic clasts in the conglomerate is unknown but may have implications for stratigraphic positioning of this unit. This volcanoclastic unit occurs along strike from the sedimentary section on lower McCreery Creek although it is not as foliated. Alldrick et al (2005) have mapped this area as underlain by a Triassic sedimentary unit.

The section of sedimentary and volcanic rocks south of Lower McCreery Creek is cut by a feldspar porphyritic intrusion, with a local mega-crystic feldspar texture. This may be an example of the early Jurassic felsic intrusions in this area or it may be more closely related to the local stratigraphy i.e. Triassic age.

South of Wet Feet Creek and east of Forrest Kerr Creek, the lower slopes are dominated by mafic volcanic rocks, described as blocky tuff, that are part of the Pillow Basalt Ridge facies (Alldrick et al, 2005). These rocks are generally dark green, massive and unfoliated.

The Paleozoic rocks in the east part of the property are generally moderately to strongly foliated. The package is quite mixed with mafic to felsic volcanic rocks, argillaceous sedimentary rocks and limestone. Alldrick et al (2005) has these rocks as a Permian section that lies east of Hazelton and Stuhini rocks, exposed by series of thrusts extending east to the Iskut River valley.

In general, the rocks of the eastern Rest Property strike northeasterly, roughly parallel to the inferred reverse fault that divides the Paleozoic and Mesozoic rocks. Local deviations are present, but can be attributed to faulting. For example, the dominant structural trend is roughly north-south in the vicinity of the Forrest Kerr Fault. Overall, there is not a lot of evidence noted for the reverse fault that crosses northeast through the area. The Forgold facies stratigraphy dips moderately to steeply southeast, as does a shear zone measured on Salad Creek, near the proposed fault.”

## **5.0 2009 / 2010 EXPLORATION PROGRAM**

This technical report describes the assessment work completed on the Forgold Property pursuant to two separate Statements of Work. SOW 4360114 recorded September 28, 2009 documents a verification sampling program designed to confirm results of an extensive soil geochemical survey reported by Ecstall Mining and Gold Fields Canadian Mining in 1991. SOW 4465983 recorded January 27, 2010 documents analysis of the samples collected during the verification sampling program and includes a complete GIS compilation of the soil geochemical survey reported by Ecstall Mining and Gold Fields Canadian Mining in 1991 (1,475 samples). The exploration work was undertaken between August 15, 2009 and January 27, 2010 and was completed on behalf of the Forgold Syndicate.

### **5.1 Forgold Central Verification Soil Geochemical Survey**

To satisfy assessment requirements for the SOW-4360114 a verification soil geochemical survey of Gold Fields 1991 geochemical survey was carried out over August 28<sup>th</sup> to September 6<sup>th</sup> 2009 on the Forgold Central area of the Forgold project (Figure 6). A total of 44 soil samples were collected during the 2009 verification sampling program. Location of the soil sample stations were determined by GPS and are shown in Figures 7 to 10, Figures LF1 to LF4 and listed in the Appendix 2.

The soil sample stations cover an area within the Gold Fields Canadian Mining soil geochemical survey (Figure 6). Samples were taken to confirm anomalous silver, gold, arsenic and copper historical values. Samples were collected with conventional soil augers. Samples were taken from the B horizon from depths between 20 and 50 cm and placed in kraft bags and labelled. All samples collected were submitted to ALS Chemex, of Vancouver, for analysis. The -80 mesh sieved fraction of the soil samples analyzed for a series of elements by ICP-MS, after being digested in an aqua-regia solution, listed in table 5 (Analytical certificates – Appendix 2).

**Table 5. Elements analyzed by ICP-MS.**

Analyte	Units	Lower Detection Limit	Analyte	Units	Lower Detection Limit
Ag	ppm	0.01	Mn	ppm	5
Al	%	0.01	Mo	ppm	0.05
As	ppm	0.1	Na	%	0.01
Au	ppm	0.2	Nb	ppm	0.05
B	ppm	10	Ni	ppm	0.2
Ba	ppm	10	P	ppm	10
Be	ppm	0.05	Pb	ppm	0.2
Bi	ppm	0.01	Rb	ppm	0.1
Ca	%	0.01	Re	ppm	0.001
Cd	ppm	0.01	S	%	0.01
Ce	ppm	0.02	Sb	ppm	0.05
Co	ppm	0.1	Sc	ppm	0.1
Cr	ppm	1	Se	ppm	0.2
Cs	ppm	0.05	Sn	ppm	0.2
Cu	ppm	0.2	Sr	ppm	0.2
Fe	%	0.01	Ta	ppm	0.01
Ga	ppm	0.05	Te	ppm	0.01
Ge	ppm	0.05	Th	ppm	0.2
Hf	ppm	0.02	Ti	%	0.005
Hg	ppm	0.01	Tl	ppm	0.02
In	ppm	0.005	U	ppm	0.05
K	%	0.01	V	ppm	1
La	ppm	0.2	W	ppm	0.05
Li	ppm	0.1	Y	ppm	0.05
Mg	%	0.01	Zn	ppm	2
			Zr	ppm	0.5

The 2009 verification soil geochemical survey is discussed in conjunction with Gold Fields compilation work below.

## **5.2 COMPILATION WORK: Ecstall / Gold Fields – 1991**

The assessment work carried out on the Forgold Central area of the Forgold project to satisfy the SOW - 4465983 consisted of analyzing the verification samples collected from the Main grid area and compiling a GIS database for the Gold Fields geochemical survey including digitizing the UTM locations of the geochemical samples collected by Gold Fields (Assessment Report No. 21868), entering the geochemical data for silver, gold, arsenic, copper, zinc and lead into an xls

database and carrying out a rigorous statistical analysis on both data sets (Figures 7 to 10, Figures LF1 to LF4 and Appendix 3).

No rigorous statistical analysis of the soil sample results was ever done on the Gold Fields geochemical survey. A statistical analysis was determined using the 2009 geochemical survey data and that from Ronning (1991), including minimum, maximum, average, median, 80<sup>th</sup>, 90<sup>th</sup>, 95<sup>th</sup> and >95<sup>th</sup> percentiles for Ag, Au, As, Cu, Pb and Zn in Table 6.

**Table 6. Soil Geochemical Statistics: Forgold Central Zone**

	Ag ppm	Au ppb	As ppm	Cu ppm	Pb ppm	Zn ppm
<b>Min</b>	<0.2	<0.2	1	1	1	2
<b>Max</b>	17.4	3000	410	1866	1781	967
<b>Average</b>	0.72	22.5	6	68	31	138
<b>Median</b>	0.6	5	4	42	25	122
<b>80<sup>th</sup> percentile</b>	1.1	10	10	88	36	175
<b>90<sup>th</sup> percentile</b>	1.4	35	13	126	44	207
<b>95<sup>th</sup> percentile</b>	1.7	80	18	179	54	243

\*Total population in statistical analysis is 1521; 44 samples are from 2009 and 1477 samples are from 1991

### **5.1.1 Ag Anomalies (Figure 7 & Figure LF1)**

On the northeast side of the Gold Fields grid there are a number of anomalous silver values. The anomalous silver values are at the edge of the 1991 grid and from the north they are at elevation and come down elevation to the south. It is likely that the anomalous silver values are actually indicating a stratigraphic difference in silver. Regional geological maps published by the BCMEM indicate that there is a contact between Hazelton group andesite volcanic and Hazelton basalt volcanic rocks. The silver anomalies appear to lie in the basalt volcanic rocks.

The 2009 verification soil geochemical survey did not go through the basalt volcanic rocks and therefore did not pick up any silver anomalies.

### **5.1.2 Au anomalies (Figure 8 & Figure LF2)**

On the northeast side of the Gold Fields grid below the silver anomalies but east of Nelson Creek there are a number of anomalous gold values. It is likely that the anomalous gold values are actually indicating a stratigraphic difference in gold. Regional geological maps published by the

BCMEM indicate that there is a contact between Hazelton group andesite volcanic and Hazelton basalt volcanic rocks. The gold anomalies appear to lie in the andesite volcanic rocks and are focused near the drainages.

The 2009 verification soil geochemical survey went through the andesite volcanic rocks, however, because of the analytical method used to measure gold concentrations no gold was detected in the samples. A gold analytical procedure with a lower limit of 200 ppb was used.

#### **5.1.3 As anomalies (Figure 9 & Figure LF3)**

Over most of Gold Fields soil geochemical survey there is a subtle aureole of arsenic anomalies around the gold anomalies. There is also an arsenic anomaly found within the basalt volcanic rocks in the southeast corner of the grid.

#### **5.1.4 Cu anomalies (Figure 10 & Figure LF4)**

On the northeast side of the Gold Fields grid below the silver anomalies but east of Nelson Creek there are a number of anomalous copper values. It is likely that the anomalous copper values are actually indicating a stratigraphic difference in copper. Regional geological maps published by the BCMEM indicate that there is a contact between Hazelton group andesite volcanic and Hazelton basalt volcanic rocks. The copper anomalies appear to lie in the andesite volcanic rocks and are focused near the drainages. There is a very strong correlation between the copper and gold anomalies.

The 2009 verification soil geochemical survey went through the andesite volcanic rocks and a number of copper anomalies were detected.



### **5.3 Description of 1991 Main Grid Soil sampling program and assay method**

According to ARIS report 21868 the 1991 Main Grid soil sampling program was carried out as follows. Soil sampling was done by the crew establishing the grid, in August of 1991. The crew consisted of two geologists and two experienced line cutters/samplers. Samples were collected on nominal 25 meter spacings along the wing lines and the base line as shown in Figure 6 to 10.

If suitable material was not available within about 5 meters of the nominal location, no sample was collected. The steep slopes in the grid area are covered with a thin veneer of colluvium. This supports grasses, moss, and annual leafy plants which grow to three or four feet high in the summer, dying and quickly rotting in September. The upper part of the soil profile consists of one to ten centimeters of dark organic rich debris, under which is a dull brown layer of mineral soil. Samples were usually collected from the upper part of this dull brown layer. On bare slopes, where the organic layer is absent, samples were collected from fifteen to twenty centimeters below the surface.

Much of the northeastern extremity of the grid is covered by thick terminal and lateral moraines left by a receding alpine glacier. No soil samples were collected from this boulder rubble. Similarly, thick scree slopes cover much of the northwestern part of the grid. Most of this scree originates hundreds of meters above its present location. Some samples of talus fines were collected along the base line, but for the most part the scree was not sampled. In total, 1,478 soil samples were collected. Each sample was placed in a numbered kraft paper bag. They were shipped to Min-En Laboratories in Vancouver, BC for analysis. All samples were analyzed for the following elements using the ICP technique:

Ag, As, Bi, Cd, Cu, Fe, Mn, Mo, Ni, Pb, Sb, and Zn

In addition, each sample was analyzed for gold using wet geochemical methods and an AA finish.

Min-En's descriptions of its procedures as provided in ARIS 21868 were as follows: Samples are processed by Min-En Laboratories, at 705 West 15th Street, North Vancouver, employing the following procedures. After drying the samples at 95 C, soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized on a ring mill pulverizer. 15.00 grams of sample is weighed into porcelain crucibles and cindered @ 800 C for 3 hours. Samples are then transferred to beakers and digested using aqua regia, diluted to volume and mixed. Further oxidation and treatment of 75% of the above solution is then extracted for gold by Methyl Iso-butyl Ketone. The MIBK solutions are analyzed on an atomic absorption spectrometer using a suitable standard set.

## **6.0 CONCLUSIONS AND RECOMENDATIONS**

Based on the results of the verification sampling program and computer modeling carried out during 2009 and 2010 the extensive soil geochemical anomaly defined by Ecstall and Gold Fileds in 1991 has been confirmed. It is recommended that the Forgold Syndicate complete a program of detailed geological mapping and trenching to better delineate controls on mineralization. The focus should be on determining the source of the encouraging anomalous soil geochemical responses that have been identified over significant widths in the Main Forgold Grid Area.

## 7.0 REFERENCES

- Nicholson, J.A., 1989. Regional Geology and Geochemical Report on the For Claim Group. ARIS: 19364
- Gal, L., Walker, R., 1990. Geological and Geochemical Summary Report on the For Claim Group. ARIS: 20598
- Fields, M., 1992. Assessment Report for the For Property. ARIS: 22102
- Leriche, P., Atkinson, D., 1990. Geological and Geochemical Report on the Best Bet Claim Group. ARIS: 20533
- Termuende, T.J., Termuende, R.W., 1990. Geological and Geochemical Summary Report on the Forgold Claim Group. ARIS: 20540
- Malensek, G.A., Baker, N., Cavey, G., 1990. Assessment Report on the Forgold Project. ARIS: 20722
- Pegg, R., 1990. Geological and Geochemical Report on the FK Property. ARIS: 20932
- Marsden, H., Bozek, J., 1991. Exploration Report on the Glimmer 2 Claim. ARIS: 21016
- Ronning, P., 1991. Exploration on the Forgold Mineral Claims. ARIS: 21868
- Bond, W.D., 1992. Diamond Drill Report on the Forgold Mineral Claims. ARIS: 22623
- Edmunds, F.C., 2003. Reconnaissance Report on the Rest Property. ARIS: 27172
- Jones, M., 2006. Geological and Geochemical Report on the Rest Claims. ARIS: 28106
- Lefebure, D.V. (1991): B.C.'s Golden Horseshoe - An Update; Talk presented at the MEG in Vancouver, February, 1991.
- Logan, J.M., Drobe, J.R. and McClelland, W.C. (2000): Geology of the Forest Kerr - Mess Creek area, Northwestern British Columbia (104B/10,15 & 104G/2 & 7W); *British Columbia Ministry of Energy and Mines*, Bulletin 104, 164 pages.
- Schroeter, T.G. (1997): British Columbia Mining, Development and Exploration, 1996 Overview; *in* British Columbia Mineral Exploration Review 1996, *B.C. Ministry of Employment and Investment*, Information Circular 1997-1, 32 pages.
- Alldrick, D.J., Nelson, J.L. and Barresi, T. (2005): Tracking the Eskay Rift through northern British Columbia: geology and mineral occurrences of the upper Iskut River area; *in* Geological Field work 2004, *BC Ministry of Energy, Mines and Petroleum Resources*, Paper 2005-1, pages 1-30

Souther, J.G., 1972: Telegraph Creek map-area, British Columbia; *Geological Survey of Canada*, Paper 71-44.

Operation Stikine (1957): Stikine River area, British Columbia (104A, B, G, H, I, J); Map 9-1957.

Alldrick, D.J. (1993): Geology and metallogeny of the Stewart mining camp, northwestern British Columbia; *British Columbia Ministry of Energy and Mines*, Bulletin 85, 105 pages.

## **8.0 STATEMENT of QUALIFICATIONS**

I James G.M. Thom certify that:

I am an independent consulting geologist residing at 105 -1290 west 11<sup>th</sup> ave, Vancouver BC, V6H 1K5 and can be contacted at thomjgm@gmail.com

I obtained a B.Sc. in Earth and Ocean Sciences at the University of Victoria [2002] and graduated with a M.Sc. in Geology from the University of Toronto [2003].

I have worked in the mineral exploration industry since 1999

I supervised the 2009 exploration program described in this report

I have no direct or indirect interest in the property herein

X James Thom January 31<sup>st</sup> 2010

## 9.0 STATEMENT OF COSTS

### 9.1 SOW: 4360114: Collection of Verification Samples – Forgold Main Grid

Project mobilization (Vancouver to Bob Quin ) Pro-rated as part of a larger exploration program	\$ 900.00
Technical support for access to the Eskay Mine Road (Kilometer 54) Pro-rated as part of a larger exploration program	570.00
Equipment charges for verification sampling program -GPS, sat phone, geochemical sampling supplies, augers etc.	500.00
Helicopter charter costs (provided by Lakelse Air, Terrace) August 26, 2009: 1.2 hours charged @ \$2,018 (all inclusive) August 28, 2009: 1.2 hours charged @ \$2,018 (all inclusive)	4,843.20
Geological personnel C. von Einsiedel: 3.2 days including pro-rated mobilization costs James Thom: 3.2 days including pro-rated mobilization costs	1,920.00 1,408.00
Total Charges for this filing:	<u>\$ 10,141.20</u>

Note: technical reporting and assay costs included in subsequent SOW 4465983

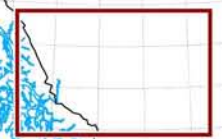
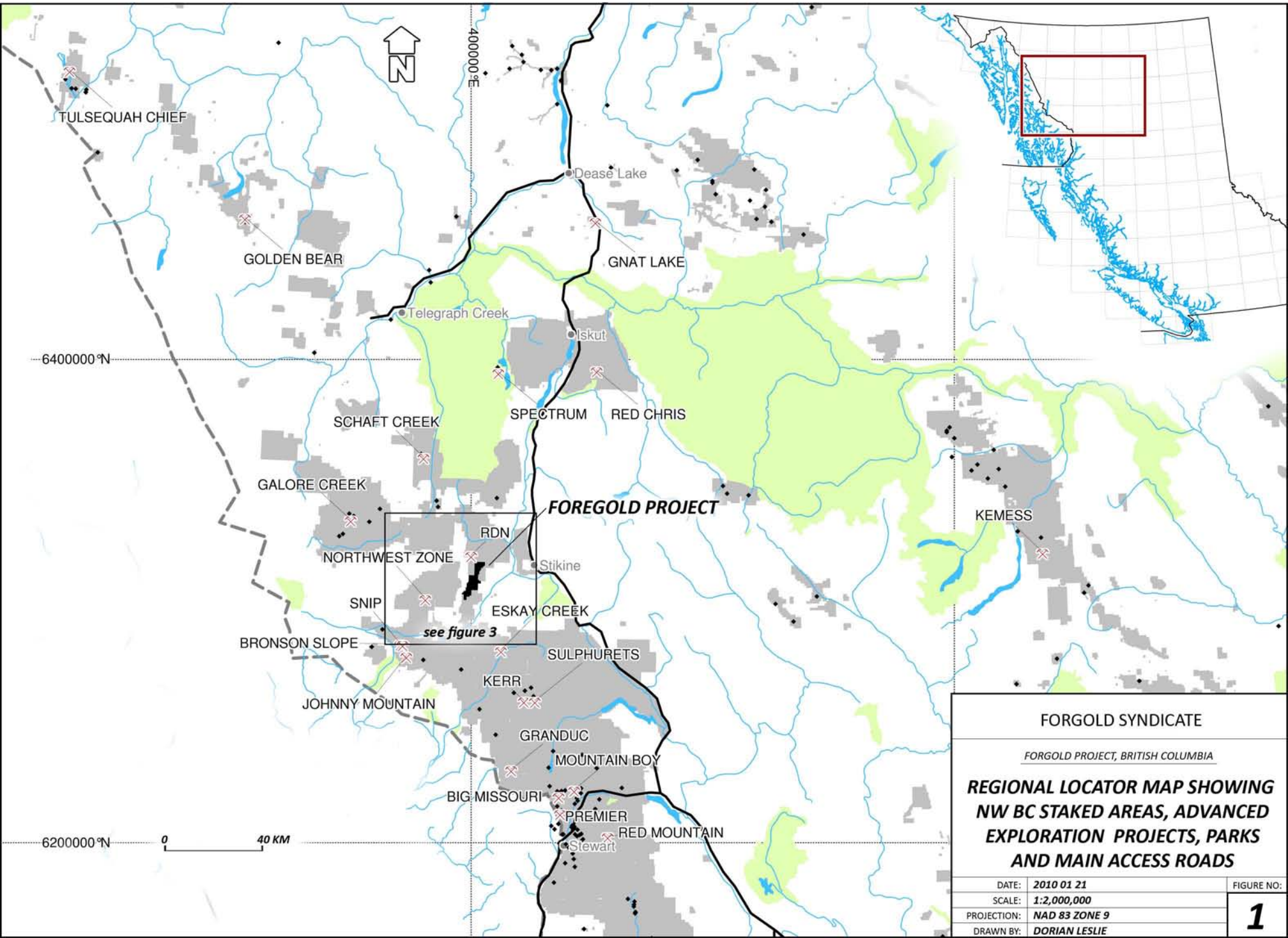
## 9.2 SOW: 4465983: Assay of Verification Samples and GIS Compilation of the historic Forgold Main Grid Geochemical Survey

ALS Chemex charges for analysis of verification samples:	\$ 1,146.57
Evaluation of Ecstall / Gold Fields Canadian Mining technical reports and Compilation of 1991 soil geochemical data (1,478 samples)	
Geological personnel	
-C. von Einsiedel: 1.2 days including pro-rated mobilization costs	720.00
-James Thom: 3.0 days including pro-rated mobilization costs	1,200.00
GIS qualified personnel (preparation of technical drawings)	
-Dorian Leslie Mapping: 26 hours @ \$60	1,560.00
Preparation of technical Report for SOW 4465983	
-C. von Einsiedel: 0.5 days including pro-rated mobilization costs	300.00
-James Thom: 2.0 days including pro-rated mobilization costs	800.00
Charges for printing large format and report copies	313.66
Total Charges for this filing:	<u>\$ 6,040.23</u>

# **APPENDIX 1a**

**-Figures-**





TULSEQUAH CHIEF

GOLDEN BEAR

Dease Lake

GNAT LAKE

6400000 N

400000 E

Telegraph Creek

Iskut

SCHAFT CREEK

SPECTRUM

RED CHRIS

GALORE CREEK

**FOREGOLD PROJECT**

KEMESS

NORTHWEST ZONE

RDN

Stikine

SNIP

ESKAY CREEK

see figure 3

BRONSON SLOPE

SULPHURETS

JOHNNY MOUNTAIN

KERR

GRANDUC

MOUNTAIN BOY

BIG MISSOURI

PREMIER

RED MOUNTAIN

6200000 N 0 40 KM

Stewart

**FORGOLD SYNDICATE**

*FORGOLD PROJECT, BRITISH COLUMBIA*

**REGIONAL LOCATOR MAP SHOWING  
NW BC STAKED AREAS, ADVANCED  
EXPLORATION PROJECTS, PARKS  
AND MAIN ACCESS ROADS**

DATE: 2010 01 21

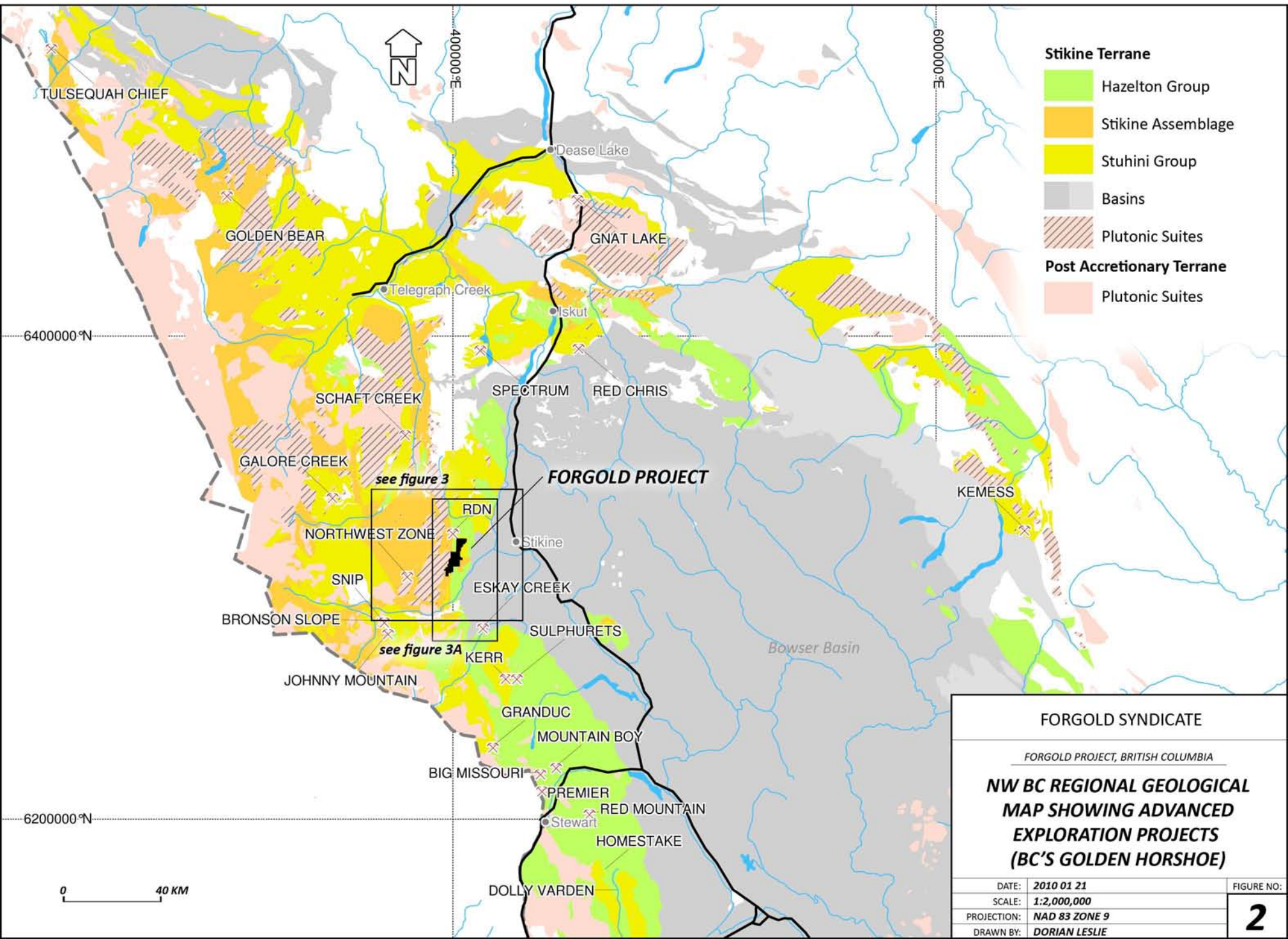
SCALE: 1:2,000,000

PROJECTION: NAD 83 ZONE 9

DRAWN BY: DORIAN LESLIE

FIGURE NO:

**1**



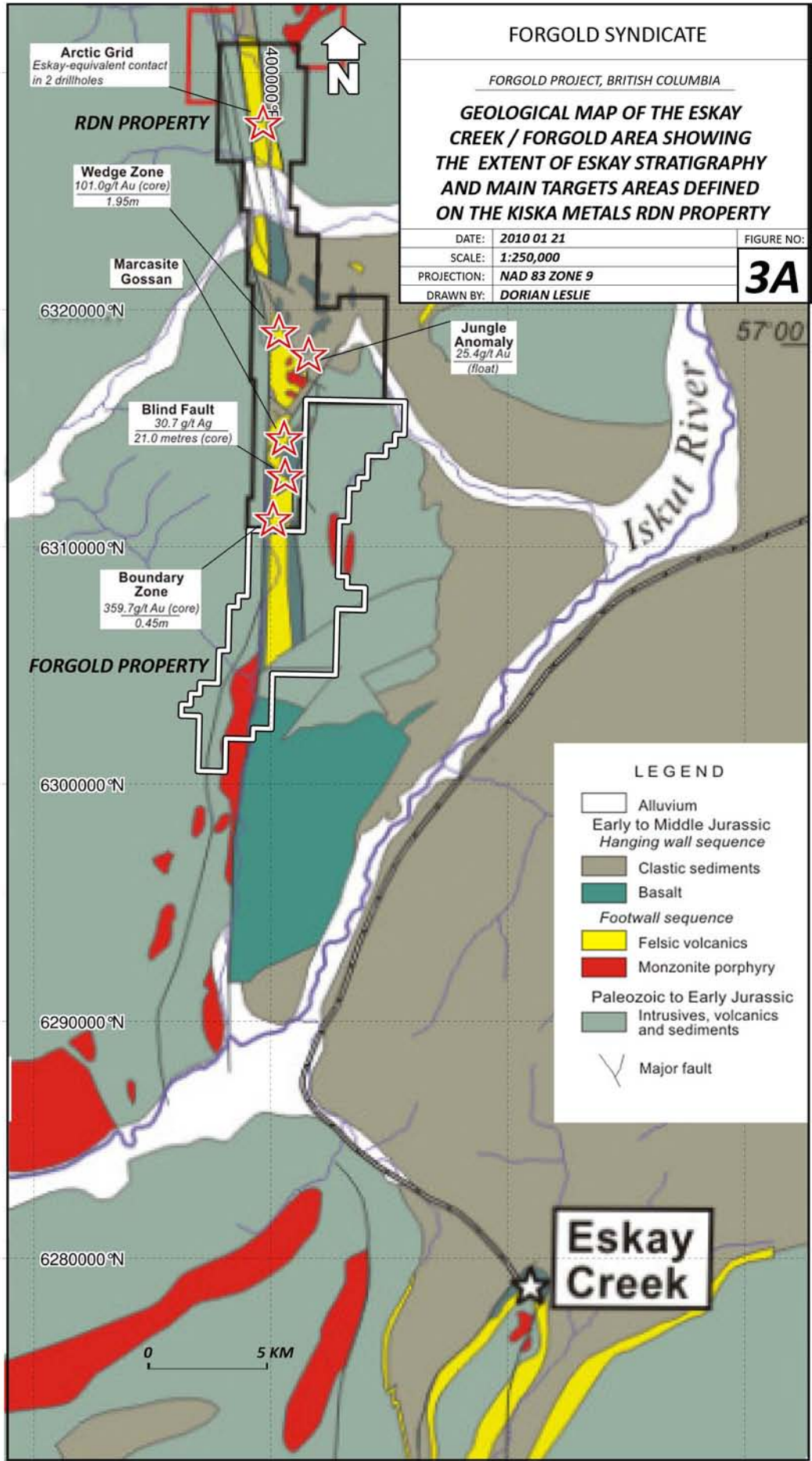
- Stikine Terrane**
- Hazelton Group
  - Stikine Assemblage
  - Stuhini Group
  - Basins
  - Plutonic Suites
- Post Accretionary Terrane**
- Plutonic Suites

**FORGOLD SYNDICATE**

*FORGOLD PROJECT, BRITISH COLUMBIA*

**NW BC REGIONAL GEOLOGICAL  
MAP SHOWING ADVANCED  
EXPLORATION PROJECTS  
(BC'S GOLDEN HORSHOE)**

DATE: 2010 01 21	FIGURE NO:
SCALE: 1:2,000,000	2
PROJECTION: NAD 83 ZONE 9	
DRAWN BY: DORIAN LESLIE	



**FORGOLD SYNDICATE**

FORGOLD PROJECT, BRITISH COLUMBIA

**GEOLOGICAL MAP OF THE ESKAY CREEK / FORGOLD AREA SHOWING THE EXTENT OF ESKAY STRATIGRAPHY AND MAIN TARGETS AREAS DEFINED ON THE KISKA METALS RDN PROPERTY**

DATE:	2010 01 21	FIGURE NO:	<b>3A</b>
SCALE:	1:250,000		
PROJECTION:	NAD 83 ZONE 9		
DRAWN BY:	DORIAN LESLIE		

**Arctic Grid**  
Eskay-equivalent contact in 2 drillholes

**Wedge Zone**  
101.0g/t Au (core)  
1.95m

**Marcasite Gossan**

**Blind Fault**  
30.7 g/t Ag  
21.0 metres (core)

**Boundary Zone**  
359.7g/t Au (core)  
0.45m

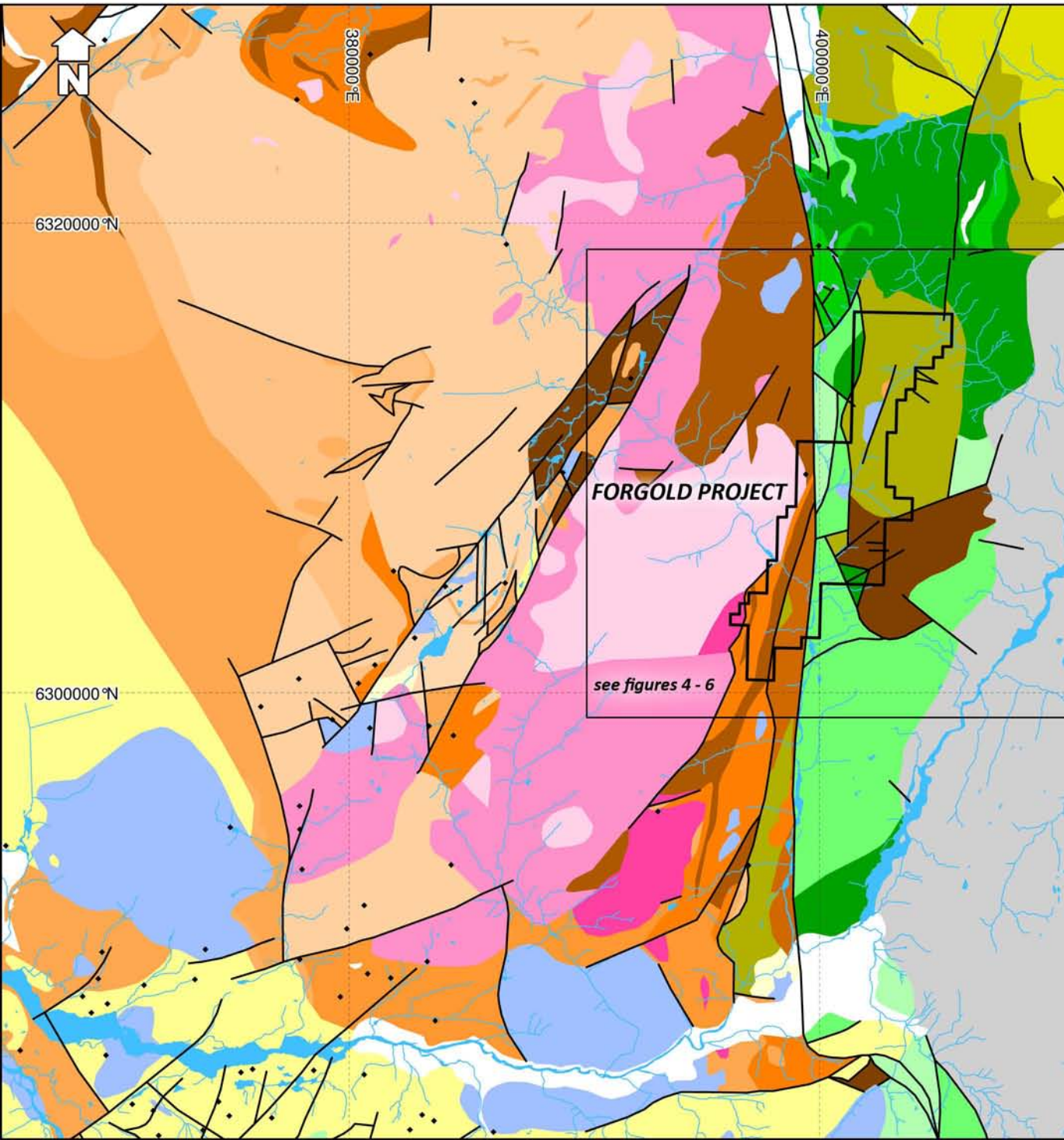
**Jungle Anomaly**  
25.4g/t Au (float)

**LEGEND**

- Alluvium
- Early to Middle Jurassic Hanging wall sequence
- Clastic sediments
- Basalt
- Footwall sequence**
- Felsic volcanics
- Monzonite porphyry
- Paleozoic to Early Jurassic**
- Intrusives, volcanics and sediments
- Major fault

**Eskay Creek**

0 5 KM



**Stikine Terrane**

Stikine intrusives by rock type

- dioritic intrusive rocks
- intrusive rocks, undivided
- quartz dioritic intrusive rocks

Hazelton group by rock type

- andesitic volcanic rocks
- basaltic volcanic rocks
- calc-alkaline volcanic rocks
- mudstone, siltstone, shale fine clastic sedimentary rocks

Stuhini group by rock type

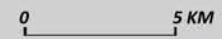
- coarse clastic sedimentary rocks
- marine sedimentary and volcanic rocks
- undivided sedimentary rocks
- undivided volcanic rocks

Stikine assemblage by rock type

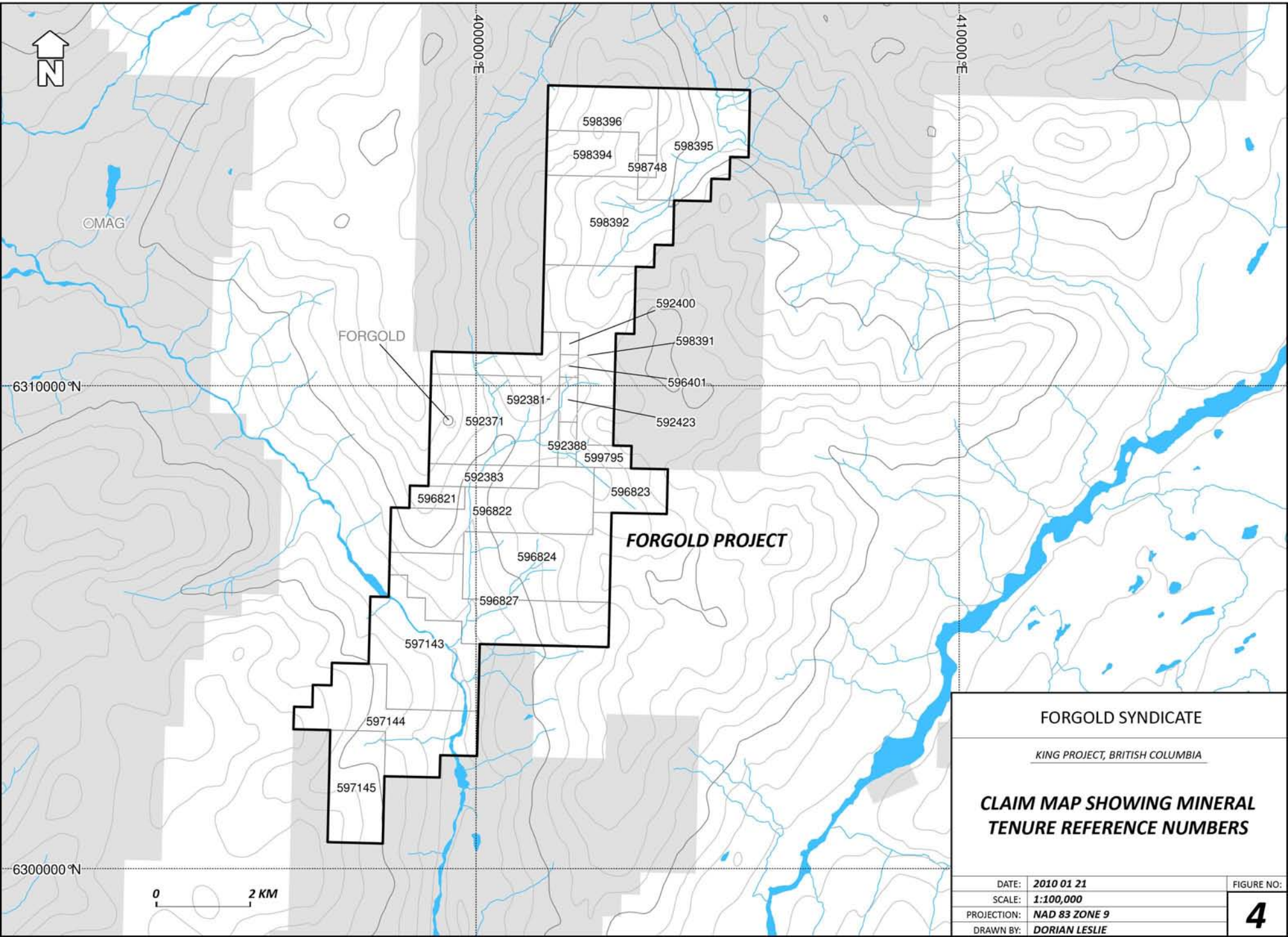
- andesitic volcanic rocks
- basaltic volcanic rocks
- conglomerate, coarse clastic sedimentary rocks
- limestone, marble, calcareous sedimentary rocks
- marine sedimentary and volcanic rocks
- metamorphic rocks, undivided
- mudstone, siltstone, shale fine clastic sedimentary rocks
- mylonitic metamorphic rocks
- undivided volcanic rocks
- volcanoclastic rocks

**Post Accretionary Terrane**

- intrusive rocks



<b>FORGOLD SYNDICATE</b>		
<i>FORGOLD PROJECT, BRITISH COLUMBIA</i>		
<b>GEOLOGICAL MAP OF THE FORGOLD PROJECT AREA BASED ON BCMEM PUBLICATIONS</b>		
DATE: 2010 01 21	FIGURE NO:	
SCALE: 1:250,000	<b>3</b>	
PROJECTION: NAD 83 ZONE 9		
DRAWN BY: DORIAN LESLIE		



OMAG

FORGOLD

**FORGOLD PROJECT**

6310000 N

6300000 N

400000 E

410000 E



<b>FORGOLD SYNDICATE</b>		
<i>KING PROJECT, BRITISH COLUMBIA</i>		
<b>CLAIM MAP SHOWING MINERAL TENURE REFERENCE NUMBERS</b>		
DATE:	2010 01 21	FIGURE NO:
SCALE:	1:100,000	<b>4</b>
PROJECTION:	NAD 83 ZONE 9	
DRAWN BY:	DORIAN LESLIE	



400000E

410000E

6310000 N

6300000 N

0 2 KM

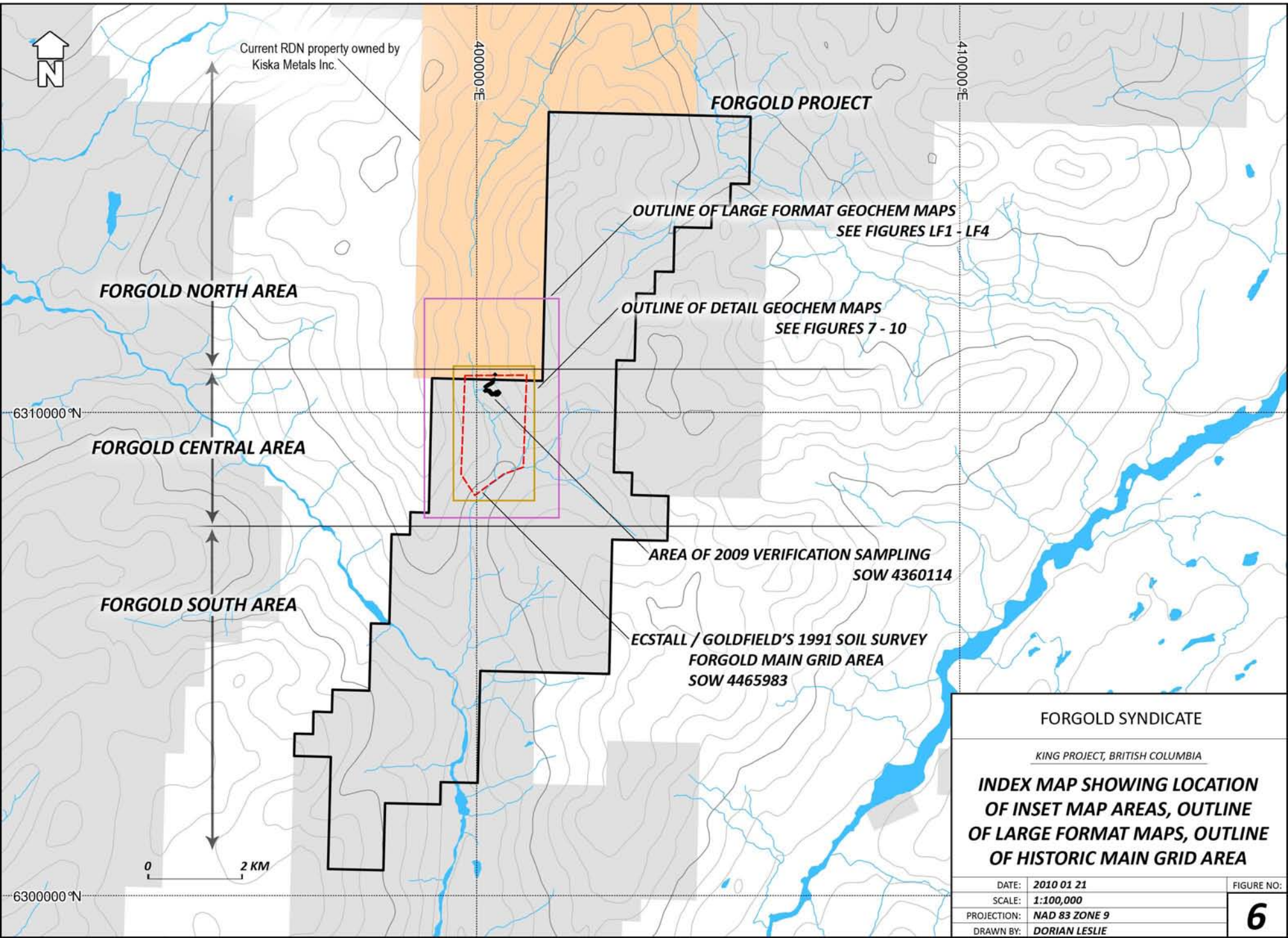
- FORGOLD NORTH AREA**  
Historic For property 1989 - 1992  
ARIS no. 19634, 20598 & 22102
- FORGOLD CENTRAL AREA**  
Historic Forgold property 1990 - 1992  
ARIS no. 20540, 20722, 21868 & 22623
- FORGOLD SOUTH AREA**  
Historic Rest property
- Historic FK property 1990  
ARIS no. 20932
- Historic Best Bet property 1990  
ARIS no. 20533
- Historic Rest property 2003  
ARIS no. 27172
- Historic Glimmer property 1991  
ARIS no. 21016

**FORGOLD SYNDICATE**

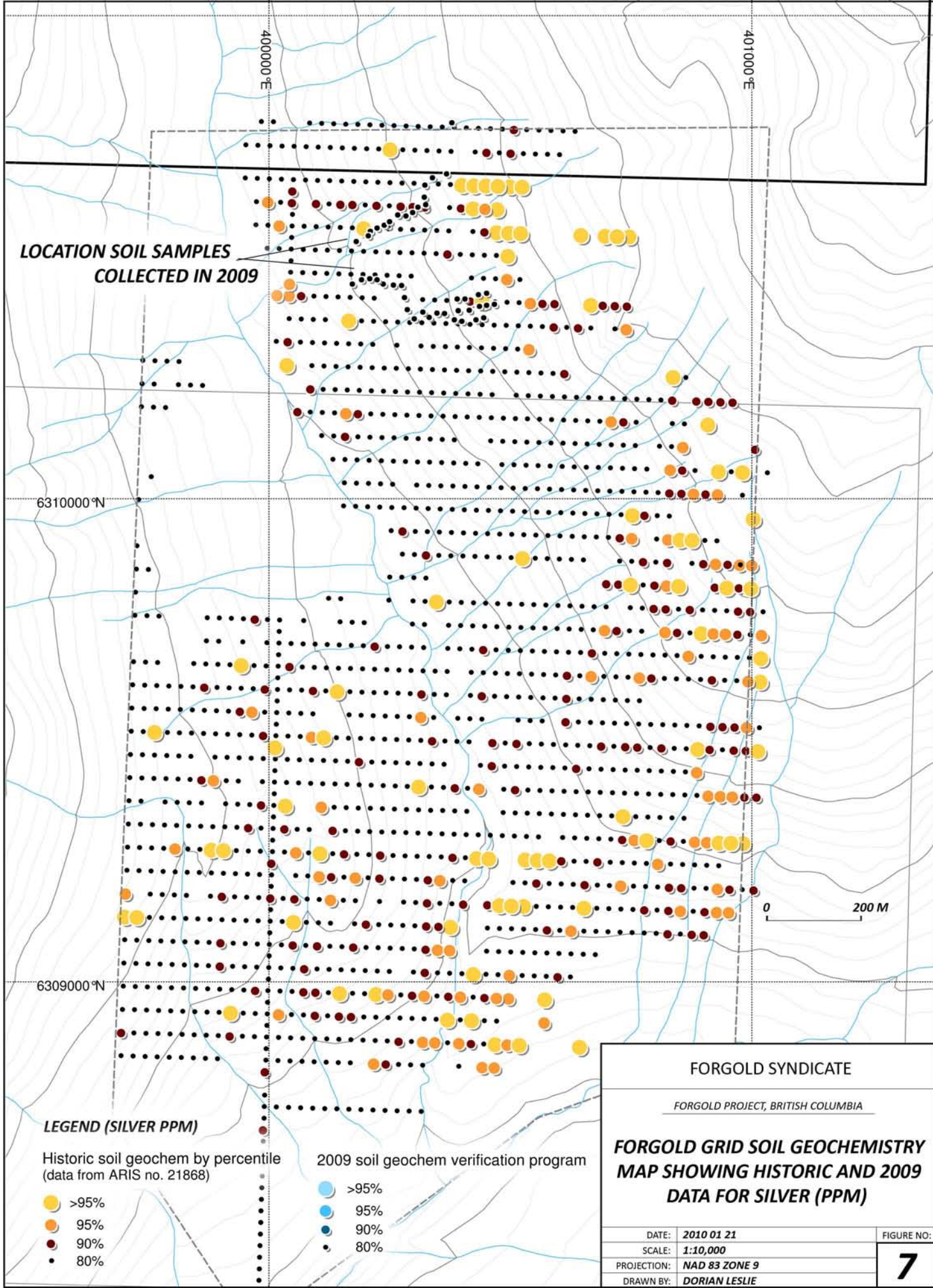
*KING PROJECT, BRITISH COLUMBIA*

**COMPILATION MAP SHOWING  
OUTLINE OF HISTORIC EXPLORATION  
PROPERTIES LOCATED WITHIN THE  
CURRENT FORGOLD PROPERTY**

DATE:	2010 01 21	FIGURE NO:
SCALE:	1:100,000	<b>5</b>
PROJECTION:	NAD 83 ZONE 9	
DRAWN BY:	DORIAN LESLIE	



<b>FORGOLD SYNDICATE</b>		
<i>KING PROJECT, BRITISH COLUMBIA</i>		
<b>INDEX MAP SHOWING LOCATION OF INSET MAP AREAS, OUTLINE OF LARGE FORMAT MAPS, OUTLINE OF HISTORIC MAIN GRID AREA</b>		
DATE:	2010 01 21	FIGURE NO:
SCALE:	1:100,000	<b>6</b>
PROJECTION:	NAD 83 ZONE 9	
DRAWN BY:	DORIAN LESLIE	



**LOCATION SOIL SAMPLES  
COLLECTED IN 2009**

**LEGEND (SILVER PPM)**

Historic soil geochem by percentile  
(data from ARIS no. 21868)

- >95%
- 95%
- 90%
- 80%

2009 soil geochem verification program

- >95%
- 95%
- 90%
- 80%

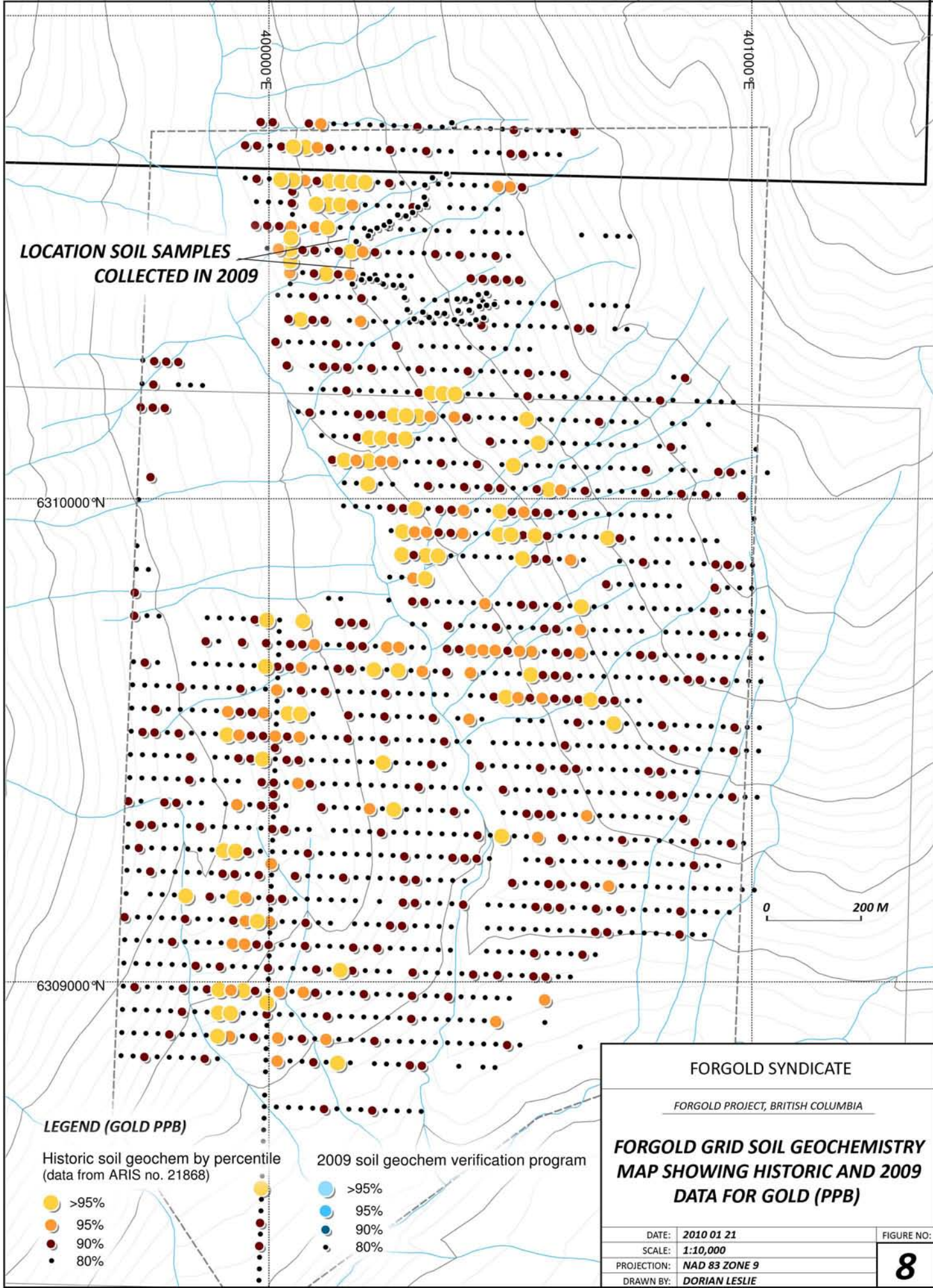
**FORGOLD SYNDICATE**

*FORGOLD PROJECT, BRITISH COLUMBIA*

**FORGOLD GRID SOIL GEOCHEMISTRY  
MAP SHOWING HISTORIC AND 2009  
DATA FOR SILVER (PPM)**

DATE:	2010 01 21	FIGURE NO:
SCALE:	1:10,000	<b>7</b>
PROJECTION:	NAD 83 ZONE 9	
DRAWN BY:	DORIAN LESLIE	





**LOCATION SOIL SAMPLES  
COLLECTED IN 2009**

6310000°N

6309000°N

0 200 M

**LEGEND (GOLD PPB)**

Historic soil geochem by percentile  
(data from ARIS no. 21868)

- >95%
- 95%
- 90%
- 80%

2009 soil geochem verification program

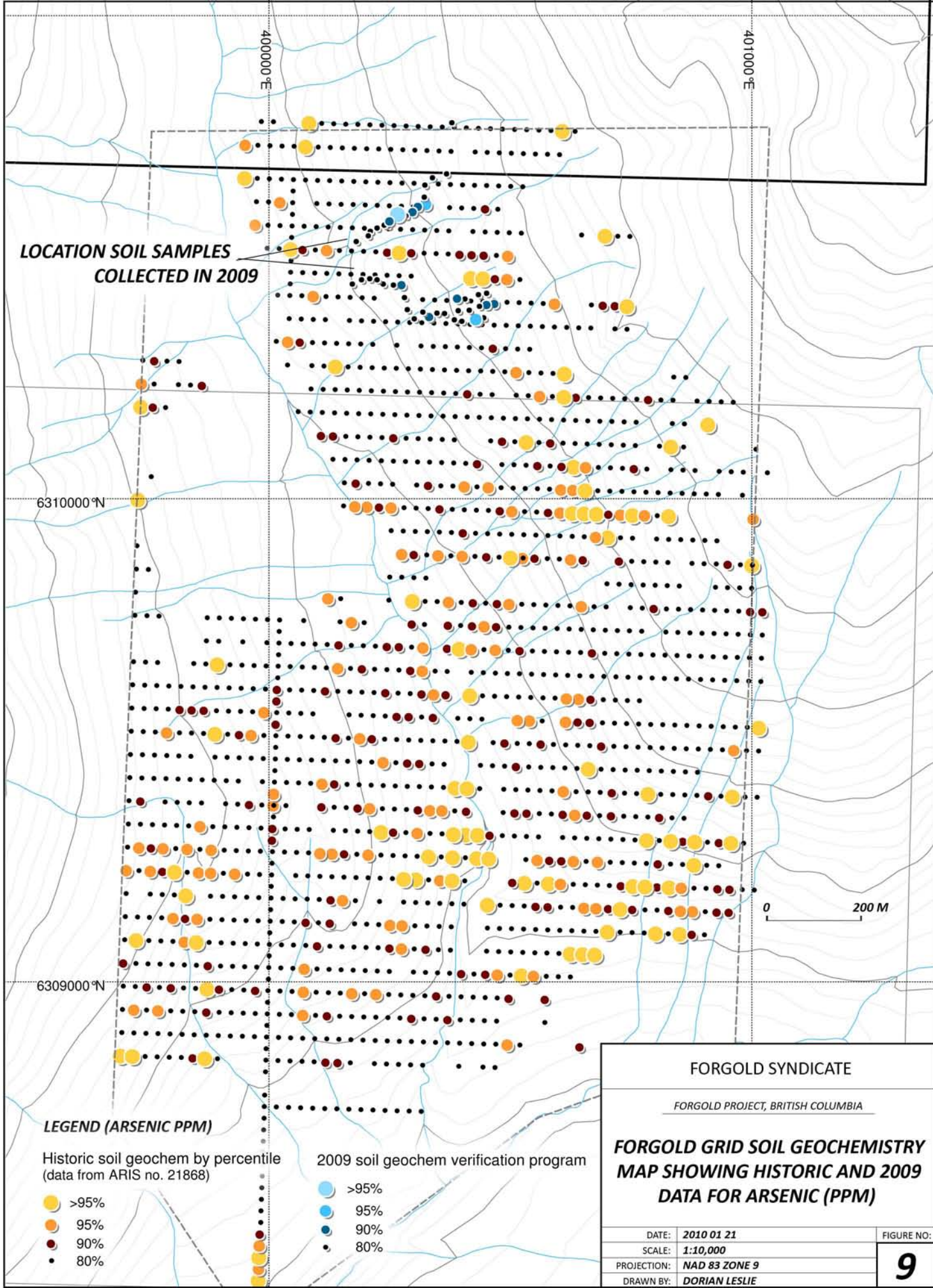
- >95%
- 95%
- 90%
- 80%

**FORGOLD SYNDICATE**

*FORGOLD PROJECT, BRITISH COLUMBIA*

**FORGOLD GRID SOIL GEOCHEMISTRY  
MAP SHOWING HISTORIC AND 2009  
DATA FOR GOLD (PPB)**

DATE:	2010 01 21	FIGURE NO:	<b>8</b>
SCALE:	1:10,000		
PROJECTION:	NAD 83 ZONE 9		
DRAWN BY:	DORIAN LESLIE		



**LOCATION SOIL SAMPLES  
COLLECTED IN 2009**

6310000°N

6309000°N

0 200 M

**LEGEND (ARSENIC PPM)**

Historic soil geochem by percentile  
(data from ARIS no. 21868)

- >95%
- 95%
- 90%
- 80%

2009 soil geochem verification program

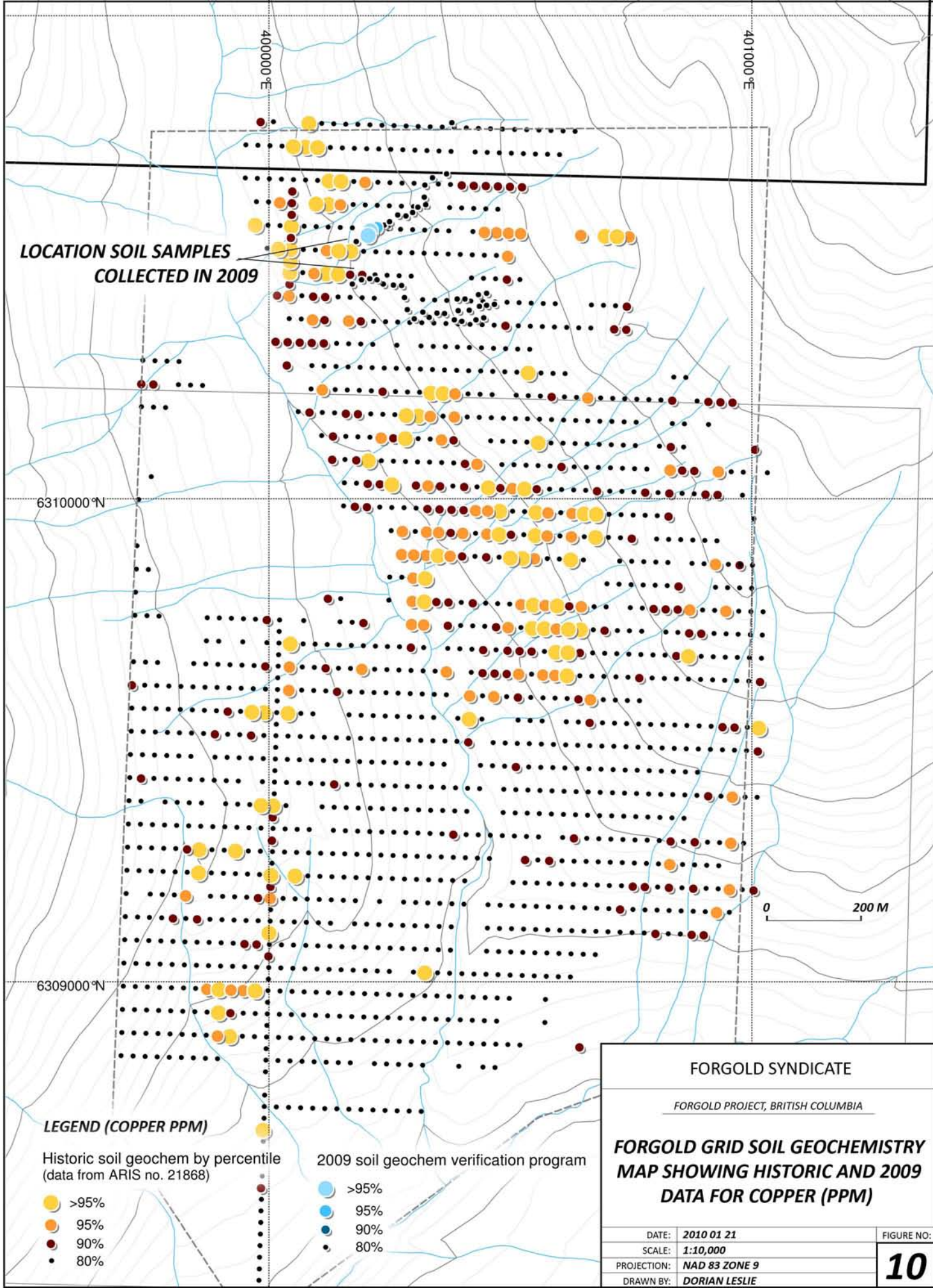
- >95%
- 95%
- 90%
- 80%

FORGOLD SYNDICATE

FORGOLD PROJECT, BRITISH COLUMBIA

**FORGOLD GRID SOIL GEOCHEMISTRY  
MAP SHOWING HISTORIC AND 2009  
DATA FOR ARSENIC (PPM)**

DATE:	2010 01 21	FIGURE NO:	<b>9</b>
SCALE:	1:10,000		
PROJECTION:	NAD 83 ZONE 9		
DRAWN BY:	DORIAN LESLIE		



**LOCATION SOIL SAMPLES  
COLLECTED IN 2009**

6310000°N

6309000°N

400000°E

401000°E

0 200 M

**LEGEND (COPPER PPM)**

Historic soil geochem by percentile  
(data from ARIS no. 21868)

- >95%
- 95%
- 90%
- 80%

2009 soil geochem verification program

- >95%
- 95%
- 90%
- 80%

**FORGOLD SYNDICATE**

*FORGOLD PROJECT, BRITISH COLUMBIA*

**FORGOLD GRID SOIL GEOCHEMISTRY  
MAP SHOWING HISTORIC AND 2009  
DATA FOR COPPER (PPM)**

DATE:	2010 01 21	FIGURE NO:
SCALE:	1:10,000	<b>10</b>
PROJECTION:	NAD 83 ZONE 9	
DRAWN BY:	DORIAN LESLIE	

# **APPENDIX 1b**

**-Large Format Figures-**



**LEGEND (SILVER PPM)**

Historic soil geochem by percentile  
(data from ARIS no. 21868)

- >95%
- 95%
- 90%
- 80%

2009 soil geochem verification program

- >95%
- 95%
- 90%
- 80%

**FORGOLD SYNDICATE**

FORGOLD PROJECT, BRITISH COLUMBIA

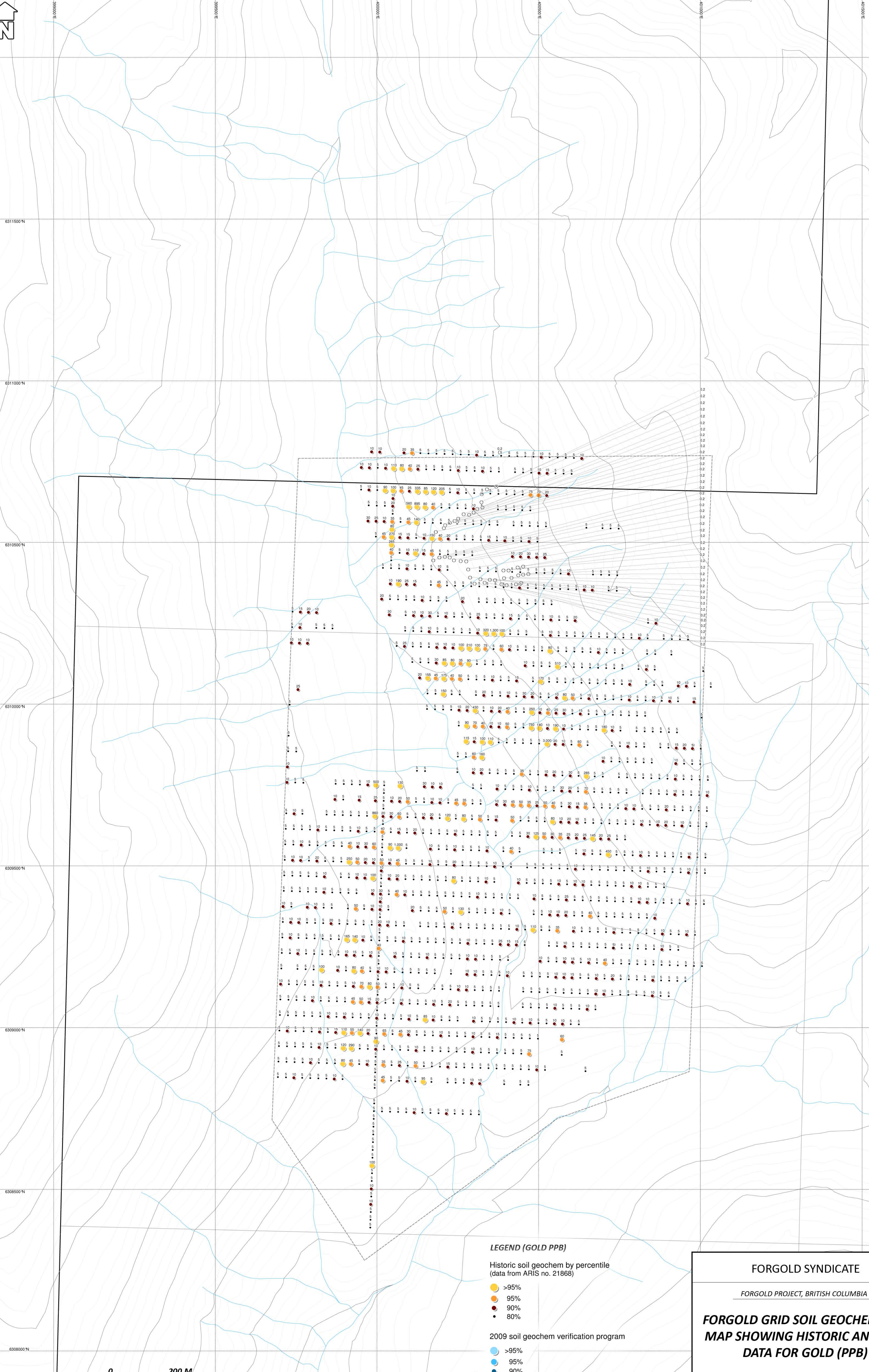
**FORGOLD GRID SOIL GEOCHEMISTRY  
MAP SHOWING HISTORIC AND 2009  
DATA FOR SILVER (PPM)**

DATE: 2010 01 21 FIGURE NO:

SCALE: 1:5,000

PROJECTION: NAD 83 ZONE 9 **LF 1**

DRAWN BY: DORIAN LESLIE



0 200 M

**LEGEND (GOLD PPB)**

Historic soil geochem by percentile  
(data from ARIS no. 21868)

- >95%
- 95%
- 90%
- 80%

2009 soil geochem verification program

- >95%
- 95%
- 90%
- 80%

FORGOLD SYNDICATE

FORGOLD PROJECT, BRITISH COLUMBIA

**FORGOLD GRID SOIL GEOCHEMISTRY  
MAP SHOWING HISTORIC AND 2009  
DATA FOR GOLD (PPB)**

DATE: 2010 01 21

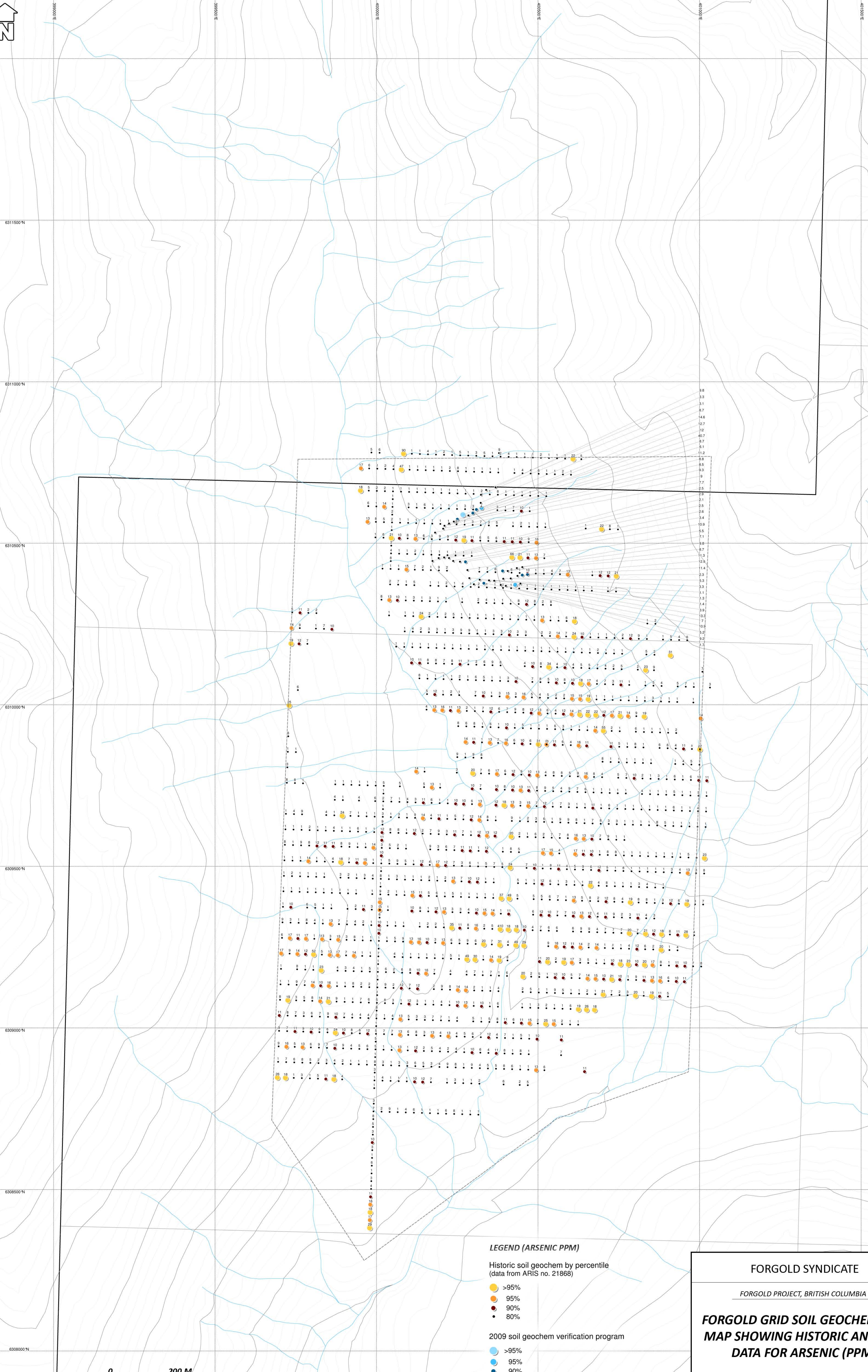
SCALE: 1:5,000

PROJECTION: NAD 83 ZONE 9

DRAWN BY: DORIAN LESLIE

FIGURE NO:

**LF 2**



**LEGEND (ARSENIC PPM)**

Historic soil geochem by percentile  
(data from ARIS no. 21868)

- >95%
- 95%
- 90%
- 80%

2009 soil geochem verification program

- >95%
- 95%
- 90%
- 80%

**FORGOLD SYNDICATE**

FORGOLD PROJECT, BRITISH COLUMBIA

**FORGOLD GRID SOIL GEOCHEMISTRY  
MAP SHOWING HISTORIC AND 2009  
DATA FOR ARSENIC (PPM)**

DATE: 2010 01 21

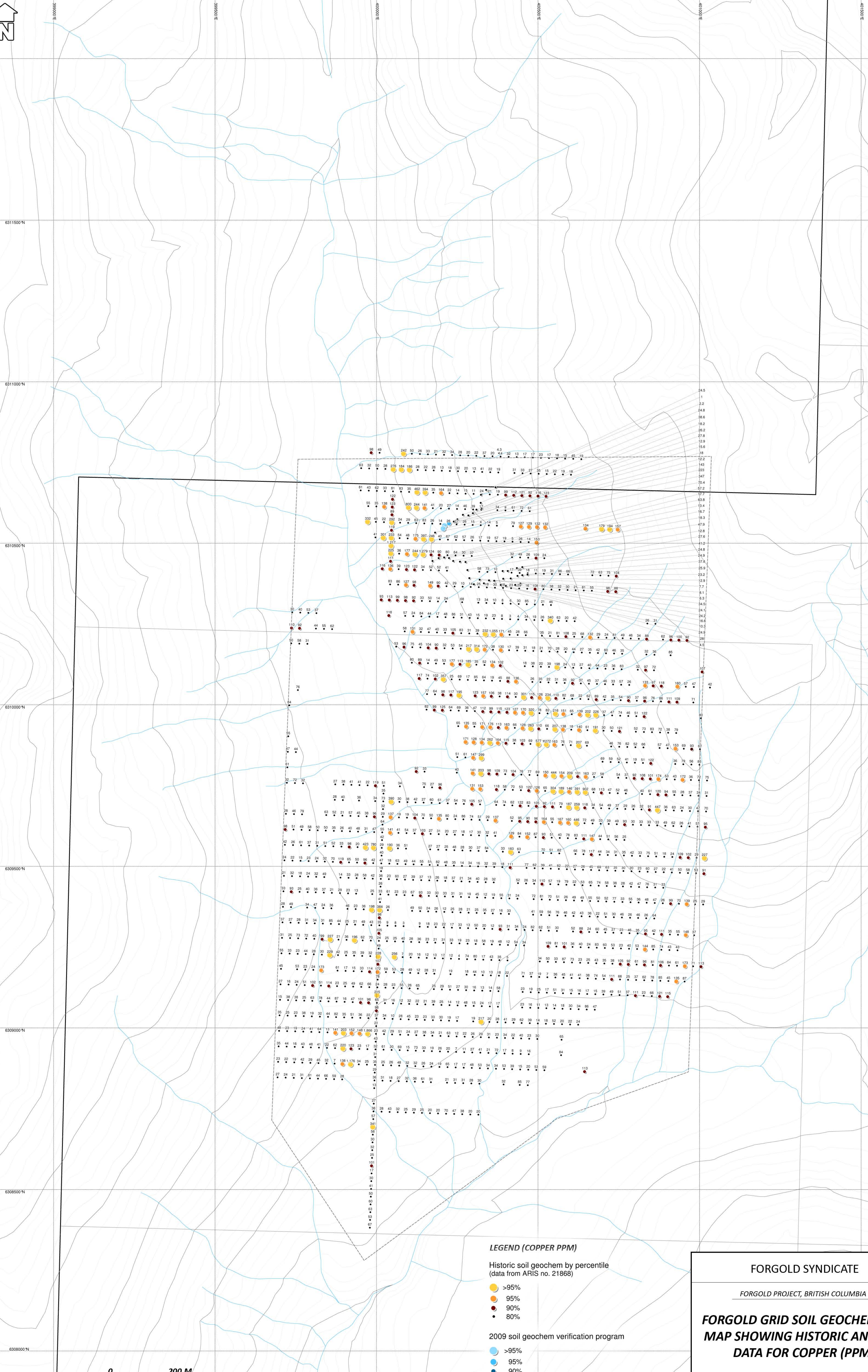
SCALE: 1:5,000

PROJECTION: NAD 83 ZONE 9

DRAWN BY: DORIAN LESLIE

FIGURE NO:

**LF 3**



**LEGEND (COPPER PPM)**

Historic soil geochem by percentile  
(data from ARIS no. 21868)

- >95%
- 95%
- 90%
- 80%

2009 soil geochem verification program

- >95%
- 95%
- 90%
- 80%

**FORGOLD SYNDICATE**

FORGOLD PROJECT, BRITISH COLUMBIA

**FORGOLD GRID SOIL GEOCHEMISTRY  
MAP SHOWING HISTORIC AND 2009  
DATA FOR COPPER (PPM)**

DATE: 2010 01 21

SCALE: 1:5,000

PROJECTION: NAD 83 ZONE 9

DRAWN BY: DORIAN LESLIE

FIGURE NO:

**LF 4**



# **APPENDIX 2**

**-Verification Soil Location and  
Geochemistry-**

VA09107449 - Finalized

CLIENT : "PJA - Ram Exploration Ltd."

# of SAMPLES : 46

DATE RECEIVED : 2009-09-29 DATE FINALIZED : 2009-10-21

PROJECT : "FOR GOLD"

CERTIFICATE COMMENTS : "ME-MS41:Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). "

PO NUMBER : " "

SAMPLE DESCRIPTION	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm
6310780N 400380E	0.07	0.27	9	<0.2	<10	890	0.07	5.41	0.03	0.01	5.81
6310674N 400369E	0.13	2.07	9.8	<0.2	<10	160	1.63	0.83	0.11	0.3	92.7
6310666N 400340E	0.06	0.22	3.3	<0.2	<10	680	0.06	1.04	0.03	<0.01	16
6310651N 400324E	0.25	0.3	3.1	<0.2	<10	610	0.1	0.28	0.01	<0.01	32.1
6310626N 400323E	0.53	1.57	8.7	<0.2	<10	120	0.89	0.31	0.11	0.24	52.6
6310610N 400326E	0.34	1.87	14.6	<0.2	<10	120	0.94	0.18	0.08	0.26	35.1
6310605N 400310E	0.33	1.85	12.7	<0.2	<10	120	1.48	0.12	0.12	0.37	60.5
6310594N 400299E	0.11	0.93	12	<0.2	<10	410	0.97	0.15	0.11	0.12	50.2
6310587N 400285E	0.29	2.01	8.7	<0.2	<10	380	2	0.29	0.15	0.31	113
6310589N 400268E	0.12	1.57	40.7	<0.2	<10	230	1.38	0.13	0.16	0.23	73.6
6310566N 400248E	0.1	2.14	8.8	<0.2	<10	130	1.05	0.24	0.03	0.19	76.6
6310568N 400240E	0.08	2.04	6.1	<0.2	<10	140	1.18	0.19	0.07	0.1	75.7
6310562N 400225E	0.2	1.96	8.5	<0.2	<10	140	0.71	0.7	0.07	0.19	64.8
6310555N 400211E	0.15	1.88	9.3	<0.2	<10	150	1.03	0.31	0.05	0.22	96.6
6310546N 400207E	0.4	2.49	9	<0.2	<10	100	0.96	0.96	0.03	0.19	72.6
6310534N 400182E	0.26	2.35	7.7	<0.2	<10	150	1.74	0.39	0.1	0.23	89.3
6310376N 400446E	0.07	1.22	3.9	<0.2	<10	470	0.89	0.2	0.14	0.17	63.7
6310372N 400430E	0.21	2.47	13.3	<0.2	<10	170	1.8	0.37	0.27	0.48	137
6310369N 400401E	0.23	1.72	9.2	<0.2	<10	110	0.7	0.19	0.14	0.25	47.6
6310372N 400385E	0.05	1.36	1.7	<0.2	<10	90	0.74	0.07	0.09	0.13	42.6
6310374N 400302E	0.34	0.77	5.2	<0.2	<10	870	1.47	0.09	0.26	0.81	72.6
6310404N 400468E	0.33	2.69	12.9	<0.2	<10	300	0.85	0.27	0.28	0.61	45.1
6310402N 400452E	0.18	2.33	11.4	<0.2	<10	180	0.87	0.22	0.12	0.36	31.5
6310400N 400437E	0.06	0.85	2.3	<0.2	<10	120	0.75	0.19	0.01	0.06	49.5

VA09107449 - Finalized

CLIENT : "PJA - Ram Exploration Ltd."

# of SAMPLES : 46

DATE RECEIVED : 2009-09-29 DATE FINALIZED : 2009-10-21

PROJECT : "FOR GOLD"

CERTIFICATE COMMENTS : "ME-MS41:Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). "

PO NUMBER : " "

SAMPLE DESCRIPTION	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm
6310392N 400416E	0.14	1.35	5.3	<0.2	<10	170	0.8	0.17	0.12	0.16	32.9
6310391N 400393E	0.04	1.75	3.3	<0.2	<10	110	0.62	0.19	0.05	0.19	37.8
6310385N 400365E	0.02	0.62	1.1	<0.2	<10	70	0.48	0.04	0.15	0.04	40.7
6310386N 400349E	0.04	1.24	1.3	<0.2	<10	140	0.69	0.04	0.03	0.03	34.7
6310377N 400333E	0.06	0.6	10.9	<0.2	<10	320	1.21	0.07	0.04	0.14	51.1
6310388N 400320E	0.18	1.38	7	<0.2	<10	290	0.92	0.2	0.11	0.43	46.1
6310393N 400288E	0.21	0.68	1.4	<0.2	<10	300	0.71	0.11	0.37	0.16	36.6
6310427N 400452E	0.41	1.74	7.1	<0.2	<10	320	1.54	0.25	0.33	0.38	54
6310424N 400435E	0.17	1.62	9.8	<0.2	<10	110	0.75	0.15	0.22	0.37	45.7
6310415N 400407E	0.13	2.46	8.7	<0.2	<10	130	0.77	0.33	0.08	0.34	52.7
6310415N 400391E	0.13	1.88	11.3	<0.2	<10	90	0.57	0.26	0.11	0.3	39.2
6310418N 400282E	0.13	1.32	5.5	<0.2	<10	210	0.93	0.15	0.03	0.1	62.1
6310443N 400276E	0.41	0.97	10.9	<0.2	<10	370	1	0.33	0.46	0.27	43.9
6310444N 400259E	0.17	1.41	3.4	<0.2	<10	270	0.94	0.1	0.44	0.12	49.6
6310446N 400238E	0.13	1.38	2.6	<0.2	<10	300	0.77	0.08	0.4	0.1	43.4
6310455N 400225E	0.1	0.86	2.5	<0.2	<10	240	0.9	0.13	0.44	0.09	49.1
6310457N 400210E	0.12	1.12	2.9	<0.2	<10	270	0.9	0.17	0.39	0.16	47.8
6310455N 400193E	0.1	1.05	2.5	<0.2	<10	250	0.88	0.15	0.34	0.07	48.3
6310446N 400174E	0.07	1.2	2.1	<0.2	<10	270	0.85	0.13	0.35	0.05	49.5
6310575N 400251E	0.13	1.69	11.2	<0.2	<10	180	1.07	0.23	0.07	0.22	75.2

VA09107449 - Finalized

CLIENT : "PJA - Ram Exploration Ltd."

# of SAMPLES : 46

DATE RECEIVED : 2009-09-29 DATE FINALIZED : 2009-10-21

PROJECT : "FOR GOLD"

CERTIFICATE COMMENTS : "ME-MS41:Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). "

PO NUMBER : " "

SAMPLE DESCRIPTION	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm	ME-MS41 Cu ppm	ME-MS41 Fe %	ME-MS41 Ga ppm	ME-MS41 Ge ppm	ME-MS41 Hf ppm	ME-MS41 Hg ppm	ME-MS41 In ppm	ME-MS41 K %
6310780N 400380E	0.6	1	3.13	4.3	2.28	0.99	0.05	<0.02	0.1	0.014	0.15
6310674N 400369E	13.8	10	2.7	24.5	4.55	8.07	0.11	0.11	0.15	0.046	0.08
6310666N 400340E	0.1	<1	2.69	1	0.28	0.66	<0.05	<0.02	0.27	<0.005	0.09
6310651N 400324E	1.1	2	2.58	2.2	0.78	0.9	0.05	<0.02	0.18	0.005	0.11
6310626N 400323E	11.3	9	1.46	24.8	3.92	3.16	0.09	0.07	0.16	0.024	0.08
6310610N 400326E	14.3	19	2.3	38.6	4.19	5.33	0.08	0.03	0.12	0.033	0.09
6310605N 400310E	14.6	6	1.77	18.2	4.29	3.94	0.09	0.14	0.1	0.023	0.08
6310594N 400299E	11.4	2	1.39	26.2	2.79	1.47	0.07	0.05	0.08	0.015	0.08
6310587N 400285E	10.9	10	1.81	12.9	5.13	14.2	0.1	0.09	0.07	0.087	0.08
6310589N 400268E	13.9	2	3.18	27.8	4.81	3.65	0.1	0.12	0.36	0.033	0.1
6310566N 400248E	12.6	9	1.84	12.2	4.41	9.2	0.1	0.04	0.09	0.051	0.11
6310568N 400240E	11	7	1.63	15.6	3.58	7.53	0.1	0.09	0.08	0.036	0.1
6310562N 400225E	13.1	10	1.29	143	4.05	4.28	0.08	0.07	0.09	0.04	0.07
6310555N 400211E	11.9	8	1.87	223	4.21	5.29	0.11	0.14	0.14	0.038	0.09
6310546N 400207E	12.7	11	1.9	347	4.99	10.8	0.11	0.06	0.12	0.084	0.08
6310534N 400182E	11.3	13	1.64	70.4	4.92	15.5	0.13	0.15	0.09	0.073	0.1
6310376N 400446E	9.1	5	1.89	24.1	3.56	2.76	0.09	0.07	0.03	0.029	0.1
6310372N 400430E	11.4	12	1.42	24.2	4.8	13.2	0.12	0.24	0.09	0.058	0.07
6310369N 400401E	12.8	11	1.29	28	3.78	4.33	0.07	0.03	0.11	0.025	0.08
6310372N 400385E	5.9	6	1.66	4.5	2.38	2.4	0.06	0.05	0.03	0.029	0.07
6310374N 400302E	6.3	3	1.53	24.9	3.21	1.84	0.11	0.12	0.17	0.021	0.1
6310404N 400468E	18.9	22	1.53	37.8	4.84	4.32	0.1	0.08	0.21	0.035	0.06
6310402N 400452E	14.8	21	1.45	25.9	4.46	6	0.07	0.03	0.09	0.038	0.05
6310400N 400437E	5.7	1	1.23	23.2	2.71	1.45	0.06	0.05	0.04	0.018	0.07

VA09107449 - Finalized

CLIENT : "PJA - Ram Exploration Ltd."

# of SAMPLES : 46

DATE RECEIVED : 2009-09-29 DATE FINALIZED : 2009-10-21

PROJECT : "FOR GOLD"

CERTIFICATE COMMENTS : "ME-MS41:Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). "

PO NUMBER : " "

SAMPLE DESCRIPTION	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm	ME-MS41 Cu ppm	ME-MS41 Fe %	ME-MS41 Ga ppm	ME-MS41 Ge ppm	ME-MS41 Hf ppm	ME-MS41 Hg ppm	ME-MS41 In ppm	ME-MS41 K %
6310392N 400416E	5	11	1.2	12.9	2.82	5.61	0.06	0.02	0.07	0.026	0.07
6310391N 400393E	5.3	10	1.53	7.7	2.99	5.14	0.05	0.02	0.05	0.043	0.07
6310385N 400365E	3.7	2	1.38	8.1	1.22	1.23	<0.05	0.04	0.01	0.013	0.07
6310386N 400349E	2.5	3	1.22	6.3	1.72	2.18	<0.05	0.1	0.02	0.015	0.06
6310377N 400333E	7.7	2	1.05	10.3	3.78	1.22	0.1	0.04	0.8	0.026	0.06
6310388N 400320E	7.6	9	1.33	16.6	3.42	4.15	0.07	0.02	0.11	0.026	0.07
6310393N 400288E	3.5	3	1.84	34.5	1.89	3.02	0.07	0.02	0.04	0.017	0.12
6310427N 400452E	8.8	16	2.14	27.6	3.59	8.56	0.09	0.07	0.06	0.045	0.08
6310424N 400435E	12.1	19	1.93	41.2	4.06	4.97	0.08	0.02	0.04	0.034	0.08
6310415N 400407E	6.1	15	1.61	24.8	3.82	13.45	0.07	0.12	0.08	0.067	0.07
6310415N 400391E	10.7	16	1.77	24.9	3.94	5.27	0.07	0.04	0.08	0.047	0.07
6310418N 400282E	6.9	3	1.57	12.8	3.32	3.27	0.09	0.14	0.07	0.021	0.08
6310443N 400276E	10.9	6	2.23	47.9	4.38	2.84	0.1	0.04	0.22	0.021	0.11
6310444N 400259E	8.6	4	1.78	18.3	3.3	3.98	0.07	0.15	0.06	0.022	0.11
6310446N 400238E	9	3	1.89	16.7	3.21	3.52	0.08	0.08	0.06	0.021	0.12
6310455N 400225E	5.7	2	2.27	13.4	2.23	2.29	0.08	0.06	0.06	0.015	0.12
6310457N 400210E	8.6	3	1.78	17.7	2.53	2.98	0.08	0.05	0.11	0.021	0.12
6310455N 400193E	5.4	2	1.43	57.2	2.23	2.75	0.08	0.06	0.05	0.018	0.12
6310446N 400174E	4.3	2	1.43	63.8	2.03	2.68	0.06	0.07	0.03	0.016	0.09
6310575N 400251E	11.3	9	1.91	18	3.84	5.17	0.08	0.07	0.14	0.038	0.09

VA09107449 - Finalized

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DATE RECEIVED : 2009-09-29 DATE FINALIZED : 2009-10-21

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PO NUMBER : " "

SAMPLE DESCRIPTION	ME-MS41 La ppm	ME-MS41 Li ppm	ME-MS41 Mg %	ME-MS41 Mn ppm	ME-MS41 Mo ppm	ME-MS41 Na %	ME-MS41 Nb ppm	ME-MS41 Ni ppm	ME-MS41 P ppm	ME-MS41 Pb ppm	ME-MS41 Rb ppm
6310780N 400380E	2.8	0.8	0.02	35	5.56	0.01	0.07	0.7	1420	29.8	6.3
6310674N 400369E	27.6	11.2	0.4	1470	3.85	0.02	7.33	8.9	1220	17.2	10.1
6310666N 400340E	8.3	0.1	0.01	8	4.83	0.01	0.07	0.3	30	1.8	5.4
6310651N 400324E	15.1	0.5	0.03	123	1.98	0.02	<0.05	1.1	330	15.3	6.2
6310626N 400323E	22.1	7.5	0.34	1440	6.85	0.01	0.53	4.9	950	50.1	10.4
6310610N 400326E	14.1	9.1	0.36	1980	6	0.01	1.04	9.1	1270	113.5	14.2
6310605N 400310E	16.4	15.7	0.54	2440	2.61	0.01	0.3	5.4	1310	34.8	9.3
6310594N 400299E	17.7	3.6	0.07	1100	2.93	0.01	0.22	1.4	910	13.1	10
6310587N 400285E	17.1	19.3	0.18	1640	3.52	0.02	11.45	4.9	1280	20.3	19.2
6310589N 400268E	26.5	15.8	0.52	1980	7.98	0.01	0.71	1.8	1710	17.7	8.8
6310566N 400248E	25.9	11.7	0.25	2330	3.43	0.01	2.85	3.2	1350	15.5	15.8
6310568N 400240E	30.2	14.6	0.29	2180	2.65	0.01	1.74	3.4	1610	14.4	19
6310562N 400225E	16.9	13.2	0.25	1770	1.34	0.01	1.03	5.4	1100	16.6	11
6310555N 400211E	25.2	15.9	0.22	1640	1.61	0.01	4.79	6.2	970	14.1	11.7
6310546N 400207E	26.7	11.2	0.27	2400	2.45	0.01	4.31	3.7	1480	18.1	19.6
6310534N 400182E	40	8.8	0.16	2520	2.97	0.02	14.35	4.8	1130	16.3	19.1
6310376N 400446E	25.9	2.6	0.07	3430	1.26	0.01	0.73	2.5	1810	8.8	13.1
6310372N 400430E	31.2	11.2	0.34	1800	1.88	0.02	17.65	11.4	1410	34.6	9.1
6310369N 400401E	14.5	7.4	0.3	1600	1.26	0.01	0.88	5.8	1240	22.5	8.6
6310372N 400385E	16.3	3.4	0.04	1250	0.58	0.01	0.92	1.5	1250	6.8	8.3
6310374N 400302E	38	3.5	0.07	1300	3.27	0.01	0.2	1.5	1610	31.1	11.5
6310404N 400468E	16.7	8.6	0.38	2500	1.75	0.01	0.89	10.9	1970	50.2	10.7
6310402N 400452E	11.4	7.9	0.34	2490	1.64	0.01	1.92	9.1	1180	31.8	11.1
6310400N 400437E	23.6	0.5	0.04	1140	0.5	<0.01	0.16	0.5	550	12.2	11.2

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SAMPLE DESCRIPTION	ME-MS41 La ppm	ME-MS41 Li ppm	ME-MS41 Mg %	ME-MS41 Mn ppm	ME-MS41 Mo ppm	ME-MS41 Na %	ME-MS41 Nb ppm	ME-MS41 Ni ppm	ME-MS41 P ppm	ME-MS41 Pb ppm	ME-MS41 Rb ppm
6310392N 400416E	13.6	5.6	0.13	870	1.39	0.01	1.02	3.6	1420	14.9	12
6310391N 400393E	12.6	6.1	0.11	1360	1.3	0.01	1.54	3.3	1350	13.9	14.8
6310385N 400365E	16	0.9	0.04	904	0.23	<0.01	0.26	1	990	3.8	6.8
6310386N 400349E	15.2	5.1	0.03	490	1.33	<0.01	0.54	0.7	680	4.7	12
6310377N 400333E	32.5	0.3	0.02	1220	4.27	0.01	0.07	0.9	700	8	5.1
6310388N 400320E	14.2	12	0.16	1330	2.4	0.01	0.77	3.3	1360	20.7	12.2
6310393N 400288E	18.9	5.6	0.08	1080	0.94	0.01	0.21	1.5	1190	5.4	23.5
6310427N 400452E	28.9	12	0.34	1080	2.22	0.03	4.95	8.6	1430	25.2	15.2
6310424N 400435E	18.3	9.2	0.56	2130	2.14	0.02	1.45	13.2	1460	31.4	11.2
6310415N 400407E	21.7	6.2	0.17	1460	2.95	0.03	18.25	6.6	1010	20.3	17
6310415N 400391E	16.4	8.1	0.32	1600	2.2	0.01	3.9	8.3	1010	32.5	10.6
6310418N 400282E	31.2	9.8	0.23	2280	1.3	<0.01	0.89	1.7	1350	13.6	12.8
6310443N 400276E	31.5	7.4	0.33	2380	2.97	0.01	0.38	4.6	1440	71.6	7.5
6310444N 400259E	28.6	16.3	0.45	1460	1.24	0.01	1.35	3.3	1490	11.7	13.4
6310446N 400238E	26.1	15.1	0.47	1410	1.06	0.01	0.42	3.1	1240	8.1	12.9
6310455N 400225E	30.8	9	0.24	1060	0.7	0.01	0.39	1.7	1420	7.5	11.9
6310457N 400210E	27.6	10	0.38	466	0.83	0.01	0.64	2.8	1160	9.1	10.4
6310455N 400193E	28.6	10.5	0.27	812	0.66	0.01	0.48	1.6	1290	8.3	11.2
6310446N 400174E	28.6	8	0.24	601	0.64	0.01	0.49	1.3	1000	6.9	13.2
6310575N 400251E	28.7	12.8	0.32	2250	3.21	0.01	2.18	5.4	1420	27.4	13.2

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SAMPLE DESCRIPTION	ME-MS41 Re ppm	ME-MS41 S %	ME-MS41 Sb ppm	ME-MS41 Sc ppm	ME-MS41 Se ppm	ME-MS41 Sn ppm	ME-MS41 Sr ppm	ME-MS41 Ta ppm	ME-MS41 Te ppm	ME-MS41 Th ppm	ME-MS41 Ti %
6310780N 400380E	<0.001		0.2	0.36	1.7	2.4	0.2	25.7 <0.01		1.01	0.7 <0.005
6310674N 400369E	<0.001		0.04	0.71	2.5	2.2	1.7	6	0.11	0.55	0.8 0.024
6310666N 400340E	<0.001		0.01	0.34	0.5	1.1 <0.2		15.4 <0.01		0.62	0.8 <0.005
6310651N 400324E	<0.001		0.11	0.45	1.1	1 <0.2		12.5 <0.01		0.67	1.7 <0.005
6310626N 400323E	<0.001		0.02	1.55	2.5	1	0.2	5.4	0.01	0.35	0.7 0.007
6310610N 400326E	<0.001		0.04	2.92	1.6	1.3	0.5	6.7	0.01	0.24	0.2 0.017
6310605N 400310E	<0.001		0.02	0.81	3.7	1.2	0.2	5.5 <0.01		0.03	1.4 <0.005
6310594N 400299E	<0.001		0.02	0.53	2	0.7	0.2	11.8 <0.01		0.06	1.4 <0.005
6310587N 400285E	<0.001		0.09	0.61	1.1	1.2	3.5	12.4	0.03	0.1	0.2 0.036
6310589N 400268E	<0.001		0.02	1.21	3.7	1.1	0.3	7.2	0.01	0.06	2 <0.005
6310566N 400248E	<0.001		0.07	0.45	0.8	1.3	1.6	3.2	0.01	0.07 <0.2	0.024
6310568N 400240E	<0.001		0.05	0.34	1	1.3	1.1	4.2	0.02	0.07	0.2 0.013
6310562N 400225E	<0.001		0.04	0.76	2.2	1.4	0.4	4	0.01	0.29	0.5 0.015
6310555N 400211E	<0.001		0.03	0.58	2.3	1.8	1.2	3.8	0.05	0.14	0.5 0.011
6310546N 400207E	<0.001		0.06	0.67	1.3	1.5	1.8	3.2	0.05	0.13 <0.2	0.023
6310534N 400182E	<0.001		0.08	0.5	2	1.9	4.1	8.1	0.07	0.08	0.3 0.073
6310376N 400446E	<0.001		0.06	0.4	1.4	0.9	0.4	6	0.02	0.02	0.3 0.01
6310372N 400430E	<0.001		0.06	1.04	2.9	2.4	2.9	10.2	0.28	0.14	0.9 0.056
6310369N 400401E	<0.001		0.04	1.02	2	1.1	0.4	6.4	0.01	0.13	0.3 0.025
6310372N 400385E	<0.001		0.04	0.34	1	0.7	0.4	5.5	0.01	0.02	0.3 0.009
6310374N 400302E	<0.001		0.06	0.57	4.4	1.2	0.2	16.5	0.01	0.02	1 <0.005
6310404N 400468E	<0.001		0.08	1.88	4.7	1.8	0.3	13	0.02	0.25	0.5 0.036
6310402N 400452E	<0.001		0.08	1.6	1.9	1.3	0.7	5.7	0.03	0.19 <0.2	0.036
6310400N 400437E	<0.001		0.01	0.29	3.8	0.6 <0.2		1.5 <0.01		0.11	1.1 <0.005



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6310392N 400416E	<0.001	0.09	0.7	0.5	1	0.8	5.9	<0.01	0.08	<0.2	0.009
6310391N 400393E	<0.001	0.05	0.49	0.7	0.7	0.7	3.7	<0.01	0.04	<0.2	0.014
6310385N 400365E	<0.001	0.01	0.22	1.9	0.3	0.2	5.5	<0.01	0.01	1	0.005
6310386N 400349E	<0.001	0.01	0.22	1.7	0.5	0.2	2.7	0.01	0.01	0.8	<0.005
6310377N 400333E	<0.001	0.01	0.5	4.4	0.9	<0.2	5.6	<0.01	0.02	2.1	<0.005
6310388N 400320E	<0.001	0.07	0.57	0.8	1	0.4	9.5	<0.01	0.1	<0.2	0.008
6310393N 400288E	<0.001	0.03	0.21	0.5	0.9	0.5	40.5	<0.01	0.02	<0.2	0.01
6310427N 400452E	<0.001	0.04	0.79	3.6	1.4	1.6	19	0.03	0.08	0.5	0.064
6310424N 400435E	<0.001	0.07	0.67	5.1	0.8	0.6	12.3	<0.01	0.06	0.7	0.048
6310415N 400407E	<0.001	0.08	0.66	1.3	1.4	3.9	5.4	0.12	0.04	0.2	0.043
6310415N 400391E	<0.001	0.04	1.07	1.4	1.1	1	5.7	0.03	0.1	0.2	0.033
6310418N 400282E	<0.001	0.05	0.39	2	0.7	0.3	2.6	0.02	0.03	0.8	<0.005
6310443N 400276E	<0.001	0.03	0.85	5.5	0.9	0.2	36.8	0.01	0.23	2	0.015
6310444N 400259E	<0.001	0.03	0.22	2.4	0.6	0.5	41.6	0.01	0.02	0.9	0.006
6310446N 400238E	<0.001	0.02	0.22	3.8	0.6	0.2	34.2	<0.01	0.02	1.4	0.005
6310455N 400225E	<0.001	0.02	0.24	2.5	0.6	0.2	29.5	<0.01	0.02	1.2	<0.005
6310457N 400210E	<0.001	0.02	0.26	3.4	0.6	0.3	28.4	<0.01	0.03	1.8	0.008
6310455N 400193E	<0.001	0.02	0.18	2.1	0.6	0.3	23.5	<0.01	0.02	0.9	<0.005
6310446N 400174E	<0.001	0.01	0.17	2.5	0.5	0.2	24.1	<0.01	0.02	1.2	<0.005
6310575N 400251E	<0.001	0.05	0.7	1.1	1.3	0.8	6.2	0.02	0.11	0.3	0.011

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SAMPLE DESCRIPTION	ME-MS41 TI ppm	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm
6310780N 400380E	0.2	0.2	11	<0.05	1.23	7	<0.5
6310674N 400369E	0.19	1.62	23	0.24	13.7	165	7.1
6310666N 400340E	0.19	0.13	2	<0.05	1.24	2	0.6
6310651N 400324E	0.13	0.18	4	<0.05	1.59	5	0.5
6310626N 400323E	0.19	0.65	29	0.08	7.75	177	2.2
6310610N 400326E	0.22	1.02	50	0.14	6.3	258	0.7
6310605N 400310E	0.24	1.22	33	0.1	8.15	169	4.4
6310594N 400299E	0.32	1.21	10	0.07	5.85	49	1.5
6310587N 400285E	0.11	1.8	42	0.29	10.3	116	5.3
6310589N 400268E	0.52	0.85	23	0.06	10.8	95	3.7
6310566N 400248E	0.18	1.06	45	0.13	11.5	83	1.3
6310568N 400240E	0.16	1.27	36	0.13	17.35	99	2.5
6310562N 400225E	0.17	0.9	49	0.34	8.39	127	1.9
6310555N 400211E	0.17	1.2	36	0.23	15.55	98	4.4
6310546N 400207E	0.22	1.27	53	0.29	14.65	109	2.1
6310534N 400182E	0.12	1.34	47	0.31	23.7	131	8.6
6310376N 400446E	0.11	0.77	18	0.07	9.81	86	1.8
6310372N 400430E	0.14	1.54	46	0.39	22.1	241	14.5
6310369N 400401E	0.13	0.86	50	0.14	6.95	111	1
6310372N 400385E	0.1	0.73	25	0.08	3.95	57	1.4
6310374N 400302E	0.1	2.61	16	0.1	32.4	282	2.3
6310404N 400468E	0.18	1.01	64	0.14	13.65	172	2.1
6310402N 400452E	0.18	0.79	64	0.12	6.78	129	1.3
6310400N 400437E	0.15	0.7	14	0.06	6.34	65	1.2

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SAMPLE DESCRIPTION	ME-MS41 TI ppm	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm
6310392N 400416E	0.15	0.88	42	0.12	5.71	68	<0.5
6310391N 400393E	0.18	0.81	35	0.1	3.11	92	0.6
6310385N 400365E	0.08	0.84	13	0.07	3.85	35	1
6310386N 400349E	0.16	0.79	22	0.07	4.15	39	2.6
6310377N 400333E	0.28	1.05	11	0.06	18.5	68	0.5
6310388N 400320E	0.11	1.08	39	0.11	6.6	95	<0.5
6310393N 400288E	0.06	4.25	24	0.1	13.8	63	<0.5
6310427N 400452E	0.14	2.36	52	0.21	19.8	166	3.1
6310424N 400435E	0.17	1.32	56	0.12	10.3	139	0.7
6310415N 400407E	0.2	1.27	40	0.36	11.65	101	8.7
6310415N 400391E	0.14	1.05	50	0.18	6.76	123	2.5
6310418N 400282E	0.14	1.08	22	0.09	17.65	79	4.9
6310443N 400276E	0.12	2.04	36	0.11	23.9	97	1.2
6310444N 400259E	0.08	1.57	32	0.12	16.6	74	5.3
6310446N 400238E	0.08	1.52	32	0.09	14.45	68	2.4
6310455N 400225E	0.07	1.72	21	0.1	16.45	46	1.5
6310457N 400210E	0.09	1.19	25	0.06	13.15	67	1.3
6310455N 400193E	0.07	1.57	22	0.08	14	59	1.9
6310446N 400174E	0.13	1.22	20	0.08	10.8	47	2.2
6310575N 400251E	0.21	1.14	30	0.13	15.45	91	2.4

# **APPENDIX 3**

## **-Historic Soil Location and Geochemistry-**

Gold Fields 1991 (ARIS: 21868)

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
2100	325	6310365	400156	5		1.2	1	53	31	122
2100	350	6310365	400181	25		0.4	1	96	53	171
2100	375	6310365	400206	5		0.7	1	75	44	198
2100	400	6310143	400146	5		0.2	1	45	25	166
2100	425	6310143	400171	5		1.4	1	104	33	172
2100	450	6310143	400196	15		1.2	1	90	27	104
2100	475	6310143	400221	10		0.1	1	32	36	190
2100	500	6310143	400246	10		0.5	1	53	34	162
2100	525	6310143	400271	100		0.5	1	54	31	153
2100	550	6310143	400296	210		0.5	1	217	27	129
2100	575	6310143	400321	100		0.3	1	314	36	141
2100	600	6310143	400346	75		0.1	1	172	31	110
2100	625	6310143	400371	5		0.3	1	38	27	174
2100	650	6310143	400396	60		0.4	1	130	38	154
2100	675	6310143	400421	10		0.4	1	17	27	182
2100	700	6310143	400446	5		0.6	1	39	32	205
2100	725	6310143	400471	5		0.3	1	31	28	146
2100	750	6310143	400496	5		0.4	1	18	26	112
2100	775	6310143	400521	5		0.4	1	21	29	109
2100	800	6310143	400546	80		0.8	1	70	44	418
2100	825	6310143	400571	5		0.8	1	28	114	273
2100	850	6310143	400596	5		0.6	1	20	29	157
2100	875	6310143	400621	5		0.5	1	44	54	194
2100	900	6310143	400646	5		0.5	1	27	28	118
2100	925	6310143	400671	5		1	1	35	27	164
2100	950	6310143	400696	10		0.3	2	42	24	135
2100	975	6310143	400721	5		1.6	1	60	19	180
2100	1000	6310143	400746	5		1.2	1	46	51	190
2200	350	6310243	400096	5		0.7	1	57	30	140
2200	375	6310243	400121	10		0.5	1	24	19	87
2200	400	6310243	400146	10		0.8	24	84	36	140
2200	425	6310243	400171	30		0.5	2	44	28	114
2200	450	6310243	400196	5		0.5	1	17	19	109
2200	475	6310243	400221	10		0.7	2	48	27	141
2200	500	6310243	400246	5		0.7	5	86	46	233
2200	525	6310243	400271	5		0.6	1	31	26	179
2200	550	6310243	400296	5		0.1	1	43	25	152
2200	575	6310243	400321	25		0.5	1	15	18	136
2200	600	6310243	400346	5		0.4	1	19	12	102
2200	625	6310243	400371	5		0.6	1	23	14	114
2200	650	6310243	400396	5		0.6	1	8	13	90
2200	675	6310243	400421	15		0.3	1	3	8	52
2200	700	6310243	400446	5		0.4	1	4	9	96
2200	725	6310243	400471	5		0.6	1	34	23	99
2200	750	6310243	400496	5		0.1	1	19	28	92
2200	775	6310243	400521	5		0.8	13	26	139	142
2200	800	6310243	400546	10		0.3	1	340	114	135
2200	825	6310243	400571	5		0.1	1	63	22	160
2200	850	6310243	400596	5		0.8	6	20	29	99

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
2200	875	6310243	400621	20		1.3	18	42	776	270
2300	325	6310343	400071	190		0.9	7	86	22	96
2300	350	6310343	400096	25		0.3	1	127	22	140
2300	375	6310343	400121	15		0.4	5	98	31	130
2300	425	6310343	400171	5		1.8	1	149	36	170
2300	450	6310343	400196	45		0.4	1	90	34	508
2300	475	6310343	400221	5		0.3	2	42	17	90
2300	500	6310343	400246	5		0.5	1	29	15	82
2300	525	6310343	400271	5		0.8	4	10	11	56
2300	550	6310343	400296	5		0.7	1	14	12	51
2300	575	6310343	400321	5		0.6	2	25	22	88
2300	600	6310343	400346	5		0.5	1	18	13	57
2300	625	6310343	400371	5		0.1	1	30	6	40
2300	650	6310343	400396	5		0.1	1	18	20	76
2300	675	6310343	400421	5		0.22	1	23	19	88
2300	700	6310343	400446	10		0.1	1	29	29	167
2300	725	6310343	400471	5		0.1	1	16	45	127
2300	750	6310343	400496	5		0.9	1	108	33	184
2300	775	6310343	400521	5		0.6	1	80	43	199
2300	800	6310343	400546	5		0.8	1	38	28	200
2300	825	6310343	400571	5		0.5	1	32	16	201
2300	850	6310343	400596	5		1.2	1	30	34	115
2300	875	6310343	400621	5		0.7	1	21	22	90
2300	900	6310343	400646	10		1.1	1	81	62	219
2300	925	6310343	400671	10		1	1	55	54	193
2300	975	6310343	400721	5		1	1	98	40	212
2300	1000	6310343	400746	5		1.4	1	88	36	190
2400	325	6310443	400071	5		0.1	1	36	22	108
2400	350	6310443	400096	10		0.3	1	177	57	257
2400	375	6310443	400121	110		0.3	2	244	31	170
2400	400	6310443	400146	15		0.1	1	1279	37	114
2400	425	6310443	400171	45		0.1	1	124	292	530
2400	450	6310443	400196	5		0.7	1	90	38	173
2400	475	6310443	400221	5		0.5	1	80	34	170
2400	500	6310443	400246	5		0.2	1	64	17	82
2400	525	6310443	400271	5		0.2	1	30	19	112
2400	550	6310443	400296	5		0.1	1	37	58	91
2500	325	6310543	400071	5		1	1	24	29	116
2500	350	6310543	400096	45		0.8	1	29	14	127
2500	375	6310543	400121	140		0.1	1	63	28	110
2500	400	6310543	400146	5		0.1	1	83	36	172
2500	425	6310543	400171	5		0.1	1	26	23	91
2500	450	6310543	400196	5		1.7	1	14	21	47
2500	475	6310543	400221	5		0.2	1	26	21	117
2500	500	6310543	400246	5		0.2	6	27	22	99
2500	525	6310543	400271	5		0.6	7	26	17	83
2500	550	6310543	400296	5		0.1	3	15	21	86
2500	575	6310543	400321	5		0.6	7	4	8	16
2500	600	6310543	400346	5		0.1	3	14	31	27

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
2500	625	6310543	400371	5		0.9	5	5	48	17
2500	675	6310543	400421	5		0.9	1	79	39	191
2500	700	6310543	400446	5		1.2	2	127	56	235
2500	725	6310543	400471	5		2.1	1	129	28	177
2500	750	6310543	400496	5		1.9	1	132	33	183
2500	775	6310543	400521	5		2.2	1	132	23	168
2500	900	6310543	400646	5		2.2	1	134	31	182
2500	950	6310543	400696	5		2	22	179	33	212
2500	975	6310543	400721	5		1.9	8	194	33	253
2500	1000	6310543	400746	5		2.2	1	157	26	208
2600	325	6310643	400071	45		0.5	1	83	21	86
2600	350	6310643	400096	25		0.2	1	35	15	88
2600	375	6310643	400121	335		0.2	1	462	24	86
2600	400	6310643	400146	85		0.9	1	394	27	108
2600	425	6310643	400171	120		0.7	1	35	17	82
2600	450	6310643	400196	205		0.4	1	164	23	65
2600	475	6310643	400221	5		0.4	1	22	16	89
2600	500	6310643	400246	10		0.2	1	14	10	56
2600	525	6310643	400271	5		0.1	1	15	16	86
2600	550	6310643	400296	5		0.4	1	11	14	68
2600	575	6310643	400321	5		0.5	2	24	21	145
2600	600	6310643	400346	5		0.3	1	21	63	106
2600	625	6310643	400371	5		0.9	8	19	20	88
2600	650	6310643	400396	5		1.9	1	99	13	118
2600	675	6310643	400421	5		2.5	1	112	17	121
2600	700	6310643	400446	5		2.6	1	121	15	127
2600	725	6310643	400471	75		2.4	1	92	7	101
2600	750	6310643	400496	70		2.3	1	116	13	120
2600	775	6310643	400521	20		2.4	1	123	17	132
2200	300	6310243	400046	30		1.7	1	118	31	174
2250	300	6310293	400046	5		1.2	13	113	32	160
2300	300	6310343	400046	10		0.5	2	83	18	101
2350	300	6310393	400046	5		1.6	1	136	45	216
2375	300	6310418	400046	5		1.4	8	111	28	159
2400	300	6310443	400046	40		0.3	4	225	30	295
2425	300	6310468	400046	265		0.1	2	1217	76	741
2450	300	6310493	400046	270		0.6	21	233	242	195
2475	300	6310518	400046	80		0.2	1	119	36	212
2500	300	6310543	400046	35		0.1	2	292	59	417
2525	300	6310568	400046	5		0.4	2	89	51	469
2550	300	6310593	400046	20		1.2	1	123	28	363
2575	300	6310618	400046	10		1.2	1	122	29	170
2600	300	6310643	400046	100		0.7	1	81	21	76
225	300	6308268	400046	5		0.6	29	67	29	118
250	300	6308293	400046	5		0.9	17	53	22	102
275	300	6308318	400046	5		0.3	18	63	22	95
300	300	6308343	400046	10		0.4	16	60	21	86
325	300	6308368	400046	5		0.3	11	50	15	81
350	300	6308393	400046	10		0.4	4	41	19	98

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
375	300	6308418	400046	5		0.3	3	30	19	138
400	300	6308443	400046	5		0.7	1	17	19	120
425	300	6308468	400046	100		0.5	6	101	35	145
450	300	6308493	400046	5		0.6	1	25	21	124
475	300	6308518	400046	5		0.4	3	32	11	64
500	300	6308543	400046	5		0.5	10	30	19	111
525	300	6308568	400046	5		0.1	3	56	19	100
550	300	6308593	400046	5		1.1	5	341	59	143
575	300	6308618	400046	5		0.4	8	57	18	110
600	300	6308643	400046	5		0.3	7	36	21	82
625	300	6308668	400046	5		0.1	3	27	19	162
675	300	6308718	400046	5		1.1	1	13	36	215
700	300	6308743	400046	5		0.4	1	36	23	162
725	300	6308768	400046	5		0.7	3	29	20	337
750	300	6308793	400046	5		1	8	35	22	845
775	300	6308818	400046	5		0.1	1	31	27	487
800	300	6308843	400046	10		0.4	5	32	23	396
825	300	6308868	400046	90		0.3	5	43	22	390
850	300	6308893	400046	5		0.1	5	23	23	370
875	300	6308918	400046	5		0.4	1	21	20	125
900	300	6308943	400046	10		0.7	2	37	18	131
925	300	6308968	400046	5		0.4	8	98	34	138
950	300	6308993	400046	20		0.6	5	65	19	201
975	300	6309018	400046	5		0.6	1	215	17	123
1000	300	6309043	400046	50		0.4	1	24	14	95
1025	300	6309068	400046	5		0.6	1	78	20	97
1050	300	6309093	400046	10		1.2	1	172	27	252
1075	300	6309118	400046	5		0.6	1	107	26	84
1100	300	6309143	400046	5		0.4	7	228	27	799
1125	300	6309168	400046	40		1.2	1	49	19	98
1150	300	6309193	400046	5		0.7	1	24	27	128
1175	300	6309218	400046	5		0.1	10	105	29	149
1200	300	6309243	400046	20		0.1	10	35	28	239
1225	300	6309268	400046	5		0.5	6	98	13	225
1250	300	6309293	400046	5		0.6	14	26	24	175
1250	300	6309293	400046	10		0.4	7	384	16	128
1275	300	6309318	400046	10		0.1	15	41	22	94
1300	300	6309343	400046	30		0.5	9	33	17	94
1325	300	6309368	400046	5		0.8	1	26	20	70
1350	300	6309393	400046	5		0.4	8	36	18	83
1375	300	6309418	400046	10		1.8	1	18	15	110
1400	300	6309443	400046	50		0.9	1	47	17	258
1425	300	6309468	400046	5		0.6	10	40	23	88
1450	300	6309493	400046	5		0.4	3	29	22	87
1475	300	6309518	400046	5		0.1	11	42	29	155
1500	300	6309543	400046	40		0.1	12	55	17	144
1525	300	6309568	400046	5		0.5	9	64	14	90
1550	300	6309593	400046	20		0.2	3	29	19	87
1575	300	6309618	400046	5		0.7	1	32	13	81



Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
1600	300	6309643	400046	5		0.2	2	73	16	98
1625	300	6309668	400046	5		0.9	1	35	10	56
1650	300	6309693	400046	5		0.6	5	51	15	108
600	325	6308643	400071	5		1	2	28	29	111
600	350	6308643	400096	5		0.5	9	43	59	225
600	375	6308643	400121	5		0.5	1	32	22	111
600	400	6308643	400146	5		0.4	4	25	26	111
600	425	6308643	400171	10		0.5	6	29	21	114
600	450	6308643	400196	5		0.6	1	25	14	72
600	475	6308643	400221	5		0.4	1	20	22	107
600	500	6308643	400246	5		0.9	1	20	21	77
600	525	6308643	400271	10		0.1	6	70	23	87
600	550	6308643	400296	5		0.1	8	47	13	86
600	575	6308643	400321	5		0.1	1	38	20	69
600	600	6308643	400346	5		0.5	1	20	16	56
600	625	6308643	400371	5		1	1	20	21	94
700	325	6308743	400071	45		0.5	4	31	34	180
700	350	6308743	400096	5		0.9	1	18	21	150
700	375	6308743	400121	5		0.7	1	27	60	240
700	400	6308743	400146	10		0.5	1	32	24	168
700	425	6308743	400171	5		0.7	10	36	20	114
700	450	6308743	400196	95		0.4	12	61	32	193
700	475	6308743	400221	5		0.5	7	31	25	102
700	525	6308743	400271	5		1.6	1	21	26	88
700	550	6308743	400296	5		1.2	3	31	24	123
700	575	6308743	400321	5		0.6	1	31	23	133
700	600	6308743	400346	10		0.7	1	28	21	83
700	625	6308743	400371	10		0.7	2	30	68	272
800	325	6308843	400071	5		1.4	1	61	12	184
800	350	6308843	400096	5		1	1	20	22	149
800	375	6308843	400121	5		0.6	13	69	34	219
800	400	6308843	400146	5		1.3	1	15	17	100
800	425	6308843	400171	10		0.4	12	73	53	497
800	450	6308843	400196	5		1.2	2	33	20	817
800	475	6308843	400221	5		1.1	5	19	29	86
800	500	6308843	400246	5		0.3	4	26	23	173
800	525	6308843	400271	5		0.4	2	20	23	110
800	550	6308843	400296	5		0.8	4	7	14	349
800	575	6308843	400321	5		1	1	11	20	71
800	600	6308843	400346	10		0.6	10	27	22	165
800	625	6308843	400371	5		0.2	6	41	28	118
800	650	6308843	400396	5		0.4	4	21	21	111
800	675	6308843	400421	5		3.2	11	72	32	117
800	700	6308843	400446	5		0.1	8	17	10	68
900	325	6308943	400071	5		0.9	1	34	18	150
900	350	6308943	400096	5		0.3	4	10	17	106
900	375	6308943	400121	5		1.3	13	28	19	81
900	400	6308943	400146	10		0.1	5	45	17	104
900	425	6308943	400171	5		0.3	3	23	30	224

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
900	450	6308943	400196	85		0.1	3	23	32	163
900	475	6308943	400221	10		0.1	7	33	18	106
900	500	6308943	400246	5		0.1	7	30	18	107
900	525	6308943	400271	5		0.4	1	19	22	107
900	550	6308943	400296	5		0.3	4	17	23	95
900	600	6308943	400346	10		0.5	5	19	19	87
900	625	6308943	400371	5		1.2	1	217	18	94
900	650	6308943	400396	5		1	5	20	20	62
900	675	6308943	400421	5		0.3	8	28	27	121
900	700	6308943	400446	5		0.1	11	41	31	82
900	725	6308943	400471	10		1.8	6	29	25	143
1000	325	6309043	400071	5		0.1	9	28	29	174
1000	350	6309043	400096	5		1.7	2	23	17	70
1000	375	6309043	400121	10		0.3	12	55	25	106
1000	400	6309043	400146	5		0.4	7	26	12	134
1000	425	6309043	400171	5		0.4	12	65	24	156
1300	575	6309343	400321	5		0.8	1	19	24	78
1300	600	6309343	400346	10		1.7	1	45	1781	364
1300	625	6309343	400371	5		1	1	12	27	86
1300	650	6309343	400396	5		0.3	1	19	53	157
1300	675	6309343	400421	5		1.1	37	55	32	224
1300	700	6309343	400446	5		0.5	49	31	30	212
1300	725	6309343	400471	5		1.4	5	24	33	93
1300	775	6309343	400521	10		0.5	5	72	25	142
1300	800	6309343	400546	5		1.2	5	81	31	182
1300	825	6309343	400571	5		0.8	6	70	22	135
1300	850	6309343	400596	5		0.3	7	51	28	140
1300	875	6309343	400621	25		1	1	26	25	101
1300	900	6309343	400646	5		1	13	49	165	201
1300	925	6309343	400671	5		1	5	49	29	137
1300	950	6309343	400696	5		0.6	8	55	34	139
1300	975	6309343	400721	5		0.9	2	50	35	124
1300	1000	6309343	400746	5		1	12	52	29	151
1400	325	6309443	400071	10		0.2	5	18	23	82
1400	350	6309443	400096	45		0.6	9	63	27	154
1400	375	6309443	400121	5		1.4	5	49	22	152
1400	400	6309443	400146	5		1.7	1	44	12	104
1400	425	6309443	400171	5		0.4	12	55	23	143
1400	450	6309443	400196	10		0.6	4	51	15	140
1400	475	6309443	400221	5		0.5	17	82	20	139
1400	500	6309443	400246	5		0.5	12	48	20	108
1400	525	6309443	400271	20		0.6	7	35	17	106
1400	550	6309443	400296	5		0.8	3	14	15	85
1400	575	6309443	400321	5		0.4	6	34	13	157
1400	600	6309443	400346	5		0.5	1	16	18	117
1400	625	6309443	400371	5		1.2	5	32	15	77
1400	650	6309443	400396	10		0.5	7	39	25	89
1400	675	6309443	400421	5		0.6	5	18	13	78
1400	700	6309443	400446	5		0.3	24	111	40	160

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
1400	750	6309443	400496	5		1.1	7	77	36	173
1400	775	6309443	400521	5		0.9	10	62	22	127
1400	800	6309443	400546	5		1.1	1	39	24	127
1400	825	6309443	400571	5		0.6	8	41	27	113
1400	850	6309443	400596	5		0.5	11	82	32	112
1400	875	6309443	400621	5		0.4	4	22	21	110
1400	900	6309443	400646	10		0.6	5	27	23	140
1400	925	6309443	400671	5		0.6	9	26	26	139
1400	950	6309443	400696	5		0.7	6	45	24	135
1400	975	6309443	400721	5		1.2	12	69	23	145
1400	1000	6309443	400746	5		0.3	5	63	26	146
1500	325	6309543	400071	5		0.7	8	141	14	151
1500	350	6309543	400096	15		0.5	8	41	18	82
1500	375	6309543	400121	5		1.1	1	54	20	82
1500	400	6309543	400146	20		0.7	12	37	18	144
1500	425	6309543	400171	5		1.8	2	103	14	79
1500	450	6309543	400196	5		0.7	7	27	17	85
1500	475	6309543	400221	5		0.5	9	31	23	100
1500	500	6309543	400246	5		0.8	3	20	16	70
1500	525	6309543	400271	10		0.4	11	27	19	101
1500	550	6309543	400296	5		0.5	7	18	17	76
1500	575	6309543	400321	5		0.9	1	17	21	133
1500	600	6309543	400346	5		1.1	12	30	19	116
1500	625	6309543	400371	5		0.6	13	32	20	121
1500	650	6309543	400396	5		0.8	12	41	34	121
1500	700	6309543	400446	5		0.4	20	129	30	148
1500	725	6309543	400471	5		1.1	2	84	20	136
1800	600	6309843	400346	100		1.1	1	134	25	150
1800	625	6309843	400371	110		0.5	13	262	20	93
1800	650	6309843	400396	5		0.5	7	164	23	120
1800	675	6309843	400421	5		0.8	16	115	32	187
1800	700	6309843	400446	5		0.7	6	38	21	129
1800	725	6309843	400471	5		0.4	10	103	29	147
1800	750	6309843	400496	5		0.6	6	69	28	135
1800	775	6309843	400521	5		0.3	31	577	46	175
1800	800	6309843	400546	2000		17.4	13	685	180	129
1800	825	6309843	400571	20		0.7	11	163	34	214
1800	850	6309843	400596	10		0.3	6	76	39	160
1800	875	6309843	400621	5		0.1	4	71	32	189
1800	900	6309843	400646	60		0.3	16	207	49	175
1800	925	6309843	400671	5		0.3	11	69	34	200
1800	1000	6309843	400746	5		0.87	11	46	38	171
1900	425	6309943	400171	5		0.3	4	82	8	106
1900	450	6309943	400196	5		0.6	13	99	29	112
1900	475	6309943	400221	5		0.7	16	125	22	132
1900	500	6309943	400246	5		0.4	11	64	24	145
1900	525	6309943	400271	10		0.6	13	69	38	144
1900	550	6309943	400296	20		0.5	2	36	20	89
1900	575	6309943	400321	430		0.5	1	47	18	100

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
1900	600	6309943	400346	5		0.4	7	112	16	88
1900	625	6309943	400371	10		0.4	12	99	17	105
1900	650	6309943	400396	20		0.5	6	115	21	154
1900	675	6309943	400421	40		0.5	7	123	21	136
1900	700	6309943	400446	5		0.4	9	127	19	119
1900	725	6309943	400471	5		0.5	8	170	22	109
1900	750	6309943	400496	250		0.5	12	320	39	182
1900	775	6309943	400521	10		0.4	13	78	34	145
1900	800	6309943	400546	40		0.8	6	82	36	173
1900	825	6309943	400571	25		0.7	4	216	35	155
1900	850	6309943	400596	30		0.9	12	151	48	210
2000	400	6310043	400146	20		0.8	8	117	46	158
2000	425	6310043	400171	155		0.9	1	74	24	82
2000	450	6310043	400196	45		0.5	1	102	20	68
2000	475	6310043	400221	175		0.6	1	357	29	168
2000	500	6310043	400246	40		0.2	1	25	16	131
2000	525	6310043	400271	50		0.1	2	69	31	130
2000	550	6310043	400296	5		0.4	1	17	17	88
2000	575	6310043	400321	5		0.2	6	85	38	171
2000	600	6310043	400346	5		0.4	5	64	16	105
2000	625	6310043	400371	10		0.3	1	19	15	98
2000	650	6310043	400396	5		0.5	1	45	21	100
2000	675	6310043	400421	5		0.4	3	88	16	98
2000	700	6310043	400446	15		0.2	10	136	19	102
2100	0	6310143	399746	10		0.3	19	50	18	99
2100	25	6310143	399771	10		0.4	12	58	14	87
2100	50	6310143	399796	10		0.4	7	31	12	79
2200	0	6310243	399746	5		0.4	5	30	10	64
2200	25	6310243	399771	15		0.7	11	40	13	73
2200	50	6310243	399796	20		0.6	2	53	16	94
2200	75	6310243	399821	10		0.7	2	37	17	83
2400	675	6310443	400421	10		0.5	66	32	33	124
2400	700	6310443	400446	20		0.8	21	49	78	237
2400	725	6310443	400471	30		0.6	11	26	36	92
2400	750	6310443	400496	15		1.6	13	109	38	171
2400	775	6310443	400521	25		0.9	7	24	23	116
2500	225	6310543	399971	30		0.9	13	332	25	122
2500	250	6310543	399996	25		1	8	45	35	88
2000	950	6310043	400696	5		0.9	4	37	50	155
2000	975	6310043	400721	5		0.4	7	46	45	221
2000	1000	6310043	400746	5		0.2	3	33	36	214
2000	1025	6310043	400771	5		0.8	11	57	49	229
2000	1050	6310043	400796	10		0.7	1	26	32	107
2000	1100	6310043	400846	5		1.6	1	133	44	249
2000	1125	6310043	400871	5		1.3	5	97	37	231
2000	1150	6310043	400896	5		1	4	118	31	208
2000	1200	6310043	400946	10		1.8	5	160	31	236
2000	1225	6310043	400971	10		0.7	7	57	46	150
2000	1250	6310043	400996	5		1.8	1	47	52	84

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
2000	1300	6310043	401046	5		0.7	3	42	22	129
2050	375	6310093	400121	5		0.4	10	80	31	149
2050	400	6310093	400146	5		0.8	11	89	40	194
2050	425	6310093	400171	5		1.1	8	14	14	75
2050	450	6310093	400196	30		0.3	8	49	28	201
2050	475	6310093	400221	85		0.7	7	53	23	132
2050	500	6310093	400246	80		0.9	8	177	22	177
2050	525	6310093	400271	35		0.3	11	113	23	115
2050	550	6310093	400296	90		0.2	7	185	29	123
2050	575	6310093	400321	5		0.2	2	35	38	178
2050	600	6310093	400346	5		0.4	6	52	34	180
2050	625	6310093	400371	5		0.2	9	134	27	122
2050	650	6310093	400396	5		0.2	8	102	37	157
2050	725	6310093	400471	10		0.2	4	18	35	94
2050	750	6310093	400496	5		0.8	10	38	36	292
2050	775	6310093	400521	5		0.4	8	20	33	162
2050	800	6310093	400546	5		0.3	34	39	56	168
2050	825	6310093	400571	510		0.7	4	198	40	210
2050	850	6310093	400596	5		0.4	10	24	43	195
2050	875	6310093	400621	5		0.6	4	13	18	61
2050	900	6310093	400646	5		0.2	5	27	20	103
2050	925	6310093	400671	5		0.7	5	40	28	134
2050	950	6310093	400696	5		0.2	7	64	32	184
2050	975	6310093	400721	5		0.6	4	23	43	125
2050	1000	6310093	400746	5		0.3	2	36	61	158
2050	1025	6310093	400771	5		0.3	5	83	30	325
2050	1075	6310093	400821	5		0.8	2	32	49	203
2050	1100	6310093	400846	10		0.2	23	97	45	256
2050	1125	6310093	400871	5		1.4	9	72	77	221
2050	1275	6310093	401021	5		1.1	7	107	25	169
2100	1025	6310143	400771	5		0.7	1	35	43	149
2100	1100	6310143	400846	5		0.2	5	32	46	171
2100	1125	6310143	400871	5		0.7	2	36	38	136
2100	1175	6310143	400921	5		1.8	31	85	55	202
2150	0	6310193	399746	5		0.2	14	110	26	97
2150	25	6310193	399771	10		0.2	9	92	28	88
2150	75	6310193	399821	5		0.2	1	44	15	82
2150	100	6310193	399846	5		0.2	7	55	11	75
2150	125	6310193	399871	5		0.2	10	62	21	83
2150	350	6310193	400096	5		1.1	1	58	20	75
2150	375	6310193	400121	5		1	4	131	32	167
2150	400	6310193	400146	5		0.2	2	32	21	115
2150	425	6310193	400171	10		0.5	3	47	10	112
2150	450	6310193	400196	5		0.7	3	40	21	175
2150	475	6310193	400221	5		0.4	1	33	27	207
2150	500	6310193	400246	5		0.6	3	105	26	105
2150	525	6310193	400271	5		0.4	9	83	42	182
2150	550	6310193	400296	5		0.2	9	31	30	192
2150	575	6310193	400321	10		0.4	1	39	23	147

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
2150	600	6310193	400346	320		0.2	1	232	21	134
2150	625	6310193	400371	1300		0.7	3	1055	33	150
2150	650	6310193	400396	100		0.2	3	171	37	109
2150	675	6310193	400421	5		0.2	10	45	39	141
2150	700	6310193	400446	5		0.2	3	28	26	147
2150	725	6310193	400471	5		0.2	3	66	37	799
2150	775	6310193	400521	5		0.7	2	35	30	92
2150	800	6310193	400546	10		0.2	2	21	47	251
2150	825	6310193	400571	5		0.2	14	81	51	190
2150	850	6310193	400596	5		0.2	7	108	95	234
2150	875	6310193	400621	5		0.6	24	25	31	120
2150	900	6310193	400646	5		0.9	10	68	28	142
2150	925	6310193	400671	5		1	1	132	1	137
2150	950	6310193	400696	5		0.3	1	29	50	87
2150	975	6310193	400721	5		0.7	1	24	28	64
2150	1000	6310193	400746	5		0.5	1	81	25	223
2150	1025	6310193	400771	5		0.5	2	49	34	138
2150	1050	6310193	400796	5		0.5	12	46	68	228
2150	1075	6310193	400821	10		0.7	9	34	39	123
2150	1100	6310193	400846	5		1.3	1	88	9	174
2150	1150	6310193	400896	5		1.1	1	62	64	189
2150	1175	6310193	400921	5		1.3	5	96	61	218
2150	1200	6310193	400946	5		1.2	4	100	42	182
2150	1225	6310193	400971	5		1.3	6	92	44	201
2200	1100	6310243	400846	5		1.9	1	26	67	173
2200	1125	6310243	400871	10		0.7	2	31	148	163
2250	275	6310293	400021	20		0.9	8	93	36	151
2250	325	6310293	400071	5		0.8	10	99	36	150
2250	350	6310293	400096	5		1	1	98	25	152
2250	375	6310293	400121	5		1	3	92	36	152
2250	400	6310293	400146	10		0.5	1	33	17	96
2250	425	6310293	400171	5		0.4	3	50	50	121
2250	450	6310293	400196	5		0.5	1	14	13	82
2250	475	6310293	400221	5		0.4	1	24	15	121
2250	525	6310293	400271	20		0.2	1	68	81	230
2250	575	6310293	400321	5		0.3	2	13	12	78
2250	600	6310293	400346	5		0.6	4	34	20	106
2250	625	6310293	400371	5		0.3	1	10	12	90
2250	650	6310293	400396	5		0.5	1	8	8	57
2250	675	6310293	400421	5		0.7	1	6	10	54
2250	700	6310293	400446	5		0.8	8	30	20	106
2250	725	6310293	400471	5		1	12	85	42	186
2250	750	6310293	400496	5		0.6	8	7	11	41
2250	775	6310293	400521	5		0.4	2	21	28	101
2250	800	6310293	400546	5		1.4	8	46	25	188
2350	275	6310393	400021	5		1.4	7	116	39	179
2350	325	6310393	400071	5		1.3	1	39	22	84
2350	350	6310393	400096	10		1	15	123	33	130
2350	375	6310393	400121	5		0.8	7	122	36	127

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
2350	400	6310393	400146	5		0.6	2	34	25	87
2350	425	6310393	400171	5		0.4	1	52	16	98
2350	450	6310393	400196	10		0.4	9	52	24	93
2350	475	6310393	400221	5		0.8	2	41	35	121
2350	575	6310393	400321	5		0.6	7	58	94	149
2350	600	6310393	400346	5		0.7	7	73	68	109
2350	625	6310393	400371	5		0.7	6	10	23	66
2350	675	6310393	400421	5		1.3	6	17	33	89
2350	700	6310393	400446	5		2.2	1	39	42	68
2350	725	6310393	400471	5		0.2	10	18	39	83
2350	750	6310393	400496	5		0.8	1	11	21	93
2350	775	6310393	400521	5		0.6	1	19	29	106
2350	800	6310393	400546	5		1.5	4	31	69	559
2350	825	6310393	400571	5		1.1	7	86	52	291
2350	850	6310393	400596	10		1.2	13	66	35	189
2350	925	6310393	400671	5		1.7	1	72	29	130
2350	950	6310393	400696	5		1.1	12	63	57	219
2350	975	6310393	400721	5		1.2	12	75	37	189
2350	1000	6310393	400746	5		1.2	21	104	34	213
2450	250	6310493	399996	5		1	1	41	16	201
2450	275	6310493	400021	45		0.8	6	301	88	818
2450	325	6310493	400071	15		0.8	10	54	26	456
2450	350	6310493	400096	15		0.8	8	48	21	91
2450	375	6310493	400121	5		0.8	13	175	32	144
2450	400	6310493	400146	10		0.9	6	397	25	122
2450	425	6310493	400171	150		0.6	3	246	22	76
2450	450	6310493	400196	40		0.8	9	40	17	110
2450	475	6310493	400221	20		0.9	9	67	27	244
2450	500	6310493	400246	5		0.3	12	62	31	109
2450	525	6310493	400271	5		0.6	19	57	36	156
2450	550	6310493	400296	5		0.6	11	26	25	86
2450	575	6310493	400321	5		0.5	6	17	25	86
2450	600	6310493	400346	15		0.6	5	19	28	93
2450	625	6310493	400371	5		1.3	6	57	49	192
2450	650	6310493	400396	10		0.7	11	19	43	75
2450	675	6310493	400421	5		0.8	11	5	10	28
2450	700	6310493	400446	5		0.1	10	26	28	56
2450	725	6310493	400471	10		0.6	9	14	28	47
2450	750	6310493	400496	5		1.8	16	153	37	211
2550	225	6310593	399971	5		0.1	6	55	28	109
2550	250	6310593	399996	5		1.4	1	35	17	52
2550	275	6310593	400021	5		0.5	14	138	34	74
2550	350	6310593	400096	560		1.3	3	800	32	99
2550	375	6310593	400121	895		0.9	1	244	38	98
2550	400	6310593	400146	80		1.1	6	141	36	99
2550	425	6310593	400171	40		1.3	1	41	29	98
2550	450	6310593	400196	5		0.8	1	20	16	88
2550	475	6310593	400221	5		1.3	1	27	23	79
2550	500	6310593	400246	5		0.9	1	14	17	66

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
2550	525	6310593	400271	5		1.3	3	46	31	119
2550	550	6310593	400296	10		1.3	3	39	24	111
2550	575	6310593	400321	5		1.1	4	17	23	86
2550	625	6310593	400371	5		0.4	3	34	20	43
2550	650	6310593	400396	5		1.1	1	9	16	17
2550	675	6310593	400421	5		1.9	7	61	21	93
2550	700	6310593	400446	5		1.5	10	72	34	141
2550	725	6310593	400471	5		1.8	1	61	28	81
900	750	6308943	400496	5		0.2	11	62	85	122
900	775	6308943	400521	10		0.2	15	39	22	106
900	800	6308943	400546	5		1.5	2	14	16	58
900	825	6308943	400571	5		0.2	25	18	8	50
900	850	6308943	400596	10		0.6	15	52	38	123
900	875	6308943	400621	10		0.5	2	20	61	98
900	900	6308943	400646	5		1.2	1	22	23	89
900	925	6308943	400671	5		1	1	24	23	89
950	750	6308993	400496	5		0.5	1	23	28	84
950	775	6308993	400521	5		0.6	1	16	21	79
950	800	6308993	400546	5		0.5	3	11	5	41
950	825	6308993	400571	5		0.5	2	13	7	31
950	850	6308993	400596	10		0.6	1	14	20	74
950	875	6308993	400621	5		0.3	1	18	22	50
950	900	6308993	400646	5		0.2	6	30	31	221
950	925	6308993	400671	5		0.8	19	34	4	62
950	950	6308993	400696	10		0.2	26	86	22	140
950	975	6308993	400721	5		0.2	18	47	24	111
1000	750	6309043	400496	5		0.8	2	23	19	94
1000	775	6309043	400521	5		0.3	5	19	23	91
1000	800	6309043	400546	5		0.3	1	25	31	153
1000	825	6309043	400571	5		0.3	1	17	27	122
1000	850	6309043	400596	5		0.7	9	51	32	117
1000	875	6309043	400621	5		1.3	5	31	23	77
1000	900	6309043	400646	5		0.9	1	15	21	56
1000	925	6309043	400671	5		1.6	1	16	25	151
1000	950	6309043	400696	5		0.8	2	17	10	74
1000	975	6309043	400721	10		0.5	1	15	23	114
1000	1000	6309043	400746	10		0.5	21	39	23	166
1000	1025	6309043	400771	5		0.2	7	49	29	158
1000	1050	6309043	400796	5		0.2	2	51	32	115
1000	1075	6309043	400821	5		0.5	3	37	34	127
1000	1100	6309043	400846	5		0.7	20	111	30	215
1000	1125	6309043	400871	5		1.1	1	23	23	84
1000	1150	6309043	400896	10		1	19	66	39	155
1000	1175	6309043	400921	5		1.2	11	121	29	174
1000	1200	6309043	400946	5		1.2	5	115	28	160
700	700	6308743	400446	5		0.2	6	32	19	75
700	750	6308743	400496	5		1.5	2	85	25	115
700	775	6308743	400521	5		1.6	5	77	17	101
750	0	6308793	399746	5		1.2	1	23	12	50



Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
750	25	6308793	399771	5		0.7	7	22	14	68
750	50	6308793	399796	5		1	6	19	17	92
750	75	6308793	399821	5		0.5	8	42	14	89
750	100	6308793	399846	10		0.6	5	29	13	50
750	125	6308793	399871	5		0.5	2	45	9	64
750	150	6308793	399896	5		0.5	3	32	14	102
750	175	6308793	399921	5		0.6	4	7	10	76
750	200	6308793	399946	80		0.5	2	138	38	127
750	225	6308793	399971	45		1.2	1	1176	28	400
750	250	6308793	399996	5		0.6	1	34	18	163
750	275	6308793	400021	10		0.7	1	25	16	135
750	325	6308793	400071	35		0.8	3	25	20	585
750	350	6308793	400096	5		1	1	26	19	155
750	375	6308793	400121	25		0.5	3	48	50	166
750	400	6308793	400146	1		0.6	3	32	19	147
750	425	6308793	400171	50		0.7	6	32	66	200
750	450	6308793	400196	5		0.9	5	26	19	191
750	475	6308793	400221	5		0.5	3	24	32	155
750	500	6308793	400246	5		0.4	4	19	26	103
750	525	6308793	400271	15		0.2	9	65	23	99
750	550	6308793	400296	5		0.9	8	17	25	138
750	575	6308793	400321	5		1.2	1	17	21	363
750	600	6308793	400346	5		0.2	9	48	26	107
750	625	6308793	400371	5		1.4	4	53	24	172
750	650	6308793	400396	5		1.5	5	34	17	57
750	675	6308793	400421	5		0.9	5	34	23	151
750	700	6308793	400446	5		1.6	8	53	21	70
750	725	6308793	400471	5		1.1	6	39	29	121
750	750	6308793	400496	5		0.9	1	15	23	61
750	775	6308793	400521	5		2.2	1	20	43	77
750	800	6308793	400546	10		1.6	13	53	35	138
750	825	6308793	400571	5		1.8	6	59	25	111
750	950	6308793	400696	5		1.8	11	113	25	136
800	0	6308843	399746	5		0.4	9	35	15	78
800	25	6308843	399771	5		0.6	16	44	21	81
800	50	6308843	399796	5		0.5	5	16	19	80
800	75	6308843	399821	5		0.5	13	43	20	81
800	100	6308843	399846	5		0.5	6	48	13	88
800	125	6308843	399871	10		0.7	9	41	13	69
800	150	6308843	399896	5		0.7	7	22	18	103
800	175	6308843	399921	5		0.4	10	62	21	119
800	200	6308843	399946	120		0.5	9	220	29	156
800	225	6308843	399971	290		1.9	4	123	27	125
800	250	6308843	399996	5		0.9	5	23	26	214
800	275	6308843	400021	5		1	6	17	28	321
800	725	6308843	400471	5		2.2	1	8	25	43
800	750	6308843	400496	5		0.7	8	9	16	90
800	775	6308843	400521	75		0.8	1	16	20	54
800	875	6308843	400621	5		1.4	7	84	20	109

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
850	0	6308893	399746	5		0.5	9	48	18	89
850	25	6308893	399771	10		0.6	7	23	17	70
850	50	6308893	399796	5		0.7	11	19	18	98
850	75	6308893	399821	5		0.5	9	24	19	76
850	100	6308893	399846	5		0.2	10	41	10	63
850	125	6308893	399871	15		0.3	9	64	12	70
850	150	6308893	399896	5		0.6	6	13	13	90
1000	175	6309043	399921	5		0.7	1	23	19	70
1000	200	6309043	399946	5		1	1	25	17	90
1000	225	6309043	399971	10		0.7	8	49	33	197
1000	250	6309043	399996	70		0.3	2	62	40	140
1000	275	6309043	400021	80		0.6	2	66	12	101
1050	0	6309093	399746	5		1.5	1	45	12	63
1050	50	6309093	399796	5		0.4	8	53	11	83
1050	75	6309093	399821	5		0.5	1	23	23	103
1050	100	6309093	399846	5		0.5	1	24	21	103
1050	125	6309093	399871	100		0.8	23	173	16	97
1050	175	6309093	399921	10		0.4	4	61	13	60
1050	200	6309093	399946	5		1.2	3	17	22	81
1050	225	6309093	399971	80		0.3	4	15	27	122
1050	250	6309093	399996	40		0.5	1	33	45	160
1050	275	6309093	400021	5		0.5	5	114	29	148
1050	325	6309093	400071	10		0.8	6	59	20	87
1050	350	6309093	400096	5		1.3	2	53	24	322
1050	375	6309093	400121	5		0.8	6	28	19	77
1050	400	6309093	400146	5		0.5	8	49	19	94
1050	425	6309093	400171	5		1.4	10	12	16	91
1050	450	6309093	400196	5		0.6	16	28	20	310
1050	475	6309093	400221	5		0.7	7	31	24	109
1050	525	6309093	400271	5		0.9	4	19	16	82
1050	575	6309093	400321	10		0.9	4	18	48	225
1050	600	6309093	400346	10		0.6	7	44	53	200
1050	625	6309093	400371	5		1.2	1	10	19	76
1050	650	6309093	400396	5		0.6	7	13	11	74
1050	675	6309093	400421	5		1	1	18	21	126
1050	700	6309093	400446	10		1.2	6	22	20	76
1050	750	6309093	400496	5		1.1	20	71	34	109
1050	775	6309093	400521	5		1.7	2	37	25	91
1050	800	6309093	400546	5		2.2	5	19	20	50
1050	825	6309093	400571	5		2.5	1	7	22	76
1050	850	6309093	400596	10		0.7	10	36	28	98
1050	875	6309093	400621	10		0.4	10	45	37	95
1050	900	6309093	400646	15		0.4	5	41	38	129
1050	925	6309093	400671	5		1	7	41	30	95
1050	950	6309093	400696	5		1.9	14	38	22	74
1050	975	6309093	400721	10		0.7	15	74	39	203
1050	1000	6309093	400746	5		0.8	10	54	38	146
1050	1025	6309093	400771	20		0.5	21	111	41	167
1050	1050	6309093	400796	5		0.6	10	66	42	185

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
1050	1075	6309093	400821	5		1.2	1	25	37	104
1050	1100	6309093	400846	5		1	9	37	39	184
1050	1125	6309093	400871	5		1.1	11	62	38	117
1050	1150	6309093	400896	10		1.4	13	78	45	124
1050	1175	6309093	400921	5		0.9	16	85	39	214
1050	1200	6309093	400946	5		1.3	6	45	33	86
1050	1225	6309093	400971	5		1.5	10	135	35	171
1050	1250	6309093	400996	5		1.5	11	87	39	139
1100	0	6309143	399746	5		0.6	17	55	13	68
1100	25	6309143	399771	5		0.6	9	33	18	74
1100	50	6309143	399796	10		0.2	14	23	13	114
1100	75	6309143	399821	5		0.2	12	44	18	103
1100	100	6309143	399846	5		0.6	52	28	17	72
1100	125	6309143	399871	5		0.2	5	30	18	93
1100	150	6309143	399896	5		0.3	13	229	29	90
1100	175	6309143	399921	5		0.4	17	42	25	130
1100	200	6309143	399946	10		0.7	7	25	18	108
1100	225	6309143	399971	15		0.2	14	35	38	201
850	175	6308893	399921	15		1	24	141	103	414
850	200	6308893	399946	110		0.8	10	203	76	254
850	225	6308893	399971	55		0.6	8	152	40	163
850	250	6308893	399996	140		0.1	6	148	21	68
850	275	6308893	400021	20		1.3	12	1866	28	220
850	325	6308893	400071	65		0.5	7	42	21	661
850	350	6308893	400096	5		0.7	7	29	24	138
850	375	6308893	400121	45		1.1	13	51	21	121
850	400	6308893	400146	30		1.1	6	24	26	111
850	425	6308893	400171	5		0.4	8	27	50	189
850	450	6308893	400196	5		1.7	3	38	29	482
850	475	6308893	400221	5		0.7	13	34	29	129
850	500	6308893	400246	10		1	4	21	31	167
850	525	6308893	400271	5		2	13	63	36	362
850	550	6308893	400296	5		1.4	4	12	28	88
850	575	6308893	400321	5		0.8	5	22	32	140
850	600	6308893	400346	10		1.2	6	26	36	130
850	625	6308893	400371	5		1.5	7	29	28	140
850	650	6308893	400396	5		0.6	12	31	27	62
850	675	6308893	400421	15		1.1	4	23	33	80
850	700	6308893	400446	5		1.4	7	34	21	73
850	725	6308893	400471	5		0.9	1	22	22	67
850	750	6308893	400496	5		1.2	5	40	20	80
850	775	6308893	400521	5		1.4	1	23	23	70
850	800	6308893	400546	5		1.4	10	30	26	96
850	875	6308893	400621	60		1.8	11	65	26	121
950	0	6308993	399746	5		0.7	8	15	26	80
950	25	6308993	399771	5		0.6	19	38	18	62
950	50	6308993	399796	5		0.3	3	38	24	99
950	75	6308993	399821	5		0.4	5	25	18	81
950	100	6308993	399846	10		0.7	8	63	236	89

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn
950	125	6308993	399871	5	0.6	14	78	30	116
950	150	6308993	399896	5	0.8	21	44	19	73
950	175	6308993	399921	5	0.7	9	87	23	120
950	200	6308993	399946	5	1.1	1	16	19	79
950	225	6308993	399971	45	0.6	1	47	34	122
950	250	6308993	399996	50	0.8	7	101	29	175
950	275	6308993	400021	15	0.6	6	98	24	121
950	325	6308993	400071	5	0.4	8	31	20	85
950	350	6308993	400096	5	1.2	3	16	22	80
950	375	6308993	400121	10	0.6	1	12	35	210
950	400	6308993	400146	5	1.3	12	32	27	238
950	425	6308993	400171	5	1	3	22	19	102
950	450	6308993	400196	5	0.7	1	21	21	91
950	475	6308993	400221	10	1.1	1	39	53	315
950	500	6308993	400246	5	0.7	4	25	44	221
950	525	6308993	400271	20	0.2	1	14	33	131
950	550	6308993	400296	5	0.7	10	12	26	109
950	575	6308993	400321	5	0.8	13	48	45	158
950	600	6308993	400346	5	1	1	15	26	144
950	625	6308993	400371	5	1.2	10	24	23	123
950	650	6308993	400396	5	1.4	1	17	26	113
950	675	6308993	400421	5	1.5	6	17	25	71
1000	0	6309043	399746	10	1.8	1	27	8	39
1000	25	6309043	399771	5	2.1	1	16	16	60
1000	50	6309043	399796	5	0.5	9	24	16	60
1000	75	6309043	399821	5	0.4	7	51	24	106
1000	100	6309043	399846	5	0.6	14	102	26	103
1000	125	6309043	399871	10	0.9	10	51	14	70
1000	150	6309043	399896	5	0.8	16	114	25	122
1100	250	6309143	399996	5	0.3	1	39	31	335
1100	275	6309143	400021	10	0.3	1	32	39	130
1100	800	6309143	400546	10	1	11	34	30	115
1100	825	6309143	400571	5	0.6	20	50	32	98
1100	850	6309143	400596	5	1.1	2	33	24	69
1100	875	6309143	400621	10	0.3	19	87	37	151
1100	900	6309143	400646	15	0.2	17	73	33	134
1100	925	6309143	400671	5	0.6	3	23	25	90
1100	950	6309143	400696	10	1.3	5	25	28	122
1100	975	6309143	400721	5	0.7	1	43	27	109
1100	1000	6309143	400746	40	0.6	1	35	24	117
1100	1025	6309143	400771	5	1.4	10	38	44	113
1100	1050	6309143	400796	5	0.3	18	105	37	194
1100	1075	6309143	400821	5	0.3	23	92	35	182
1100	1100	6309143	400846	5	0.8	10	61	34	140
1100	1125	6309143	400871	5	1.3	20	96	49	165
1100	1150	6309143	400896	5	1.2	17	81	45	144
1100	1175	6309143	400921	5	0.6	8	106	22	184
1100	1200	6309143	400946	5	0.3	1	84	20	155
1100	1225	6309143	400971	1	1.5	11	61	18	144

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
1100	1250	6309143	400996	5		1.1	10	173	26	149
1100	1275	6309143	401021	5		0.5	7	71	23	86
1100	1300	6309143	401046	5		1.1	8	113	17	127
1150	0	6309193	399746	5		0.3	6	31	7	68
1150	25	6309193	399771	10		0.4	17	25	19	88
1150	50	6309193	399796	5		0.7	11	73	17	86
1150	75	6309193	399821	5		0.4	17	72	20	132
1150	100	6309193	399846	5		1.6	1	40	16	121
1150	125	6309193	399871	5		0.2	13	99	51	132
1150	150	6309193	399896	5		0.1	3	227	35	130
1150	175	6309193	399921	5		1.7	15	21	30	78
1150	200	6309193	399946	165		2.1	3	36	24	192
1150	225	6309193	399971	140		0.7	8	196	34	155
1150	250	6309193	399996	10		0.7	1	62	36	179
1150	275	6309193	400021	5		0.5	1	70	20	152
1150	325	6309193	400071	5		1	1	25	17	88
1150	350	6309193	400096	5		1.6	5	25	18	100
1150	375	6309193	400121	10		0.6	9	40	21	103
1150	400	6309193	400146	5		2.3	13	28	34	161
1150	425	6309193	400171	5		0.4	16	36	23	89
1150	450	6309193	400196	5		1.1	10	23	17	70
1150	475	6309193	400221	5		0.3	3	21	19	92
1150	500	6309193	400246	5		1	13	31	26	111
1150	525	6309193	400271	5		1.2	6	33	28	105
1150	550	6309193	400296	5		1	5	19	25	107
1150	575	6309193	400321	10		0.9	9	23	40	68
1150	600	6309193	400346	5		0.8	6	18	24	55
1150	625	6309193	400371	5		0.7	20	58	36	131
1150	650	6309193	400396	5		0.5	7	19	22	79
1150	675	6309193	400421	25		1.1	31	48	31	105
1150	700	6309193	400446	15		1	4	12	16	261
1150	725	6309193	400471	15		2.2	49	54	35	185
1150	750	6309193	400496	5		1.8	29	34	14	66
1150	825	6309193	400571	5		1.7	9	109	28	163
1150	850	6309193	400596	5		2	16	81	38	96
1150	875	6309193	400621	10		1.8	12	101	33	109
1150	900	6309193	400646	5		1.3	11	36	33	174
1150	925	6309193	400671	5		0.8	14	40	27	108
1150	950	6309193	400696	5		0.8	2	24	32	151
1150	975	6309193	400721	5		1.2	14	83	45	158
1600	150	6309643	399896	10		0.1	4	28	25	69
1600	175	6309643	399921	5		0.5	1	40	19	79
1600	225	6309643	399971	15		0.1	4	36	14	80
1600	275	6309643	400021	25		0.1	6	34	23	266
1600	1025	6309643	400771	5		0.4	1	37	15	110
1600	1050	6309643	400796	10		0.5	1	29	25	123
1600	1075	6309643	400821	10		0.4	1	26	31	94
1600	1100	6309643	400846	5		1	1	32	24	86
1600	1125	6309643	400871	5		0.9	1	91	14	155

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
1600	1150	6309643	400896	5		1.4	1	447	27	113
1600	1175	6309643	400921	20		0.5	1	36	17	111
1600	1200	6309643	400946	5		0.9	6	63	9	99
1600	1225	6309643	400971	5		0.5	1	24	24	121
1600	1250	6309643	400996	5		0.5	1	30	34	155
1600	1275	6309643	401021	5		0.7	4	47	43	179
1600	1300	6309643	401046	5		2.5	1	70	73	80
1700	0	6309743	399746	10		0.1	3	61	15	82
1700	1025	6309743	400771	5		0.5	5	54	32	197
1700	1050	6309743	400796	5		0.5	7	37	23	182
1700	1075	6309743	400821	5		1.2	10	92	28	171
1700	1100	6309743	400846	5		1.1	2	108	23	185
1700	1125	6309743	400871	5		1	1	101	22	162
1700	1150	6309743	400896	5		1.1	3	174	28	243
1700	1175	6309743	400921	5		0.8	1	53	39	161
1700	1200	6309743	400946	10		0.5	6	43	40	137
1700	1225	6309743	400971	5		1	1	172	34	219
1700	1250	6309743	400996	5		1.2	6	36	83	118
1700	1275	6309743	401021	5		1.1	10	72	39	155
1700	1300	6309743	401046	5		1	11	75	30	148
1800	0	6309843	399746	5		0.1	6	55	16	84
1800	1025	6309843	400771	5		1	5	76	51	184
1800	1050	6309843	400796	10		1.1	1	82	18	198
1800	1075	6309843	400821	5		0.8	8	52	48	176
1800	1100	6309843	400846	5		1.2	1	66	43	201
1800	1150	6309843	400896	5		0.8	6	57	51	188
1800	1175	6309843	400921	5		1.2	6	47	54	159
1800	1200	6309843	400946	15		1.4	4	153	38	234
1800	1225	6309843	400971	20		1.2	11	69	47	187
1800	1250	6309843	400996	10		0.9	9	38	38	120
1800	1275	6309843	401021	5		1.3	22	75	45	180
1900	0	6309943	399746	5		0.1	25	84	25	102
1900	875	6309943	400621	5		0.4	14	65	68	205
1900	900	6309943	400646	15		0.6	21	139	42	198
1900	925	6309943	400671	5		0.9	22	202	51	243
1900	950	6309943	400696	5		0.9	22	226	60	379
1900	975	6309943	400721	5		0.8	12	37	51	177
1900	1000	6309943	400746	5		1	17	47	44	190
1900	1025	6309943	400771	5		3.2	21	74	95	257
1900	1050	6309943	400796	5		1.2	14	46	53	175
1900	1075	6309943	400821	5		1	9	51	44	174
1900	1100	6309943	400846	5		1	19	122	24	218
1900	1275	6309943	401021	5		1.7	14	80	42	203
2000	750	6310043	400496	5		0.4	7	26	32	127
2000	775	6310043	400521	170		0.6	8	35	22	99
2000	800	6310043	400546	5		0.2	5	22	30	110
2000	825	6310043	400571	5		0.3	10	31	52	144
2000	850	6310043	400596	5		0.3	8	36	34	213
2000	875	6310043	400621	5		0.3	10	92	28	115

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
2000	900	6310043	400646	5		0.5	18	37	34	207
2000	925	6310043	400671	5		0.3	17	45	68	243
2500	275	6310543	400021	10		1.6	5	22	95	76
2600	200	6310643	399946	5		0.1	18	81	45	134
2600	225	6310643	399971	10		0.7	5	43	27	98
2600	250	6310643	399996	5		0.2	2	62	19	96
2600	275	6310643	400021	90		0.5	2	33	24	72
1200	775	6309243	400521	110		0.6	4	82	50	172
0	450	6308043	400196	5		0.7	3	15	24	92
1000	475	6309043	400221	5		0.4	2	25	36	159
1000	500	6309043	400246	5		1.3	9	29	33	139
1000	525	6309043	400271	5		0.5	8	51	40	485
1000	550	6309043	400296	10		0.5	14	27	32	157
1000	575	6309043	400321	10		0.3	14	30	31	145
1000	600	6309043	400346	5		0.5	2	16	26	113
1000	625	6309043	400371	5		1.1	1	13	22	85
1000	650	6309043	400396	5		1.1	1	14	21	86
1000	675	6309043	400421	5		1.9	4	58	22	84
1100	350	6309143	400096	15		0.7	4	256	29	289
1100	375	6309143	400121	5		1	1	7	20	63
1100	400	6309143	400146	5		1.5	1	20	16	87
1100	425	6309143	400171	5		1.1	1	16	15	81
1100	450	6309143	400196	10		0.5	1	12	17	97
1100	475	6309143	400221	5		1.4	1	13	23	67
1100	500	6309143	400246	5		0.7	1	17	37	84
1100	525	6309143	400271	5		1.1	5	12	21	80
1100	550	6309143	400296	5		0.5	1	4	39	134
1100	575	6309143	400321	10		0.8	49	74	290	343
1100	600	6309143	400346	10		0.9	30	80	60	184
1100	625	6309143	400371	5		1.3	1	17	27	91
1100	650	6309143	400396	5		1.6	14	43	26	102
1100	675	6309143	400421	5		0.8	19	35	19	113
1100	700	6309143	400446	5		1	8	5	21	99
1200	325	6309243	400071	10		1.1	1	9	19	65
1200	350	6309243	400096	5		1	1	8	24	83
1200	375	6309243	400121	5		1	1	3	20	82
1200	425	6309243	400171	5		1.2	1	9	13	69
1200	450	6309243	400196	5		0.6	2	18	17	0
1200	475	6309243	400221	5		0.1	2	23	15	84
1200	500	6309243	400246	5		0.1	1	22	20	96
1200	525	6309243	400271	15		0.1	35	17	401	337
1200	550	6309243	400296	5		0.1	11	33	36	286
1200	575	6309243	400321	5		0.1	8	13	26	112
1200	600	6309243	400346	5		0.1	16	50	30	145
1200	625	6309243	400371	5		0.1	2	20	42	122
1200	650	6309243	400396	5		0.1	5	12	16	93
1200	675	6309243	400421	5		0.1	410	93	44	79
1200	700	6309243	400446	5		0.1	18	31	22	135
1200	725	6309243	400471	10		0.1	18	34	28	208

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn
1200	750	6309243	400496	5	0.1	10	24	27	200
1200	800	6309243	400546	5	0.1	7	62	38	195
1200	825	6309243	400571	5	0.1	6	51	22	140
1200	850	6309243	400596	35	0.1	6	30	21	109
1200	900	6309243	400646	10	0.1	6	52	42	148
1200	925	6309243	400671	5	0.1	9	88	39	182
1200	950	6309243	400696	5	0.1	9	24	24	101
1200	975	6309243	400721	5	0.1	4	60	29	152
1200	1000	6309243	400746	5	0.1	7	45	36	167
1300	325	6309343	400071	5	0.1	2	61	26	151
1300	350	6309343	400096	40	0.1	1	23	17	50
1300	375	6309343	400121	10	0.1	1	23	18	49
1300	400	6309343	400146	5	0.1	15	67	23	89
1300	425	6309343	400171	5	0.1	11	93	21	123
1300	450	6309343	400196	5	0.1	5	33	16	58
1300	475	6309343	400221	5	0.1	6	30	24	143
1300	500	6309343	400246	5	0.1	1	33	18	56
1300	525	6309343	400271	5	0.1	5	31	18	86
1300	550	6309343	400296	5	0.1	1	31	19	65
1500	750	6309543	400496	30	0.6	1	152	26	141
1500	775	6309543	400521	125	0.6	6	87	34	129
1500	800	6309543	400546	50	0.6	2	93	37	145
1500	825	6309543	400571	30	0.4	7	51	31	150
1500	850	6309543	400596	35	0.5	7	40	33	120
1500	875	6309543	400621	25	0.8	8	78	20	106
1500	900	6309543	400646	20	1.2	16	83	26	177
1500	925	6309543	400671	25	0.8	13	111	39	146
1500	950	6309543	400696	145	0.6	10	147	39	170
1500	975	6309543	400721	20	0.1	7	44	23	168
1500	1000	6309543	400746	25	0.9	9	51	24	137
1600	325	6309643	400071	10	0.7	7	390	27	629
1600	350	6309643	400096	20	0.7	1	30	26	83
1600	375	6309643	400121	50	0.8	4	38	15	59
1600	400	6309643	400146	5	0.1	3	42	18	74
1600	425	6309643	400171	5	0.5	11	27	21	101
1600	450	6309643	400196	10	0.1	6	60	22	102
1600	475	6309643	400221	10	0.5	1	61	19	160
1600	500	6309643	400246	5	1.2	1	37	19	105
1600	525	6309643	400271	45	0.2	10	54	24	112
1600	550	6309643	400296	35	0.3	10	76	21	96
1600	575	6309643	400321	5	0.1	6	105	26	102
1600	600	6309643	400346	5	0.9	13	57	52	173
1600	650	6309643	400396	10	0.3	12	64	34	170
1600	675	6309643	400421	30	0.3	18	74	32	160
1600	700	6309643	400446	45	0.3	13	62	25	143
1600	725	6309643	400471	50	1.1	3	122	25	148
1600	750	6309643	400496	35	0.5	15	83	33	163
1600	775	6309643	400521	25	0.5	7	105	29	131
1600	800	6309643	400546	50	0.3	12	92	28	149



Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
1600	825	6309643	400571	40		0.5	1	111	25	125
1600	850	6309643	400596	5		0.5	7	79	28	183
1600	875	6309643	400621	30		1	3	187	32	268
1600	900	6309643	400646	15		0.2	1	259	39	207
1600	925	6309643	400671	35		0.4	1	118	20	76
1600	950	6309643	400696	5		1.3	11	34	41	124
1600	975	6309643	400721	5		0.4	1	54	26	134
1600	1000	6309643	400746	5		0.4	6	49	35	136
1700	400	6309743	400146	5		0.3	14	92	24	127
1700	425	6309743	400171	5		0.6	1	33	19	113
1700	525	6309743	400271	5		0.4	3	40	14	85
1700	575	6309743	400321	10		0.3	20	141	35	181
1700	600	6309743	400346	20		0.9	7	203	43	145
1700	625	6309743	400371	5		4	6	98	31	151
1700	650	6309743	400396	5		0.5	17	109	27	196
1700	675	6309743	400421	5		0.7	6	73	29	200
1700	700	6309743	400446	5		0.7	12	104	30	144
1700	725	6309743	400471	35		0.5	9	76	17	119
1700	750	6309743	400496	5		0.4	10	77	25	124
1700	775	6309743	400521	5		0.4	13	69	37	164
1700	800	6309743	400546	10		0.1	4	150	90	196
1700	825	6309743	400571	20		0.5	8	444	58	224
1700	850	6309743	400596	5		0.3	8	154	34	130
1700	875	6309743	400621	30		0.3	5	209	30	124
1700	900	6309743	400646	5		0.5	9	101	29	145
1700	925	6309743	400671	285		0.7	16	163	30	117
1700	950	6309743	400696	5		0.2	8	27	24	84
1700	975	6309743	400721	5		0.4	4	58	20	84
1800	550	6309843	400296	115		0.4	14	171	29	134
1800	575	6309843	400321	15		0.3	11	128	21	102
1250	1125	6309293	400871	5		0.4	4	26	37	148
1250	1150	6309293	400896	10		0.9	3	64	51	166
1300	0	6309343	399746	5		0.4	1	33	30	78
1300	25	6309343	399771	5		0.4	1	93	13	69
1300	50	6309343	399796	5		0.5	1	25	14	63
1300	75	6309343	399821	5		0.4	1	40	13	108
1300	100	6309343	399846	5		0.9	1	36	9	71
1300	125	6309343	399871	10		0.4	1	37	14	109
1300	150	6309343	399896	5		1.3	1	21	14	78
1300	175	6309343	399921	5		1.4	1	29	17	133
1300	200	6309343	399946	5		0.5	1	23	16	79
1300	225	6309343	399971	5		0.4	1	13	16	49
1300	275	6309343	400021	10		0.9	1	25	12	107
1350	0	6309393	399746	5		0.4	1	21	10	66
1350	25	6309393	399771	5		0.4	2	32	13	62
1350	50	6309393	399796	5		0.4	1	18	20	76
1350	75	6309393	399821	5		0.5	1	24	21	95
1350	100	6309393	399846	5		0.6	1	32	11	78
1350	125	6309393	399871	10		0.4	1	49	12	123

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn
1350	175	6309393	399921	5	0.4	3	14	17	137
1350	200	6309393	399946	5	0.8	2	33	19	122
1350	225	6309393	399971	10	0.4	1	28	14	236
1350	250	6309393	399996	10	0.6	3	58	19	207
1350	275	6309393	400021	100	0.4	4	42	14	97
1350	325	6309393	400071	10	0.4	1	23	21	134
1350	350	6309393	400096	20	0.4	3	60	18	126
1350	375	6309393	400121	5	0.7	1	27	22	120
1350	400	6309393	400146	5	0.7	1	39	26	172
1350	425	6309393	400171	5	0.6	1	37	19	122
1350	450	6309393	400196	5	0.5	2	13	20	59
1350	475	6309393	400221	5	1.1	1	26	17	103
1350	500	6309393	400246	5	0.7	2	18	20	63
1350	525	6309393	400271	80	0.3	13	37	20	98
1350	550	6309393	400296	5	0.8	7	21	22	91
1350	575	6309393	400321	5	0.3	10	34	17	117
1350	600	6309393	400346	5	0.5	12	40	24	144
1350	625	6309393	400371	10	0.6	1	28	31	156
1350	650	6309393	400396	5	0.9	1	32	23	140
1350	725	6309393	400471	10	0.7	5	52	29	145
1350	750	6309393	400496	5	1.1	1	26	23	115
1350	775	6309393	400521	5	0.3	1	34	48	162
1350	800	6309393	400546	5	0.7	12	110	47	185
1350	825	6309393	400571	5	0.3	6	57	27	100
1350	850	6309393	400596	10	0.3	1	19	21	73
1350	875	6309393	400621	5	0.7	3	79	36	184
1350	900	6309393	400646	10	0.5	1	22	27	161
1350	925	6309393	400671	10	1.3	1	53	27	103
1350	950	6309393	400696	5	0.6	22	65	23	192
1350	975	6309393	400721	5	0.3	4	74	30	181
1350	1000	6309393	400746	5	0.4	8	58	34	181
1350	1025	6309393	400771	5	1	1	38	27	133
1350	1050	6309393	400796	5	0.8	1	28	37	177
1350	1075	6309393	400821	10	0.6	1	42	45	181
1350	1100	6309393	400846	10	0.3	3	47	39	193
1350	1125	6309393	400871	5	0.8	4	76	29	168
1350	1150	6309393	400896	5	1	1	31	24	152
1350	1175	6309393	400921	5	1.5	1	33	16	134
1400	0	6309443	399746	5	0.3	1	24	8	67
1400	25	6309443	399771	10	0.5	1	22	19	73
1150	1000	6309193	400746	5	0.6	1	60	30	97
1150	1025	6309193	400771	10	0.3	2	29	24	125
1150	1050	6309193	400796	5	0.5	1	23	48	147
1150	1075	6309193	400821	5	0.4	4	40	49	178
1150	1100	6309193	400846	5	1.5	12	53	28	149
1150	1125	6309193	400871	5	0.7	6	144	43	168
1150	1150	6309193	400896	5	0.8	2	85	26	151
1150	1175	6309193	400921	10	0.8	20	74	33	159
1150	1200	6309193	400946	5	0.7	1	43	39	159

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
1150	1225	6309193	400971	5		1	4	43	42	149
1200	0	6309243	399746	5		0.4	9	37	14	82
1200	25	6309243	399771	10		0.3	3	27	18	80
1200	50	6309243	399796	10		0.3	1	28	15	55
1200	75	6309243	399821	5		1	8	31	22	108
1200	100	6309243	399846	5		0.3	4	34	16	71
1200	125	6309243	399871	5		0.3	1	31	18	102
1200	150	6309243	399896	20		1	13	85	26	190
1200	175	6309243	399921	5		0.6	7	44	22	160
1200	200	6309243	399946	5		0.4	1	25	16	95
1200	225	6309243	399971	5		0.3	4	21	19	95
1200	250	6309243	399996	5		1.1	2	49	21	91
1200	275	6309243	400021	5		0.8	1	43	14	217
1250	0	6309293	399746	10		0.5	1	28	22	61
1250	25	6309293	399771	5		0.3	10	49	12	84
1250	75	6309293	399821	10		0.3	6	34	17	78
1250	100	6309293	399846	10		0.4	5	47	14	75
1250	125	6309293	399871	5		0.5	1	24	10	71
1250	150	6309293	399896	5		0.7	1	36	18	55
1250	200	6309293	399946	5		0.7	1	46	17	253
1250	225	6309293	399971	50		0.3	2	23	41	160
1250	250	6309293	399996	5		0.1	11	36	26	181
1250	275	6309293	400021	10		1.2	3	198	19	181
1250	325	6309293	400071	5		1.8	1	26	18	52
1250	400	6309293	400146	20		1.5	10	49	56	177
1250	425	6309293	400171	5		0.7	8	50	24	74
1250	450	6309293	400196	5		0.3	1	24	19	90
1250	475	6309293	400221	5		0.4	12	26	22	121
1250	500	6309293	400246	50		0.5	13	12	22	147
1250	525	6309293	400271	5		0.7	3	25	16	99
1250	550	6309293	400296	130		0.1	3	28	23	98
1250	575	6309293	400321	5		0.3	4	21	23	137
1250	600	6309293	400346	5		0.6	10	25	27	130
1250	625	6309293	400371	5		1	15	35	24	104
1250	650	6309293	400396	5		0.2	14	27	18	69
1250	675	6309293	400421	10		0.8	1	16	17	68
1250	700	6309293	400446	5		0.4	11	33	24	80
1250	775	6309293	400521	5		0.8	6	41	31	161
1250	800	6309293	400546	5		0.6	12	59	38	186
1250	825	6309293	400571	10		0.6	10	56	48	151
1250	850	6309293	400596	10		0.6	7	76	56	168
1250	875	6309293	400621	20		0.5	7	46	32	165
1250	900	6309293	400646	5		0.7	10	42	36	161
1250	925	6309293	400671	5		0.7	13	43	54	253
1250	950	6309293	400696	40		0.9	12	36	57	231
1250	975	6309293	400721	5		0.4	4	22	28	122
1250	1000	6309293	400746	5		0.8	11	51	34	193
1250	1025	6309293	400771	5		1.7	9	30	28	121
1250	1050	6309293	400796	5		0.2	2	46	31	97

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
1250	1075	6309293	400821	5		0.5	3	26	38	187
1250	1100	6309293	400846	5		0.4	11	46	36	183
1400	50	6309443	399796	10		1.9	1	15	16	58
1400	75	6309443	399821	5		0.7	14	23	11	54
1400	100	6309443	399846	20		0.6	1	24	15	63
1400	125	6309443	399871	5		0.6	1	32	17	84
1400	150	6309443	399896	5		0.4	4	70	12	76
1400	175	6309443	399921	5		0.4	18	119	38	147
1400	200	6309443	399946	250		0.4	7	65	27	96
1400	225	6309443	399971	50		0.4	11	50	28	137
1400	250	6309443	399996	20		0.4	15	96	24	124
1400	275	6309443	400021	10		1.1	1	42	20	84
1400	1025	6309443	400771	5		1.3	1	35	25	192
1400	1050	6309443	400796	5		1.2	8	30	34	163
1400	1075	6309443	400821	5		0.9	1	20	17	89
1400	1100	6309443	400846	5		1.1	1	23	25	131
1400	1125	6309443	400871	10		0.8	1	60	10	121
1400	1150	6309443	400896	5		0.8	1	27	16	100
1400	1175	6309443	400921	5		2.9	1	22	17	64
1400	1200	6309443	400946	5		1.1	3	41	27	100
1400	1225	6309443	400971	5		1	4	50	22	121
1400	1250	6309443	400996	10		1.1	13	58	34	181
1400	1275	6309443	401021	5		1.2	3	53	24	126
1400	1300	6309443	401046	5		2.2	8	91	37	197
1450	0	6309493	399746	5		0.4	8	42	11	93
1450	25	6309493	399771	5		0.8	1	26	16	101
1450	50	6309493	399796	10		0.4	9	61	19	80
1450	75	6309493	399821	5		0.5	8	37	13	64
1450	100	6309493	399846	5		0.4	12	31	13	75
1450	125	6309493	399871	5		0.4	11	51	11	76
1450	150	6309493	399896	5		0.5	11	52	20	106
1450	175	6309493	399921	5		0.9	8	33	17	90
1450	200	6309493	399946	40		0.3	9	98	33	138
1450	225	6309493	399971	10		1.2	1	20	19	59
1450	250	6309493	399996	30		1.4	1	423	11	155
1450	275	6309493	400021	60		1	14	780	104	662
1450	325	6309493	400071	90		0.4	5	190	15	130
1450	350	6309493	400096	1000		0.5	2	36	21	189
1450	375	6309493	400121	5		1	1	51	8	95
1450	450	6309493	400196	10		0.7	9	27	23	127
1450	475	6309493	400221	5		0.3	3	27	22	102
1450	500	6309493	400246	5		0.3	6	25	24	126
1450	525	6309493	400271	10		0.3	7	48	22	146
1450	550	6309493	400296	5		0.4	11	28	22	122
1450	575	6309493	400321	5		0.3	11	30	20	104
1450	600	6309493	400346	5		1.4	1	37	14	114
1450	625	6309493	400371	10		0.3	12	84	35	142
1450	675	6309493	400421	5		0.7	1	33	21	92
1450	700	6309493	400446	40		0.9	8	183	26	172

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
1450	725	6309493	400471	5		0.7	5	63	28	170
1450	800	6309493	400546	5		0.8	17	70	28	196
1450	825	6309493	400571	5		0.8	15	51	23	165
1450	850	6309493	400596	5		0.5	4	62	40	159
1450	900	6309493	400646	5		1.1	17	66	23	201
1450	925	6309493	400671	10		0.6	11	78	37	161
1450	950	6309493	400696	5		0.8	10	117	36	218
1450	975	6309493	400721	5		0.7	1	44	32	135
1450	1000	6309493	400746	450		0.9	8	34	15	94
1450	1025	6309493	400771	5		1	8	31	22	104
1450	1050	6309493	400796	5		0.6	1	35	23	127
1450	1075	6309493	400821	5		0.5	1	42	29	159
1450	1100	6309493	400846	10		0.9	1	33	23	127
1450	1125	6309493	400871	5		0.9	1	75	11	152
1450	1150	6309493	400896	5		0.3	1	51	9	99
1450	1175	6309493	400921	5		1	1	18	21	73
1450	1200	6309493	400946	5		1.3	1	24	21	92
1450	1225	6309493	400971	5		1.3	1	109	29	155
1450	1250	6309493	400996	10		1.2	5	102	29	183
1450	1275	6309493	401021	5		1.6	1	29	26	100
1450	1300	6309493	401046	5		0.4	23	227	77	387
1500	0	6309543	399746	5		0.5	1	98	10	96
1500	25	6309543	399771	5		0.5	1	51	16	79
1500	50	6309543	399796	5		0.6	1	49	10	73
1500	125	6309543	399871	5		0.3	1	50	20	108
1500	150	6309543	399896	5		1.2	4	35	21	88
1500	175	6309543	399921	5		0.3	1	26	24	106
1500	200	6309543	399946	5		0.3	1	40	10	85
1500	225	6309543	399971	10		0.3	6	48	16	109
1500	250	6309543	399996	5		0.9	1	31	25	146
1500	275	6309543	400021	5		1.1	1	47	23	231
1500	1025	6309543	400771	5		0.3	1	56	19	124
1500	1050	6309543	400796	5		0.3	1	25	21	95
1550	0	6309593	399746	5		0.5	1	28	10	51
1550	25	6309593	399771	10		0.5	4	46	14	74
1550	50	6309593	399796	5		0.5	9	79	15	80
1550	125	6309593	399871	5		0.7	4	63	14	63
1550	150	6309593	399896	5		0.3	1	52	13	77
1550	175	6309593	399921	5		1	24	21	16	41
1550	200	6309593	399946	5		0.2	7	57	12	86
1550	225	6309593	399971	5		1.8	1	45	27	525
1550	250	6309593	399996	5		0.7	1	38	15	117
1550	275	6309593	400021	860		0.4	1	96	31	967
1550	325	6309593	400071	30		1.1	1	137	25	92
1550	350	6309593	400096	60		0.8	3	19	22	101
1550	375	6309593	400121	5		1	1	19	19	67
1550	400	6309593	400146	5		0.2	9	104	29	136
1550	425	6309593	400171	10		0.4	14	70	31	162
1550	450	6309593	400196	20		0.5	4	50	25	107

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
1550	475	6309593	400221	5		0.4	11	135	23	117
1550	500	6309593	400246	120		0.9	1	80	28	79
1550	525	6309593	400271	5		0.3	5	24	18	72
1550	550	6309593	400296	80		0.2	7	86	24	120
1550	575	6309593	400321	5		0.7	12	74	29	128
1550	600	6309593	400346	50		0.5	14	51	32	175
1550	625	6309593	400371	5		0.5	8	29	37	137
1550	700	6309593	400446	50		0.4	9	52	28	119
1550	725	6309593	400471	5		1	1	95	25	133
1550	750	6309593	400496	5		0.8	2	90	26	137
1550	775	6309593	400521	5		0.9	3	96	26	133
1550	800	6309593	400546	5		0.7	6	164	27	150
1550	825	6309593	400571	80		0.2	1	55	30	131
1550	850	6309593	400596	10		0.6	9	167	27	157
1550	875	6309593	400621	20		0.4	9	160	36	146
1550	900	6309593	400646	10		1.3	8	446	56	205
1550	925	6309593	400671	5		0.9	1	72	21	141
1550	950	6309593	400696	5		1.6	7	49	40	122
1550	975	6309593	400721	5		1	8	33	52	148
1550	1000	6309593	400746	5		0.6	3	39	35	148
1550	1025	6309593	400771	5		0.7	3	49	15	134
1550	1050	6309593	400796	5		1.4	1	93	26	263
1550	1075	6309593	400821	5		1.3	1	30	13	84
1550	1100	6309593	400846	10		1	1	33	26	111
1550	1125	6309593	400871	5		0.8	1	33	29	118
1550	1150	6309593	400896	10		0.9	8	33	24	119
1550	1175	6309593	400921	20		1	5	49	32	113
1550	1200	6309593	400946	5		1.3	1	62	35	149
1550	1225	6309593	400971	10		0.9	1	26	25	107
1550	1250	6309593	400996	5		0.4	1	41	27	114
1550	1275	6309593	401021	5		1.5	1	57	41	145
1550	1300	6309593	401046	5		1.7	1	95	35	186
1650	0	6309693	399746	10		0.3	8	32	20	112
1650	50	6309693	399796	5		0.4	1	32	14	84
1650	150	6309693	399896	5		0.3	1	27	13	92
1650	175	6309693	399921	5		0.4	1	38	9	103
1650	200	6309693	399946	5		0.2	1	41	13	122
1650	225	6309693	399971	5		0.3	1	41	6	122
1650	250	6309693	399996	10		1.2	1	22	14	182
1650	275	6309693	400021	500		0.1	1	119	27	95
1650	350	6309693	400096	130		0.3	5	34	29	220
1650	425	6309693	400171	30		0.4	5	75	24	135
1650	450	6309693	400196	10		0.6	13	27	16	101
1650	475	6309693	400221	10		0.8	1	96	16	75
1650	575	6309693	400321	5		0.6	10	131	32	144
1650	600	6309693	400346	5		0.4	7	153	30	162
1650	650	6309693	400396	10		0.5	10	118	22	156
1650	675	6309693	400421	5		0.5	8	58	24	143
1650	700	6309693	400446	5		0.3	10	70	28	115

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
1650	725	6309693	400471	5		0.2	13	53	29	143
1650	750	6309693	400496	10		0.5	11	122	36	185
1650	775	6309693	400521	5		0.5	8	126	33	150
1650	800	6309693	400546	5		0.2	9	65	35	154
1650	825	6309693	400571	5		0.2	5	304	34	140
1650	850	6309693	400596	30		0.2	4	189	52	290
1650	875	6309693	400621	20		0.4	9	146	33	162
1650	900	6309693	400646	5		0.4	7	391	87	182
1650	925	6309693	400671	70		0.2	6	902	41	118
1650	950	6309693	400696	5		0.9	1	68	18	160
1650	975	6309693	400721	5		1.6	1	113	12	125
1650	1000	6309693	400746	5		1.2	1	47	20	120
1650	1025	6309693	400771	5		0.9	1	52	20	136
1650	1050	6309693	400796	5		0.9	1	46	25	138
1650	1100	6309693	400846	5		1.4	4	40	28	120
1650	1125	6309693	400871	5		1.2	1	61	26	141
1650	1150	6309693	400896	5		1	1	120	1	124
1650	1175	6309693	400921	5		1.7	1	94	24	220
1650	1200	6309693	400946	10		1.4	5	55	40	186
1650	1225	6309693	400971	5		1.6	1	28	21	99
1650	1250	6309693	400996	5		1.1	1	37	37	134
1650	1275	6309693	401021	5		0.9	5	34	30	132
1650	1300	6309693	401046	10		1.4	1	31	41	136
1750	0	6309793	399746	5		0.3	1	47	17	102
1750	25	6309793	399771	5		0.2	1	44	21	102
1750	525	6309793	400271	5		0.5	9	51	17	80
1750	550	6309793	400296	5		1	1	61	24	70
1750	575	6309793	400321	60		0.6	9	147	25	100
1750	600	6309793	400346	160		0.5	8	299	38	135
1750	975	6309793	400721	10		1.1	8	69	40	165
1750	1000	6309793	400746	5		1.3	1	59	56	208
1750	1025	6309793	400771	5		1.7	1	52	26	115
1750	1050	6309793	400796	5		0.9	1	41	34	134
1750	1075	6309793	400821	5		1.3	1	19	24	112
1750	1100	6309793	400846	5		1.6	1	51	14	112
1750	1125	6309793	400871	5		1.8	1	122	33	200
1750	1200	6309793	400946	10		1.3	1	36	44	150
1750	1225	6309793	400971	5		1.7	4	79	40	166
1750	1250	6309793	400996	5		1.3	5	56	54	201
1750	1275	6309793	401021	5		2.1	1	85	44	203
1850	525	6309893	400271	5		0.8	8	65	36	122
1850	550	6309893	400296	90		1.2	6	135	27	126
1850	575	6309893	400321	70		0.6	8	55	24	104
1850	600	6309893	400346	40		0.4	1	171	25	100
1850	625	6309893	400371	10		0.5	6	176	22	94
1850	650	6309893	400396	10		0.4	1	113	23	114
1850	675	6309893	400421	50		0.9	10	163	32	158
1850	700	6309893	400446	5		0.4	1	66	32	133
1850	725	6309893	400471	5		0.9	5	128	21	124

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
1850	750	6309893	400496	750		0.4	1	263	35	140
1850	775	6309893	400521	140		0.5	1	110	26	178
1850	800	6309893	400546	10		0.4	1	66	41	177
1850	825	6309893	400571	190		1	6	207	30	220
1850	850	6309893	400596	10		0.5	3	138	35	146
1850	875	6309893	400621	5		0.4	1	18	16	180
1850	900	6309893	400646	5		0.4	1	140	30	131
1850	925	6309893	400671	5		0.5	1	61	44	145
1850	950	6309893	400696	5		0.8	14	191	63	411
1850	975	6309893	400721	180		1	55	30	41	213
1850	1000	6309893	400746	10		1.3	2	50	38	217
1850	1025	6309893	400771	5		1.4	1	121	23	219
1850	1075	6309893	400821	5		0.9	6	52	28	186
1850	1100	6309893	400846	5		1.6	1	73	40	165
1850	1125	6309893	400871	5		1.9	1	83	45	183
1850	1150	6309893	400896	5		1.7	1	72	42	178
1850	1175	6309893	400921	5		0.9	1	38	71	197
1850	1200	6309893	400946	5		0.2	2	79	22	95
1950	425	6309993	400171	5		0.2	5	77	31	142
1950	450	6309993	400196	5		0.7	12	64	37	163
1950	475	6309993	400221	150		0.6	1	98	23	82
1950	500	6309993	400246	5		0.2	2	117	25	139
1950	525	6309993	400271	5		0.8	1	195	22	145
1950	575	6309993	400321	5		0.3	7	123	32	133
1950	600	6309993	400346	20		0.6	10	157	31	145
1950	625	6309993	400371	5		0.2	1	106	30	106
1950	650	6309993	400396	5		0.3	3	38	28	118
1950	675	6309993	400421	10		0.5	15	114	51	292
1950	700	6309993	400446	5		0.3	3	30	22	73
1950	725	6309993	400471	30		0.5	16	301	33	185
1950	750	6309993	400496	20		0.5	5	115	24	125
1950	775	6309993	400521	5		0.4	4	126	33	111
1950	800	6309993	400546	5		0.5	5	234	19	65
1950	825	6309993	400571	10		0.4	2	110	34	153
1950	850	6309993	400596	80		0.4	2	82	24	124
1950	875	6309993	400621	50		0.7	15	68	35	162
1950	900	6309993	400646	5		0.8	15	22	42	107
1950	925	6309993	400671	15		0.4	19	62	26	100
1950	950	6309993	400696	5		0.9	1	89	39	192
1950	975	6309993	400721	5		0.5	1	42	31	136
1950	1000	6309993	400746	5		0.9	1	35	30	128
1950	1025	6309993	400771	5		0.7	1	54	49	150
1950	1050	6309993	400796	10		1	1	90	31	168
1950	1075	6309993	400821	5		0.5	1	37	35	152
1950	1100	6309993	400846	5		1.1	1	96	31	210
1950	1125	6309993	400871	10		1.1	3	76	57	200
1950	1150	6309993	400896	5		1.4	1	86	37	171
1950	1175	6309993	400921	10		1.2	1	111	37	161
1950	1200	6309993	400946	5		1.4	1	109	14	124



Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
1950	1250	6309993	400996	15		0.9	1	71	59	204
2650	200	6310693	399946	10		0.1	17	63	28	143
2650	225	6310693	399971	10		0.4	6	32	31	91
2650	250	6310693	399996	5		0.4	1	50	37	121
2650	275	6310693	400021	10		0.3	2	28	21	121
2650	300	6310693	400046	110		1	4	276	20	242
2650	325	6310693	400071	80		0.7	47	184	101	212
2650	350	6310693	400096	40		0.4	1	186	19	100
2650	375	6310693	400121	25		0.2	1	28	15	102
2650	400	6310693	400146	5		0.5	1	22	18	135
2650	425	6310693	400171	5		0.2	1	26	22	139
2650	500	6310693	400246	10		1.7	8	30	14	48
2650	525	6310693	400271	5		0.5	1	20	23	99
2650	550	6310693	400296	5		0.3	1	13	26	88
2650	575	6310693	400321	10		0.4	1	41	26	80
2650	600	6310693	400346	5		0.2	1	22	17	71
2650	625	6310693	400371	5		0.3	1	19	23	106
2650	675	6310693	400421	5		0.2	1	31	28	120
2650	700	6310693	400446	5		1.3	4	33	29	111
2650	725	6310693	400471	5		1	4	27	56	134
2650	750	6310693	400496	10		1.1	6	35	74	260
2650	775	6310693	400521	15		0.4	1	15	30	112
2650	800	6310693	400546	5		0.4	1	22	26	98
2650	825	6310693	400571	5		0.2	2	19	37	180
2650	850	6310693	400596	5		0.2	1	18	37	178
2750	225	6310793	399971	10		1	5	98	22	240
2750	250	6310793	399996	10		0.4	6	49	33	143
2750	325	6310793	400071	20		0.5	90	242	264	450
2750	350	6310793	400096	35		0.3	1	50	21	82
2750	375	6310793	400121	5		0.4	1	26	13	74
2750	400	6310793	400146	5		0.4	4	33	23	84
2750	425	6310793	400171	5		0.4	1	21	13	68
2750	450	6310793	400196	5		0.5	2	32	24	63
2750	475	6310793	400221	5		0.5	1	34	23	44
2750	500	6310793	400246	5		0.2	5	28	37	130
2750	525	6310793	400271	5		0.2	1	20	35	111
2750	550	6310793	400296	10		0.3	3	22	25	67
2750	575	6310793	400321	5		0.3	5	37	30	84
2750	600	6310793	400346	5		0.3	1	20	19	73
2750	625	6310793	400371	5		0.3	2	14	25	58
2750	650	6310793	400396	5		0.2	4	32	28	100
2750	675	6310793	400421	5		0.6	1	13	28	68
2750	700	6310793	400446	5		0.2	1	17	16	81
2750	725	6310793	400471	5		0.4	1	17	20	126
2750	750	6310793	400496	10		1.1	2	23	30	157
2750	775	6310793	400521	5		1	1	17	29	179
2750	800	6310793	400546	5		0.2	1	18	39	165
2750	825	6310793	400571	5		0.3	1	15	36	149
2750	850	6310793	400596	5		0.8	22	45	68	278

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn	
2750	875	6310793	400621	10		0.7	5	19	40	125
1150	1025	6309193	400771	5		0.5	1	53	32	143
1500	75	6309543	399821	5		0.7	2	58	16	99
1500	100	6309543	399846	10		0.9	1	50	14	63
1550	650	6309593	400396	15		0.6	1	137	29	183
1650	25	6309693	399771	5		0.2	8	72	11	79
1800	1250	6309843	400996	5		1.4	1	93	59	199
1800	1275	6309843	401021	5		1.6	1	67	43	180
1950	25	6309993	399771	25		0.2	6	76	20	84
2650	450	6310693	400196	5		0.2	1	13	18	80
2650	475	6310693	400221	5		0.7	2	18	13	88
700	0	6308743	399746	5		0.4	26	27	18	68
700	25	6308743	399771	5		0.9	18	24	16	62
700	50	6308743	399796	10		0.5	1	21	20	57
700	75	6308743	399821	5		0.1	3	31	22	101
700	100	6308743	399846	5		0.1	1	81	18	81
700	125	6308743	399871	5		0.5	5	44	17	78
700	150	6308743	399896	5		0.5	11	66	23	93
700	175	6308743	399921	10		0.5	18	59	28	121
700	200	6308743	399946	5		0.6	4	28	15	112
900	0	6308943	399746	5		0.7	11	35	21	81
900	25	6308943	399771	5		0.6	8	25	21	75
900	50	6308943	399796	5		0.8	7	23	21	77
900	75	6308943	399821	5		0.4	3	38	21	92
900	100	6308943	399846	5		0.4	6	19	16	77
900	125	6308943	399871	5		0.5	7	32	22	108
900	150	6308943	399896	10		0.6	9	44	24	102
900	175	6308943	399921	5		0.7	10	82	27	91
900	200	6308943	399946	10		1.1	7	35	23	110
900	225	6308943	399971	5		0.7	4	51	33	158
900	250	6308943	399996	5		0.8	4	36	26	119
900	275	6308943	400021	5		0.8	4	22	25	140
1200	1025	6309243	400771	10		1.3	7	27	26	107
1200	1050	6309243	400796	5		1.4	7	23	23	118
1200	1075	6309243	400821	5		1.8	20	46	35	156
1200	1100	6309243	400846	5		0.4	7	35	32	87
1200	1125	6309243	400871	5		1.2	21	95	48	205
1200	1150	6309243	400896	5		0.9	12	42	45	169
1200	1175	6309243	400921	10		1.6	18	111	37	170
1200	1200	6309243	400946	5		1.4	8	35	51	160
1200	1225	6309243	400971	5		2.2	11	55	36	168
1200	1250	6309243	400996	10		1.9	28	148	28	176
1200	1275	6309243	401021	5		1.8	4	37	34	136
1300	1025	6309343	400771	5		0.8	8	77	40	151
1300	1050	6309343	400796	5		0.9	4	33	39	152
1300	1075	6309343	400821	5		0.3	19	55	33	151
1300	1100	6309343	400846	10		0.6	8	36	43	137
1300	1125	6309343	400871	10		0.9	8	48	29	120
1300	1150	6309343	400896	5		1	1	47	31	147

Line	Station	Northing	Easting	Au	Ag	As	Cu	Pb	Zn
1300	1175	6309343	400921	5	0.6	3	26	17	53
1300	1200	6309343	400946	5	1.5	12	99	48	240
1300	1225	6309343	400971	5	1.4	6	70	35	187
1300	1250	6309343	400996	10	1.5	19	139	45	217
1300	1275	6309343	401021	5	1.2	3	25	40	140
1300	1300	6309343	401046	5	1.3	7	29	33	136
1800	800	6309843	400546	3000	13.7	7	1272	121	126