BC Geological Survey
Assessment Report
31006

# REPORT ON DIAMOND DRILLING

# on the

# Pathfinder Property

**Lat. 49° 11.5' North**
**Long. 118° 24.8' West**
**Trim Map #: 082E.018, 082E.019,**
**NTS: 82L/1**

**For**

**KINGSMAN RESOURCES INC.**
**3177 Westmount Place**
**West Vancouver, BC**
**V7V 3G4**

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**August, 2009**

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# 1.0 SUMMARY

This report summarizes the results of a diamond drilling program that was conducted on the Pathfinder Property in the 2008 field season. The Pathfinder property is located in southern British Columbia approximately 19 kilometers north of the town of Grand Forks.

The Pathfinder property has seen several periods of exploration beginning in the mid 1890's to the present including trenching, some underground development, minor production, drilling and various surface geological, geochemical and geophysical programs. More recently Kingsman Resources completed a trenching program which provided incentive for the current drill program. The current diamond drilling program consisted of thirteen short holes totaling 978.72 metres, with eleven holes for 871.12 metres completed at the Pathfinder zone and two holes for 107.6 metres completed at the Diamond Hitch zone.
The purpose of the drilling program was to confirm some of the significant gold and copper values discovered in 2008 trenching and to determine the orientation of the mineralized zones at depth.

At the Pathinder zone drilling confirmed the strong correlation between copper and gold. The overall tenor of gold mineralization was significantly lower as compared to trench results but broad zones of lower grade gold were intersected. These zones tended to cross lithological boundaries and as such are not stratabound but are more structurally controlled. Gold and copper mineralization occur both in massive sulphide replacement lenses and with fracture-controlled pyrite, pyrrhotite and chalcopyrite. There is a spatial relationship between the granodiorite, feldspar porphyry and mineralized zones. The discrepancy between 2008 trench results and diamond drilling results can in part be attributed to the degree of oxidation in the trenches and very little to no oxidation in drilling.

At the Diamond Hitch zone drilling returned some narrower gold intercepts related to subtly mineralized calcareous siltstones. At the Diamond Hitch copper does not correlate well with gold.

Further work on the Pathfinder property should include GIS compilation of all historical work, property scale mapping and prospecting. Several styles of gold mineralization occur on the property with a strong bias to gold-copper mesothermal systems.

# 2.0 INTRODUCTION

This report details the result of a diamond drill program, which was conducted on the Pathfinder Property (the property) located north of Grand Forks, British Columbia. The program was carried out by Kingsman Resouces Inc. in October of 2008. The program was designed to gain a better understanding of the gold grade and distribution in and around a series of historical workings on the Pathfinder and Diamond Hitch areas. Seventeen holes were drilled for a total of 978.72 metres.

# 3.0 LOCATION, ACCESS AND PHYSIOGRAPHY

The Pathfinder Project is located on the west flank of the Christina Range of the Columbia Mountains of southern British Columbia. The project area is 19 kilometers north of Grand Forks, (see Figure 1).

Access to the property is as follows. From downtown Grand Forks proceed west on Hwy #3 for 3.0km. Turn right on the North Fork Rd. Continue on the North Fork Rd for 20.9 km. Turn right on a small unmarked logging road. Continue upwards on this road for 1.5km to the Diamond Hitch area and 3.5km to the Pathfinder Area. Although four-wheel drive is recommended, under dry conditions the property is accessible by two-wheel drive.

The local physiography consists of mountainous terrain with somewhat subdued topography with maximum elevations of 1175meters, and maximum relief of approximately 600 meters. The topography would not be considered rugged within the claim area. The area covered by work in this report is bracketed by two drainages, Pathfinder Creek to the north and Hornet Creek to the south. Both of these creeks flow westward draining into the Granby River. Of note, both creeks cease flowing in mid summer. The west facing flank of the property is a dry hillside covered in large part by open mature stands of Douglas Fir, Ponderosa Pine, Lodgepole Pine and Larch. Large open rocky areas are grass covered. North and east facing slopes have a much thicker vegetation cover of mixed forest.

**Figure 1: LOCATION MAP**

# 4.0 CLAIM STATUS

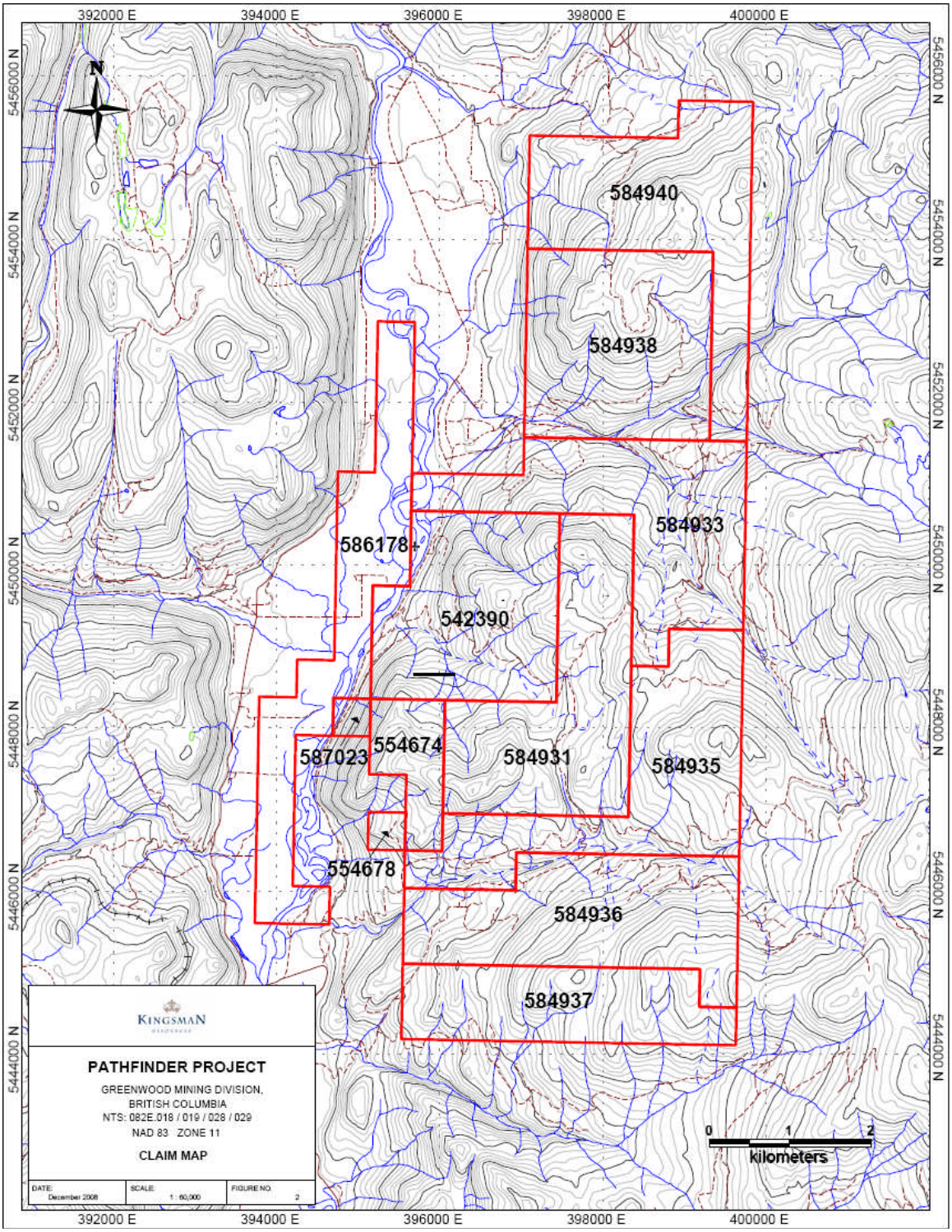
The Pathfinder project currently consists of 15 contiguous claims totaling (see Figure 2). Table 1 below lists the pertinent claim data.

**Table 1 CLAIM DATA**

| TENURE # | # Hectares | EXPIRY DATE* |
|---|---|---|
| 542390 | 485.586 | April 1, 2018 |
| 554674 | 126.717 | April 1, 2018 |
| 554678 | 21.123 | April 1, 2018 |
| 584931 | 527.911 | April 1, 2012 |
| 584933 | 527.699 | April 1, 2012 |
| 584935 | 528.006 | April 1, 2011 |
| 584936 | 528.168 | April 1, 2011 |
| 584937 | 359.224 | April 1, 2011 |
| 584938 | 527.489 | April 1, 2012 |
| 584940 | 527.338 | April 1, 2012 |
| 586178 | 464.496 | April 1, 2011 |
| 587023 | 21.118 | April 1, 2018 |

* expiry date upon acceptance of this report.

**Figure 2: CLAIM MAP**



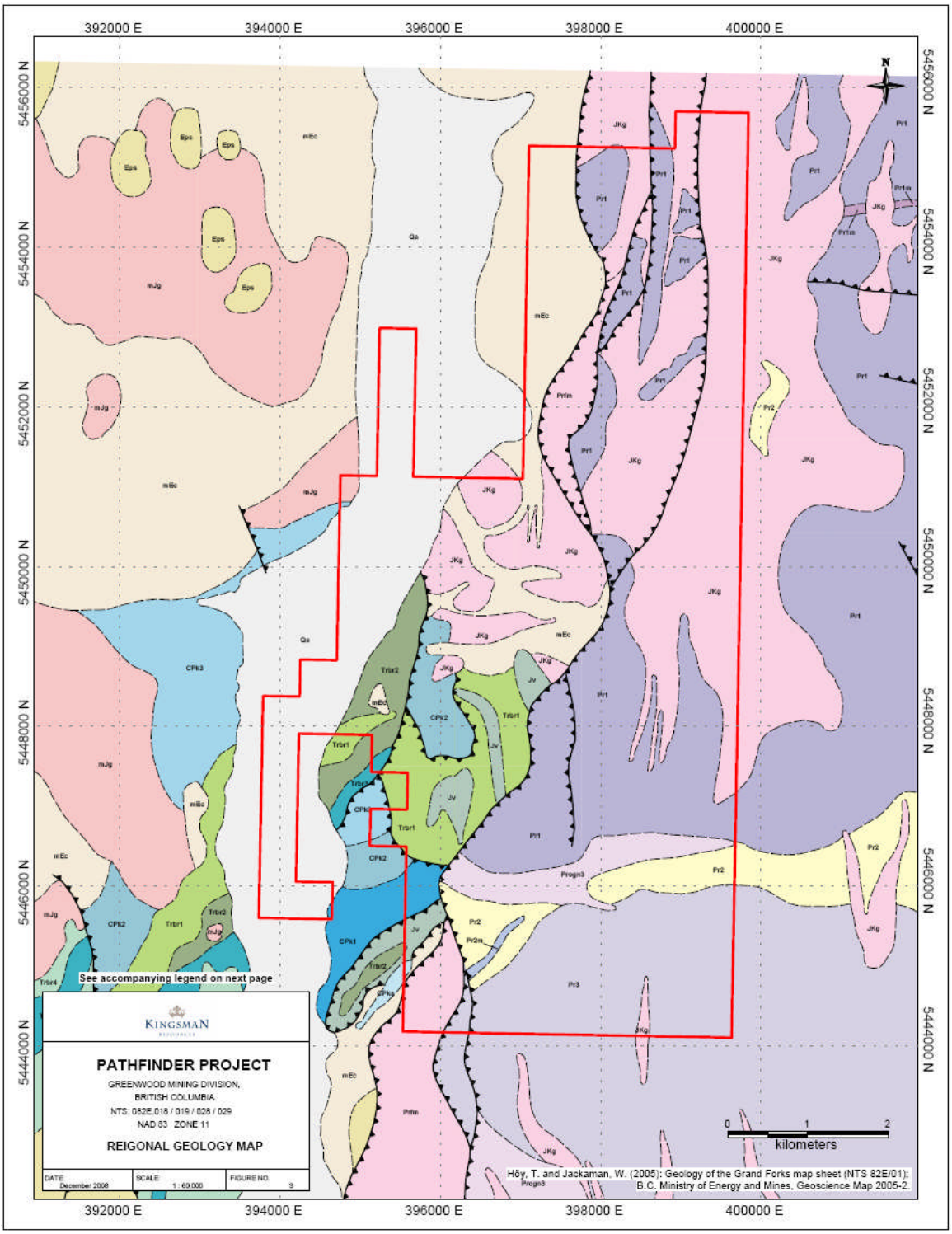
# 5.0 REGIONAL AND LOCAL GEOLGY

The Pathfinder property is situated in the Boundary District of southern British Columbia with the mining camps of Rossland to the east, Greenwood to the west and the Republic district of northern Washington State to the south. Over the years regional mapping and compilations have been conducted by Little, 1957, Preto, 1970, Tempelman-Kluit, 1989, Church, 1986, Fyles, 1990, Laberge et al, 2004, and by Höy and Jackman, 2005. The last work by Höy and Jackman is an attempt to compile and reinterpret all previous work including industry data in addition to some field work.

The property is situated in the southern part of the southern Omineca belt. The oldest rocks on the property are metamorphic rocks belonging to the Grand Forks complex, (Pr1). These are predominantly high grade metasedimentary rocks including paragneiss, schist, quartzite and marble, (Preto, 1970). The Grand Forks complex is one of several metamorphic 'core' complexes in the southern Omineca which are thought to have been exposed by uplift during Eocene extensional events. The west boundary of the Grand Forks metamorphic complex is the Granby Fault, a northerly striking, west-dipping normal fault. The fault is thought to be dipping approximately 35° to the west. The fault zone is characterized by a zone of brittle deformation in which both hangingwall and footwall rocks are brecciated and crushed, (Laberge et al, 2004).

West of the Granby Fault the property is underlain by low grade volcanic and sedimentary rocks belonging to the middle Triassic Brooklyn Formation, part of the allochthonous Quesnel Terrane. These include limestones, fine grained siliclastic hornfelsed sediments, greenstones, fragmental volcanics and microdiorite. The stratigraphy is cut by Jurassic to Cretaceous medium to coarse grained, equigranular to porphyritic granodioritic intrusions. Lastly, Tertiary dikes and sills belonging to the Coryell suite cut all rocks. These tend to be fine to medium grained, light grey to green to pink commonly with white to pink euhedral feldspar phenocrysts. These rocks tend to form prominent linear ridges on the Pathfinder property.

**Figure 3: REGIONAL GEOLOGY**




LEGEND TO ACCOMPANY FIGURE 3
CENOZOIC
QUATERNARY
Qa
ALLUVIUM; SAND, GRAVEL, SILT, TILL
EOCENE
Eps
VOLCANICLASTIC AND ARKOSIC SEDIMENTS (KETTLE RIVER FORMATION), ANDESITE FLOWS, TRACHYTE AND PHONOLITE (MARRON FORMATION)
CORYELL PLUTONIC ROCKS
mEc
MEDIUM TO COARSE GRAINED LIGHT GREY TO WHITE SYENITE; HORNBLENDE-BIOTITE SYENITE; QUARTZ MONZONITE, MONZODIORITE
MESOZOIC
JURASSIC-CRETACEOUS
JKg
MASSIVE MEDIUM TO COARSE GRAINED, EQUIGRANULAR TO PORPHYRITIC BIOTITE GRANODIORITE AND GRANITE (MAY INCLUDE mJg)
MIDDLE JURASSIC
NELSON PLUTONIC ROCKS
mJg
UNDIFFERENTIATED HORNBLENDE GRANITE, GRANODIORITE; MEDIUM TO COARSE GRAINED, TYPICALLY EQUIGRANULAR, MASSIVE TO LOCALLY FOLIATED; MAY INCLUDE JKg
QUESNELLIA
EARLY JURASSIC
Jv
MASSIVE GREENSTONE, IN PARTINTRUSIVE;MINOR CONGLOMERATE (AGE CERTAIN)
MIDDLE TRIASSIC
NICOLA GROUP - BROOKLYN FORMATION
Trbr4
METAVOLCANICS; FRAGMENTAL GREENSTONE, MICRODIORITE
Trbr3
LIMESTONE; CALCAREOUS SANDSTONE AND CONGLOMERATE, CHERT, MINOR SKARN
Trbr2
GREEN AND MAROON TUFFACEOUS SANDSTONE, SILTSTONE, HORNFELS, ARGILLITE
Trbr1
"SHARPSTONE CONGLOMERATE", LIMESTONE COBBLE CONGLOMERATE, CHERT BRECCIA, MINOR TUFF, FUFFACEOUS SANDSTONE
PALEOZOIC
KNOB HILL GROUP
CPka
AMPHIBOLITE, GREENSTONE
CPk3
MASSIVE, FINE-GRAINED GREENSTONE, LAVA, BRECCIA, MINOR LIMESTONE
CPk2
SILTSTONE, GREY TO LIGHT GREEN, MINOR SANDSTONE, PHYLLITE, GREENSTONE AND CALCAREOUS UNITS
CPk1
CHERT, META-SANDSTONE, ARGILLITE, MINOR LIMESTONE
GRAND FORKS COMPLEX (MODIFIED FROM PRETO, 1969)
PROTEROZORIC - PALEOZOIC ?
Prfm
CRUSHED AND MYLONITIZED QUARTZMONZONITE, GRANODIORITE
MESOPROTEROZOIC - NEOPROTEROZIOC (?)
Progn3
ORTHOGNEISS: BIOTITE-HORNBLENDE GRANODIORITE GNEISS
MESOPROTEROZOIC (?)
Pr3
GARNET-BIOTITE PARAGNEISS, SCHIST; SILLIMANITE SCHIST; PEGMATITE, MARBLE, CALC-SILICATE GNEISS, AMPHIBOLITE, QUARTZITE
Pr2
QUARTZITE, THICK LAYERED, MINOR SILLIMANITE-BIOTITE SCHIST, PARAGNEISS
Pr2m
MARBLE, CALC-SILICATE GNEISS; MINOR PEGMATITE
PALEOPROTEROZOIC (?)
Pr1
GARNET-BIOTITE PARAGNEISS, SCHIST; SILLIMANITE SCHIST; PEGMATITE, MARBLE, CALC-SILICATE GNEISS, AMPHIBOLITE, QUARTZITE
Pr1m
MARBLE, CALC-SILICATE GNEISS; INCLUDES PEGMATITE
FAULT
CONTACT
Höy, T. and Jackaman, W. (2005): Geology of the Grand Forks map sheet (NTS 82E/01); B.C. Ministry of Energy and Mines, Geoscience Map 2005-2.

# 6.0 EXPLORATION HISTORY

The Pathfinder property has been subjected to various exploration efforts over the course of the last 120 years with the earliest recorded work around 1895. The Pathfinder property consists of three principal Minfile occurrences, the Pathfinder (082SE075), Little Bertha (082SE074) and Diamond Hitch (082SE277). In addition, numerous crown grants, (now reverted), existed on the property which testify to the general level of exploration activity that once existed in the area. Early work on the Pathfinder consisted of 3 shafts totaling 103 metres connected by 244 metres of drifts and crosscuts. The 1897 Report of the Minister of Miners describes the extent of development on the Pathfinder as " *a few open cuts trace out a zone mineralzed with pyrrhotite for about 1,500 feet, and a shaft 5 x 7 feet had been sunk 30 feet, where massive pyrrhotite was found in irregular masses and stringers*" and " *good cabins had just been erected, and development was in progress*". Between 1899 and 1916, 239 tonnes of ore were shipped from the Pathfinder from which 746 grams of gold, 4,043 grams of silver and 2,330 kilograms of copper were recovered. Remants of this work are clearly evident to this day. At the Little Bertha, much of the early physical work occurred between 1900 and 1939 with the majority of the mining occurring between 1937 and 1939. A total of 876 tonnes of ore were shipped in this period from which 13,251 grams of gold, 120,276 grams of silver, 29 kilograms of copper and 391 kilograms of lead were recovered.

Several adits and open cuts have been developed on the Little Bertha occurrence.

Modern exploration on the property started in the mid-1960's with the participation of Hecla Mining Company and Alwyn Mining. Both companies revisited the the Little Bertha and Pathfinder, however documentation of this work is sparse.

**1980** - In 1980 Aries Resources Ltd. established flagged grids over half the property with smaller grids over the Little Bertha and Pathfinder areas. Geological mapping of both surface exposures and accessible underground workings was undertaken as was magnetometer surveys. In addition 3 core holes totaling 275.2 metres were completed around the Little Bertha area in an effort to test dip extensions of the Little Bertha structure, (Keyte & Saunders, 1980).

**1982** – George Nakade, property owner drilled one hole in the Diamond Hitch area, (pers comm).

**1983** – Nu Lady Gold Mines Ltd. conducted some preliminary sampling and drilled 9 core holes in the Diamond Hitch area, (Black, 1983).

**1984** – Nu-lady Gold Mines conducted a diamond drilling program on the Diamond Hitch zone in an effort to trace gold intersections discovered by drilling in 1983. 195 metres of drilling were completed in 4 holes, (Sookochoff, L, 1984).

**1985** – Nu-lady Gold Mines conducted a diamond drilling program on the Pathfinder zone in an effort to test the gold potential of known massive sulphides in this zone. 921 metres of drilling were completed in 13 holes, (Sookochoff, L, 1985).

**1990** – Ber Resources conducted a geophysical survey in the Little Bertha area in attempt to geophysically trace the Little Bertha structure to the southwest. A 40 metre by 20 metre grid was established and magnetic, VLF-EM and Resistivity data were collected, (Cukor and Cukor, 1990).

**1992** – Niagara Developments established three grids on the property totaling 7 line kilometers on which they conducted VLF-EM, sampling and prospecting. Two grids were established in the Little Bertha area and one on or where the Lone Star Fraction was. Sampling of existing trenches around the Pathfinder also occurred, (Kim, 1993).

**1994 –** Niagara Developments carried out a magnetometer survey over a 1000 by 500 meter grid with line spacing of 40 metres and station spacing of 10 metres. A total of 25 500 metre long lines were established.

**1996** – Cassidy Gold Corp. undertook a comprehensive exploration program consisting of grid establishment, soil and rock geochemistry, geological mapping and geophysical surveying, (Gruenwald, 1997). Work was focused on the area between the Little Bertha and Pathfinder zones and as far south as the Diamond Hitch zone. A total of 630 soil samples and 17 rock samples were collected. Magetometer and VLF-EM data were also collected on the grid.

**1997/1998** – Cassidy Gold Corp. completed several small exploration programs. Two old roads were cleaned out and soil sampling was conducted on road banks. A total of 59 soils were collected there. An old adit was dewatered, mapped and sampled. 33 rock samples were collected and analyzed from and around this adit. In addition a 600 metre by 800 metre grid was established in an area south of Hornet Creek on which soil sampling and magnetometer work was conducted. Several geochemical and geophysical anomalies were outlined, (Gruenwald, 1998).

**2008** – Kingsman Resources Inc. conducted a trenching, sampling and mapping program on the Pathfinder and Diamond Hitch zones. The majority of the trenches were essentially re-excavation of older preexisting trenches. Sampling was extensive with a total of 258 channel samples taken. Significant gold and copper values were obtained at the Pathfinder zone in part confirming older work. Narrow gold bearing zones were discovered at the Diamond Hitch, (Augsten, 2008).

# 7.0 DIAMOND DRILLING

## 7.1 METHODOLOGY

Diamond drilling was carried out by Westcore Diamond Drilling Ltd. of Salmo, BC. A skid mounted JKS 300 drill was utitized with a separate skid-mounted rod sloop. Thin wall BQ core (BQTK) was drilled. This core has a diameter of 40mm. The drill locations precluded pumping from nearby streams, and therefore, water was trucked from the nearby Granby River using the services of Impact Equipment Ltd. of Trail, BC. A large 3000 gallon holding tank was set up near the drill sites and water was pumped from there.

All drill core was transported to the company core facility by company personnel.

Drill collar locations were determined using a Garmin GPSmap 60Cx GPS receiver.

**Table 2 Drill Hole Data**

| | GPS LOCATION | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| HOLE_ID | UTM EAST | UTM NORTH | Elev m | AZIMUTH TRUE | INCL | DEPTH m | DATE STARTED | DATE FINISHED |
| PF08-1 | 397174 | 5449569 | 1023 | 240 | -45 | 59.74 | 08-Oct | 09-Oct |
| PF08-2 | 397198 | 5449584 | 1020 | 240 | -45 | 93.27 | 09-Oct | 10-Oct |
| PF08-3 | 397156 | 5449583 | 1019 | 177 | -45 | 90.22 | 10-Oct | 11-Oct |
| PF08-4 | 397143 | 5449690 | 990 | 190 | -45 | 17.68 | 11-Oct | 11-Oct |
| PF08-5 | 397143 | 5449690 | 990 | 190 | -55 | 106.68 | 11-Oct | 12-Oct |
| PF08-6 | 397143 | 5449690 | 990 | 190 | -80 | 28.96 | 12-Oct | 12-Oct |
| PF08-7 | 397144 | 5449687 | 990 | 150 | -55 | 10.67 | 12-Oct | 12-Oct |
| PF08-8 | 397148 | 5449684 | 990 | 130 | -45 | 32.31 | 12-Oct | 13-Oct |
| PF08-9 | 397071 | 5449672 | 985 | 108 | -45 | 74.98 | 13-Oct | 13-Oct |
| PF08-10 | 397055 | 5449656 | 985 | 252 | -45 | 84.12 | 13-Oct | 14-Oct |
| PF08-11 | 397055 | 5449656 | 985 | 252 | -60 | 78.03 | 14-Oct | 15-Oct |
| PF08-12 | 397021 | 5449680.5 | 979 | 230 | -45 | 35.36 | 15-Oct | 15-Oct |
| PF08-13 | 397024 | 5449678.5 | 979 | 290 | -45 | 51.82 | 15-Oct | 16-Oct |
| PF08-14 | 397024.5 | 5449678.5 | 979 | 290 | -60 | 53.64 | 16-Oct | 16-Oct |
| PF08-15 | 397022 | 5449680 | 979 | 180 | -45 | 53.64 | 16-Oct | 16-Oct |
| PF08-16 | 396062 | 5449224 | 720 | 148 | -45 | 62.79 | 17-Oct | 18-Oct |
| PF08-17 | 396062 | 5449224 | 720 | 148 | -60 | 44.81 | 18-Oct | 18-Oct |

**Figure 4: Drill Hole Location Map Pathfinder Zone**

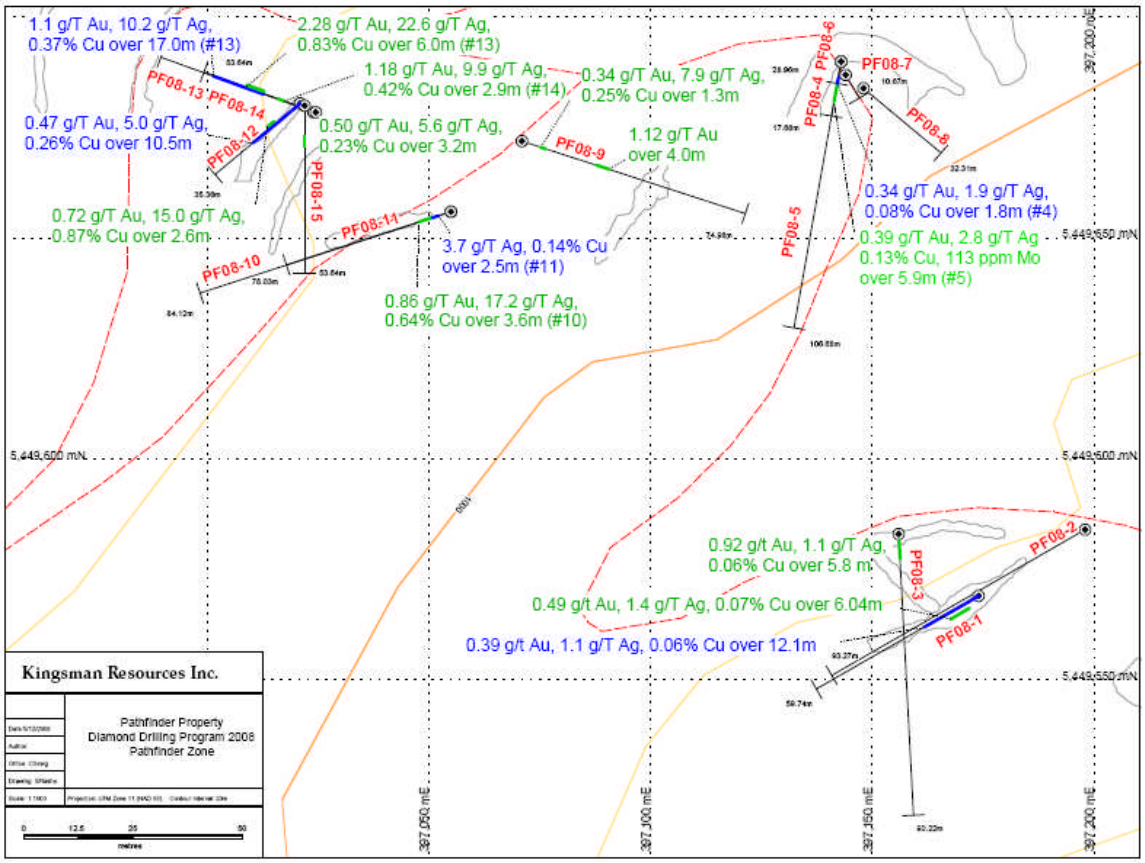
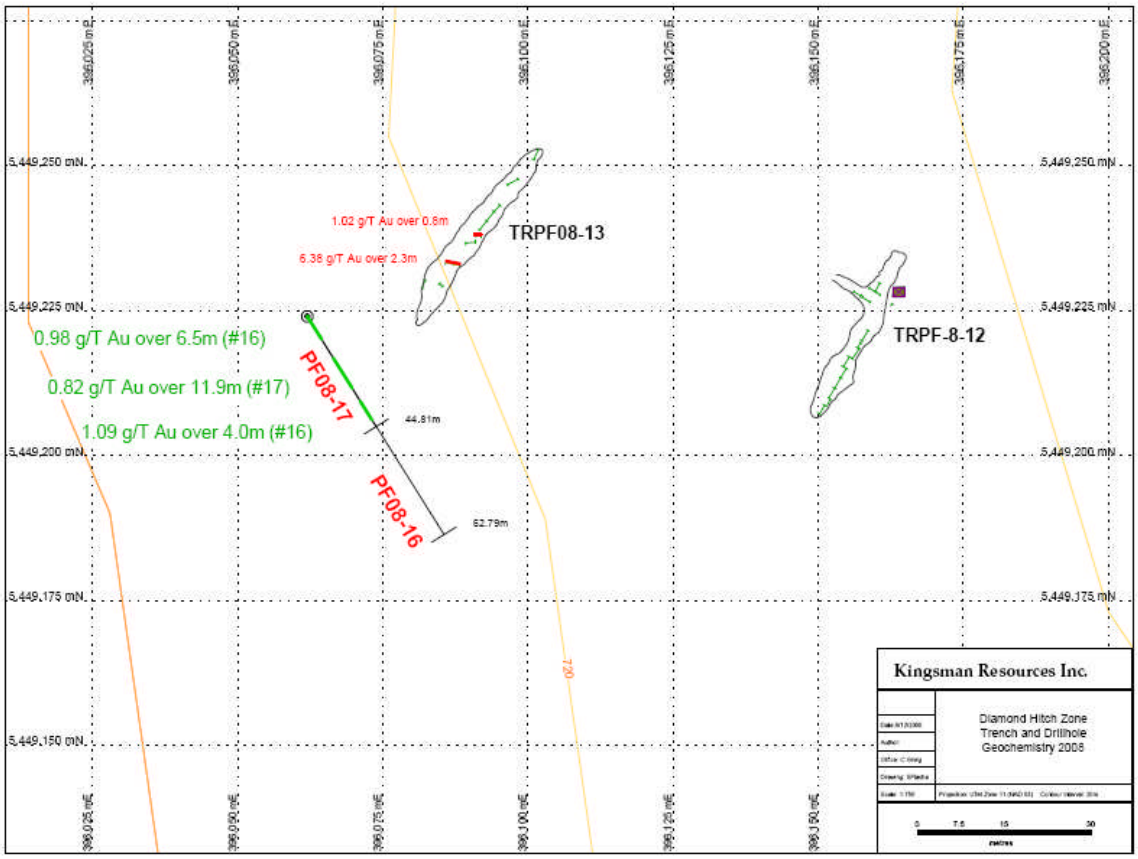


**Figure 5 Drill Hole Location Diamond Hitch Zone**



## 7.2 SAMPLING METHODS

The following sampling protocol was utilized for the sampling of the 2008 diamond drill core.

i. Boreholes were sampled selectively. In higher 'grade' mineralized intervals, sample intervals were tied to visual estimates of the percentage of sulphides with the sample intervals attempting to reflect changes in sulphide contents.

ii. Weakly mineralized intervals were sampled using a 2m sample width. Sample intervals were also tied to geological contacts with sample intervals beginning and ending at geological contacts.

iii. A QA/QC program was established with the insertion of blanks, duplicates and mineralzed standards into the sample sequence.

iv. All core samples were half core samples, and were cut on a rock saw.

v. For each sample cut, half the core is left in the core box for future reference and the other half is put into a polyethylene bag and secured with a nylon locking cable. This portion is sent to the lab.

vi. All core was split, sampled and shipped to Eco Tech Laboratory Ltd. by contractors to Kingsman Resources Inc.

vii. The position of all core samples is indicated by tags stapled to the boxes at the sample interval points.

viii. All of the samples are viewed as representative.

ix. All core boxes are labelled with an aluminum tag with the borehole number, box number and the meterage.

All drill core collected during this program was accurately geologically logged but geotechnical logging was not undertaken. Core recoveries were measured however. Geological logs are tabulated in Appendix II.

## 7.3 ANALYTICAL METHODS

All analytical work was conducted by EcoTech Laboratory Ltd. of Kamloops, BC.

**Core Sample Preparation:**

Samples are catalogued and dried if necessary. The rock samples are then crushed through a jaw crusher and cone or roll crusher to minus 10 mesh. The sample is then split through a Jones riffle until a 250 gram (approximate) sub sample is achieved. The sub sample is pulverized in a ring & puck pulverizer to 95% minus 140 mesh. The sample is then rolled to homogenize.

**Geochemical Gold Analysis:**

The sample is weighed to 30 grams and fused along with proper fluxing materials. The bead is digested in aqua regia, and analyzed on an atomic absorption instrument. Appropriate reference materials accompany the samples through the process allowing for quality control assessment. Results are entered and printed along with quality control data (repeats and standards).

**Multielement ICP Analysis:**

A 0.5 gram sample is digested with 3ml of a 3:1:2 (HCl:HN03:H20) for 90 minutes in a water bath at 95°C. The sample is then diluted to 10ml with water. The sample is analyzed on a Jarrell Ash ICP unit. Results are collated by computer, and are printed along with accompanying quality control data (repeats and standards).

## 7.3 LITHOLOGICAL DESCRIPTIONS

The following is a list of the more significant rock units encountered in drilling with a brief description of each. The reader is encouraged to review the drill logs for more detailed descriptions.

**SILTSTONE:** This unit is seen only in the Diamond Hitch area. This is a fine grained, grey to purplish/brown, hornfelsed quartz siltstone. It is massive to locally finely laminated. The rock is variably calcareous due to strong pervasive to interstitial calcite. It is also locally sericitized imparting a buff wash to the rock.

**MAFIC VOLCANICS:** This is a fine grained, massive dark grey to green, sometimes hornblende to augite? porphyritic rock. Unit is affected by strong pervasive calcite, locally strong pervasive chlorite, possible potassium feldspar flooding and locally garnet skarn.. This unit is seen in the Pathfinder area.

**VOLCANIC FRAGMENTALS(CONGLO0MERATE):** This is a massive non-foliated vari-textured fragmental with breccia to lapilli sized lasts. It is polylithic with clasts that range from felsic to intermediate coarse grained intrusives to fine grained volcanic and sedimentary clasts. Alteration in this unit includes weak to strong patchy pervasive calcite and both fracture-controlled and pervasive chlorite. Locally (PF08-9) it is variably silicified and sericitized.

**SKARN:** Fine grained medium green to reddish-brown to grey, mottled to weakly laminated, silicified skarn with reddish brown garnet development in narrow lamination parallel seams. Locally massive reddish/brown garnet development. Volumetrically not an important unit.

**GRANODIORITE/QUARTZ MONZONITE**: This is a coarse grained, leucocratic hypidiomorphic rock comprised of quartz feldspar and biotite. Mafic phenocrysts are chloritized and feldspars are variably sericitized. In places this unit is cut by strong fracture controlled pyrite, pyrrhotite and lesser chalcopyrite.

**CROWDED FELDSPAR PORPHRY**: This is a distinctive rock unit comprised of 20% anhedral to euhedral equant feldspars (1.5mm x 1.5mm) set in a fine grained siliceous, often hornfelsed groundmass. This is a massive non-foliated rock. In areas of mineralization the texture is partially obliterated by pervasive calcite imparting a grey wash to the rock. In many of the holes at the Pathfinder zone this unit is spatially related to zones of massive sulphides including being replaced by lenses of massive sulphide and/or cut by strong fracture controlled suphides and chlorite.

**SYENITE PORPHYRY**: This is distinctive rock with orthoclase phenocrysts to 5mm x 4mm set in a fine grained igneous groundmass. The colour can vary from med green to brick red. In the larger sills or dikes the colour varies from green near the contacts to brick red away from the contacts. This rock contains traces of pyrite and appears to be post-mineral. This porphyry is part of the Coryell suite of rocks. It forms large dikes or sills.

## 7.4 RESULTS

Significant drill results are listed in Table 3. A complete sample log is available in Appendix I with relevant analyses. Complete analyses are available in Appendix III. Drill logs are available in Appendix II and should be consulted for detailed descriptions of the rock units and mineralization styles. Figures 4 and 5 show the drill hole locations in plan view relative to 2008 trenching. Figures 6 thru 15 show drill holes in section with gold assay values.

## DRILL HOLE PF08-1 (FIG. 6)

Hole PF08-1 was collared to test significant trench results in trench TRPF08-9 (9.5m averaging 4.59 g/t Au). Best results in this hole were obtained from a sequence of skarned metasedimentary rocks which were encountered from 3.96 to 18.08 metres in the hole. Low grade gold mineralization is related to disseminated and fracture controlled pyrrhotite and pyrite with minor chalcopyrite and molybdenite. This interval averaged .37 g/t Au over 14.12 metres. The rocks hosting the higher gold intersection in trench TRPF08-9 were not encountered in the drill hole and appear to be cut off or offset by a coarse grained felsic intrusion and a feldspar porphyry. The intrusive relationships appear to be more complex than what appears on surface.

## DRILL HOLE PF08-2(FIG.6)

Hole PF08-2 was a step out to the first hole designed to cut a larger sequence of the rocks hosting gold mineralization in trench TRPF08-9. The hole was collared in and remained in a thick sequence of relatively unaltered distinctive crowded feldspar porphyry followed by a thick interval of polylithic volcaniclastics? The lower part of the fragmental unit is intruded by several sills or dikes of a coarse grained felsic intrusion. No significant results were obtained in this hole.

## DRILL HOLE PF08-3(FIG.7 )

Hole PF08-3 was also collared in an attempt to understand the geology and distribution of gold mineralization encountered in trench TRPF08-9. The hole encountered a sequence of weakly skarned and silicified metasediments intruded by several sills or dikes of granodiorite near the upper part of the hole. The lower part of the hole encountered volcaniclastics and/or volcanic breccia cut by a granodiorite and one mafic dike. Best results in this hole were 0.78g/t Au, 485ppm Cu over 6.87 metres. This occurred in a skarned section at the top of the hole. Sulphide mineralization consists of small amounts of disseminated and fracture-controlled pyrrhotite and pyrite with minor chalcopyrite.

## DRILL HOLE PF08-4 (FIG.8)

Hole PF08-4 was collared to target lenses of gold-bearing massive sulphide exposed in Trench TRPF08-7 area, particulary along the edge of the old road. Some of these lenses returned significant gold values up to 18g/t Au. The hole intersected various intrusive rocks include granodiorite, feldspar porphyry and dacite dikes. The hole was stopped prematurely after encountering an adit. No significant results were obtained in this hole.

## DRILL HOLE PF08-5 (FIG.8)

Hole PF08-5 was collared from the same location as Hole PF08-4 with a steeper dip (-55). The geology was similar to that in Hole 4. A narrow zone of massive sulphides was encountered hosted by a crowded feldspar porphyry. The sulphides consisted of massive pyrrhotite, pyrite with lesser chalcopyrite and minor molybdenite. In addition to this lens, several cm scale seams of semi-massive sulphides consisting of pyrite with associated stronger chlorite occur within the granodiorite. Best results were 2.91 metres averaging 0.44g/t Au, 2258ppm Cu. Of interest this result was a weighted average of three samples including a massive sulphide lens. The better value was obtained in a section with strong fracture-controlled sulphides and not the massive sulphides.

## DRILL HOLE PF08-6 (FIG. 8)

Hole PF08-6 was also collared from the same section as Holes PF08-4 & 5 with a dip of -80°. The hole encountered several intrusive units including the coarser grained granodiorite, CFP and the syenite porphyry (Coryell). Some elevated copper mineralization occurred in the CFP with no corresponding gold.

## DRILL HOLE PF08-7 (FIG.9)

Hole PF08-7 was collared close to the previous three holes with a more southeast orientation. The hole essentially was entirely in the crowded feldspar porphyry unit. Arsenopyrite was seen occurring as aggregates of extremely fine grained needles imparting a 'bluish' tint to the rock. There were no associated gold values. No significant results were obtained.

## DRILL HOLE PF08-8 (FIG. 9)

Hole PF08-8 was collared close to PF08-7. The hole was oriented more easterly in an effort to test mineralization seen at surface in trench TRPF08-7. The hole encountered several intrusive lithologies with no relevant mineralization. No significant results were obtained.

## DRILLHOLE PF08-9 (FIG. 10)

Hole PF08-9 was collared to test for down dip continuation of mineralization encountered in trench TRPF08-6. Best results obtained were 8.00 metres of 0.79 g/t Au, 298 ppm Cu. This occurred in a crowded feldspar porphyry unit with well-developed chlorite plus sulphide fractures. Sulphides consisted predominantly of pyrite with traces of chalcopyrite and molybdenite.

## DRILL HOLE PF08-10 (FIG.11)

Hole PF08-10 was collared in an effort to better understand the distribution and grade of gold and copper mineralization sampled in trench TRPF08-5. On surface gold and copper mineralization occurred in both massive sulphide lenses and in strongly fractured fine grained volcanic rocks. All rocks were strongly oxidized. Best results were 4.56 metres averaging 0.73 g/t Au, 5113 ppm Cu and 13.8 ppm Ag. A shorter 1.06 metre interval of massive sulphides averaged 1.25 g/t Au, 1.18% Cu and 28.0 ppm Ag. These results were markedly lower than results of trenching in similar looking sulphides, eg., *1.00 metre of 18.20 g/t Au, 3860 ppm Cu*.

## DRILL HOLE PF08-11 (FIG. 11)

Hole PF08-11 was collared at the same location as PF08-10 with a steeper inclination to undercut the same section as PF08-10. No significant results were obtained. Massive sulphide mineralization was not encountered in this hole.

## DRILL HOLE PF08-12 (FIG.12)

Hole PF08-12 was collared east of trench TRPF08-3 and targeted to intersect massive sulphides in an old shaft in this trench. Massive sulphides were encountered from 9.92 to 12.52 metres. These were pyrrhotite rich sulphides with subordinate pyrite and chalcopyrite with traces of molybdenite. This interval averaged 0.72g/t Au, 8685 ppm Cu and 15.0 ppm Ag over 2.60 metres within a broader interval of 17.81 metres averaging 0.38 g/t Au, 1725ppm Cu and 3.5ppm Ag. The broader zone of weak gold and copper mineralization occurred in mafic volcanics, and crowded feldspar porphyry in addition to the massive sulphides.

**DRILLHOLE PF08-13 (FIG.13)**

Hole PF08-13 was collared close to PF08-12 and oriented to test for massive sulphides further to the north. Two lenses of massive sulphides were encountered. A broad zone of low grade gold was encountered from 5.94 to 22.98 metres which averaged 1.02 g/t Au, 3162ppm Cu and 8.8ppm Ag over 17.04 metres. This interval included the first lens of massive sulphides but also included two sections of mafic volcanics. The mafic volcanics are strongly chloritic to sericitic with patchy pervasive to interstitial calcite. Sulphides include small amounts of disseminated and fracture-controlled pyrite, pyrrhotite and traces of chalcopyrite, arsenopyrite and molybdenite. The massive sulphide lens averaged 3.89 g/t Au, 12560ppm Cu and 35ppm Ag over 2.9 metres. Massive sulphides are predominantly pyrrhotite (40%), with lesser pyrite(10%) and chalcopyrite(3%). A distinctive texture in part of the massive sulphides occurs with strong coarse grained interstitial magnetite. The lower massive lens averaged 1.2g/t Au, 3390 ppm Cu and 9 ppm Ag over 2.42 metres. The composition of these sulphides is similar.

**DRILLHOLE PF08-14 (FIG.13)**

Hole PF08-14 was collared at the same location as Hole PF08-13 with a steeper inclination (-60 versus -45) in an effort to get a sense of the down dip orientation of the massive sulphide lenses. A somewhat narrow lens of sulphides was encountered. A gold bearing intersection averaging 1.51 g/t Au, 5389 ppm Cu, 12.6ppm Ag and 0.015% W over 2.14 metres included the massive sulphide lens and also a small section of strongly fractured granodiorite. The granodiorite was well-mineralized with fracture-controlled pyrrhotite, chalcopyrite and pyrite including two narrow seams of massive sulphides. Interestingly, the granodiorite section was higher grade at 2.71 g/t Au, 11.7 ppm Ag, 4231 ppm Cu and 0.023% W over 0.93 metres.

**DRILLHOLE PF08-15 (FIG.14)**

Hole PF08-15 was collared in the same general area as PF08-12 thru 14 directed to the south to test southerly extensions of the massive sulphide lens seen in Trench TRPF08-3 and 4. A narrow zone of massive sulphides was encountered from 11.09 to 12.00 which carried low values. This was included in a broad zone of low gold from 4.50 to 13.07 which averaged 0.26 g/t Au, 1016 ppm Cu and 2.5 ppm Ag. This broad zone of mineralization occurred in granodiorite, massive sulphides, mafic volcanics and crowded feldspar porphyry. The best copper occurred in the massive sulphides and underlying feldspar porphyry.

## DRILLHOLE PF08-16 (FIG.15)

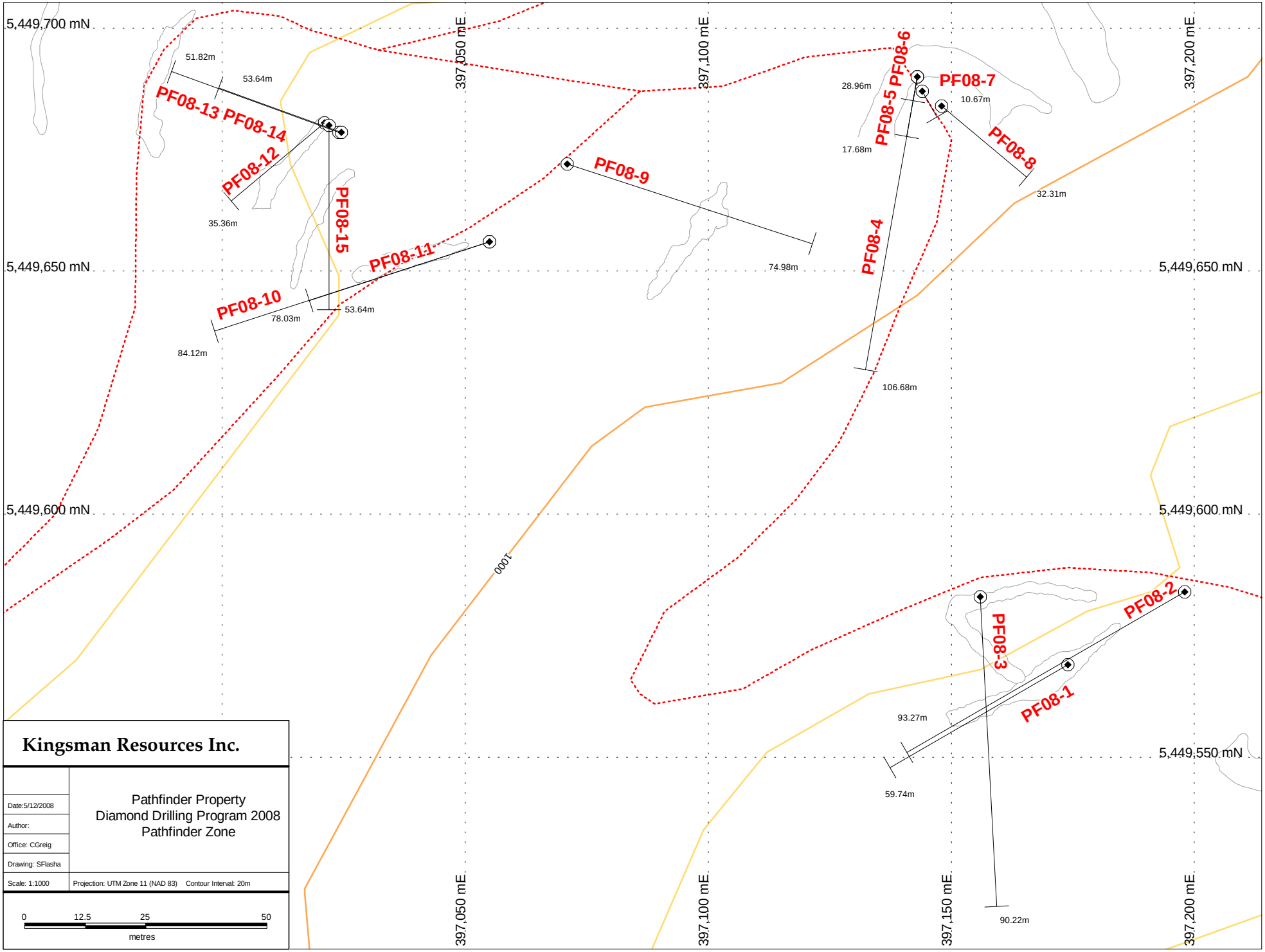
Hole PF08-16 was one of two holes drilled in the Diamond Hitch area. These holes were designed to test for gold mineralization encountered in a 1983 diamond drill hole. The exact location of the 1983 hole was uncertain. Significant results in this hole included 2.39 metres of 1.78 g/t Au within a broader interval of 0.98 g/t Au over 6.49 metres. Also further down the hole 4.00 metres averaged 1.1 g/t Au. Both intervals occurred within a siltstone unit with variable disseminated pyrrhotite and minor pyrite in fractures and rare quartz veinlets. Much of this unit is strongly calcareous with strong pervasive to interstitial calcite. Interestingly in this hole both copper and silver are only weakly anomalous.

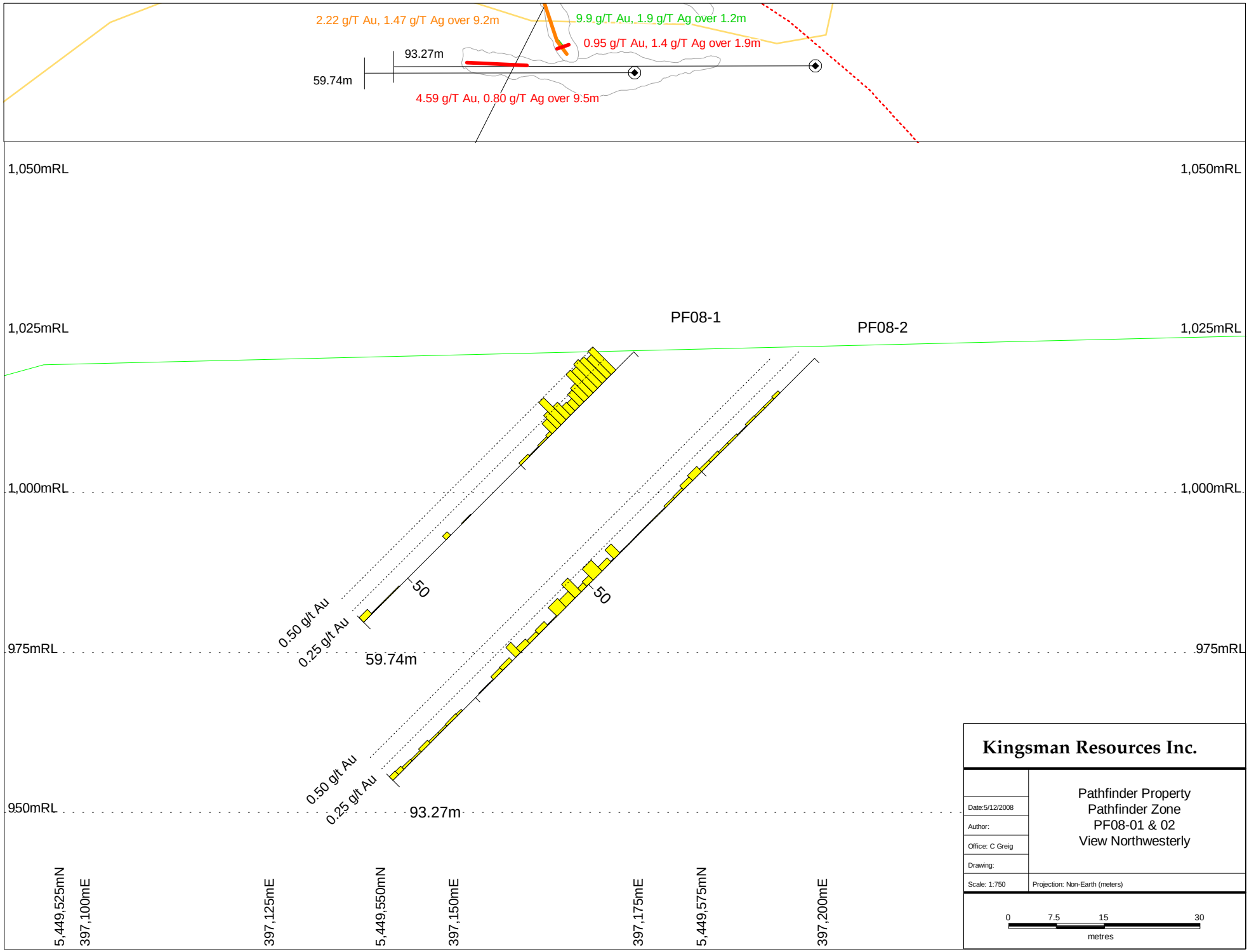
## DRILLHOLE PF08-17 (FIG.15)

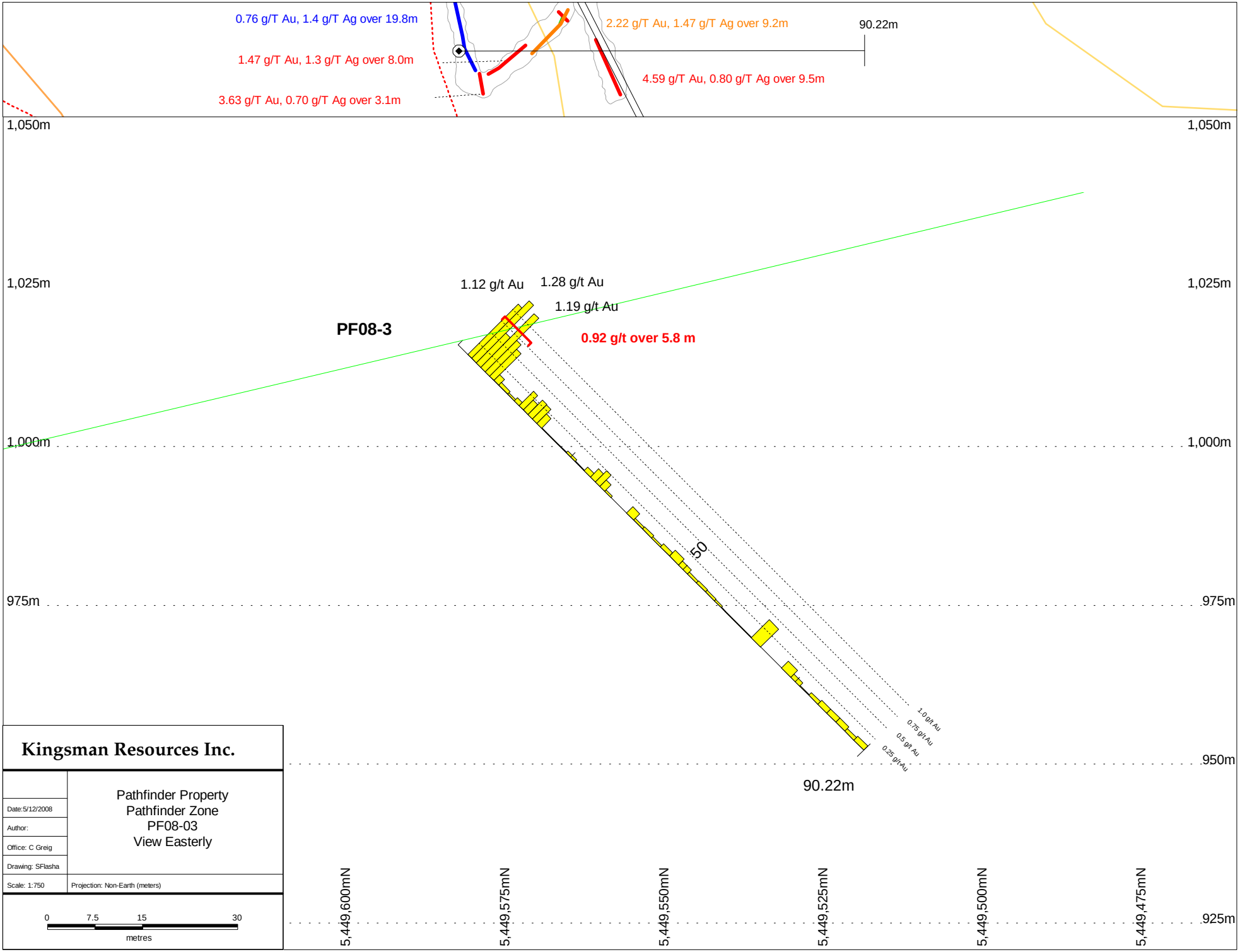
Hole PF08-17 was collared in the same location as PF08-16 with a steeper inclination (-60 versus -45) and same direction. Important results in this hole include 4.78 metres of 0.62 g/t Au, 2.00 metres of 2.22 g/t Au and 1.91 metres of 1.96 g/t Au. Host rock to this mineralization is similar to that in Hole PF08-16, hornfelsed siltstone overprinted by pervasive sericite and carbonate wash. Sulphides include up to 5% disseminated and fracture-controlled pyrite and 3% pyrrhotite. The lower interval of 1.96 g/t Au occurred at the contact with a granodiorite. Otherwise no obvious reason for the enchanced gold was noted. This core and that in PF08-16 should be reexamined.

**Table 3 Significant Drill Results**

| HOLE_ID | FROM_m | TO_m | Width_m | Au_g/t | Cu_ppm | Ag_ppm | W_% |
|---|---|---|---|---|---|---|---|
| PF08-1 | 3.96 | 18.08 | 14.12 | 0.37 | 611 | | |
| PF08-3 | 2.13 | 9.00 | 6.87 | 0.78 | 485 | | |
| PF08-5 | 5.00 | 8.00 | 3.00 | 0.42 | 509 | | |
| *and* | 11.99 | 14.9 | 2.91 | 0.44 | 2258 | | |
| PF08-9 | 21.00 | 29.00 | 8.00 | 0.78 | 298 | | |
| PF08-10 | 5.94 | 10.5 | 4.56 | 0.73 | 5113 | 13.8 | |
| PF08-12 | 3.66 | 21.47 | 17.81 | 0.38 | 1725 | 3.5 | |
| *including* | 9.92 | 12.52 | 2.60 | 0.72 | 8685 | 15.0 | |
| PF08-13 | 5.94 | 22.98 | 17.04 | 1.02 | 3162 | 8.8 | |
| *including* | 17.7 | 20.6 | 2.9 | 3.89 | 12560 | 35 | |
| *and* | 26.84 | 29.26 | 2.42 | 1.2 | 3390 | 9 | |
| *and* | 30.03 | 34.04 | 4.01 | 0.5 | 776 | 2.6 | |
| PF08-14 | 15.76 | 17.9 | 2.14 | 1.51 | 5389 | 12.6 | 0.015 |
| *including* | 16.97 | 17.9 | 0.93 | 2.71 | 4231 | 11.7 | 0.023 |
| PF08-15 | 4.50 | 13.07 | 8.57 | 0.26 | 1016 | 2.5 | |
| *and* | 38.65 | 48.00 | 9.35 | 0.29 | | | |
| PF08-16 | 0.61 | 7.1 | 6.49 | 0.98 | | | |
| including | 0.61 | 3.00 | 2.39 | 1.78 | | | |
| and | 25.00 | 29.00 | 4.00 | 1.1 | | | |
| PF08-17 | 1.22 | 6.00 | 4.78 | 0.62 | | | |
| | 17.00 | 19.00 | 2.00 | 2.22 | | | |
| | 27.00 | 28.91 | 1.91 | 1.96 | | | |


5,449,700 mN
5,449,650 mN
5,449,600 mN
5,449,550 mN
397,050 mE
397,100 mE
397,150 mE
397,200 mE
PF08-13
PF08-14
PF08-12
PF08-15
PF08-11
PF08-10
PF08-9
PF08-6
PF08-5
PF08-7
PF08-8
PF08-4
PF08-3
PF08-2
PF08-1
51.82m
53.64m
35.36m
84.12m
78.03m
53.64m
74.98m
28.96m
10.67m
17.68m
32.31m
106.68m
93.27m
59.74m
90.22m
1000
Kingsman Resources Inc.
Pathfinder Property
Diamond Drilling Program 2008
Pathfinder Zone
Date:5/12/2008
Author:
Office: CGreig
Drawing: SFlasha
Scale: 1:1000
Projection: UTM Zone 11 (NAD 83) Contour Interval: 20m
0 12.5 25 50
metres


2.22 g/T Au, 1.47 g/T Ag over 9.2m
9.9 g/T Au, 1.9 g/T Ag over 1.2m
0.95 g/T Au, 1.4 g/T Ag over 1.9m
93.27m
59.74m
4.59 g/T Au, 0.80 g/T Ag over 9.5m
1,050mRL
1,025mRL
1,000mRL
975mRL
950mRL
PF08-1
PF08-2
0.50 g/t Au
0.25 g/t Au
50
59.74m
93.27m
5,449,525mN
397,100mE
397,125mE
5,449,550mN
397,150mE
397,175mE
5,449,575mN
397,200mE
Kingsman Resources Inc.
Pathfinder Property
Pathfinder Zone
PF08-01 & 02
View Northwesterly
Date:5/12/2008
Author:
Office: C Greig
Drawing:
Scale: 1:750
Projection: Non-Earth (meters)
0
7.5
15
30
metres


0.76 g/T Au, 1.4 g/T Ag over 19.8m
1.47 g/T Au, 1.3 g/T Ag over 8.0m
3.63 g/T Au, 0.70 g/T Ag over 3.1m
2.22 g/T Au, 1.47 g/T Ag over 9.2m
4.59 g/T Au, 0.80 g/T Ag over 9.5m
90.22m
1,050m
1,025m
1,000m
975m
950m
925m
1.12 g/t Au
1.28 g/t Au
1.19 g/t Au
PF08-3
0.92 g/t over 5.8 m
50
1.0 g/t Au
0.75 g/t Au
0.5 g/t Au
0.25 g/t Au
90.22m
5,449,600mN
5,449,575mN
5,449,550mN
5,449,525mN
5,449,500mN
5,449,475mN
Kingsman Resources Inc.
Pathfinder Property
Pathfinder Zone
PF08-03
View Easterly
Date:5/12/2008
Author:
Office: C Greig
Drawing: SFlasha
Scale: 1:750
Projection: Non-Earth (meters)
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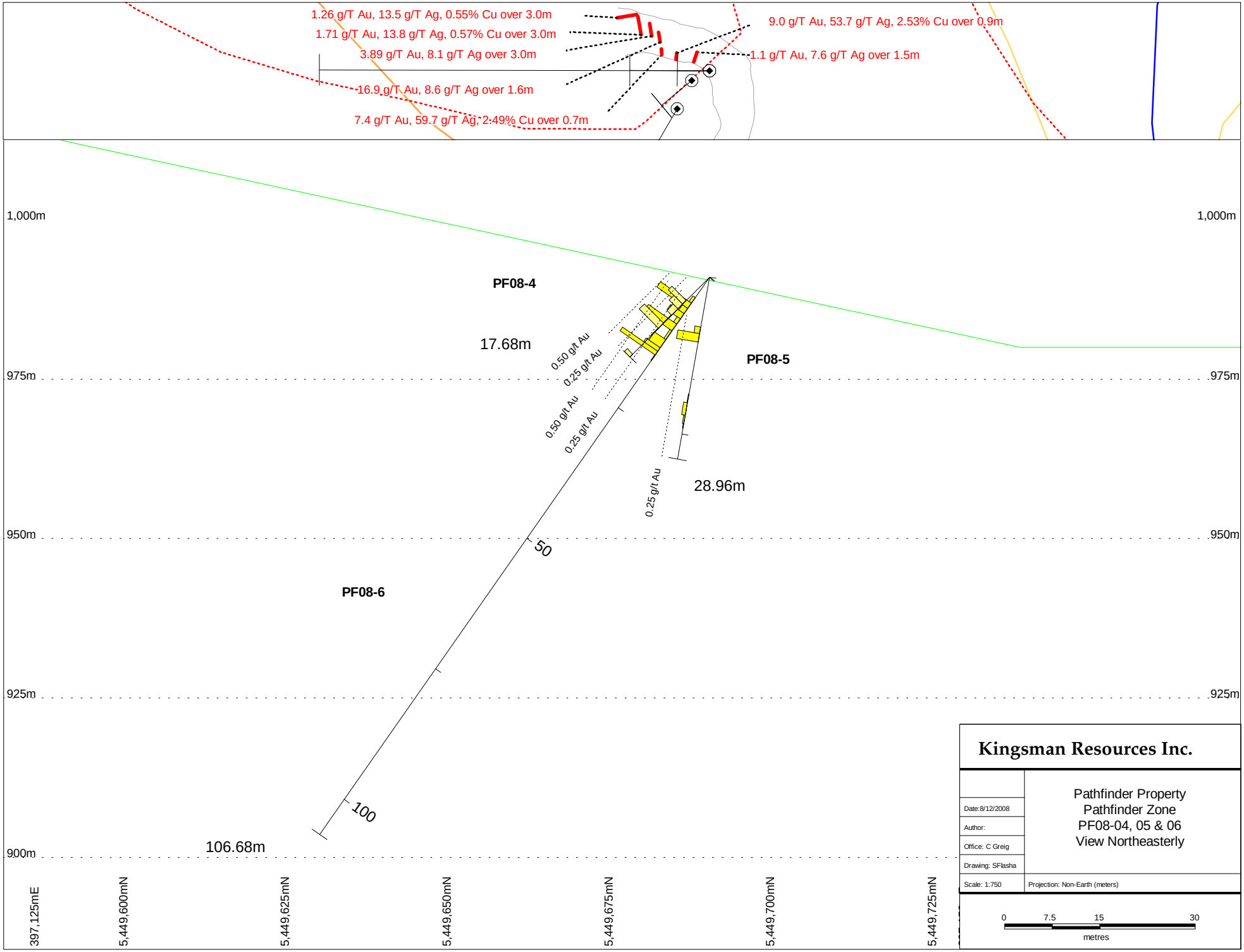
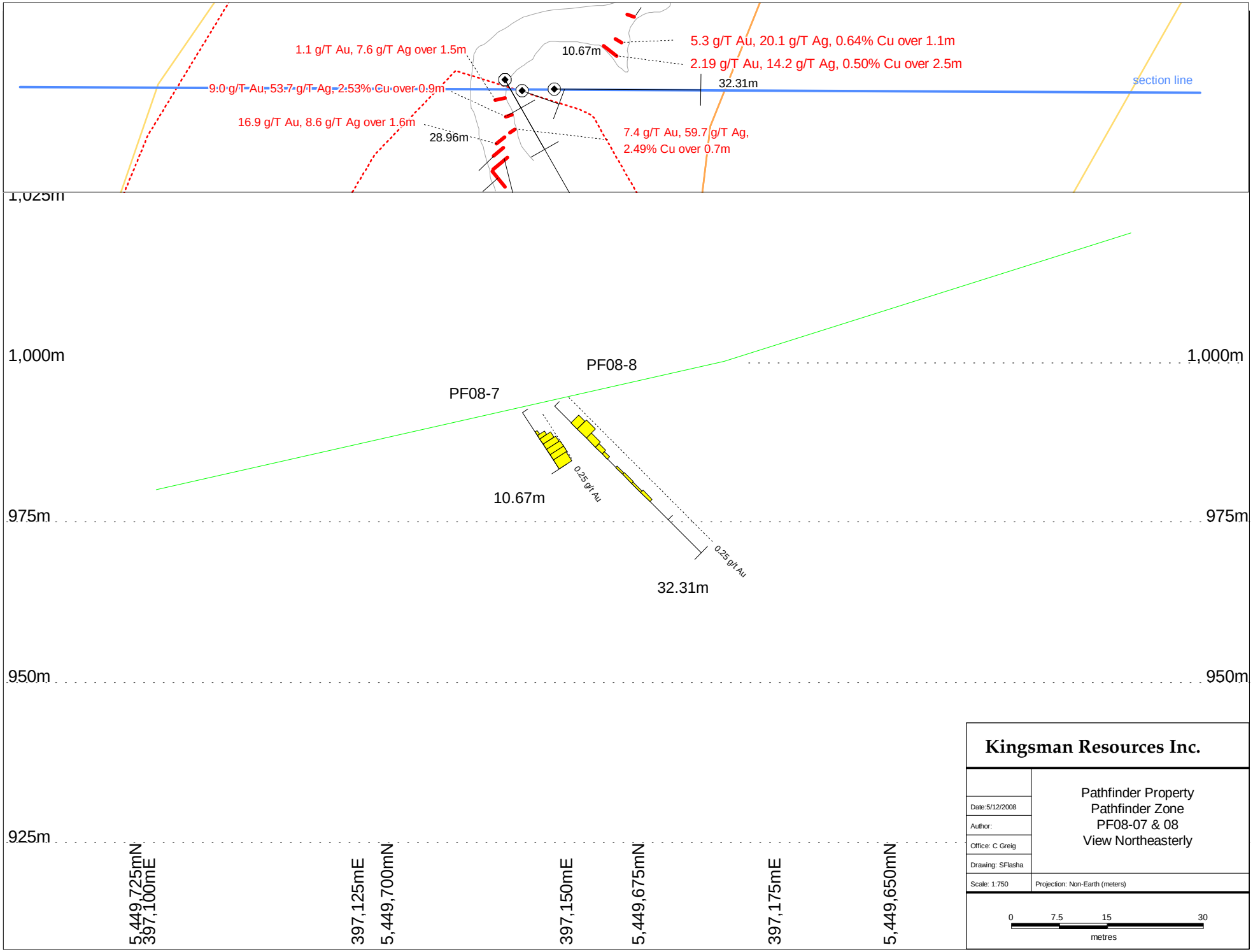
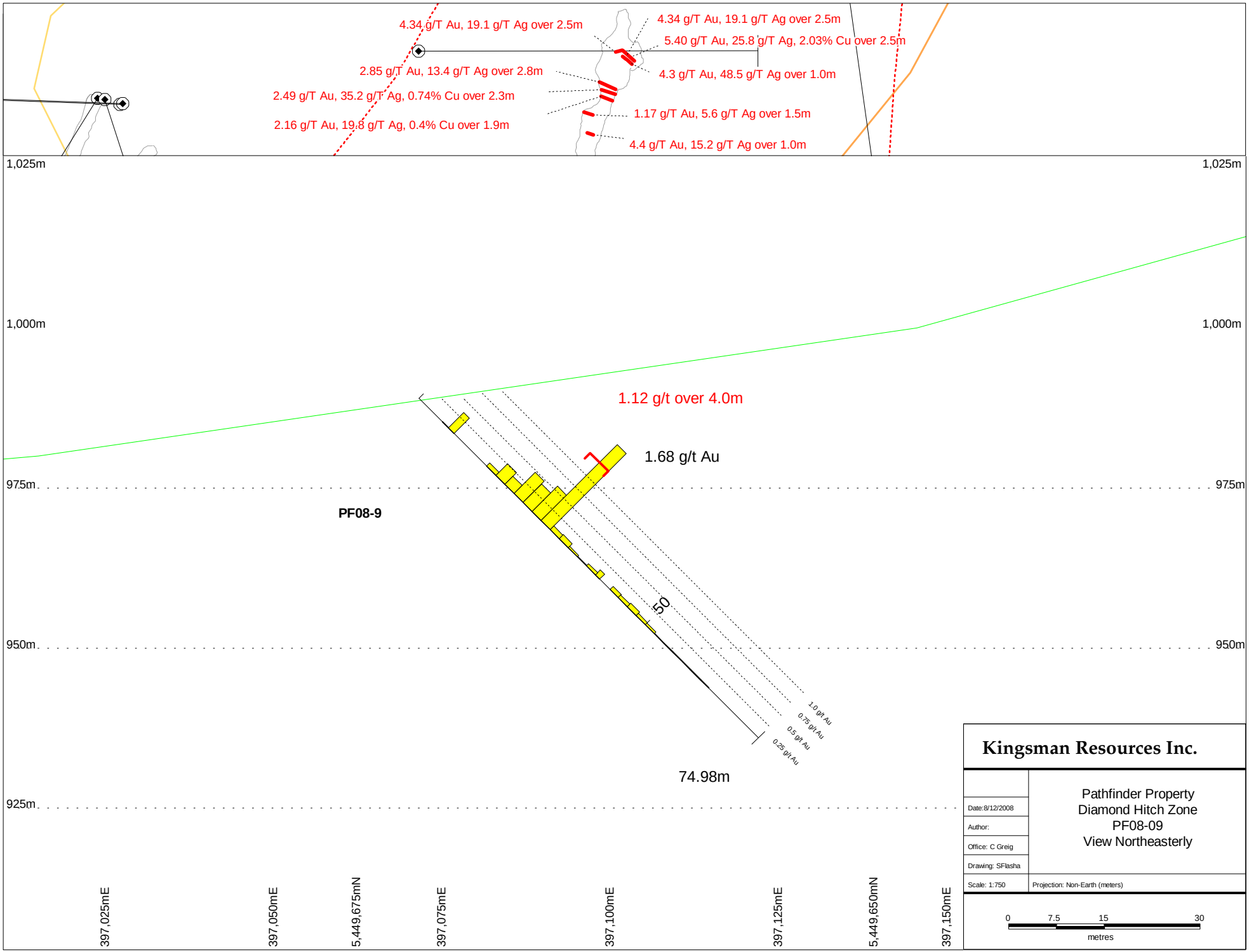
7.5
15
30
metres


1.26 g/T Au, 13.5 g/T Ag, 0.55% Cu over 3.0m
1.71 g/T Au, 13.8 g/T Ag, 0.57% Cu over 3.0m
3.89 g/T Au, 8.1 g/T Ag over 3.0m
16.9 g/T Au, 8.6 g/T Ag over 1.6m
7.4 g/T Au, 59.7 g/T Ag, 2.49% Cu over 0.7m
9.0 g/T Au, 53.7 g/T Ag, 2.53% Cu over 0.9m
1.1 g/T Au, 7.6 g/T Ag over 1.5m
1,000m
975m
950m
925m
900m
PF08-4
17.68m
0.50 g/t Au
0.25 g/t Au
0.50 g/t Au
0.25 g/t Au
PF08-5
0.25 g/t Au
28.96m
50
PF08-6
100
106.68m
397,125mE
5,449,600mN
5,449,625mN
5,449,650mN
5,449,675mN
5,449,700mN
5,449,725mN
Kingsman Resources Inc.
Date:8/12/2008
Author:
Office: C Greig
Drawing: SFlasha
Scale: 1:750
Pathfinder Property
Pathfinder Zone
PF08-04, 05 & 06
View Northeasterly
Projection: Non-Earth (meters)
0
7.5
15
30
metres


1.1 g/T Au, 7.6 g/T Ag over 1.5m
10.67m
5.3 g/T Au, 20.1 g/T Ag, 0.64% Cu over 1.1m
2.19 g/T Au, 14.2 g/T Ag, 0.50% Cu over 2.5m
32.31m
section line
9.0 g/T Au, 53.7 g/T Ag, 2.53% Cu over 0.9m
16.9 g/T Au, 8.6 g/T Ag over 1.6m
28.96m
7.4 g/T Au, 59.7 g/T Ag,
2.49% Cu over 0.7m
1,025m
1,000m
PF08-8
PF08-7
0.25 g/t Au
10.67m
975m
0.25 g/t Au
32.31m
950m
925m
5,449,725mN
397,100mE
397,125mE
5,449,700mN
397,150mE
5,449,675mN
397,175mE
5,449,650mN
Kingsman Resources Inc.
Pathfinder Property
Pathfinder Zone
PF08-07 & 08
View Northeasterly
Date:5/12/2008
Author:
Office: C Greig
Drawing: SFlasha
Scale: 1:750
Projection: Non-Earth (meters)
0
7.5
15
30
metres


4.34 g/T Au, 19.1 g/T Ag over 2.5m
4.34 g/T Au, 19.1 g/T Ag over 2.5m
5.40 g/T Au, 25.8 g/T Ag, 2.03% Cu over 2.5m
2.85 g/T Au, 13.4 g/T Ag over 2.8m
4.3 g/T Au, 48.5 g/T Ag over 1.0m
2.49 g/T Au, 35.2 g/T Ag, 0.74% Cu over 2.3m
1.17 g/T Au, 5.6 g/T Ag over 1.5m
2.16 g/T Au, 19.8 g/T Ag, 0.4% Cu over 1.9m
4.4 g/T Au, 15.2 g/T Ag over 1.0m
1,025m
1,000m
975m
950m
925m
1.12 g/t over 4.0m
1.68 g/t Au
PF08-9
50
1.0 g/t Au
0.75 g/t Au
0.5 g/t Au
0.25 g/t Au
74.98m
397,025mE
397,050mE
5,449,675mN
397,075mE
397,100mE
397,125mE
5,449,650mN
397,150mE
Kingsman Resources Inc.
Pathfinder Property
Diamond Hitch Zone
PF08-09
View Northeasterly
Date:8/12/2008
Author:
Office: C Greig
Drawing: SFlasha
Scale: 1:750
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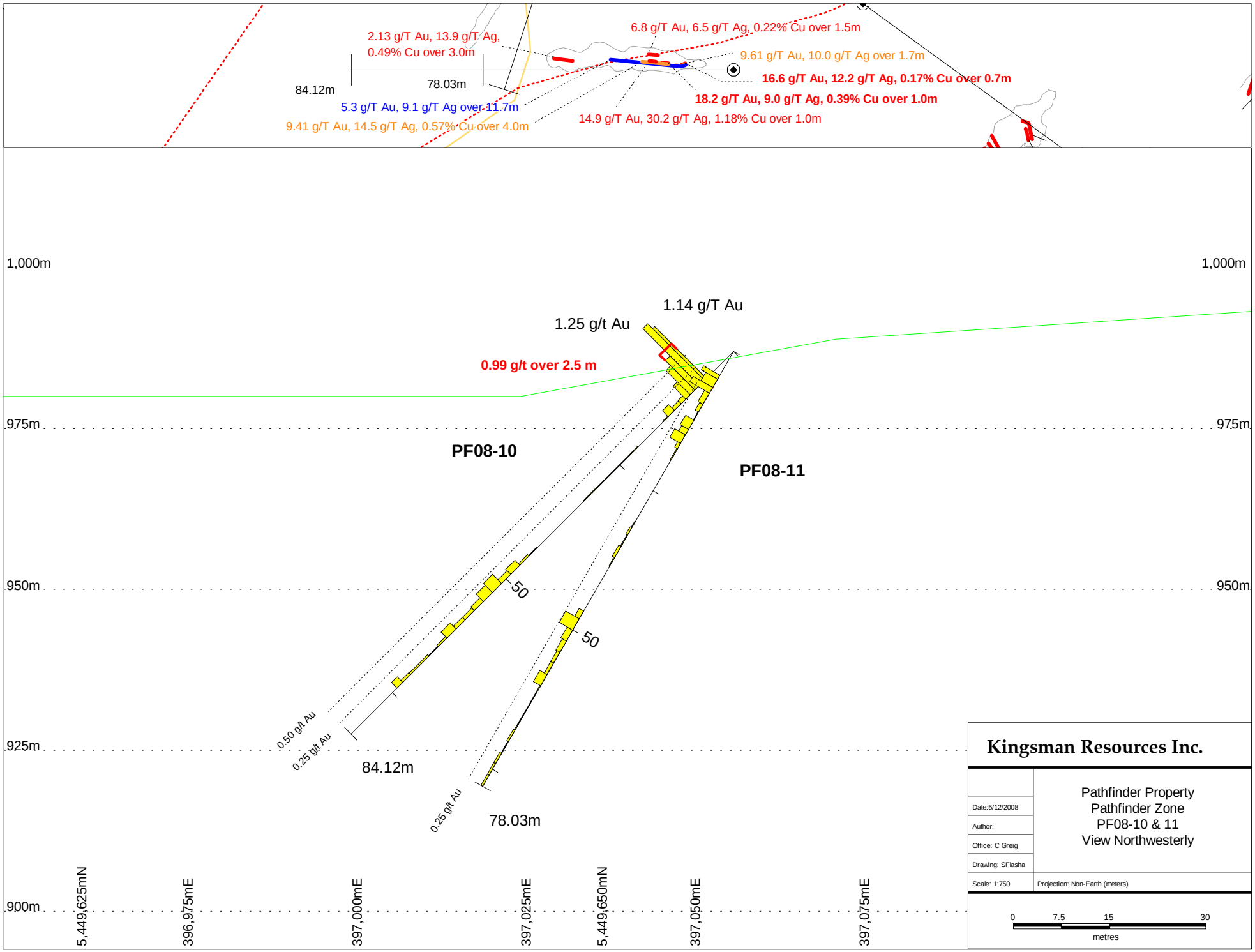
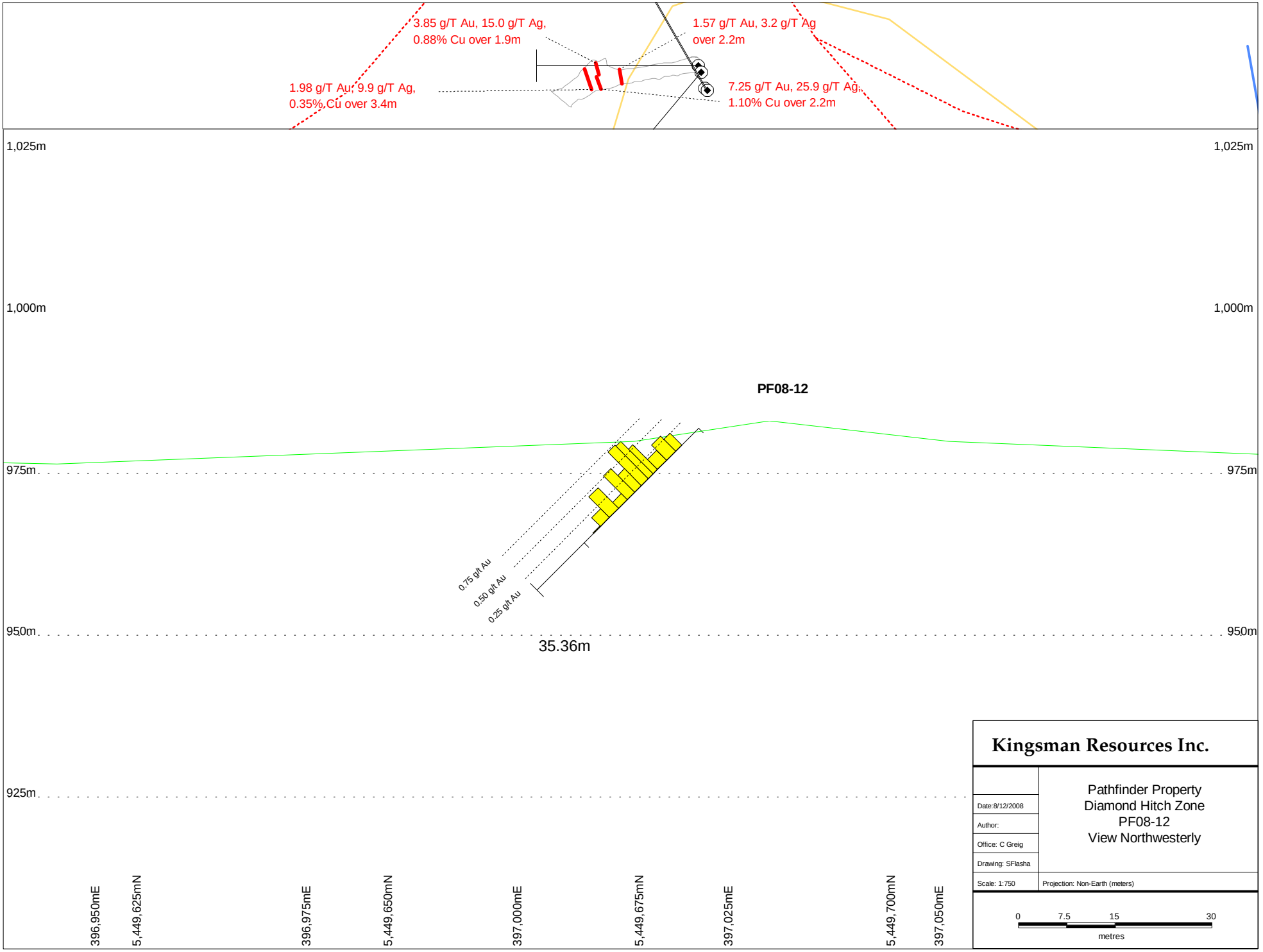
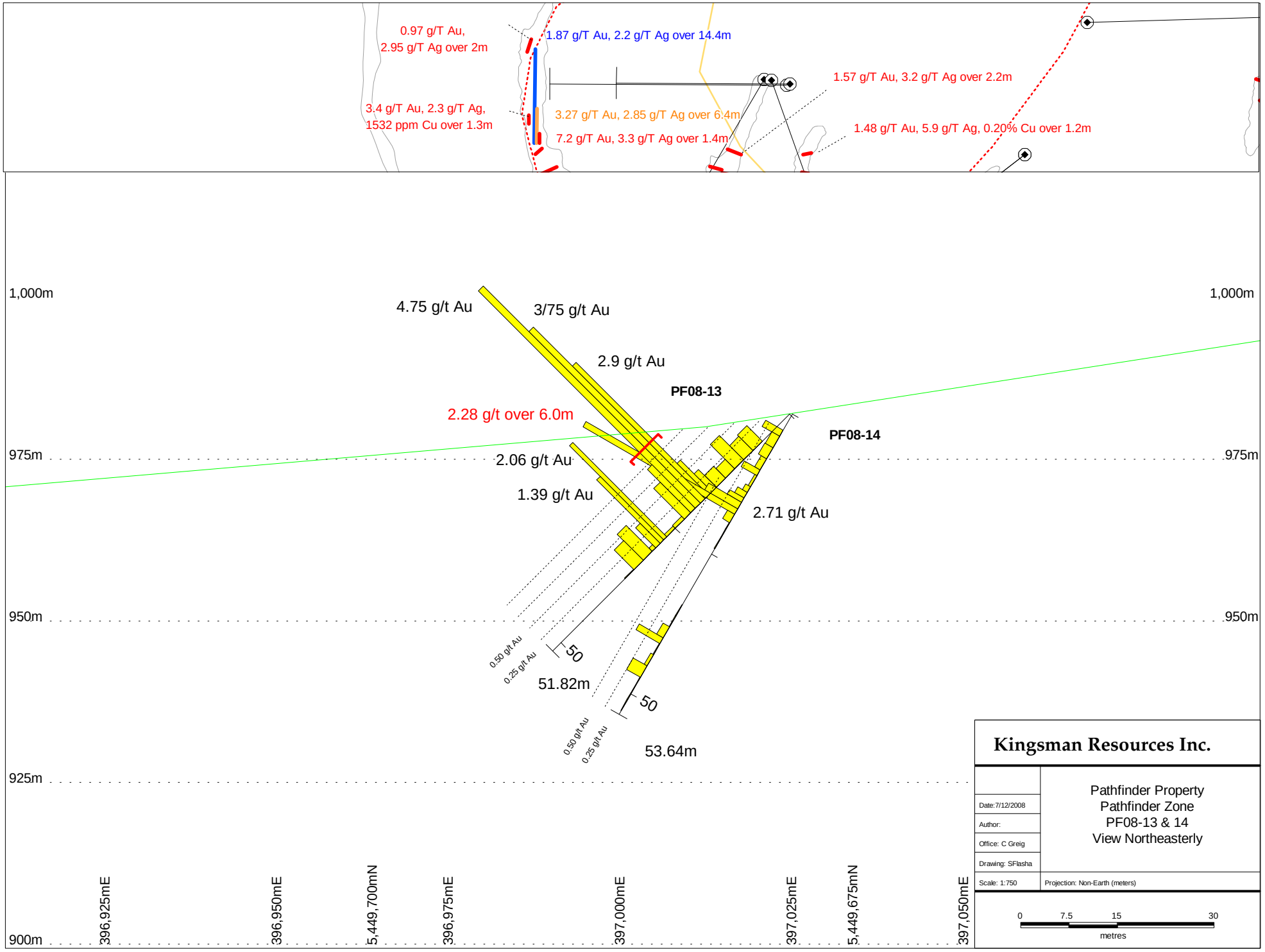
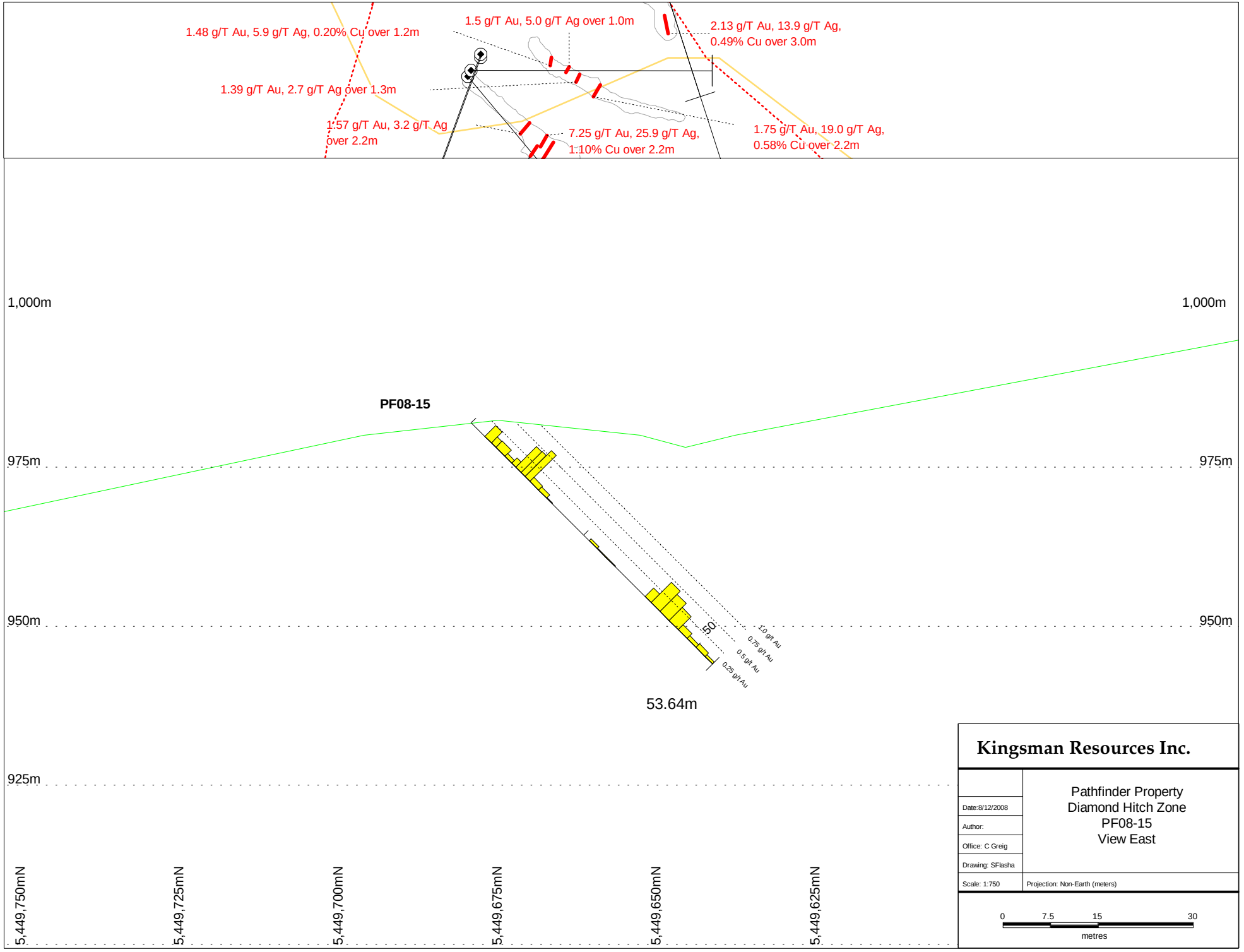
0
7.5
15
30
metres


2.13 g/T Au, 13.9 g/T Ag, 0.49% Cu over 3.0m
6.8 g/T Au, 6.5 g/T Ag, 0.22% Cu over 1.5m
9.61 g/T Au, 10.0 g/T Ag over 1.7m
16.6 g/T Au, 12.2 g/T Ag, 0.17% Cu over 0.7m
18.2 g/T Au, 9.0 g/T Ag, 0.39% Cu over 1.0m
14.9 g/T Au, 30.2 g/T Ag, 1.18% Cu over 1.0m
84.12m
78.03m
5.3 g/T Au, 9.1 g/T Ag over 11.7m
9.41 g/T Au, 14.5 g/T Ag, 0.57% Cu over 4.0m
1,000m
1.14 g/T Au
1.25 g/t Au
0.99 g/t over 2.5 m
975m
PF08-10
PF08-11
950m
50
50
0.50 g/t Au
0.25 g/t Au
84.12m
925m
0.25 g/t Au
78.03m
900m
5,449,625mN
396,975mE
397,000mE
397,025mE
5,449,650mN
397,050mE
397,075mE
Kingsman Resources Inc.
Pathfinder Property
Pathfinder Zone
PF08-10 & 11
View Northwesterly
Date:5/12/2008
Author:
Office: C Greig
Drawing: SFlasha
Scale: 1:750
Projection: Non-Earth (meters)
0
7.5
15
30
metres


3.85 g/T Au, 15.0 g/T Ag,
0.88% Cu over 1.9m
1.57 g/T Au, 3.2 g/T Ag
over 2.2m
1.98 g/T Au, 9.9 g/T Ag,
0.35% Cu over 3.4m
7.25 g/T Au, 25.9 g/T Ag,
1.10% Cu over 2.2m
1,025m
1,000m
975m
950m
925m
PF08-12
0.75 g/t Au
0.50 g/t Au
0.25 g/t Au
35.36m
396,950mE
5,449,625mN
396,975mE
5,449,650mN
397,000mE
5,449,675mN
397,025mE
5,449,700mN
397,050mE
Kingsman Resources Inc.
Pathfinder Property
Diamond Hitch Zone
PF08-12
View Northwesterly
Date:8/12/2008
Author:
Office: C Greig
Drawing: SFlasha
Scale: 1:750
Projection: Non-Earth (meters)
0
7.5
15
30
metres


0.97 g/T Au,
2.95 g/T Ag over 2m
1.87 g/T Au, 2.2 g/T Ag over 14.4m
1.57 g/T Au, 3.2 g/T Ag over 2.2m
3.4 g/T Au, 2.3 g/T Ag,
1532 ppm Cu over 1.3m
3.27 g/T Au, 2.85 g/T Ag over 6.4m
7.2 g/T Au, 3.3 g/T Ag over 1.4m
1.48 g/T Au, 5.9 g/T Ag, 0.20% Cu over 1.2m
1,000m
975m
950m
925m
900m
4.75 g/t Au
3/75 g/t Au
2.9 g/t Au
PF08-13
2.28 g/t over 6.0m
PF08-14
2.06 g/t Au
1.39 g/t Au
2.71 g/t Au
0.50 g/t Au
0.25 g/t Au
50
51.82m
50
53.64m
396,925mE
396,950mE
5,449,700mN
396,975mE
397,000mE
397,025mE
5,449,675mN
397,050mE
Kingsman Resources Inc.
Pathfinder Property
Pathfinder Zone
PF08-13 & 14
View Northeasterly
Date:7/12/2008
Author:
Office: C Greig
Drawing: SFlasha
Scale: 1:750
Projection: Non-Earth (meters)
0
7.5
15
30
metres


1.48 g/T Au, 5.9 g/T Ag, 0.20% Cu over 1.2m
1.5 g/T Au, 5.0 g/T Ag over 1.0m
2.13 g/T Au, 13.9 g/T Ag, 0.49% Cu over 3.0m
1.39 g/T Au, 2.7 g/T Ag over 1.3m
1.57 g/T Au, 3.2 g/T Ag over 2.2m
7.25 g/T Au, 25.9 g/T Ag, 1.10% Cu over 2.2m
1.75 g/T Au, 19.0 g/T Ag, 0.58% Cu over 2.2m
1,000m
1,000m
PF08-15
975m
975m
950m
950m
50
1.0 g/t Au
0.75 g/t Au
0.5 g/t Au
0.25 g/t Au
53.64m
925m
5,449,750mN
5,449,725mN
5,449,700mN
5,449,675mN
5,449,650mN
5,449,625mN
Kingsman Resources Inc.
Pathfinder Property
Diamond Hitch Zone
PF08-15
View East
Date:8/12/2008
Author:
Office: C Greig
Drawing: SFlasha
Scale: 1:750
Projection: Non-Earth (meters)
0
7.5
15
30
metres

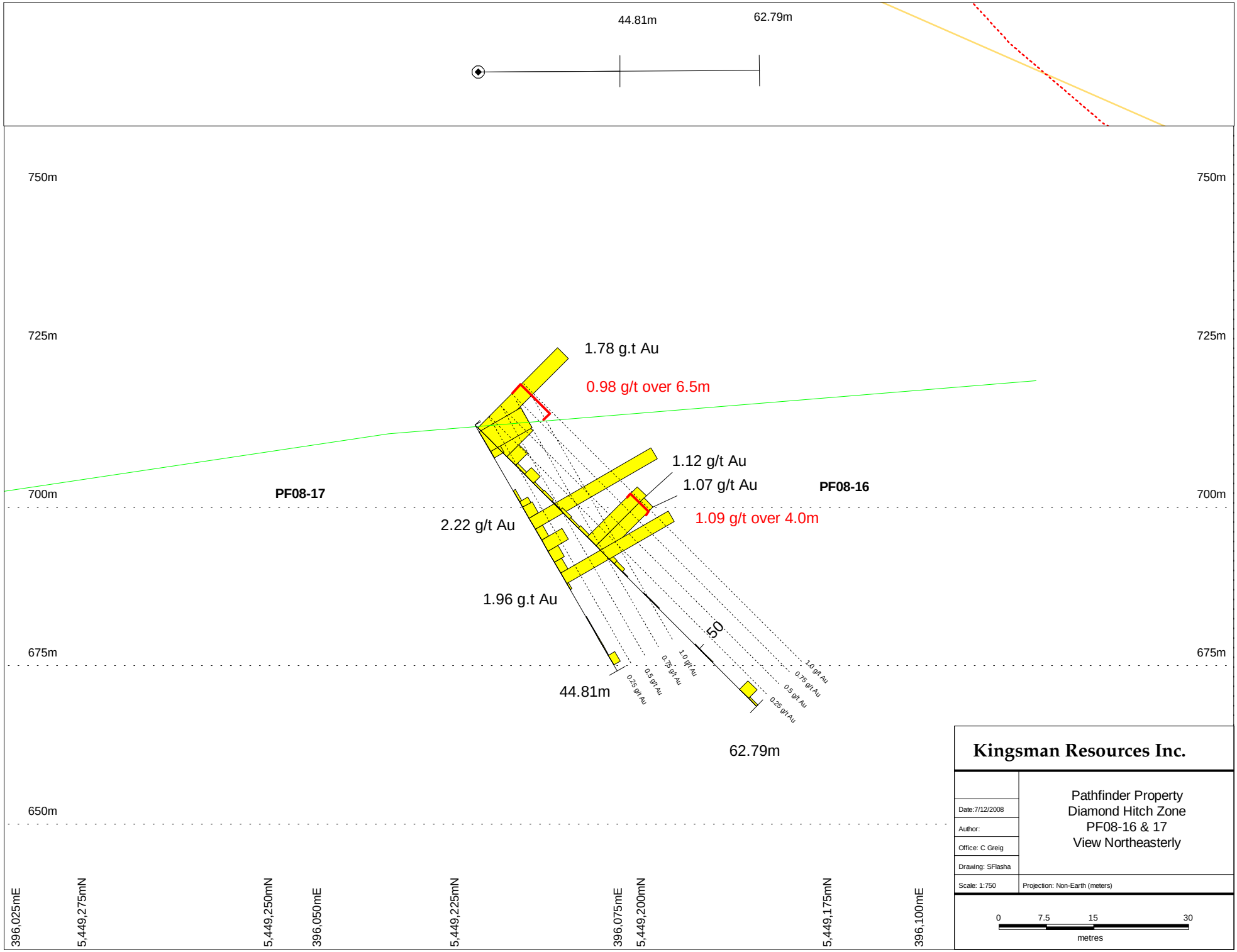

44.81m
62.79m
750m
725m
700m
675m
650m
1.78 g.t Au
0.98 g/t over 6.5m
1.12 g/t Au
1.07 g/t Au
1.09 g/t over 4.0m
2.22 g/t Au
1.96 g.t Au
PF08-17
PF08-16
50
0.25 g/t Au
0.5 g/t Au
0.75 g/t Au
1.0 g/t Au
44.81m
62.79m
396,025mE
5,449,275mN
5,449,250mN
396,050mE
5,449,225mN
396,075mE
5,449,200mN
5,449,175mN
396,100mE
Kingsman Resources Inc.
Pathfinder Property
Diamond Hitch Zone
PF08-16 & 17
View Northeasterly
Date:7/12/2008
Author:
Office: C Greig
Drawing: SFlasha
Scale: 1:750
Projection: Non-Earth (meters)
0
7.5
15
30
metres

**Figure 6: DDH PF08-1, PF08-2**

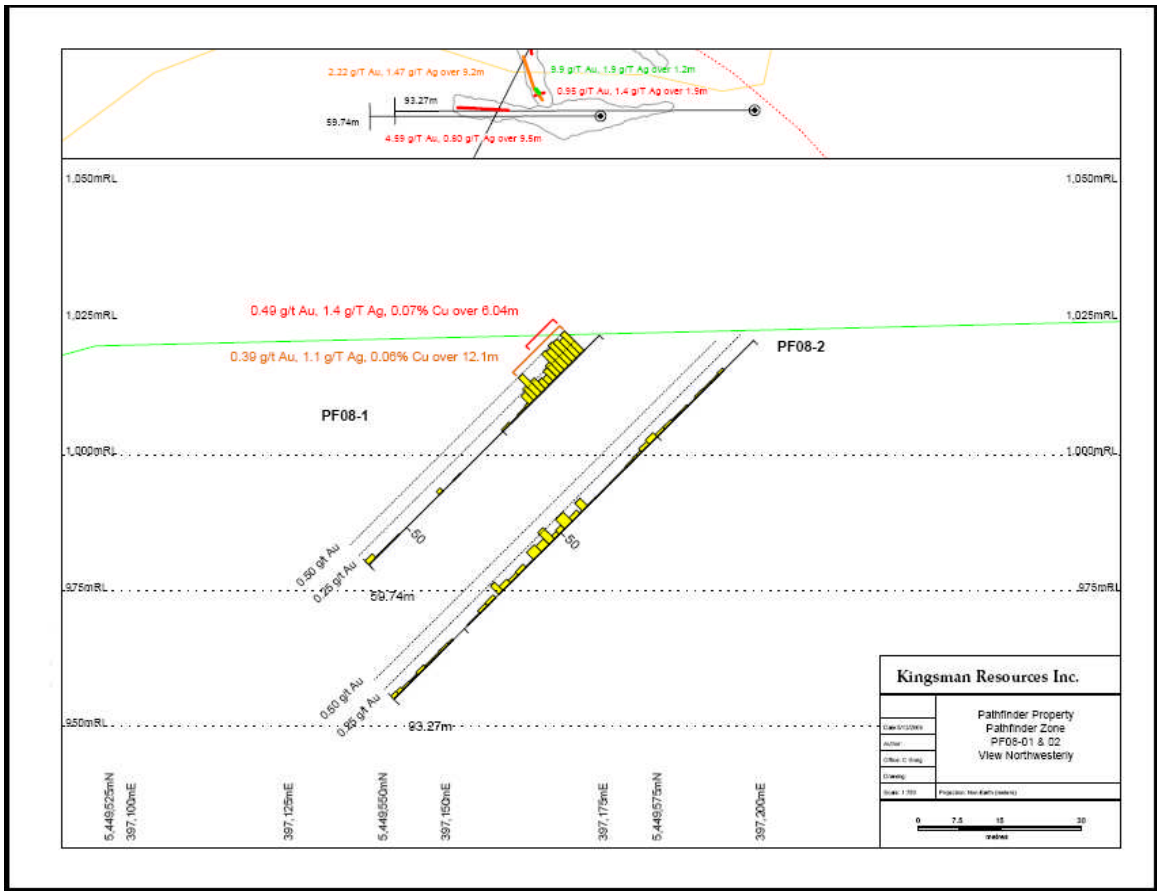


**Figure 7: DDH PF08-3**

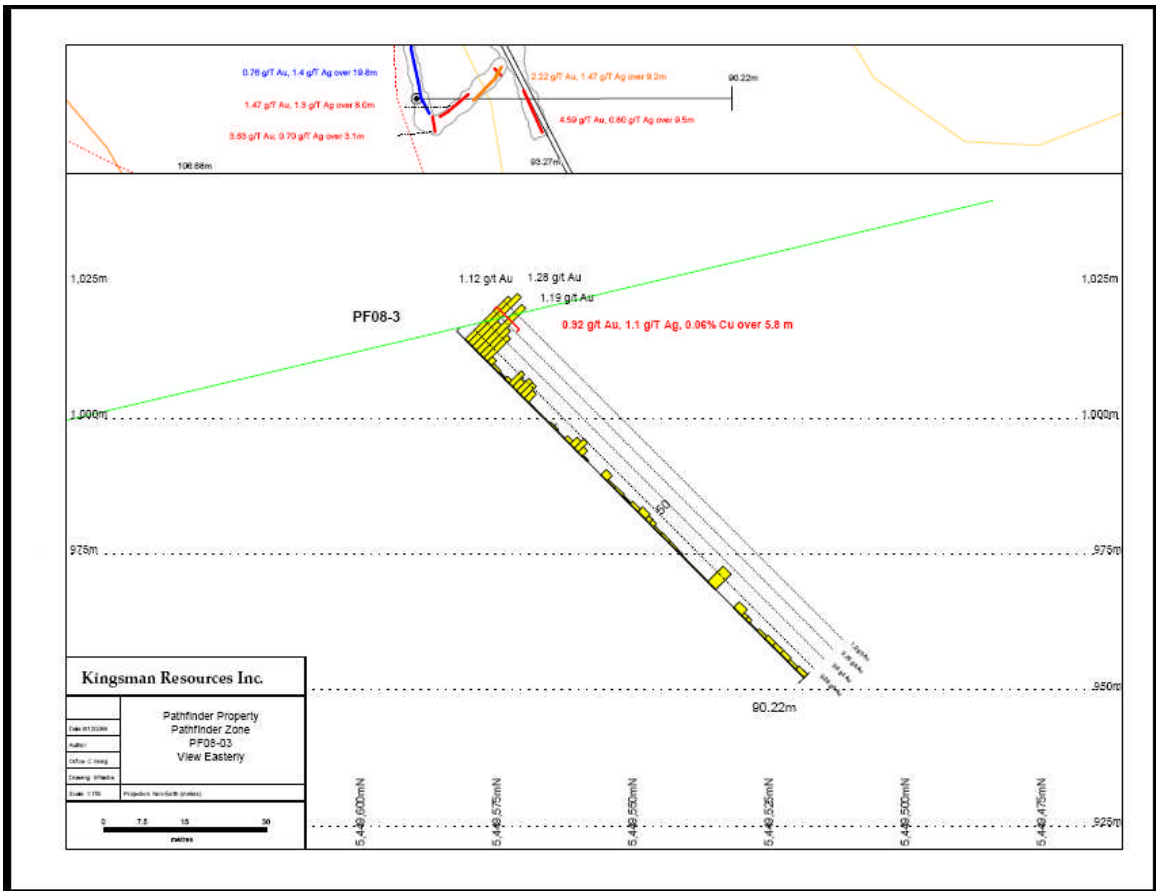


**Figure 8: DDH PF08-4, PF08-5, PF08-6**

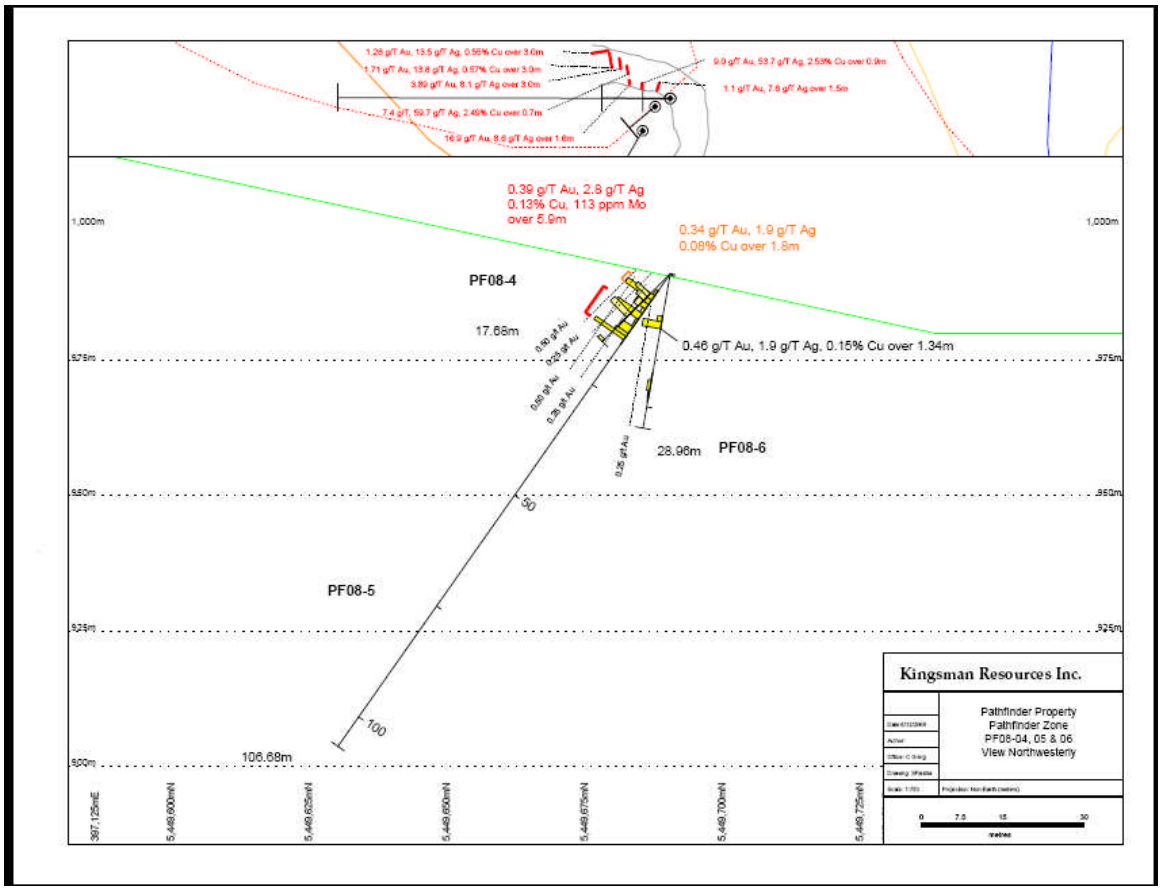


**Figure 9: DDH PF08-7, PF08-8**

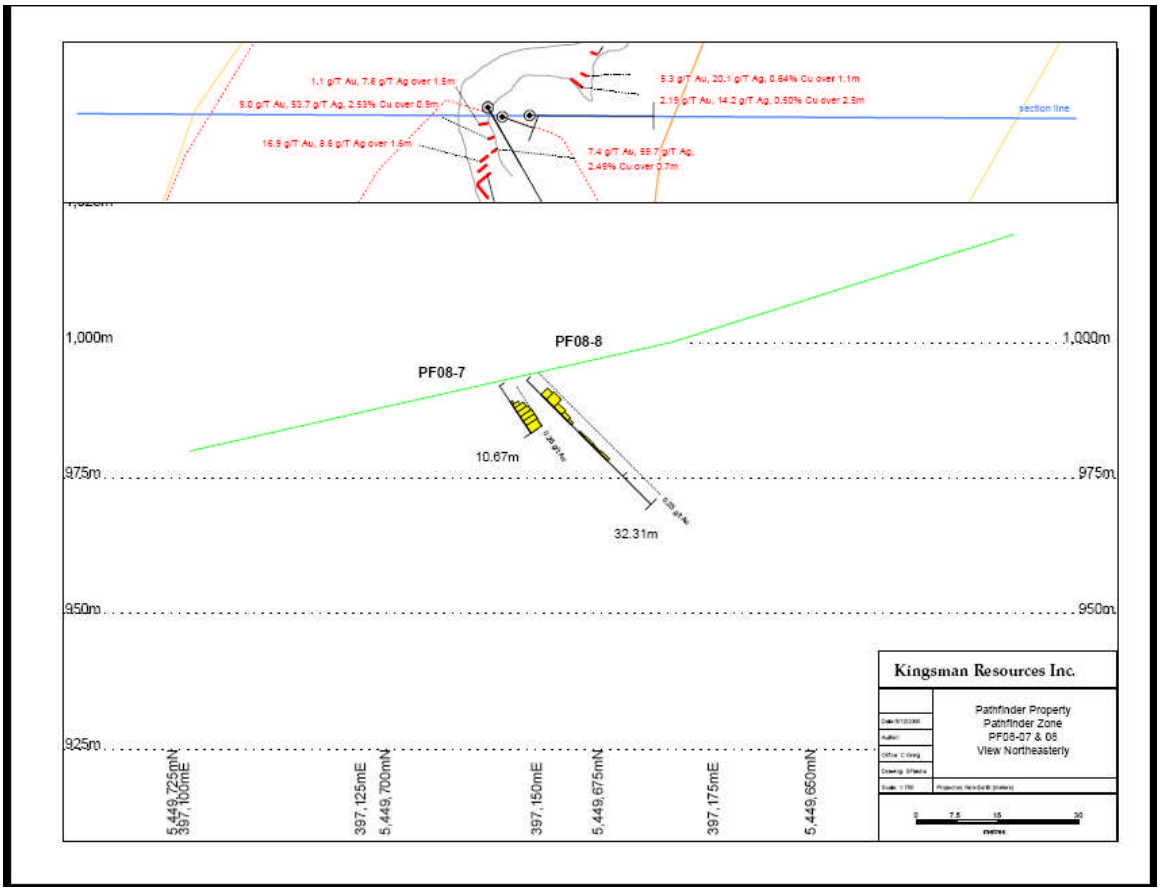


**Figure 10: DDH PF08-9**

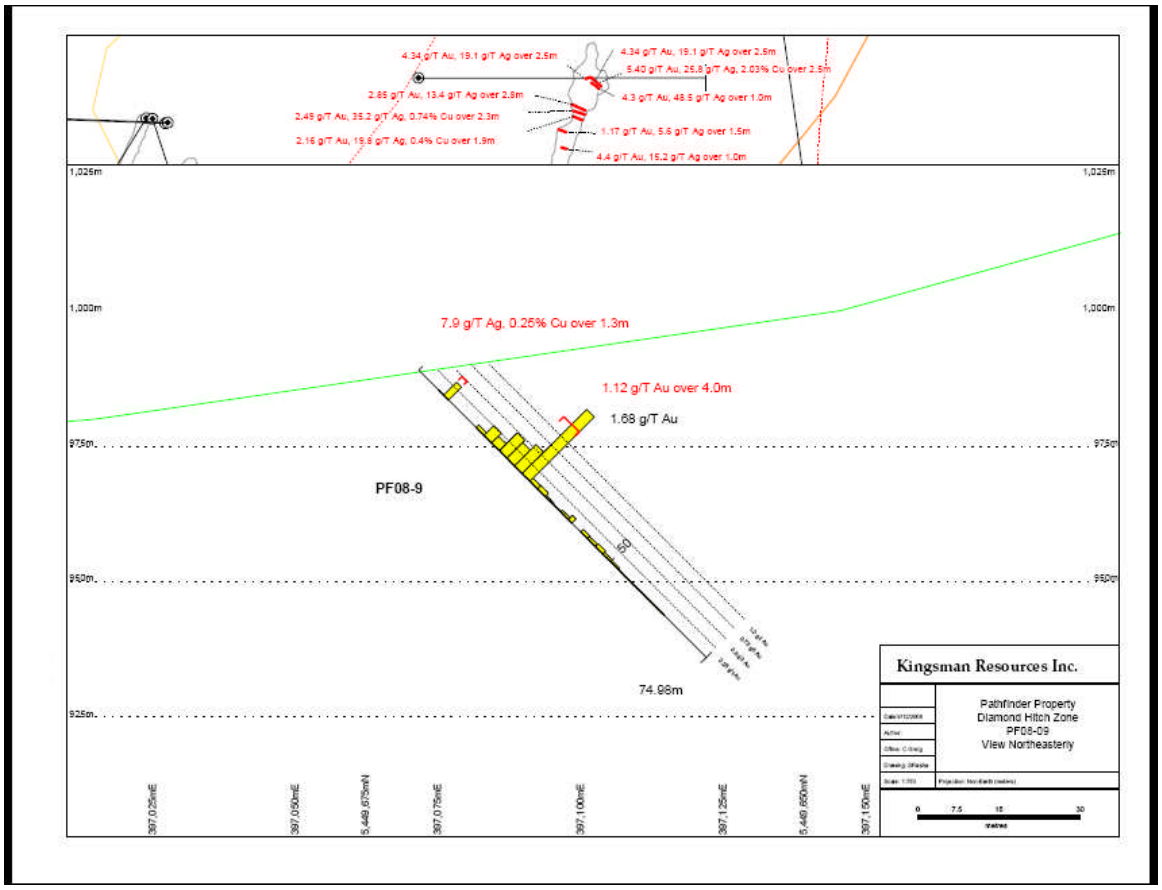


**Figure 11: DDH PF08-10, PF08-11**

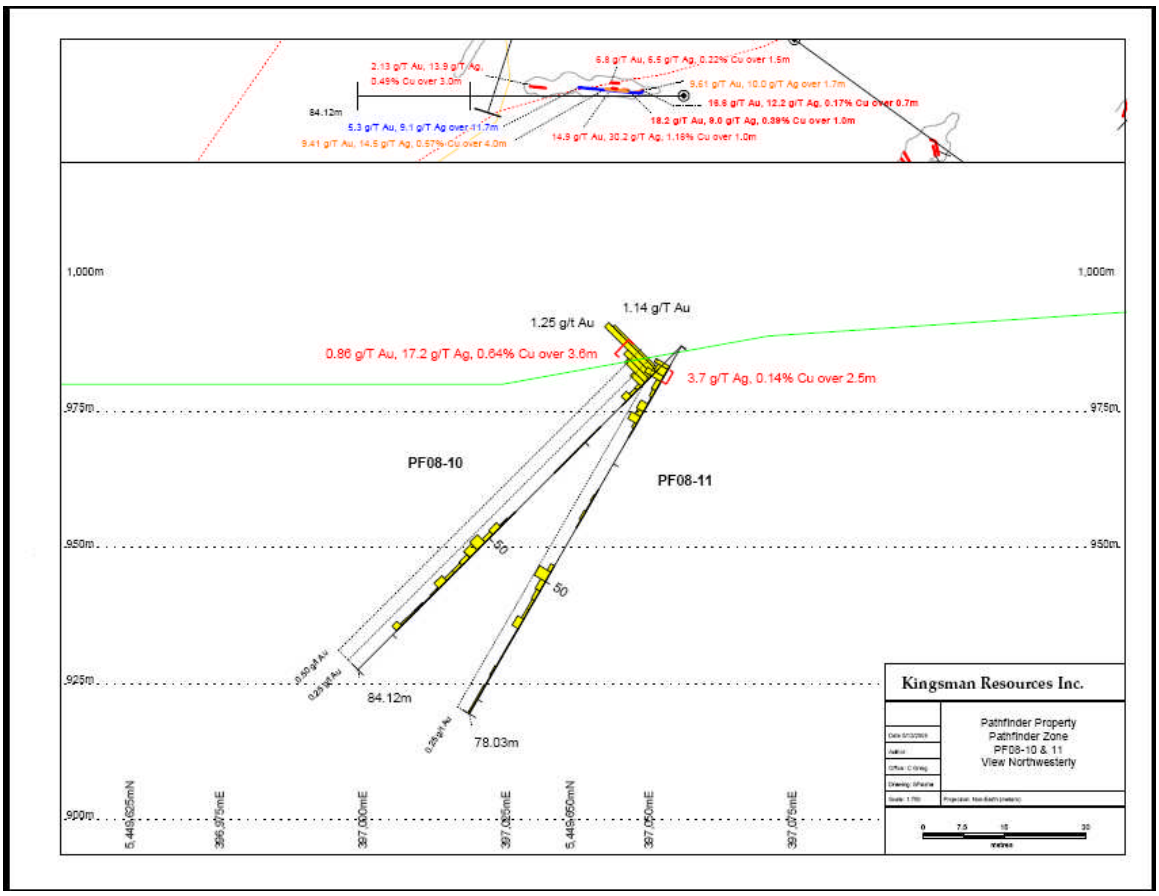


**Figure 12: DDH PF08-12**

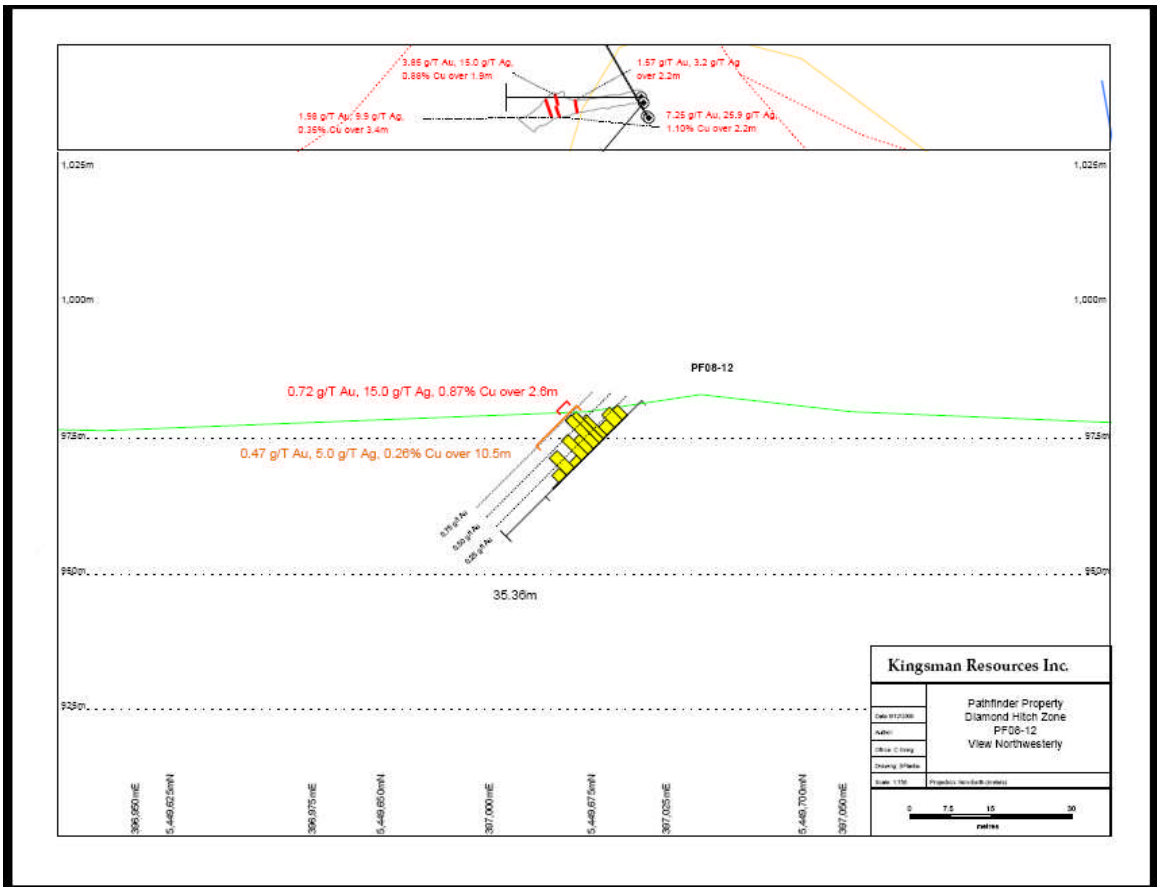


**Figure 13: DDH PF08-13, PF08-14**

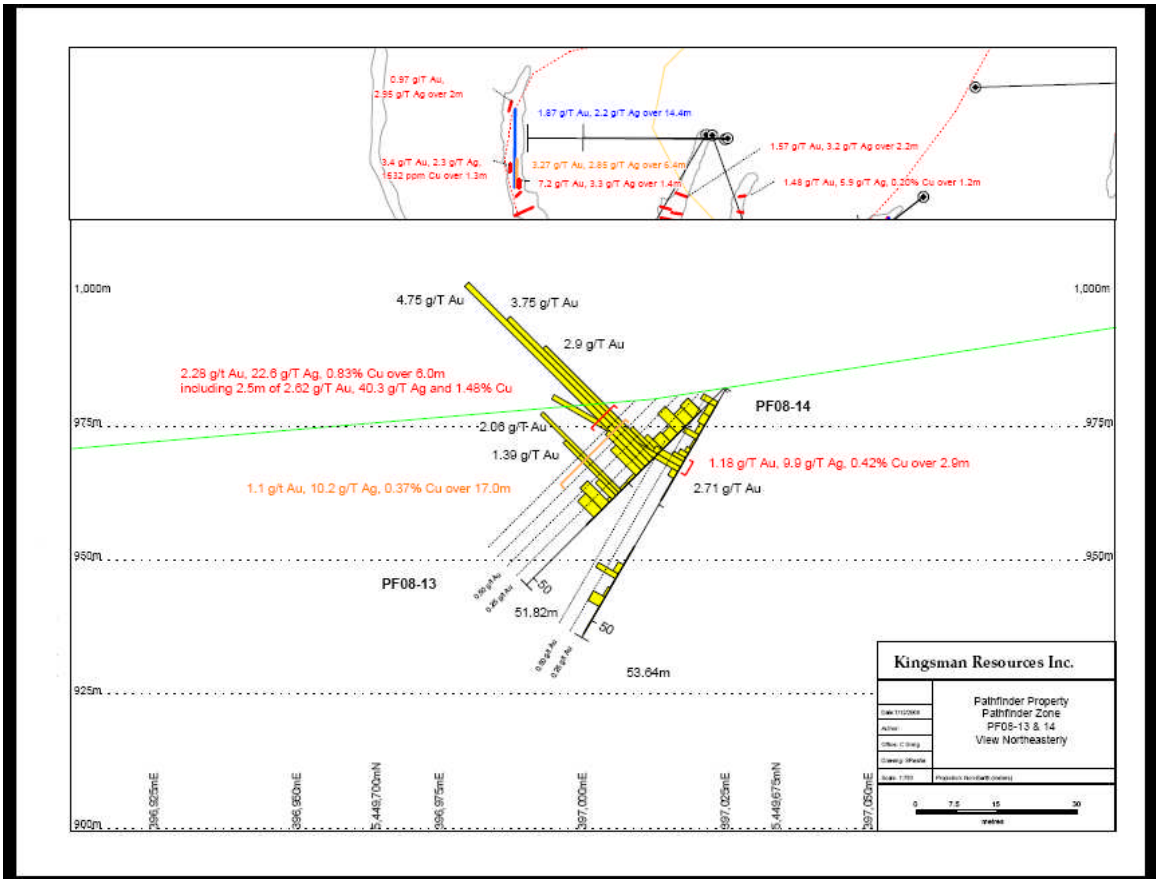


**Figure 14: DDH PF08-15**

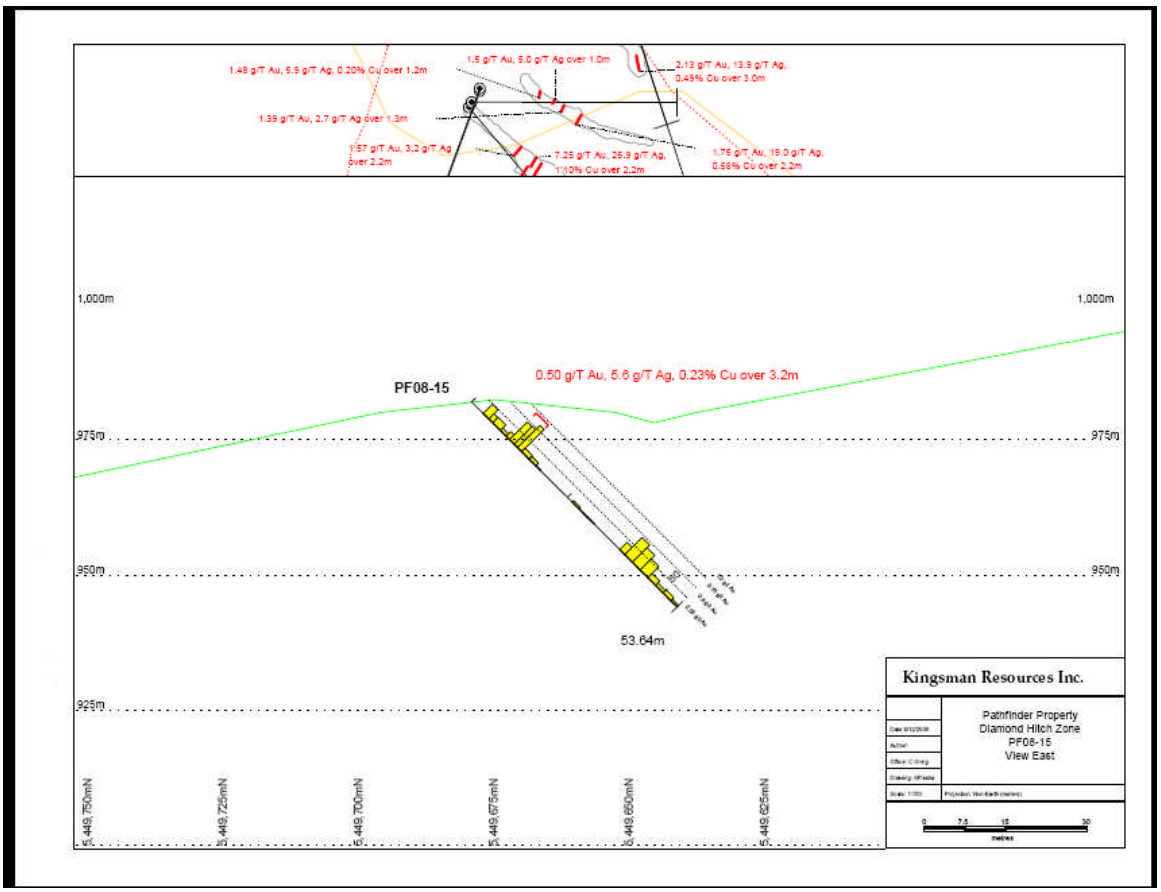
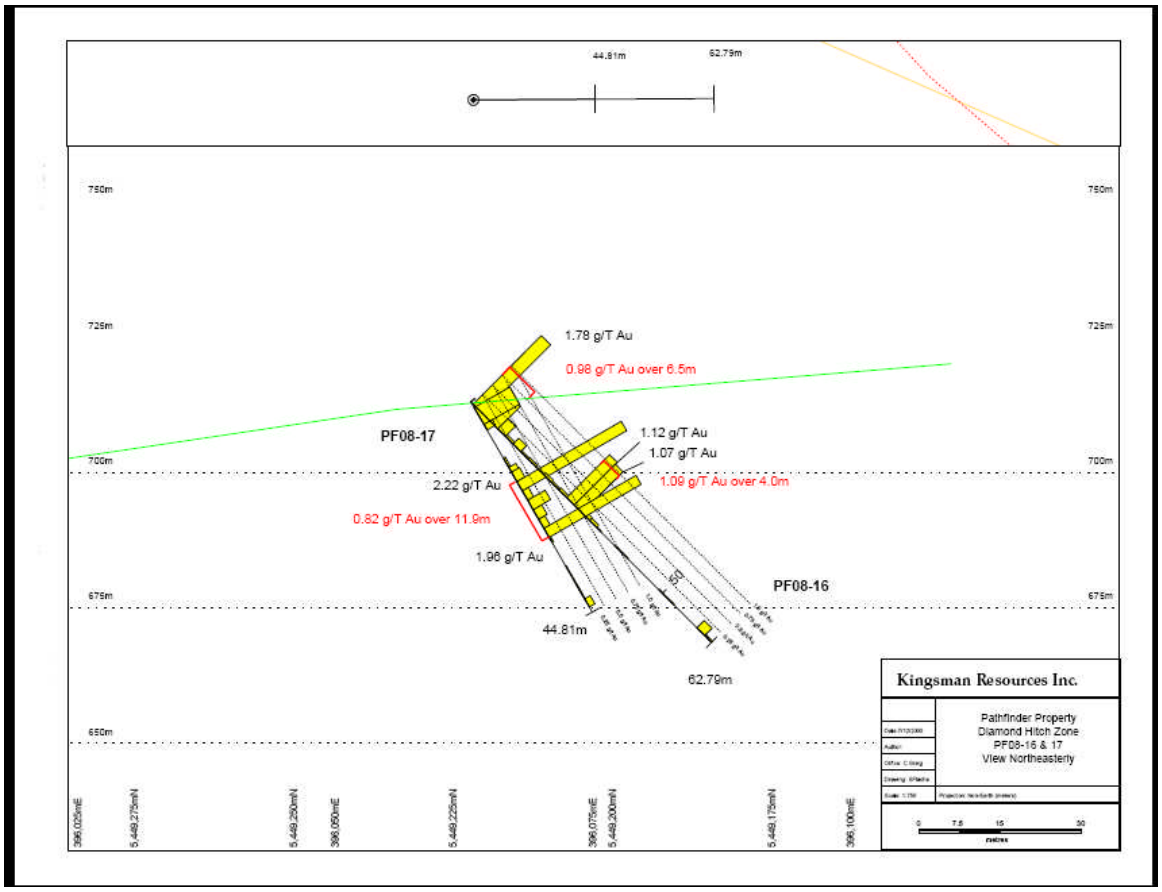


**Figure 15: DDH PF08-16, PF08-17**



# 8.0 CONCLUSIONS

The 2008 diamond drill program on the Pathfinder property consisted of a series of short holes which were designed to test significant gold and copper mineralization discovered during the 2008 trenching program. Fifteen short holes were drilled in the Pathfinder area and two short holes were drilled at the Diamond Hitch area.

The most striking result of the drilling at the Pathfinder area was the disparity between trench results and drilling. Significantly lower gold and to a lesser extent copper values were obtained even in very similar looking material. Specifically, the massive sulphide lenses seen in trenching returned markedly lower values in drill core. An example of this is the massive sulphide lens in hole PF08-10. One possible and likely explanation is the degree of oxidation seen in trenching versus drilling and that gold enrichment occurred as a result of the oxidation at surface.

Drilling at the Pathfinder also confirmed the strong correlation between gold and copper or chalcopyrite. Elevated gold values were consistently correlated with elevated to anomalous copper. This is an important relationship with respect to future exploration geochemistry at the Pathfinder. Interestingly, arsenopyrite does not play an important role at the Pathfinder. Even where arsenopyrite occurs, which is uncommon, there is no correlation with gold. Magnetite is rare but is locally seen intergrown with massive sulphides.

Drilling at the Pathfinder also revealed the close spatial relationship between mineralized zones, the feldspar porphyry unit and the granodiorite. Both massive sulphide replacement zones and strong fracture controlled mineralization occur in these units.

Drilling at the Diamond Hitch area revealed some significant differences with the Pathfinder area. Gold mineralization encountered in the two holes here appears to be related to subtle fracture controlled pyrite and/or pyrrhotite with no enhanced copper mineralization. Mineralization is hosted by a hornfelsed and variably calcareous siltstone.

Skarn alteration and mineralization is not volumetrically significant in the areas drilled to date.

In the past the Pathfinder Property had been thought of as a skarn type property. The current drilling program has demonstrated that while some skarn style alteration exists, it is neither extensive nor intense, nor is it strongly correlated with gold or copper mineralization. The current drilling has shown that gold and copper mineralization especially at the Pathfinder is related to both fracture controlled sulphides and massive replacements spatially related to the feldspar porphyry and granodiorite units.

# 9.0 RECOMMENDATIONS

The Pathfinder property has demonstrated several styles of gold mineralizaton in the two areas drilled. In addition other parts of the property remain relatively unexplored. The following recommendations are suggested to move the property forward prior to any further drilling.

1. Compile all the historical data into a GIS database
2. Map the property at a scale of 1:5000
3. Prospect the property using seasoned prospectors

# 9.0 COST STATEMENT

| | | | |
|---|---|---|---|
| **Labour** | **Project Supervision/Geology (B. Augsten, 33.5 days)** | **$** | **20,100.00** |
| | **Core Cutting, reclamation (J.Kemp,** | **$** | **3,900.00** |
| **Trucks and Fuel** | | **$** | **4770.75** |
| **Site Prep/Reclamation** | **Smuland Contracting** | **$** | **8,602.49** |
| **Water Hauling/Supply** | **Impact Equipment, Ray Hewitt** | **$** | **14,900.00** |
| **Diamond Drilling** | **Westcore Diamond Drilling (985 metres BQTW)** | **$** | **119,356.18** |
| **Analyses** | **429 rock samples (ICP and Assay)** | **$** | **16,537.15** |
| **Room and board** | | **$** | **2,384.19** |
| **GIS support** | | **$** | **2000.00** |
| **Report** | | **$** | **2,500.00** |
| **Miscellaneous** | | **$** | **3150.98** |
| | **TOTAL EXPENDITURES** | **$** | **198,201.74** |

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Structure and petrology of the Grand Forks Group, British Columbia; GSC Paper 69-22, 80p.

Sookochoff, L., 1984:
Diamond drilling report on the Pathfinder Property. Assessment Report 12,123.

Sookochoff, L., 1985:
Diamond drilling report on the Pathfinder Property. Assessment Report 14,208.

MINFILE: British Columbia Mineral Occurrence database.

RGS: British Columbia geochemical database

MAPPLACE: interactive site for geoscience data for British Columbi

# 11.0 CERTIFICATE OF AUTHOR

*I, Bernhardt Augsten, P. Geo., do hereby certify that:*

1. *I am currently self-employed as a consulting geologist resident at:*

   *5936 Stafford Rd.*
   *Nelson, BC*
   *V1L 6P3*

2. *I graduated with a degree in Geology, BSc Hons, from Carleton University in 1985.*

3. *I am a member of the Association of Professional Engineers and Geoscientists of British Columbia.*

4. *I have worked as an exploration geologist since my graduation from university.*

5. *I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.*

6. *I do own shares in Kingsman Resources Inc.*

# APPENDIX I – SAMPLE LOG

| SAMPLE LOG | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample_ID | Hole_ID | From_m | To_m | Width_m | Au_g/t | Ag_ppm | Ag_g/t | Cu_ppm | Cu_% | Mo_ppm | As_ppm | W_% |
| 250031 | PF08-2 | 9.00 | 11.00 | 2.00 | 0.03 | 0.5 | | 34.84 | | 3.15 | 13.4 | |
| 250032 | PF08-2 | 11.00 | 13.00 | 2.00 | 0.03 | 0.6 | | 33.80 | | 5.99 | 11.1 | |
| 250033 | Duplicate of previous | | | | 0.05 | 0.3 | | 36.96 | | 6.91 | 13.9 | |
| 250034 | PF08-2 | 13.00 | 15.00 | 2.00 | 0.04 | 0.3 | | 39.09 | | 2.74 | 19.3 | |
| 250035 | PF08-2 | 15.00 | 17.00 | 2.00 | <0.03 | 0.2 | | 45.73 | | 3.37 | 17.4 | |
| 250036 | PF08-2 | 17.00 | 19.00 | 2.00 | 0.03 | 0.2 | | 21.47 | | 1.91 | 12.3 | |
| 250037 | PF08-2 | 19.00 | 21.00 | 2.00 | 0.03 | 0.2 | | 24.86 | | 1.53 | 11.4 | |
| 250038 | PF08-2 | 21.00 | 23.00 | 2.00 | 0.05 | 0.2 | | 27.53 | | 2.47 | 13.1 | |
| 250039 | Blank Standard | | | | <0.03 | 0.2 | | 33.09 | | 4.04 | 4.0 | |
| 250040 | PF08-2 | 23.00 | 25.00 | 2.00 | 0.05 | 0.3 | | 37.85 | | 2.60 | 11.8 | |
| 250041 | PF08-2 | 25.00 | 27.00 | 2.00 | 0.11 | 0.5 | | 104.10 | | 21.12 | 20.7 | |
| 250042 | PF08-2 | 27.00 | 29.00 | 2.00 | 0.08 | 0.2 | | 59.54 | | 17.15 | 9.6 | |
| 250043 | PF08-2 | 29.00 | 31.00 | 2.00 | 0.04 | 0.2 | | 50.62 | | 3.37 | 9.5 | |
| 250044 | PF08-2 | 31.00 | 33.00 | 2.00 | 0.03 | 0.2 | | 50.22 | | 2.31 | 13.4 | |
| 250045 | Mineralized Std GS-14 | | | | 7.46 | 0.1 | | 101.70 | | 21.08 | 3.2 | |
| 250046 | PF08-2 | 33.00 | 35.00 | 2.00 | <0.03 | 0.3 | | 69.26 | | 1.49 | 18.1 | |
| 250047 | PF08-2 | 35.00 | 37.00 | 2.00 | <0.03 | 0.3 | | 63.38 | | 2.14 | 22.8 | |
| 250048 | PF08-2 | 37.00 | 39.00 | 2.00 | <0.03 | 0.3 | | 38.77 | | 8.61 | 13.8 | |
| 250049 | PF08-2 | 39.00 | 41.00 | 2.00 | <0.03 | 0.2 | | 97.26 | | 5.17 | 12.6 | |
| 250050 | PF08-2 | 41.00 | 43.00 | 2.00 | <0.03 | 0.2 | | 54.45 | | 2.64 | 11.0 | |
| 250051 | Duplicate of previous | | | | <0.03 | 0.1 | | 47.00 | | 2.42 | 9.2 | |
| 250052 | PF08-2 | 43.00 | 44.36 | 1.36 | 0.20 | 1.0 | | 275.80 | | 5.35 | 7.0 | |
| 250053 | PF08-2 | 44.36 | 45.00 | 0.64 | <0.03 | 0.2 | | 35.80 | | 8.24 | 10.0 | |
| 250054 | PF08-2 | 45.00 | 47.00 | 2.00 | 0.09 | 0.4 | | 53.44 | | 2.84 | 6.6 | |
| 250055 | PF08-2 | 47.00 | 49.00 | 2.00 | 0.24 | 0.7 | | 97.05 | | 6.59 | 25.6 | |
| 250056 | PF08-2 | 49.00 | 50.40 | 1.40 | 0.10 | 0.3 | | 16.71 | | 2.90 | 6.0 | |
| 250057 | Blank Standard | | | | <0.03 | 0.1 | | 39.04 | | 4.75 | 4.7 | |
| 250058 | PF08-2 | 50.40 | 51.60 | 1.20 | 0.08 | 0.8 | | 6.04 | | 1.35 | 3.1 | |
| 250059 | PF08-2 | 51.60 | 53.00 | 1.40 | 0.30 | 1.4 | | 126.50 | | 6.62 | 13.4 | |
| 250060 | PF08-2 | 53.00 | 55.00 | 2.00 | 0.15 | 0.4 | | 19.18 | | 2.65 | 7.2 | |

| SAMPLE LOG | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample_ID | Hole_ID | From_m | To_m | Width_m | Au_g/t | Ag_ppm | Ag_g/t | Cu_ppm | Cu_% | Mo_ppm | As_ppm | W_% |
| 250061 | PF08-2 | 55.00 | 57.00 | 2.00 | 0.19 | 0.4 | | 33.49 | | 1.89 | 10.3 | |
| 250062 | PF08-2 | 57.00 | 59.00 | 2.00 | <0.03 | 0.1 | | 4.53 | | 2.02 | 2.7 | |
| 250063 | PF08-2 | 59.00 | 61.00 | 2.00 | 0.08 | 0.1 | | 19.67 | | 0.76 | 4.6 | |
| 250064 | PF08-2 | 61.00 | 63.00 | 2.00 | 0.06 | 0.2 | | 22.43 | | 1.55 | 7.8 | |
| 250065 | PF08-2 | 63.00 | 65.00 | 2.00 | 0.10 | 0.3 | | 18.90 | | 1.01 | 6.8 | |
| 250066 | PF08-2 | 65.00 | 66.10 | 1.10 | 0.22 | 0.2 | | 16.24 | | 0.93 | 3.9 | |
| 250067 | Mineralized Std GS-P5B | | | | 0.44 | 0.8 | | 30.10 | | 3.68 | 233.0 | |
| 250068 | PF08-2 | 66.87 | 69.00 | 2.13 | 0.07 | 0.3 | | 12.01 | | 1.01 | 8.1 | |
| 250069 | PF08-2 | 69.00 | 71.00 | 2.00 | 0.06 | 0.1 | | 5.07 | | 1.71 | 9.6 | |
| 250070 | PF08-2 | 71.00 | 72.10 | 1.10 | <0.03 | 0.2 | | 8.00 | | 1.72 | 13.1 | |
| 250071 | PF08-2 | 72.10 | 74.19 | 2.09 | <0.03 | 0.1 | | 14.92 | | 1.02 | 7.7 | |
| 250072 | PF08-2 | 77.88 | 79.00 | 1.12 | 0.03 | 0.1 | | 5.94 | | 1.14 | 11.8 | |
| 250073 | Duplicate of previous | | | | 0.03 | 0.1 | | 7.20 | | 1.47 | 12.5 | |
| 250074 | PF08-2 | 79.00 | 81.30 | 2.30 | 0.04 | 0.3 | | 9.97 | | 1.73 | 7.5 | |
| 250075 | PF08-2 | 81.30 | 83.00 | 1.70 | 0.03 | 0.1 | | 5.16 | | 0.56 | 3.6 | |
| 250076 | PF08-2 | 83.00 | 85.00 | 2.00 | 0.03 | 0.2 | | 3.36 | | 0.69 | 5.5 | |
| 250077 | PF08-2 | 85.00 | 87.00 | 2.00 | 0.06 | 0.1 | | 3.91 | | 0.36 | 3.6 | |
| 250078 | PF08-2 | 87.00 | 89.00 | 2.00 | 0.03 | 0.2 | | 3.67 | | 0.85 | 5.4 | |
| 250079 | Blank Standard | | | | <0.03 | 0.1 | | 38.78 | | 4.64 | 5.2 | |
| 250080 | PF08-2 | 89.00 | 90.85 | 1.85 | 0.04 | 0.2 | | 9.86 | | 1.11 | 9.3 | |
| 250081 | PF08-2 | 90.85 | 92.00 | 1.15 | 0.07 | 0.1 | | 18.62 | | 34.78 | 8.8 | |
| 250082 | PF08-2 | 92.00 | 93.27 | 1.27 | 0.08 | 0.1 | | 7.89 | | 10.08 | 7.8 | |
| 250083 | PF08-3 | 2.13 | 3.00 | 0.87 | 1.12 | 1.3 | | 773.50 | | 24.69 | 18.1 | |
| 250084 | PF08-3 | 3.00 | 4.00 | 1.00 | 1.28 | 1.2 | | 554.00 | | 19.36 | 26.4 | |
| 250085 | Mineralized Std GS-3B | | | | **3.44** | 6.1 | | 54.99 | | 16.87 | 418.7 | |
| 250086 | PF08-3 | 4.00 | 5.00 | 1.00 | 0.66 | 1.2 | | 668.10 | | 22.83 | 24.5 | |
| 250087 | PF08-3 | 5.00 | 6.00 | 1.00 | 1.19 | 0.8 | | 352.00 | | 38.86 | 17.4 | |
| 250088 | PF08-3 | 6.00 | 7.00 | 1.00 | 0.70 | 0.9 | | 499.50 | | 21.83 | 13.5 | |
| 250089 | PF08-3 | 7.00 | 7.95 | 0.95 | 0.60 | 1.1 | | 617.80 | | 10.02 | 15.8 | |
| 250090 | PF08-3 | 7.95 | 9.00 | 1.05 | 0.13 | 0.1 | | 30.00 | | 5.21 | 4.9 | |

| SAMPLE LOG | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample_ID | Hole_ID | From_m | To_m | Width_m | Au_g/t | Ag_ppm | Ag_g/t | Cu_ppm | Cu_% | Mo_ppm | As_ppm | W_% |
| 250091 | Duplicate of previous | | | | 0.16 | 0.2 | | 30.78 | | 5.98 | 4.5 | |
| 250092 | PF08-3 | 9.00 | 11.00 | 2.00 | 0.06 | 0.1 | | 52.19 | | 13.91 | 6.6 | |
| 250093 | PF08-3 | 11.00 | 12.50 | 1.50 | 0.03 | 0.2 | | 17.85 | | 5.54 | 6.1 | |
| 250094 | PF08-3 | 12.50 | 13.55 | 1.05 | 0.07 | 0.1 | | 50.41 | | 23.19 | 3.3 | |
| 250095 | PF08-3 | 13.55 | 14.50 | 0.95 | 0.32 | 0.8 | | 421.00 | | 43.07 | 10.0 | |
| 250096 | PF08-3 | 14.50 | 15.50 | 1.00 | 0.22 | 0.9 | | 413.20 | | 59.02 | 12.0 | |
| 250097 | Blank Standard | | | | <0.03 | 0.1 | | 36.46 | | 4.62 | 4.2 | |
| 250098 | PF08-3 | 15.50 | 16.50 | 1.00 | 0.32 | 0.9 | | 521.40 | | 222.60 | 17.9 | |
| 250099 | PF08-3 | 16.50 | 17.50 | 1.00 | 0.31 | 1.0 | | 550.50 | | 121.60 | 21.1 | |
| 250100 | PF08-3 | 17.50 | 18.56 | 1.06 | 0.21 | 0.9 | | 474.00 | | 132.80 | 20.4 | |
| 250101 | PF08-3 | 18.56 | 20.00 | 1.44 | <0.03 | 0.1 | | 20.43 | | 11.60 | 4.7 | |
| 250102 | PF08-3 | 20.00 | 22.00 | 2.00 | <0.03 | 0.3 | | 7.38 | | 22.48 | 4.1 | |
| 250103 | PF08-3 | 22.00 | 24.00 | 2.00 | <0.03 | 0.1 | | 28.69 | | 11.57 | 3.8 | |
| 250104 | PF08-3 | 24.00 | 26.00 | 2.00 | 0.04 | 0.2 | | 43.57 | | 7.19 | 4.3 | |
| 250105 | PF08-3 | 26.00 | 28.00 | 2.00 | <0.03 | 0.0 | | 2.10 | | 4.44 | 1.9 | |
| 250106 | PF08-3 | 28.00 | 29.42 | 1.42 | 0.08 | 0.1 | | 7.74 | | 8.91 | 5.7 | |
| 250107 | Mineralized Std GS-14 | | | | **7.54** | 0.1 | | 103.00 | | 20.77 | 2.9 | |
| 250108 | PF08-3 | 29.42 | 30.50 | 1.08 | 0.18 | 0.6 | | 110.00 | | 68.37 | 50.8 | |
| 250109 | PF08-3 | 30.50 | 31.50 | 1.00 | 0.25 | 0.7 | | 251.30 | | 11.00 | 97.4 | |
| 250110 | PF08-3 | 31.50 | 32.60 | 1.10 | 0.14 | 0.6 | | 243.50 | | 13.06 | 98.5 | |
| 250111 | PF08-3 | 32.60 | 34.00 | 1.40 | 0.03 | 0.1 | | 14.30 | | 16.16 | 7.0 | |
| 250112 | PF08-3 | 37.43 | 39.00 | 1.57 | 0.14 | 0.8 | | 21.05 | | 7.83 | 7.3 | |
| 250113 | Duplicate of previous | | | | 0.12 | 0.7 | | 21.20 | | 9.14 | 7.9 | |
| 250114 | PF08-3 | 39.00 | 41.00 | 2.00 | 0.04 | 0.3 | | 9.84 | | 2.36 | 5.8 | |
| 250115 | PF08-3 | 41.00 | 43.00 | 2.00 | 0.05 | 0.3 | | 8.23 | | 1.55 | 6.6 | |
| 250116 | PF08-3 | 43.00 | 45.00 | 2.00 | 0.03 | 0.2 | | 7.29 | | 2.33 | 7.9 | |
| 250117 | PF08-3 | 45.00 | 47.00 | 2.00 | 0.07 | 0.6 | | 14.31 | | 1.67 | 9.2 | |
| 250118 | PF08-3 | 47.00 | 49.00 | 2.00 | 0.13 | 0.4 | | 34.47 | | 5.94 | 7.2 | |
| 250119 | Blank Standard | | | | <0.03 | 0.1 | | 38.51 | | 4.63 | 5.2 | |

| SAMPLE LOG | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample_ID | Hole_ID | From_m | To_m | Width_m | Au_g/t | Ag_ppm | Ag_g/t | Cu_ppm | Cu_% | Mo_ppm | As_ppm | W_% |
| 250120 | PF08-3 | 49.00 | 51.00 | 2.00 | 0.09 | 0.3 | | 30.69 | | 1.51 | 10.7 | |
| 250121 | PF08-3 | 51.00 | 53.00 | 2.00 | 0.04 | 0.2 | | 8.89 | | 1.82 | 7.1 | |
| 250122 | PF08-3 | 53.00 | 55.00 | 2.00 | 0.05 | 0.1 | | 5.99 | | 0.80 | 8.9 | |
| 250123 | PF08-3 | 55.00 | 57.00 | 2.00 | 0.04 | 0.1 | | 2.64 | | 2.14 | 256.1 | |
| 250124 | PF08-3 | 57.00 | 58.50 | 1.50 | 0.03 | 0.2 | | 2.94 | | 1.34 | 8.7 | |
| 250125 | Mineralized Std GS-P5B | | | | 0.44 | 0.8 | | 32.67 | | 3.91 | 244.5 | |
| 250126 | PF08-3 | 58.50 | 59.43 | 0.93 | <0.03 | 0.2 | | 32.62 | | 3.21 | 17.5 | |
| 250127 | PF08-3 | 59.43 | 61.50 | 2.07 | <0.03 | 0.1 | | 6.01 | | 9.75 | 3.7 | |
| 250128 | PF08-3 | 61.50 | 63.50 | 2.00 | <0.03 | 1.6 | | 10.19 | | 19.13 | 3.0 | |
| 250129 | PF08-3 | 63.50 | 65.21 | 1.71 | <0.03 | 0.1 | | 8.80 | | 28.35 | 4.6 | |
| 250130 | PF08-3 | 65.21 | 67.28 | 2.07 | 0.40 | 0.2 | | 61.50 | | 3.60 | 8.6 | |
| 250131 | Duplicate of previous | | | | 0.39 | 0.3 | | 60.56 | | 2.36 | 9.0 | |
| 250132 | PF08-3 | 71.93 | 74.00 | 2.07 | 0.15 | 0.5 | | 54.15 | | 3.38 | 24.1 | |
| 250133 | PF08-3 | 74.00 | 76.00 | 2.00 | 0.07 | 0.3 | | 76.56 | | 36.43 | 20.3 | |
| 250134 | PF08-3 | 76.00 | 78.00 | 2.00 | <0.03 | 0.1 | | 17.13 | | 15.42 | 6.9 | |
| 250135 | PF08-3 | 78.00 | 80.00 | 2.00 | 0.06 | 0.1 | | 6.14 | | 1.53 | 17.9 | |
| 250136 | PF08-3 | 80.00 | 82.00 | 2.00 | 0.09 | 0.1 | | 7.42 | | 2.01 | 8.4 | |
| 250137 | Blank Standard | | | | <0.03 | 0.1 | | 35.81 | | 4.47 | 5.0 | |
| 250138 | PF08-3 | 82.00 | 84.00 | 2.00 | 0.09 | 0.1 | | 4.12 | | 1.17 | 6.3 | |
| 250139 | PF08-3 | 84.00 | 86.00 | 2.00 | 0.09 | 0.2 | | 6.17 | | 2.66 | 8.1 | |
| 250140 | PF08-3 | 86.00 | 88.00 | 2.00 | 0.06 | 0.1 | | 4.03 | | 2.57 | 9.7 | |
| 250141 | PF08-3 | 88.00 | 90.22 | 2.22 | 0.09 | 0.2 | | 12.33 | | 2.96 | 8.2 | |
| 250142 | PF08-4 | 5.18 | 6.00 | 0.82 | 0.42 | 2.3 | | 946.70 | | 30.81 | 4364.0 | |
| 250143 | PF08-4 | 6.00 | 7.00 | 0.82 | 0.26 | 1.5 | | 665.50 | | 10.59 | 58.8 | |
| 250144 | PF08-4 | 7.00 | 8.43 | 1.00 | 0.14 | 0.5 | | 219.30 | | 21.67 | 13.7 | |
| 250145 | PF08-4 | 8.43 | 10.22 | 1.43 | <0.03 | 0.3 | | 36.20 | | 3.61 | 8.4 | |
| 250146 | PF08-4 | 10.22 | 11.33 | 1.79 | 0.57 | 1.5 | | 665.70 | | 27.32 | 61.9 | |
| 250147 | Mineralized Std GSB-3B | | | | 3.44 | 5.9 | | 59.18 | | 18.14 | 429.5 | |
| 250148 | PF08-4 | 11.33 | 13.00 | 1.67 | <0.03 | 0.2 | | 20.56 | | 3.31 | 7.9 | |
| 250149 | PF08-4 | 17.07 | 17.68 | 0.61 | 0.16 | 0.5 | | 151.60 | | 8.89 | 6.3 | |
| 250150 | PF08-5 | 3.91 | 5.00 | 1.09 | 0.06 | 0.4 | | 118.30 | | 4.60 | 16.7 | |
| 250151 | PF08-5 | 5.00 | 6.00 | 1.00 | 0.79 | 1.2 | | 556.20 | | 51.13 | 25.5 | |

| SAMPLE LOG | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample_ID | Hole_ID | From_m | To_m | Width_m | Au_g/t | Ag_ppm | Ag_g/t | Cu_ppm | Cu_% | Mo_ppm | As_ppm | W_% |
| 250152 | PF08-5 | 6.00 | 7.00 | 1.00 | 0.13 | 0.8 | | 395.70 | | 26.52 | 12.5 | |
| 250153 | Duplicate of previous | | | | 0.12 | 0.9 | | 387.20 | | 25.36 | 12.4 | |
| 250154 | PF08-5 | 7.00 | 8.00 | 1.00 | 0.34 | 1.4 | | 574.90 | | 33.40 | 14.5 | |
| 250155 | PF08-5 | 8.00 | 9.00 | 1.00 | 0.08 | 0.4 | | 205.30 | | 9.08 | 5.9 | |
| 250156 | PF08-5 | 9.00 | 10.28 | 1.28 | 0.72 | 2.2 | | 842.40 | | 197.30 | 19.5 | |
| 250157 | PF08-5 | 10.28 | 11.99 | 1.71 | 0.05 | 0.2 | | 54.17 | | 7.52 | 10.0 | |
| 250158 | PF08-5 | 11.99 | 13.53 | 1.54 | 0.29 | 4.1 | | 1730.00 | | 113.60 | 23.9 | |
| 250159 | Blank Standard | | | | <0.03 | 0.1 | | 34.93 | | 4.47 | 4.7 | |
| 250160 | PF08-5 | 13.53 | 14.23 | 0.70 | 0.36 | 6.1 | | 3737.00 | | 85.42 | 109.8 | |
| 250161 | PF08-5 | 14.23 | 14.90 | 0.67 | 0.89 | 4.3 | | 1926.00 | | 249.20 | 45.1 | |
| 250162 | PF08-5 | 14.90 | 16.00 | 1.10 | <0.03 | 0.1 | | 22.65 | | 5.74 | 3.0 | |
| 250163 | PF08-6 | 7.94 | 9.00 | 1.06 | 0.12 | 0.6 | | 167.90 | | 4.72 | 5.3 | |
| 250164 | PF08-6 | 9.00 | 10.34 | 1.34 | 0.46 | 1.9 | | 1504.00 | | 69.22 | 16.8 | |
| 250165 | PF08-6 | 18.60 | 20.00 | 1.40 | <0.03 | 0.1 | | 19.48 | | 19.93 | 5.1 | |
| 250166 | PF08-6 | 20.00 | 22.00 | 2.00 | 0.08 | 0.1 | | 14.78 | | 20.57 | 3.2 | |
| 250167 | PF08-6 | 22.00 | 23.33 | 1.33 | 0.03 | 0.0 | | 7.15 | | 12.64 | 1.8 | |
| 250168 | PF08-6 | 23.33 | 24.07 | 0.74 | <0.03 | 0.1 | | 22.31 | | 3.30 | 3.0 | |
| 250169 | PF08-7 | 3.66 | 4.32 | 0.66 | 0.04 | 0.1 | | 43.94 | | 1.70 | 107.4 | |
| 250170 | PF08-7 | 4.32 | 5.00 | 0.68 | 0.13 | 0.5 | | 208.70 | | 3.83 | 518.5 | |
| 250171 | Duplicate of previous | | | | 0.13 | 0.4 | | 207.30 | | 3.21 | 543.6 | |
| 250172 | PF08-7 | 5.00 | 6.00 | 1.00 | 0.20 | 1.1 | | 339.60 | | 6.72 | 1349.0 | |
| 250173 | PF08-7 | 6.00 | 7.00 | 1.00 | 0.23 | 0.5 | | 232.80 | | 3.48 | 16.8 | |
| 250174 | PF08-7 | 7.00 | 8.00 | 1.00 | 0.25 | 0.7 | | 345.50 | | 27.02 | 14.7 | |
| 250175 | PF08-7 | 8.00 | 9.00 | 1.00 | 0.25 | 0.7 | | 348.70 | | 11.32 | 10.6 | |
| 250176 | PF08-7 | 9.00 | 10.67 | 1.67 | 0.23 | 1.0 | | 292.60 | | 16.37 | 11.5 | |
| 250177 | Blank Standard | | | | <0.03 | 0.1 | | 22.3 | | 1.65 | 1.9 | |
| 250178 | PF08-8 | 3.66 | 5.00 | 1.34 | 0.17 | 0.7 | | 235.80 | | 17.41 | 8.1 | |
| 250179 | PF08-8 | 5.00 | 7.00 | 2.00 | 0.20 | 0.7 | | 246.00 | | 11.62 | 10.0 | |
| 250180 | PF08-8 | 7.00 | 9.00 | 2.00 | 0.11 | 0.4 | | 97.88 | | 7.94 | 9.1 | |
| 250181 | PF08-8 | 9.00 | 10.49 | 1.49 | 0.08 | 0.5 | | 139.90 | | 10.15 | 34.5 | |
| 250182 | PF08-8 | 10.49 | 11.63 | 1.14 | 0.05 | 0.3 | | 37.95 | | 16.31 | 40.4 | |
| 250183 | PF08-8 | 13.49 | 15.00 | 1.51 | 0.03 | 0.1 | | 37.39 | | 26.64 | 10.7 | |

| SAMPLE LOG | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample_ID | Hole_ID | From_m | To_m | Width_m | Au_g/t | Ag_ppm | Ag_g/t | Cu_ppm | Cu_% | Mo_ppm | As_ppm | W_% |
| | | | | | | | | | | | | |
| 250184 | PF08-8 | 15.00 | 17.00 | 2.00 | 0.04 | 0.2 | | 52.33 | | 7.92 | 24.3 | |
| 250185 | PF08-8 | 17.00 | 19.00 | 2.00 | 0.03 | 0.2 | | 13.08 | | 15.66 | 12.3 | |
| 250186 | PF08-8 | 19.00 | 21.00 | 2.00 | 0.05 | 0.1 | | 6.87 | | 15.24 | 9.3 | |
| 250187 | Mineralized Std GS-14 | | | | 7.50 | 0.1 | | 102.50 | | 21.73 | 3.3 | |
| 250188 | PF08-9 | 5.18 | 6.50 | 1.32 | <0.03 | 0.3 | | 70.60 | | 3.31 | 4.4 | |
| 250189 | PF08-9 | 6.50 | 7.77 | 1.27 | 0.34 | 7.9 | | 2510.00 | | 20.48 | 9.4 | |
| 250190 | PF08-9 | 14.93 | 17.00 | 2.07 | 0.07 | 0.9 | | 212.50 | | 6.04 | 10.5 | |
| 250191 | PF08-9 | 17.00 | 19.00 | 2.00 | 0.26 | 1.4 | | 404.20 | | 6.13 | 12.5 | |
| 250192 | PF08-9 | 19.00 | 21.00 | 2.00 | 0.18 | 0.7 | | 215.60 | | 4.43 | 13.1 | |
| 250193 | Duplicate of previous | | | | 0.15 | 0.7 | | 210.60 | | 5.35 | 13.6 | |
| 250194 | PF08-9 | 21.00 | 23.00 | 2.00 | 0.47 | 1.2 | | 205.10 | | 11.83 | 24.3 | |
| 250195 | PF08-9 | 23.00 | 25.00 | 2.00 | 0.41 | 1.0 | | 221.60 | | 2.25 | 15.5 | |
| 250196 | PF08-9 | 25.00 | 27.00 | 2.00 | 0.56 | 0.8 | | 462.10 | | 5.56 | 8.9 | |
| 250197 | PF08-9 | 27.00 | 29.00 | 2.00 | 1.68 | 0.7 | | 301.60 | | 16.28 | 5.3 | |
| 250198 | PF08-9 | 29.00 | 31.00 | 2.00 | 0.08 | 0.2 | | 49.54 | | 2.38 | 5.2 | |
| 250199 | Blank Standard | | | | <0.03 | 0.1 | | 26.31 | | 2.56 | 2.1 | |
| 250200 | PF08-9 | 31.00 | 33.00 | 2.00 | 0.09 | 0.4 | | 178.60 | | 5.53 | 4.9 | |
| 251651 | PF08-9 | 33.00 | 35.00 | 2.00 | 0.03 | 0.3 | | 50.37 | | 3.82 | 8.3 | |
| 251652 | PF08-9 | 35.00 | 37.00 | 2.00 | <0.03 | 0.2 | | 23.77 | | 2.81 | 5.9 | |
| 251653 | PF08-9 | 37.00 | 39.00 | 2.00 | 0.05 | 0.1 | | 14.29 | | 2.40 | 7.6 | |
| 251654 | PF08-9 | 39.00 | 39.92 | 0.92 | 0.11 | 0.7 | | 52.92 | | 9.71 | 17.8 | |
| 251655 | PF08-9 | 42.21 | 44.00 | 1.79 | 0.07 | 0.5 | | 48.16 | | 4.97 | 12.0 | |
| 251656 | PF08-9 | 44.00 | 46.00 | 2.00 | 0.06 | 0.2 | | 22.64 | | 8.11 | 16.6 | |
| 251657 | PF08-9 | 46.00 | 48.00 | 2.00 | 0.08 | 0.3 | | 23.74 | | 9.31 | 25.7 | |
| 251658 | PF08-9 | 48.00 | 50.00 | 2.00 | 0.05 | 0.2 | | 16.82 | | 3.58 | 15.8 | |
| 251659 | PF08-9 | 50.00 | 52.00 | 2.00 | 0.04 | 0.2 | | 23.38 | | 6.19 | 15.3 | |
| 251660 | PF08-9 | 52.00 | 54.00 | 2.00 | <0.03 | 0.1 | | 21.47 | | 3.87 | 15.0 | |
| 251661 | Duplicate of previous | | | | <0.03 | 0.1 | | 21.89 | | 6.15 | 14.8 | |
| 251662 | PF08-9 | 54.00 | 56.00 | 2.00 | <0.03 | 0.3 | | 16.68 | | 3.79 | 13.3 | |
| 251663 | PF08-9 | 56.00 | 58.00 | 2.00 | <0.03 | 0.2 | | 29.36 | | 7.86 | 15.6 | |
| 251664 | PF08-9 | 58.00 | 60.00 | 2.00 | <0.03 | 0.3 | | 25.56 | | 8.33 | 18.1 | |

| SAMPLE LOG | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample_ID | Hole_ID | From_m | To_m | Width_m | Au_g/t | Ag_ppm | Ag_g/t | Cu_ppm | Cu_% | Mo_ppm | As_ppm | W_% |
| | | | | | | | | | | | | |
| 251665 | PF08-9 | 60.00 | 62.19 | 2.19 | <0.03 | 0.2 | | 28.63 | | 7.48 | 19.4 | |
| 251666 | PF08-9 | 62.19 | 64.00 | 1.81 | <0.03 | 0.2 | | 46.19 | | 2.28 | 8.0 | |
| 251667 | Blank Standard | | | | <0.03 | 0.1 | | 28.65 | | 2.91 | 2.0 | |
| 251668 | PF08-10 | 5.94 | 6.41 | 0.47 | 1.14 | 24.2 | | 7984.00 | | 28.48 | 16.0 | |
| 251669 | PF08-10 | 6.41 | 7.47 | 1.06 | 1.25 | 28.0 | | >10000 | 1.18 | 18.23 | 6.5 | |
| 251670 | PF08-10 | 7.47 | 8.50 | 1.03 | 0.65 | 4.7 | | 1635.00 | | 2.61 | 6.9 | |
| 251671 | PF08-10 | 8.50 | 9.50 | 1.00 | 0.53 | 15.3 | | 4882.00 | | 38.94 | 7.6 | |
| 251672 | PF08-10 | 9.50 | 10.50 | 1.00 | 0.28 | 1.8 | | 490.90 | | 15.76 | 7.9 | |
| 251673 | PF08-10 | 10.50 | 11.50 | 1.00 | 0.07 | 0.5 | | 144.30 | | 4.05 | 7.2 | |
| 251674 | PF08-10 | 11.50 | 13.00 | 1.50 | 0.06 | 0.3 | | 120.40 | | 1.38 | 6.7 | |
| 251675 | PF08-10 | 13.00 | 14.35 | 1.35 | 0.13 | 0.5 | | 183.10 | | 5.82 | 10.6 | |
| 251676 | PF08-10 | 14.35 | 15.50 | 1.15 | <0.03 | 0.1 | | 4.40 | | 4.94 | 4.3 | |
| 251677 | Mineralized Std GS-3B | | | | 3.54 | 5.9 | | 58.80 | | 20.37 | 427.1 | |
| 251678 | PF08-10 | 21 | 23.26 | 2.26 | <0.03 | 0.1 | | 14.38 | | 19.04 | 5.5 | |
| 251679 | PF08-10 | 23.26 | 25.50 | 2.24 | <0.03 | 0.1 | | 20.74 | | 1.93 | 3.5 | |
| 251680 | PF08-10 | 25.50 | 27.50 | 2.00 | <0.03 | 0.1 | | 2.61 | | 0.55 | 1.3 | |
| 251681 | PF08-10 | 27.50 | 29.50 | 2.00 | <0.03 | 0.2 | | 14.04 | | 1.46 | 0.8 | |
| 251682 | PF08-10 | 29.50 | 30.88 | 1.38 | <0.03 | 0.2 | | 56.58 | | 2.61 | 1.5 | |
| 251683 | Duplicate of previous | | | | <0.03 | 0.2 | | 50.21 | | 2.91 | 1.6 | |
| 251684 | PF08-10 | 30.88 | 33.00 | 2.12 | <0.03 | 0.1 | | 29.50 | | 50.19 | 2.2 | |
| 251685 | PF08-10 | 43.08 | 45.00 | 1.92 | <0.03 | 0.2 | | 83.29 | | 3.91 | 11.6 | |
| 251686 | PF08-10 | 45.00 | 47.00 | 2.00 | 0.03 | 0.1 | | 32.14 | | 3.57 | 4.7 | |
| 251687 | PF08-10 | 47.00 | 49.00 | 2.00 | 0.11 | 0.2 | | 33.02 | | 5.22 | 8.2 | |
| 251688 | PF08-10 | 49.00 | 51.00 | 2.00 | 0.08 | 0.2 | | 24.88 | | 3.27 | 2.9 | |
| 251689 | Blank Standard | | | | <0.03 | 0.1 | | 24.52 | | 1.82 | 2.0 | |
| 251690 | PF08-10 | 51.00 | 53.00 | 2.00 | 0.20 | 0.2 | | 38.28 | | 12.97 | 10.7 | |
| 251691 | PF08-10 | 53.00 | 55.00 | 2.00 | 0.16 | 0.2 | | 26.06 | | 4.69 | 9.1 | |
| 251692 | PF08-10 | 55.00 | 57.00 | 2.00 | 0.08 | 0.2 | | 26.32 | | 5.50 | 7.9 | |
| 251693 | PF08-10 | 57.00 | 59.00 | 2.00 | 0.06 | 0.1 | | 19.83 | | 3.70 | 14.1 | |
| 251694 | PF08-10 | 59.00 | 61.00 | 2.00 | 0.06 | 0.2 | | 33.97 | | 4.13 | 9.5 | |
| 251695 | Mineralized Std GS-P5B | | | | 0.46 | 0.8 | | 32.36 | | 4.12 | 249.4 | |

| SAMPLE LOG | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample_ID | Hole_ID | From_m | To_m | Width_m | Au_g/t | Ag_ppm | Ag_g/t | Cu_ppm | Cu_% | Mo_ppm | As_ppm | W_% |
| | | | | | | | | | | | | |
| 251696 | PF08-10 | 61 | 63.00 | 2.00 | 0.13 | 0.7 | | 111.40 | | 33.79 | 56.8 | |
| 251697 | PF08-10 | 63.00 | 65.00 | 2.00 | 0.03 | 0.4 | | 56.52 | | 3.39 | 15.5 | |
| 251698 | PF08-10 | 65.00 | 67.00 | 2.00 | <0.03 | 0.2 | | 26.52 | | 2.77 | 4.4 | |
| 251699 | PF08-10 | 67.00 | 69.00 | 2.00 | 0.03 | 0.2 | | 11.96 | | 1.84 | 11.7 | |
| 251700 | PF08-10 | 69.00 | 71.00 | 2.00 | 0.03 | 0.3 | | 14.72 | | 16.91 | 182.9 | |
| 251701 | Duplicate of previous | | | | <0.03 | 0.3 | | 15.51 | | 18.32 | 209.3 | |
| 251702 | PF08-10 | 71.00 | 72.74 | 1.74 | 0.04 | 0.6 | | 70.95 | | 6.68 | 290.0 | |
| 251703 | PF08-10 | 72.74 | 74.00 | 1.26 | 0.12 | 1.8 | | 82.35 | | 19.43 | 1048.0 | |
| 251704 | PF08-11 | 4.27 | 5.00 | 0.73 | 0.29 | 2.0 | | 687.80 | | 27.10 | 11.9 | |
| 251705 | PF08-11 | 5.00 | 6.50 | 1.50 | 0.21 | 3.1 | | 1430.00 | | 30.14 | 7.6 | |
| 251706 | PF08-11 | 6.50 | 7.50 | 1.00 | 0.35 | 4.6 | | 1383.00 | | 87.36 | 22.9 | |
| 251707 | Blank Standard | | | | <0.03 | 0.1 | | 25.80 | | 1.89 | 2.7 | |
| 251708 | PF08-11 | 7.50 | 9.50 | 2.00 | 0.09 | 0.6 | | 210.90 | | 2.75 | 8.9 | |
| 251709 | PF08-11 | 9.50 | 10.88 | 1.38 | 0.06 | 0.3 | | 131.50 | | 2.15 | 9.7 | |
| 251710 | PF08-11 | 10.88 | 12.31 | 1.43 | <0.03 | 0.2 | | 17.11 | | 5.80 | 7.1 | |
| 251711 | PF08-11 | 12.31 | 14.00 | 1.69 | 0.15 | 1.1 | | 589.30 | | 0.61 | 13.3 | |
| 251712 | PF08-11 | 14.00 | 15.00 | 1.00 | 0.12 | 0.3 | | 120.60 | | 0.93 | 10.0 | |
| 251713 | PF08-11 | 15.00 | 16.50 | 1.50 | 0.19 | 0.4 | | 132.60 | | 0.39 | 8.9 | |
| 251714 | PF08-11 | 16.50 | 17.47 | 0.97 | 0.05 | 0.5 | | 121.30 | | 2.75 | 8.9 | |
| 251715 | PF08-11 | 17.47 | 19.50 | 2.03 | <0.03 | 0.2 | | 28.55 | | 28.35 | 9.2 | |
| 251716 | PF08-11 | 30.55 | 31.66 | 1.11 | <0.03 | 0.1 | | 27.50 | | 38.44 | 4.6 | |
| 251717 | Mineralized Std GS-14 | | | | 7.40 | 0.1 | | 102.60 | | 21.09 | 3.0 | |
| 251718 | PF08-11 | 31.66 | 33.00 | 1.34 | 0.03 | 0.1 | | 49.11 | | 2.77 | 6.2 | |
| 251719 | PF08-11 | 33.00 | 35.00 | 2.00 | <0.03 | 0.2 | | 82.45 | | 4.00 | 3.2 | |
| 251720 | PF08-11 | 35.00 | 37.00 | 2.00 | 0.04 | 0.2 | | 122.50 | | 2.62 | 7.8 | |
| 251721 | PF08-11 | 37.00 | 38.60 | 1.60 | <0.03 | 0.1 | | 46.44 | | 2.74 | 6.1 | |
| 251722 | PF08-11 | 46.61 | 48.00 | 1.39 | 0.08 | 0.2 | | 19.41 | | 3.74 | 10.3 | |
| 251723 | Duplicate of previous | | | | 0.09 | 0.2 | | 20.76 | | 4.77 | 10.7 | |
| 251724 | PF08-11 | 48.00 | 50.00 | 2.00 | 0.24 | 0.2 | | 22.90 | | 2.52 | 15.2 | |
| 251725 | PF08-11 | 50.00 | 52.00 | 2.00 | 0.10 | 0.1 | | 23.94 | | 3.56 | 13.9 | |
| 251726 | PF08-11 | 52.00 | 54.00 | 2.00 | 0.07 | 0.1 | | 15.05 | | 2.97 | 17.6 | |

| SAMPLE LOG | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample_ID | Hole_ID | From_m | To_m | Width_m | Au_g/t | Ag_ppm | Ag_g/t | Cu_ppm | Cu_% | Mo_ppm | As_ppm | W_% |
| | | | | | | | | | | | | |
| 251727 | PF08-11 | 54.00 | 56.00 | 2.00 | 0.05 | 0.1 | | 17.21 | | 4.92 | 15.7 | |
| 251728 | PF08-11 | 56.00 | 58.00 | 2.00 | 0.05 | 0.1 | | 21.21 | | 3.13 | 16.4 | |
| 251729 | Blank Standard | | | | <0.03 | 0.1 | | 17.70 | | 2.88 | 2.1 | |
| 251730 | PF08-11 | 58.00 | 60.00 | 2.00 | 0.13 | 0.3 | | 58.95 | | 8.47 | 1408.0 | |
| 251731 | PF08-11 | 60.00 | 62.00 | 2.00 | <0.03 | 0.1 | | 28.60 | | 3.86 | 31.1 | |
| 251732 | PF08-11 | 62.00 | 64.00 | 2.00 | <0.03 | 0.2 | | 28.23 | | 5.92 | 96.9 | |
| 251733 | PF08-11 | 64.00 | 66.00 | 2.00 | <0.03 | 0.2 | | 28.65 | | 10.81 | 21.6 | |
| 251734 | PF08-11 | 66.00 | 68.00 | 2.00 | <0.03 | 0.2 | | 26.35 | | 5.07 | 16.1 | |
| 251735 | PF08-11 | 68.00 | 70.00 | 2.00 | 0.03 | 0.1 | | 18.68 | | 12.30 | 11.1 | |
| 251736 | PF08-11 | 70.00 | 72.00 | 2.00 | <0.03 | 0.3 | | 17.97 | | 9.31 | 12.1 | |
| 251737 | PF08-11 | 72.00 | 74.00 | 2.00 | 0.03 | 0.1 | | 14.43 | | 4.45 | 11.2 | |
| 251738 | PF08-11 | 74.00 | 76.00 | 2.00 | 0.03 | 0.2 | | 22.19 | | 4.66 | 22.0 | |
| 251739 | PF08-11 | 76.00 | 78.03 | 2.03 | 0.03 | 0.2 | | 53.91 | | 10.60 | 13.3 | |
| 251740 | PF08-12 | 3.66 | 5.00 | 1.34 | 0.26 | 1.0 | | 277.70 | | 1.38 | 9.3 | |
| 251741 | Duplicate of previous | | | | 0.29 | 1.4 | | 284.10 | | 1.60 | 9.7 | |
| 251742 | PF08-12 | 5.00 | 7.00 | 2.00 | 0.33 | 1.8 | | 565.90 | | 5.19 | 9.9 | |
| 251743 | PF08-12 | 7.00 | 9.00 | 2.00 | 0.22 | 1.1 | | 307.20 | | 12.55 | 7.6 | |
| 251744 | PF08-12 | 9.00 | 9.92 | 0.92 | 0.54 | 1.6 | | 477.50 | | 7.24 | 6.1 | |
| 251745 | PF08-12 | 9.92 | 11.00 | 1.08 | 0.71 | 7.3 | | 5286.00 | | 6.76 | 7.5 | |
| 251746 | PF08-12 | 11.00 | 12.52 | 1.52 | 0.73 | 20.5 | | >10000 | 1.11 | 8.03 | 5.4 | |
| 251747 | Blank Standard | | | | <0.03 | 0.2 | | 24.73 | | 2.22 | 2.1 | |
| 251748 | PF08-12 | 12.52 | 14.00 | 1.48 | 0.37 | 1.9 | | 699.60 | | 22.39 | 8.6 | |
| 251749 | PF08-12 | 14.00 | 15.60 | 1.60 | 0.52 | 2.9 | | 910.40 | | 203.70 | 8.7 | |
| 251750 | PF08-12 | 15.60 | 17.50 | 1.90 | 0.13 | 0.9 | | 352.70 | | 66.12 | 10.0 | |
| 251751 | PF08-12 | 17.50 | 19.50 | 2.00 | 0.45 | 1.6 | | 724.90 | | 29.49 | 8.4 | |
| 251752 | PF08-12 | 19.50 | 21.47 | 1.97 | 0.19 | 1.0 | | 490.50 | | 4.51 | 7.2 | |
| 251753 | PF08-12 | 21.47 | 23.00 | 1.53 | <0.03 | 0.2 | | 13.47 | | 4.66 | 5.5 | |
| 251754 | PF08-13 | 5.94 | 8.00 | 2.06 | 0.34 | 0.9 | | 318.10 | | 2.03 | 7.3 | |
| 251755 | PF08-13 | 8.00 | 10.00 | 2.00 | 0.31 | 1.0 | | 344.80 | | 1.15 | 9.8 | |
| 251756 | PF08-13 | 10.00 | 12.00 | 2.00 | 0.53 | 1.9 | | 573.50 | | 27.66 | 9.8 | |
| 251757 | Mineralized Std GS-3B | | | | 3.56 | 6.1 | | 60.26 | | 20.63 | 423.9 | |

| SAMPLE LOG | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample_ID | Hole_ID | From_m | To_m | Width_m | Au_g/t | Ag_ppm | Ag_g/t | Cu_ppm | Cu_% | Mo_ppm | As_ppm | W_% |
| | | | | | | | | | | | | |
| 251758 | PF08-13 | 12.00 | 14.00 | 2.00 | 0.21 | 1.2 | | 313.00 | | 2.82 | 8.4 | |
| 251759 | PF08-13 | 14.00 | 16.00 | 2.00 | 0.26 | 1.6 | | 415.40 | | 28.24 | 7.8 | |
| 251760 | PF08-13 | 16.00 | 17.00 | 1.00 | 0.39 | 1.8 | | 530.60 | | 45.36 | 7.5 | |
| 251761 | PF08-13 | 17.00 | 17.70 | 0.70 | 0.69 | 28.9 | | >10000 | 1.21 | 65.35 | 5.8 | |
| 251762 | PF08-13 | 17.70 | 18.50 | 0.80 | 2.90 | >30 | 47.3 | >10000 | 1.63 | 62.05 | 5.9 | |
| 251763 | Duplicate of previous | | | | | >30 | 50.1 | >10000 | 1.64 | 64.33 | 5.8 | |
| 251764 | PF08-13 | 18.5 | 19.50 | 1.00 | 3.75 | >30 | 42.7 | >10000 | 1.55 | 54.62 | 10.4 | |
| 251765 | PF08-13 | 19.50 | 20.60 | 1.10 | 4.75 | 19.0 | | 7165.00 | | 93.58 | 7.7 | 0.066 |
| 251766 | PF08-13 | 20.60 | 21.60 | 1.00 | 0.95 | 6.3 | | 2231.00 | | 41.77 | 9.6 | |
| 251767 | PF08-13 | 21.60 | 22.98 | 1.38 | 0.67 | 5.2 | | 1656.00 | | 24.53 | 9.1 | |
| 251768 | PF08-13 | 22.98 | 25.00 | 2.02 | 0.06 | 0.4 | | 131.50 | | 26.05 | 4.6 | |
| 251769 | Blank Standard | | | | <0.03 | 0.2 | | 29.17 | | 2.15 | 2.1 | |
| 251770 | PF08-13 | 25.00 | 26.84 | 1.84 | 0.05 | 3.2 | | 1302.00 | | 12.58 | 7.0 | |
| 251771 | PF08-13 | 26.84 | 27.53 | 0.69 | 2.06 | 15.4 | | 5518.00 | | 27.33 | 17.3 | |
| 251772 | PF08-13 | 27.53 | 28.30 | 0.77 | 1.39 | 10.3 | | 4385.00 | | 19.37 | 25.0 | |
| 251773 | PF08-13 | 28.30 | 29.26 | 0.96 | 0.44 | 3.3 | | 1063.00 | | 88.89 | 23.9 | |
| 251774 | PF08-13 | 29.26 | 30.03 | 0.77 | 0.07 | 0.4 | | 51.69 | | 27.26 | 9.4 | |
| 251775 | PF08-13 | 30.03 | 32.00 | 1.97 | 0.57 | 4.5 | | 1301.00 | | 66.72 | 17.7 | |
| 251776 | PF08-13 | 32.00 | 34.04 | 2.04 | 0.43 | 0.7 | | 269.70 | | 31.72 | 12.5 | |
| 251777 | PF08-13 | 34.04 | 36.00 | 1.96 | <0.03 | 0.2 | | 27.05 | | 5.39 | 5.3 | |
| 251778 | PF08-14 | 2.90 | 4.00 | 1.10 | 0.31 | 0.9 | | 352.70 | | 1.76 | 14.1 | |
| 251779 | PF08-14 | 4.00 | 6.00 | 2.00 | 0.14 | 1.0 | | 361.00 | | 9.75 | 9.2 | |
| 251780 | PF08-14 | 6.00 | 8.00 | 2.00 | 0.15 | 1.0 | | 415.90 | | 1.21 | 8.2 | |
| 251781 | Duplicate of previous | | | | 0.14 | 1.0 | | 415.10 | | 1.36 | 8.3 | |
| 251782 | PF08-14 | 8.00 | 10.00 | 2.00 | 0.10 | 0.8 | | 258.90 | | 1.59 | 8.4 | |
| 251783 | PF08-14 | 10.00 | 11.00 | 1.00 | 0.28 | 4.3 | | 1919.00 | | 28.48 | 7.8 | |
| 251784 | PF08-14 | 11.00 | 13.00 | 2.00 | 0.04 | 0.6 | | 123.70 | | 2.05 | 7.4 | |
| 251785 | PF08-14 | 13.00 | 14.00 | 1.00 | 0.09 | 0.6 | | 94.06 | | 1.13 | 6.6 | |
| 251786 | PF08-14 | 14.00 | 15.00 | 1.00 | 0.17 | 1.5 | | 400.40 | | 3.36 | 5.7 | |
| 251787 | Blank Standard | | | | <0.03 | 0.1 | | 29.05 | | 2.53 | 2.0 | |
| 251788 | PF08-14 | 15.00 | 15.76 | 0.76 | 0.26 | 2.4 | | 757.30 | | 4.45 | 7.0 | |

| SAMPLE LOG | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample_ID | Hole_ID | From_m | To_m | Width_m | Au_g/t | Ag_ppm | Ag_g/t | Cu_ppm | Cu_% | Mo_ppm | As_ppm | W_% |
| | | | | | | | | | | | | |
| 251789 | PF08-14 | 15.76 | 16.97 | 1.21 | 0.59 | 13.3 | | 6279.00 | | 9.07 | 13.9 | 0.010 |
| 251790 | PF08-14 | 16.97 | 17.90 | 0.93 | 2.71 | 11.7 | | 4231.00 | | 13.52 | 8.8 | 0.023 |
| 251791 | PF08-14 | 17.90 | 19.43 | 1.53 | 0.13 | 1.7 | | 610.10 | | 30.00 | 8.6 | |
| 251792 | PF08-14 | 19.43 | 20.50 | 1.07 | <0.03 | 0.4 | | 160.00 | | 12.62 | 6.2 | |
| 251793 | PF08-14 | 20.50 | 22.00 | 1.50 | <0.03 | 0.1 | | 28.34 | | 21.07 | 2.9 | |
| 251794 | PF08-14 | 22.00 | 24.07 | 2.07 | <0.03 | 0.1 | | 21.15 | | 22.77 | 4.7 | |
| 251795 | PF08-14 | 34.07 | 36.00 | 1.93 | <0.03 | 0.2 | | 41.89 | | 2.77 | 8.7 | |
| 251796 | PF08-14 | 36.00 | 38.00 | 2.00 | <0.03 | 0.3 | | 75.48 | | 4.26 | 7.3 | |
| 251797 | Mineralized Std GS-P5B | | | | 0.44 | 0.8 | | 32.25 | | 4.06 | 244.1 | |
| 251798 | PF08-14 | 38.00 | 40.00 | 2.00 | 0.12 | 1.3 | | 476.60 | | 7.39 | 8.9 | |
| 251799 | PF08-14 | 40.00 | 41.00 | 1.00 | 0.43 | 4.5 | | 1929.00 | | 32.36 | 27.8 | |
| 251800 | PF08-14 | 41.00 | 43.00 | 2.00 | <0.03 | 0.2 | | 70.58 | | 4.38 | 5.8 | |
| 251801 | PF08-14 | 43.00 | 45.00 | 2.00 | 0.05 | 0.4 | | 94.53 | | 2.92 | 7.7 | |
| 251802 | PF08-14 | 45.00 | 47.05 | 2.05 | 0.25 | 1.1 | | 470.30 | | 9.56 | 12.8 | |
| 251803 | Duplicate of previous | | | | 0.22 | 1.1 | | 469.20 | | 10.12 | 12.6 | |
| 251804 | PF08-14 | 47.05 | 48.00 | 0.95 | <0.03 | 0.1 | | 11.89 | | 18.35 | 2.2 | |
| 251805 | PF08-14 | 48.00 | 49.78 | 1.78 | <0.03 | 0.2 | | 16.81 | | 20.55 | 3.3 | |
| 251806 | PF08-14 | 49.78 | 51.00 | 1.22 | <0.03 | 0.2 | | 43.63 | | 1.08 | 5.1 | |
| 251807 | PF08-14 | 51.00 | 53.00 | 2.00 | <0.03 | 0.2 | | 31.18 | | 2.17 | 4.3 | |
| 251808 | PF08-15 | 3.05 | 4.50 | 1.45 | 0.24 | 0.9 | | 364.00 | | 0.74 | 10.8 | |
| 251809 | Blank Standard | | | | <0.03 | 0.1 | | 20.78 | | 2.62 | 1.8 | |
| 251810 | PF08-15 | 4.50 | 5.50 | 1.00 | 0.13 | 0.5 | | 143.70 | | 0.35 | 6.5 | |
| 251811 | PF08-15 | 5.50 | 7.50 | 2.00 | 0.14 | 0.9 | | 251.90 | | 4.76 | 7.0 | |
| 251812 | PF08-15 | 7.50 | 9.00 | 1.50 | 0.06 | 0.5 | | 139.90 | | 5.50 | 2.9 | |
| 251813 | PF08-15 | 9.00 | 9.90 | 0.90 | 0.12 | 1.2 | | 553.10 | | 6.80 | 3.8 | |
| 251814 | PF08-15 | 9.90 | 11.09 | 1.19 | 0.46 | 3.8 | | 1154.00 | | 31.64 | 11.3 | |
| 251815 | Mineralized Std GS-14 | | | | 7.49 | 0.1 | | 106.20 | | 21.33 | 3.2 | |
| 251816 | PF08-15 | 11.09 | 12.00 | 0.91 | 0.47 | 5.9 | | 3428.00 | | 46.87 | 9.2 | |
| 251817 | PF08-15 | 12.00 | 13.07 | 1.07 | 0.58 | 7.4 | | 2672.00 | | 83.61 | 10.2 | |
| 251818 | PF08-15 | 13.07 | 15.00 | 1.93 | 0.09 | 0.6 | | 209.90 | | 16.88 | 8.1 | |
| 251819 | PF08-15 | 15.00 | 16.78 | 1.78 | 0.07 | 0.3 | | 108.50 | | 4.55 | 12.8 | |

| SAMPLE LOG | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample_ID | Hole_ID | From_m | To_m | Width_m | Au_g/t | Ag_ppm | Ag_g/t | Cu_ppm | Cu_% | Mo_ppm | As_ppm | W_% |
| | | | | | | | | | | | | |
| 251820 | PF08-15 | 16.78 | 18.00 | 1.22 | <0.03 | 0.2 | | 12.88 | | 4.28 | 5.1 | |
| 251821 | Duplicate of previous | | | | <0.03 | 0.3 | | 13.97 | | 4.79 | 6.2 | |
| 251822 | PF08-15 | 26.24 | 28.00 | 1.76 | 0.04 | 0.3 | | 25.76 | | 15.15 | 9.0 | |
| 251823 | PF08-15 | 28.00 | 30.00 | 2.00 | <0.03 | 0.2 | | 20.05 | | 27.57 | 8.5 | |
| 251824 | PF08-15 | 30.00 | 32.00 | 2.00 | <0.03 | 0.1 | | 29.82 | | 11.06 | 5.3 | |
| 251825 | PF08-15 | 38.65 | 40.00 | 1.35 | 0.19 | 0.2 | | 32.23 | | 2.90 | 17.7 | |
| 251826 | PF08-15 | 40.00 | 42.00 | 2.00 | 0.45 | 0.4 | | 14.55 | | 8.46 | 11.6 | |
| 251827 | Blank Standard | | | | <0.03 | 0.1 | | 20.83 | | 2.82 | 1.9 | |
| 251828 | PF08-15 | 42.00 | 44.00 | 2.00 | 0.38 | 0.4 | | 22.30 | | 4.06 | 7.6 | |
| 251829 | PF08-15 | 44.00 | 46.00 | 2.00 | 0.29 | 0.2 | | 23.88 | | 5.71 | 5.1 | |
| 251830 | PF08-15 | 46.00 | 48.00 | 2.00 | 0.11 | 0.1 | | 32.93 | | 4.32 | 6.0 | |
| 251831 | PF08-15 | 48.00 | 50.00 | 2.00 | 0.06 | 0.2 | | 50.22 | | 5.98 | 9.6 | |
| 251832 | PF08-15 | 50.00 | 52.00 | 2.00 | 0.08 | 0.2 | | 33.89 | | 4.61 | 10.8 | |
| 251833 | PF08-15 | 52.00 | 53.64 | 1.64 | 0.04 | 0.1 | | 18.99 | | 11.61 | 10.5 | |
| 251834 | PF08-16 | 0.61 | 3.00 | 2.39 | 1.78 | 0.8 | | 339.00 | | 21.04 | 9.0 | |
| 251835 | PF08-16 | 3.00 | 5.00 | 2.00 | 0.45 | 0.3 | | 71.22 | | 9.51 | 15.6 | |
| 251836 | PF08-16 | 5.00 | 7.10 | 2.10 | 0.58 | 0.5 | | 259.00 | | 36.43 | 53.2 | |
| 251837 | Mineralized Std GS-3B | | | | 3.46 | 5.9 | | 56.65 | | 18.08 | 432.3 | |
| 251838 | PF08-16 | 7.10 | 9.00 | 1.90 | 0.27 | 0.5 | | 205.10 | | 28.51 | 105.7 | |
| 251839 | PF08-16 | 9.00 | 11.00 | 2.00 | 0.05 | 0.3 | | 138.70 | | 11.27 | 33.0 | |
| 251840 | PF08-16 | 11.00 | 13.00 | 2.00 | 0.15 | 0.1 | | 64.66 | | 14.73 | 8.3 | |
| 251841 | PF08-16 | 13.00 | 15.00 | 2.00 | 0.03 | 0.2 | | 80.28 | | 8.66 | 13.4 | |
| 251842 | PF08-16 | 15.00 | 17.10 | 2.10 | 0.04 | 1.3 | | 98.63 | | 18.69 | 23.8 | |
| 251843 | Duplicate of previous | | | | 0.05 | 1.7 | | 106.30 | | 20.10 | 26.8 | |
| 251844 | PF08-16 | 17.10 | 19.00 | 1.90 | <0.03 | 0.2 | | 110.90 | | 20.96 | 30.0 | |
| 251845 | PF08-16 | 19.00 | 21.00 | 2.00 | 0.05 | 0.3 | | 134.50 | | 17.95 | 48.5 | |
| 251846 | PF08-16 | 21.00 | 23.00 | 2.00 | 0.03 | 0.3 | | 74.64 | | 21.33 | 54.2 | |
| 251847 | PF08-16 | 23.00 | 25.00 | 2.00 | 0.05 | 0.3 | | 140.70 | | 22.91 | 25.4 | |
| 251848 | PF08-16 | 25.00 | 27.00 | 2.00 | 1.12 | 1.7 | | 135.00 | | 33.84 | 85.3 | |
| 251849 | Blank Standard | | | | <0.03 | 0.1 | | 21.73 | | 2.38 | 2.1 | |
| 251850 | PF08-16 | 27.00 | 29.00 | 2.00 | 1.07 | 0.5 | | 148.80 | | 31.48 | 87.4 | |

| SAMPLE LOG | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample_ID | Hole_ID | From_m | To_m | Width_m | Au_g/t | Ag_ppm | Ag_g/t | Cu_ppm | Cu_% | Mo_ppm | As_ppm | W_% |
| | | | | | | | | | | | | |
| 251851 | PF08-16 | 29.00 | 31.00 | 2.00 | 0.07 | 0.4 | | 83.79 | | 21.32 | 16.8 | |
| 251852 | PF08-16 | 31.00 | 32.80 | 1.80 | 0.06 | 0.3 | | 85.25 | | 9.19 | 7.0 | |
| 251853 | PF08-16 | 32.80 | 34.00 | 1.20 | <0.03 | 0.1 | | 5.74 | | 8.62 | 4.9 | |
| 251854 | PF08-16 | 37.53 | 39.00 | 1.47 | <0.03 | 0.3 | | 29.51 | | 1.71 | 15.9 | |
| 251855 | PF08-16 | 39.00 | 41.00 | 2.00 | <0.03 | 0.2 | | 28.32 | | 1.79 | 6.6 | |
| 251856 | PF08-16 | 49.00 | 51.00 | 2.00 | <0.03 | 0.1 | | 12.20 | | 0.93 | 7.6 | |
| 251857 | PF08-16 | 51.00 | 53.00 | 2.00 | <0.03 | 0.1 | | 11.95 | | 0.95 | 5.5 | |
| 251858 | PF08-16 | 59.00 | 61.00 | 2.00 | 0.19 | 0.4 | | 223.30 | | 1.00 | 9.6 | |
| 251859 | PF08-16 | 61.00 | 62.79 | 1.79 | 0.03 | 0.1 | | 32.27 | | 1.32 | 13.3 | |
| 251860 | PF08-17 | 1.22 | 4.88 | 3.66 | 0.76 | 0.4 | | 170.30 | | 13.93 | 10.5 | |
| 251861 | Duplicate of previous | | | | | 0.4 | | 167.50 | | 13.71 | 9.0 | |
| 251862 | PF08-17 | 4.88 | 6.00 | 1.12 | 0.18 | 0.2 | | 72.70 | | 9.82 | 4.7 | |
| 251863 | PF08-17 | 12.00 | 14.00 | 2.00 | 0.04 | 0.2 | | 92.13 | | 21.07 | 44.0 | |
| 251864 | PF08-17 | 14.00 | 15.00 | 1.00 | 0.15 | 3.7 | | 148.00 | | 18.82 | 77.1 | |
| 251865 | PF08-17 | 15.00 | 17.00 | 2.00 | 0.17 | 0.3 | | 157.40 | | 12.09 | 30.7 | |
| 251866 | PF08-17 | 17.00 | 19.00 | 2.00 | 2.22 | 0.9 | | 227.40 | | 25.34 | 55.8 | |
| 251867 | Blank Standard | | | | <0.03 | 0.1 | | 29.19 | | 2.69 | 1.9 | |
| 251868 | PF08-17 | 19.00 | 21.00 | 2.00 | 0.13 | 0.3 | | 158.80 | | 20.83 | 35.4 | |
| 251869 | PF08-17 | 21.00 | 23.00 | 2.00 | 0.37 | 0.4 | | 206.00 | | 28.53 | 34.4 | |
| 251870 | PF08-17 | 23.00 | 25.00 | 2.00 | 0.18 | 0.4 | | 121.80 | | 28.07 | 25.3 | |
| 251871 | PF08-17 | 25.00 | 27.00 | 2.00 | 0.13 | 0.2 | | 71.80 | | 9.85 | 4.7 | |
| 251872 | PF08-17 | 27.00 | 28.91 | 1.91 | 1.96 | 0.6 | | 110.00 | | 22.18 | 17.6 | |
| 251873 | PF08-17 | 28.91 | 30.00 | 1.09 | 0.03 | <0.1 | | 9.06 | | 25.83 | 6.0 | |
| 251874 | PF08-17 | 35.00 | 37.00 | 2.00 | <0.03 | 0.1 | | 5.37 | | 4.90 | 7.7 | |
| 251875 | PF08-17 | 37.00 | 39.00 | 2.00 | <0.03 | 0.1 | | 5.84 | | 13.44 | 11.1 | |
| 251876 | PF08-17 | 39.00 | 40.26 | 1.26 | <0.03 | 0.1 | | 19.68 | | 5.61 | 17.2 | |
| 251877 | Mineralized Std GS-14 | | | | 7.39 | 0.1 | | 102.70 | | 21.78 | 3.2 | |
| 251878 | PF08-17 | 40.26 | 42.00 | 1.74 | <0.03 | 0.2 | | 29.84 | | 4.93 | 39.4 | |
| 251879 | PF08-17 | 42.0 | 43.72 | 1.72 | 0.12 | 0.2 | | 35.94 | | 1.64 | 13.7 | |

| SAMPLE LOG | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample_ID | Hole_ID | From_m | To_m | Width_m | Au_g/t | Ag_ppm | Ag_g/t | Cu_ppm | Cu_% | Mo_ppm | As_ppm | W_% |
| 250001 | PF08-1 | 3.96 | 5.00 | 1.04 | 0.51 | 1.2 | | 908.30 | | 54.73 | 14.6 | |
| 250002 | PF08-1 | 5.00 | 6.00 | 1.00 | 0.44 | 1.0 | | 560.20 | | 78.85 | 19.7 | |
| 250003 | PF08-1 | 6.00 | 7.00 | 1.00 | 0.50 | 1.4 | | 620.30 | | 105.80 | 27.1 | |
| 250004 | PF08-1 | 7.00 | 8.00 | 1.00 | 0.53 | 2.4 | | 750.20 | | 141.00 | 19.5 | |
| 250005 | Mineralized Std GS-P5B | | | | 0.45 | 0.9 | | 31.61 | | 3.67 | 227.2 | |
| 250006 | PF08-1 | 8.00 | 9.00 | 1.00 | 0.47 | 1.6 | | 925.20 | | 93.44 | 18.8 | |
| 250007 | PF08-1 | 9.00 | 10.00 | 1.00 | 0.50 | 0.9 | | 607.00 | | 25.90 | 10.6 | |
| 250008 | PF08-1 | 10.00 | 11.00 | 1.00 | 0.30 | 0.8 | | 567.30 | | 56.37 | 8.8 | |
| 250009 | PF08-1 | 11.00 | 12.00 | 1.00 | 0.26 | 0.8 | | 514.90 | | 13.22 | 18.0 | |
| 250010 | PF08-1 | 12.00 | 13.00 | 1.00 | 0.17 | 0.8 | | 499.90 | | 77.42 | 16.2 | |
| 250011 | Duplicate of previous | | | | 0.18 | 0.8 | | 490.10 | | 70.72 | 15.3 | |
| 250012 | PF08-1 | 13.00 | 14.00 | 1.09 | 0.19 | 0.7 | | 399.90 | | 89.39 | 21.8 | |
| 250013 | PF08-1 | 14.00 | 15.00 | 1.00 | 0.29 | 0.6 | | 408.80 | | 154.90 | 15.1 | |
| 250014 | PF08-1 | 15.00 | 16.09 | 1.09 | 0.49 | 1.0 | | 598.40 | | 359.80 | 19.7 | |
| 250015 | PF08-1 | 16.09 | 17.00 | 0.91 | 0.29 | 1.0 | | 548.60 | | 162.50 | 28.3 | |
| 250016 | PF08-1 | 17.00 | 18.08 | 1.08 | 0.22 | 1.2 | | 632.10 | | 159.30 | 18.4 | |
| 250017 | Blank Standard | | | | <0.03 | 0.2 | | 35.61 | | 4.67 | 4.4 | |
| 250018 | PF08-1 | 18.08 | 19.00 | 0.92 | 0.05 | 0.4 | | 85.38 | | 7.21 | 6.2 | |
| 250019 | PF08-1 | 19.00 | 21.00 | 2.00 | 0.03 | 0.2 | | 50.75 | | 5.59 | 20.0 | |
| 250020 | PF08-1 | 21.00 | 23.00 | 2.00 | <0.03 | 0.1 | | 24.49 | | 9.27 | 7.1 | |
| 250021 | PF08-1 | 23.00 | 25.00 | 2.00 | 0.04 | 0.7 | | 407.50 | | 90.41 | 22.3 | |
| 250022 | PF08-1 | 36.00 | 38.00 | 2.00 | <0.03 | 0.2 | | 64.99 | | 5.37 | 5.2 | |
| 250023 | PF08-1 | 40.50 | 41.50 | 1.00 | 0.08 | 0.5 | | 154.10 | | 10.96 | 28.9 | |
| 250024 | PF08-1 | 51.76 | 53.00 | 1.24 | <0.03 | 0.4 | | 30.74 | | 4.75 | 5.1 | |
| 250025 | PF08-1 | 53.00 | 55.00 | 2.00 | <0.03 | 0.3 | | 36.90 | | 2.69 | 9.5 | |
| 250026 | PF08-1 | 55.00 | 57.00 | 2.00 | <0.03 | 0.2 | | 20.04 | | 4.82 | 4.3 | |
| 250027 | Mineralized Std GS-3B | | | | 3.56 | 6.4 | | 55.61 | | 17.45 | 409.3 | |
| 250028 | PF08-1 | 57.00 | 57.90 | 0.90 | <0.03 | 0.1 | | 15.36 | | 3.51 | 1235.0 | |
| 250029 | PF08-1 | 57.90 | 59.74 | 1.84 | 0.10 | 0.2 | | 14.34 | | 2.84 | 24.7 | |
| 250030 | PF08-2 | 7.62 | 9.00 | 1.38 | 0.05 | 0.8 | | 114.10 | | 2.57 | 11.7 | |

# APPENDIX II – DRILL LOGS

**KINGSMAN RESOURCES LTD.** **PATHFINDER PROJECT**

# DRILL LOG HOLE # PF08-1

**LOCATION GPS NAD 83** **DATE START: Oct.8, 2008**
**EASTING:** **AZIMUTH: 240** **DATE COMPLETE: Oct. 9, 2008**
**NORTHING:** **DIP: -45**
**ELEVATION:** **TOTAL DEPTH: 59.74m** **LOGGED BY: B. AUGSTEN**

**0 – 3.96** **OVERBURDEN**

**3.96 – 18.08** **SKARN**
Fine grained, medium green to reddish-brown to grey, weakly laminated to mottled; silicified; see dark reddish/brown garnet in narrow, (<5mm), seams parallel to laminations or bedding; Further downhole, (16.09 – 18.08), see massive reddish/brown garnet; Fracture controlled oxidation as limonite to 8.0 metres; 1-3% fc/veinlet calcite;
3-7% diss/f c po; 1-5% py as diss blebs and along fxs and veinlets; tr cpy; locally (0.3% vfg diss Moly , eg. 16.88m)
crosscutting qtz veinlets with py,po (<1cm) @ 55°,38° 67° TCA;
Laminations @ 35° TCA but variable (17-35);
LC @ 33° TCA;
**@ 9.42m** 1cm qtz-calcite-py veinlet/shear vein @ 15° TCA;
**@ 14.72** – 10cm(true width) coarse grained dike of granodiorite @ 37° TCA with 3% blebby and fc po; brown felty biotite; mafics chloritized;
**16.09 – 18.08** – massive garnet skarn;

**18.08 – 31.59** **GRANODIORITE**
Coarse grained, leucocratic, hypidiomorphic rock; comprised of qtz(15-20%), feldspars(75%), and mafics(5%); weakly to moderately sericitized; mafics chloritized; non-magnetic; weak fc calcite; locally fractured/sheared with chlorite filled fxs; LC @ 28° TCA;

**31.59 – 51.76** **CONTACT ZONE**
Sequence of partially digested metasediments/metavolcanics interspersed with irregular dikes, injections of coarse grained granodiorite as above; overall trace to very low pyrite with local concentrations; weak fc calcite; LC sharp @ 70° TCA;
**@ 40.90** – fracture @ 38° TCA with 1-2cm massive py+po with black chlorite? Halo enveloped by med to pale green sericite halo;
**44.30 – 46.36** – larger sill/dike of granodiorite; weakly sericitized; UC @ 28° TCA; LC @ 49° TCA;

**51.76 – 59.74** **FELDSPAR PORPHYRY**
Distinctive textured crowded feldspar porphyry intrusive into the coarse grained granodiorite; FP has a weak chill margin; comprised of 25% euhedral, equant to tabular white fsp phenos to 3mmx2mm but typically 1.5mmx1.5mm; 7% brown interstitial biotite; <1% diss/fc py; tr diss cpy; <0.5% diss/fc po; locally mod to strong pervasive sericite with weak chlorite on fxs; non-magnetic;

**@ 54.20** – series of parallel qtz +/- calcite veinlets (<0.5cm) @ 48° TCA with strong serictic halos;
**@ 57.90** fault/shear @ 30° TCA with strongly altered (sericite+chlorite) feldspar porphyry from 57.46 – 57.90;

**END OF HOLE**;

# DRILL LOG HOLE # PF08-2

**LOCATION GPS NAD 83**
**EASTING: 397198**
**NORTHING: 5449569**
**ELEVATION:**

**AZIMUTH: 240**
**DIP: -45**
**TOTAL DEPTH: 93.27m**

**DATE START: Oct.9, 2008**
**DATE COMPLETE: Oct. 10, 2008**
**LOGGED BY: B. AUGSTEN**

**0 – 7.62** **OVERBURDEN**

**7.62 – 44.36** **FELDSPAR PORPHYRY**
Same as FP in PF08-1 (51.76 – 59.74)
Distinctive crowded feldspar porphyry with 20-25% fsp phenos in a fine grained beige to pale red/brown groundmass; fsp to 3mm x 1mm, subhedral to euhedral and equant to tabular; massive, non-foliated; where groundmass reddish/brown due to fine biotite hornfels; elsewhere groundmass is variably pervasively sericitized imparting a beige wash to rock; non-magnetic; pyrite occurs both as diss grains (0.5%) and in fxs with chlorite (1-2%); tr diss po; pyrite/chlorite fxs at variable orientations; chlorite fxs manifested as black hairline to 1mm fxs with or without pyrite; sometimes see white (albitic?) halo to fxs; Intensity of py-chl fxs decreases to LC;
LC sharp @ 38° TCA;
**@ 26.40** – 8cm zone of py-chlo-qtz @ 31° TCA
**@ 26.80** – 12cm zone of fg py,black chl and qtz @ 38° TCA
**@ 39.20** 2-3cm epidote-garnet-qtz-py vein @ 40° TCA;

**44.36 – 72.10** **VOLCANICLASTICS**
Polylithic volcaniclastic? With lapilli-sized clasts; textures partially obscured by various alteration types including strong pervasive chlorite and patchy epidote; also near upper contact sequence cut by several decimetre scale dikes or sills of coarse grained granodiorite; dike contacts @ 44 to 57° TCA; overall texture mottled.
Generally sulphides dominated by py with lesser po and trace cpy; 1% diss py overall, <1% fc py overall (locally higher); <1% diss/fc po; tr cpy; sulpide content generally decreases downsection/hole with best sulphides between 44.36 and 56.40;
Alteration dominated by moderate to strong pervasive chlorite imparting a dark green to black colouration to rock; also see patchy or selective epidote alteration of specific clasts and along fxs, but overall weak;
Calcite occurs throughout section typically along fine fxs, not evenly distributed however; sometimes seen as a dense network of fine fxs, eg. 52.2m; locally see some small patches of pervasive calcite generally below 57m. LC @ 59° TCA;
Overall this is a very heterogeneous unit in terms of textural characteristics , alteration and sulphide distribution.
**44.36 – 45.80** – dominated by 'intrusive' breccia or fragmental dominated by clasts of 'granodiorite';
**44.65 – 44.85** – zone of strong black chlorite alteration with prominent banded semi-massive pyrite @ 55° TCA; 15% py; strongly magnetic in parts of zone due to magnetite;
**50.40 – 51.60** – distinctive section with strong black chlorite alteration and heavy pyrite replacement and dissemination; 10-15% py as replacements along fxs, strong diss and semi-massive bands at 33° TCA; 2-3% blebby/diss po; tr cpy; strongly magnetic due to diss magnetite;
**66.10 – 66.87 – MAFIC DIKE**: Dark grey aphanitic dike with 3-5% generally tabular sericitized, subhedral to euhedral fsps to 5mmx1mm; 1-2% fg, mafic phenos; tr diss py; massive; non-calcareous; weakly magnetic; UC @ 18° TCA; LC @ 50° TCA;
**71.61 – 71.88 – MAFIC DIKE**: Dark grey aphanitic calcareous dike ( moderate to strong pervasive calcite); <1% diss py; 2-3% mafic(biotite) phenos; UC @ 68° TCA; LC @ 52° TCA;
**71.2 – 72.10** – rock volcaniclastics strongly calcareous(strong pervasive calcite);
**71.88 – 72.10** – rock brecciated/faulted

| | |
|---|---|
| **72.10 – 74.19** | **GRANODIORITE**<br>Medium grained, equigranular, hypidiomorphic dike; beige to cream coloured comprised of fsp, qtz, <2% mafics; moderate to strongly sericitized; massive; <1% diss py; UC @ 59° TCA, sheared, faulted; LC @ 38° TCA; |
| **74.19 – 77.14** | **MAFIC DIKE**<br>Dark grey, aphanitic, massive dike similar to that @ 71.61m; weak to moderate fc, and interstitial calcite; <0.5% diss py; weakly magnetic; LC @ 45° TCA; |
| **77.14 – 77.36** | **VOLCANICLASTICS** as previous<br>3-4% diss py; LC @ 57° TCA; |
| **77.36 – 77.88** | **GRANODIORITE**<br>White to beige, massive, leucocratic; <2% mafics; LC @ 47° TCA; |
| **77.88 – 93.27** | **VOLCANICLASTICS** as previous;<br>**77.88 – 81.30** – strong patchy pervasive calcite imparting a beige wash to rock, accompanied by stronger diss/fc py (3-4% overall);<br>**81.30 – 89.46** – alteration dominated by black fc chlorite, patchy epidote with chloritic halos; minor patchy pervasive calcite; 2-3% diss py;<br>**89.46 – 90.85** – strong pervasive calcite as a beige wash; <1% diss py;<br>**89.46 – 90.12** – probable healed fault with shear bands @ 47° TCA;<br>**90.85 – 93.27** – alteration characterized by pale beige to greenish wash with andradite garnet occurring in fxs and as small 'cm' scale patches; rock is silicified; overall 2% diss py; <0.5% diss po;<br>**@ 91.66** – 4cmx1.5cm massive aggregate of po+py |
| | **END OF HOLE** |

| DRILL LOG | | HOLE # PF08-3 |
|---|---|---|
| **LOCATION GPS NAD 83** | | **DATE START: Oct.10, 2008** |
| **EASTING: 397156** | **AZIMUTH: 177** | **DATE COMPLETE: Oct. 11, 2008** |
| **NORTHING: 5449583** | **DIP: -45** | |
| **ELEVATION:** | **TOTAL DEPTH: 90.22m** | **LOGGED BY: B. AUGSTEN** |

**0 – 2.13** **OVERBURDEN/CASING**

**2.13 – 7.95** **SKARN**

Variably hornfelsed to skarned sucrosic textured siliceous to silicified metasediment; rock varies from dk green to dk grey to dk reddish/brown,(depending on mineralogy), typically massive to mottled (locally see faint 'bedding' – 22° @ 6.12m); moderate fc oxidation as limonite to 5.8m; overall unit not calcareous;
Overall sulphides, 5-7% diss+/- fc po; 1-3% diss +/- fc py; tr cpy; locally mt;
**3.94 – 4.56** – 0.5 to 1.0cm qtz-calcite +/- py +/- tr cpy veinlet @ 0° - 5° TCA; partially strongly oxidized to limonite;
**5.31 – 5.75** – Granodiorite sill/dike; coarse grained leucocratic intrusive; wk to mod sericite; <0.5% diss/fc po; <1% fc/interstitial py; tr moly at contact; UC @ 25° TCA; LC @ 35° TCA (irregular);
**5.77 – 6.12** – massive dk reddish/brown garnet skarn; mod to strong pervasive calcite;

**7.95 – 13.55** **GRANODIORITE**

Coarse grained, hypidiomorphic leucocratic intrusive, (same as granodiorite in PF08-1,2); mod to strong sericite; 5% chloritized mafics; 3-4% chlorite on fxs; <1% fc/interstitial po +/- py, (stronger, 5%, interstitial po within 5cm of LC)
LC sharp but irregular @ 30° TCA;
**@ 9.45** – 30cm xenolith of silicified, laminated metasediment; lamination @ 70° TCA; 2-3% diss po, <1% diss/fc py;

**13.55 -18.56** **SKARN**

Massive to weakly banded, calcsilicate skarn; med grey to dk green to reddish/brown rock; colour function of mineralogy, ie reddish/brown where massive gt(30-35%), med grey/green silica/pyoxene skarn(60-65%); siliceous/silicified; minor epidote; calcite occurs as 1-2% fxs/veinlets and as mod to strong patchy pervasive especially in massive gt sections; minor qtz, qtz/calcite veinlets; LC sharp @ 50° TCA;
Variable sulphides: 5-7% diss po overall – locally higher; 3-5% diss py overall; tr cpy; minor fc po, py overall;
@ 14.90m weak bedding? @ 20° TCA;

**18.56 - 29.42** **GRANODIORITE**

Coarse grained, massive, leucocratic rock; <5% chloritized mafics; mod to strong sericite; strong (5-7%) fc chlorite +/- py; <1% diss, fc py; LC sharp @ 48° TCA;

**29.42 – 32.60** **SKARN**

Similar to previous skarn; massive to locally weakly laminated, grey to green to reddish/brown; includes a section of massive epidote+garnet+calcite skarn; 2-3% fc calcite; strong pervasive calcite; LC sharp @ 50° TCA;
Sulphides: 5-7% diss py; <1% fc py; 2-4% fc/diss po; tr diss/fc cpy;
**31.2 – 32.6** – dark grey calcareous 'skarn' with gradational contacts;

**32.60 – 37.43** **GRANODIORITE**

As prevous GD; <0.5% diss/fc py; LC sharp @ 57° TCA;

**37.43 – 59.43** **VOLCANIC BRECCIA? (VOLCANICLASTICS)**
Similar to unit in PF08-2 @ 44.36;
Vari-textured fragmental with breccia to lapilli-sized clasts; massive, non-foliated, mottled; clast lithology varies from felsic to intermediated coarse grained intrusive clasits (granodiorite to diorite) to fine grained volcanic and sedimentary lithologies; weak to strong patchy pervasive calcite, in places imparting a beige wash to rock; 2-3% fc calcite; rock is variably overprinted by black fc and pervasive chlorite; rare patchy epidote alteration ( clast specific);
**Sulphides**: variable diss py from <1% to 4%;
**Oxides**: locally see fc magnetite often associated with epidote altered clasts or areas of pervasive epidote;
Minor fc hematite associated with strong chlorite and epidote

**50.00 – 50.24** – med grey aphanitic fsp-porphyritic andesite dike; 5% euhedral, sericitized, fsp laths to 5mmx2mm; 2-3% biotitized mafics; no visible sulphides; 2% interstitial calcite;UC@33° TCA; LC@54° TCA;

**52.80 – 52.32** – dark grey aphanitic chloritized dike with 5% fg black biotite phenos (or biotite altered mafics); 3-5% calcite in fxs, spotis and amygdules; weakly mt.

**@ 58.42** – 7cm(true width) granodiorite dike @ 30° TCA; <1% py;
**@58.90** – 3.5cm granodiorite dike @ 55° TCA;

**59.43 – 65.21** **GRANODIORITE**
As previous; weak to moderate sericite; chloritized mafics; prominent set of chlorite fxs @ 50° TCA; 3-5% chlorite on fxs +/- py; 1% fc/diss py; LC @ 36° TCA;
**63.9 – 64.66** – 1-3mm py+/-qtz+/-calcite fx/vein? Parallel TCA with very fg py;

**65.21 – 67.28** **VOLCANICLASTICS/BRECCIA** (as previous)
Weak chlorite alteration (weaker than previous); 2-3% fc calcite, overall weaker pervasive calcite with moderate pervasive calcite near UC, elsewhere sporadic patchy pervasive calcite; 2-3% diss po; 1-2% diss py;

**67.28 – 71.73** **MAFIC DIKE**
Dark grey aphanitic dike; calcareous; massive; moderate pervasive calcite; 1-3% fc calcite; moderately magnetic; UC@ 75° TCA; LC @ 80° TCA;

**71.23 – 90.22** **VOLCANIC BRECCIA** (as previous)
This enigmatic unit continues as an extremely heterogeneous polylithic fragmental (possible conglomerate); includes what appears to be large cobbles of diorite (possible dike but contacts fuzzy, 75.50 – 76.35; strong patchy pervasive calcite;
**71.73 – 80.26** – strong pervasive/fc calcite
Sulphides: 2-3% diss py; <0.5% fc py; <1% diss/fc po;

**80.26 – 90.22** – rock has more of a pale to med green colouration with occasional patchy pervasive epidote and start tosee orange/brown garnet developed along fxs and in irregular patches; fragmental texture more evident in this section, possibly due to somewhat smaller clast size or change in alteration characteristics to that of less chlorite; 2-3% veinlet/fc calcite; patchy pale grey alteration – possible albite.

**END OF HOLE**.

# DRILL LOG HOLE # PF08-4

**LOCATION GPS NAD 83** **DATE START: Oct.11, 2008**
**EASTING: 397143** **AZIMUTH: 190** **DATE COMPLETE: Oct. 11, 2008**
**NORTHING: 5449690** **DIP: -45**
**ELEVATION:** **TOTAL DEPTH: 17.68m** **LOGGED BY: B. AUGSTEN**

**0.00 – 5.18** **OVERBURDEN**

**5.18 – 8.43** **GRANODIORITE**
Medium to coarse grained, leucocratic rock; <5% chloritized mafics; massive; weak sericite; wk fc chlorite; wk oxiadation on fxs as limonite; overall 2-3% fc/diss py (locally semi-massive accumulations over several cms); LC @ 72° TCA;
**5.18 – 5.36** – badly broken, rubbly core at top of hole; med to dk grey to grey/blue 'granodiorite'; colour due to very fg diss aspy (7%); aspy occurs as extremely fg needles in a 'felted' masses; also contains coarser grained brassy diss py;

**8.43 – 10.22** **DACITE DIKE**
Pale green/grey fg, porphyritic dike with 5-7% sericite-altered fsps to 3mmx0.5mm; groundmass is wkly to moderately clay/sericite altered; massive; non-magnetic; wk interstitial calcite; tr diss py; LC sharp but irregular @ 30° TCA;

**10.22 – 11.33** **GRANODIORITE**
As previous; leucocratic med to cg; 3-5% chloritized mafics; wk fc oxidation as limonite; <0.5% diss py; LC sharp @ 50° TCA;

**11.33 – 17.07** **DACITE DIKE** (Similar to previous with some differences)
Med grey fsp-porphyritic with 10-12% small (<1mmx1mm) fsps; groundmass aphanitic; fsps are equant to tabular, subhedral to euhedral (larger fsp phenos clearly clay-altered); groundmass is mod to strongly sericite/chlorite altered; unit includes several, 1-2cm irregularly shaped aphanitic, grey/green xenoliths; wk interstitial calcite and as partial replacement of fsps; non-mt;
Noticeably this unit differs from that @ 8.43 to 10.22 in that this unit has a weak fabric manifested by alignment of fsps; foliation @ 58° TCA but somewhat variable;
0.5% diss py; tr diss cpy;
LC sharp @ 70° TCA (irregular);

**17.07 – 17.68** **FELDSPAR PORPHYRY**
Silicified crowded feldspar porphyry with textures somewhat obliterated by alteration, (possible porphyritic phase of granodiorite above); 15-20% sub to euhedral fsps to 3mmx1mm, and equant to tabular; chloritized mafics; wk chlorite on fxs; wk oxidation on fxs as limonite; non-mt; <0.5% diss py; tr diss cpy;

**END OF HOLE** This hole was ended prematurely due to encounter with a drift or shaft; reluctant to continue to drill for fear of losing string of rods etc downhole.

# DRILL LOG HOLE # PF08-5

**LOCATION GPS NAD 83**
**EASTING: 397143** **AZIMUTH: 190** **DATE START: Oct.11, 2008**
**NORTHING: 5449690** **DIP: -55** **DATE COMPLETE: Oct. 12, 2008**
**ELEVATION:** **TOTAL DEPTH: 106.68** **LOGGED BY: B. AUGSTEN**

**0 – 3.05OVERBURDEN/CASING**

**3.05 – 3.91** **SYENITE PORPHYRY**(fine grained phase of main syenite)
Feldspar porphyry,fg, massive rock; 7-10% euhedral fsps to 5mmx3mm, typically groundmass is dk green/grey and aphanitic; 1-2% interstitial calcite and as partial replacement of fsps; weakly magnetic; mod fx oxidation as limonite; LC @ 28° TCA;
Sulphides: tr diss py;

**3.91 – 14.90** **CROWDED FELDSPAR PORPHYRY**
This is a similar FP unit to that seen in PF08-1(51.76 – 59.74), and PF08-2(7.62 – 44.36).Crowded fsp-porphyry consisting of about 20% anhedral to euhedral, equant fsps typically 1.5mmx1.5mm with only minor variation in pheno size; fsps set in a fg siliceous groundmass, typically having a glassy pale flesh-coloured tone(hornfelsed?), silicified; 5-7% fg chloritized mafics; 2-3% calcite on fine fxs;
This unit appears to be host to or has been replaced by a significant massive sulphide zone as described below; upsection of the massive sulphide zone and immediately below it were/are several small 'cm' scale semi-massive accumulations of py with attendant stronger chlorite, eg 5.9,9.4,9.8;
Sulphides: Except as noted
**Py**: <1% diss, 3% fc py with local semi-massive accumulations along fxs to 1-2cm
**Po**: tr overall except where noted below
**Mo**: associated with semi-massive to massive py, po as described below
**Cpy**: trace overall except as noted below

**10.02 – 10.14 – GRANODIORITE**; small dike of cg leucocratic granodiorite @ 38° TCA with 1% diss/fc py; weakly sericitized;
**10.28 – 11.99 – GRANODIORITE**; coarse grained, leucocratic intrusion; 5-7% chloritized mafics; mod fc oxidation as limonite; weak to mod sericite; <0.5% diss py; <0.5% fc py; UC @ 70° TCA; LC @ 32° TCA;
**13.53 – 14.23 – MASSIVE SULPHIDE REPLACEMENT ZONE**; zone of massive po,py with lesser cpy and minor fc/blebby molybdenite; where visible host is a strongly saussuritized feldspar porphyry; UC @ 85° TCA; LC very irregular
**@ 14.45** – 17cm section of strong fracture controlled (fc) semi-massive to massive py,po +/-cpy, +/- moly .

**14.90 – 106.68** **SYENITE PORPHYRY(CORYELL)**
Med to pale grey/green, fine grained intrusive rock with 10-12% cream to pale pinkish/orange eudhedral fsps to 5mmx2mm including some glomeroporphs; also includes 1-2% irregularly-shaped fg to aphanitic dark green xenoliths; mostly massive to foliated near UC @ 78° TCA as manifested by alignment of calcite-filled vesicles? Groundmass is weakly to moderately sericitized with locally strong alteration; trace diss py throughout; groundmass exhibits grainsize variation from aphanitic at top of section to fine grained for most of section; weakly magnetic; 2-3% interstitial calcite; 5% fg mafics (actinolite after biotite); rock is cut by several decimeter scale aphanitic black to dk green mafic dikes, sometimes amygdaloidal with one larger one as noted below;

**81.05 – 82.00 – MAFIC DIKE**; med grey/green aphanitic dike with 5% rounded calcite +/-qtz lithophysae(amygdules) to 3cmx2cm but typically 4-5mmx4-5mm; also see purple and green vesicle fill (fluorite?) in one large amygdule; UC @ 50° TCA; LC @ 38° TCA; contacts are sharp with no discernible chill margins but at upper contact see finely scalloped edges.

**END OF HOLE.**

# DRILL LOG HOLE # PF08-6

**LOCATION GPS NAD 83**
**EASTING: 397143** **AZIMUTH: 190** **DATE START: Oct.12, 2008**
**NORTHING: 5449690** **DIP: -80** **DATE COMPLETE: Oct. 12, 2008**
**ELEVATION:** **TOTAL DEPTH: 28.96m** **LOGGED BY: B. AUGSTEN**

**0 – 2.13 OVERBURDEN**

**2.13 – 7.94** **SYENITE PORPHYRY**
Same as that seen in bottom of PF08-5; fine grained, fsp-phyric porphyry; 5-7% larger(5mmx2mm), euhedral pale pinkish/orange fsps; massive; rock colour changes from pale green/grey to med grey as a function of groundmass grain size, (colour gets darker as grain size gets finer); unit is also characterized by irregularly-shaped aphanitic dk grey/green xenoliths with rounded clast boundaries; tr diss py; weak to mod fc oxidation as limonite; 2% interstitial calcite; weakly magnetic; LC sharp with well-developed chill margins for 0.5cm; LC @ 15° TCA;

**7.94 – 10.34** **CROWDED FELDSPAR PORPHYRY**
As seen in PF08-5; strongly altered feldspar porphyry with alteration in places obliterating textures; alteration consists of 1: mod to strong pervasive calcite especially between 7.94 and 9.67, 2: moderate sericite, 3: qtz-flooding; also see weak fc oxidation as limonite; LC sharp @ 37° TCA;
**Sulphides**: 2-3% diss/fc py, 0.5% v. fg. Cpy, trace moly associated with heavier fc py (see below).
**@ 9.12m** – 2-3cm 'zone' of stronger fc py with trace moly, cpy; seam or zone @ 47° TCA, characterized by strong chlorite.

**10.34 – 18.60** **SYENITE PORPHYRY**
As previous(2.13 – 7.94); groundmass mostly fg with igneous txt evident and a pale grayish/green colour, however, as LC is approached for 60cm grain size decreases where groundmass becomes aphanitic and hence rock colour changes to darker grey; also see weak foliation as approach contact manifested by lenticular wisps of calcite; fabric @ 86° TCA; LC sharp @ 43° TCA with 1cm chill margin developed on syenite porphyry.

**18.60 – 23.33** **GRANITE**
Coarse grained hypidiomorphic mesocratic granite; massive; pale to med orange coloured; 5-7% partially chloritized mafics (biotite); 3-5% fc chlorite; weak sericite; 1% diss mt; <1% diss py + py on chloritized fxs; tr diss fg moly; LC @ 65° TCA but somewhat irregular.

**23.33 – 24.07** **INTERMEDIATE DIKE**
Medium green to brownish/green coloured, med grained dike with a porphyritic texture manifested by faint sericite-altered fsps to 5mmx1.5mm, generally tabular(3-5%) and black biotite-altered mafics(5-6%) generally in a darker coloured rock; weakly mt; strong interstitial,pervasive calcite and as partial replacement of mafics; <0.5% diss py; LC @ 29° TCA;
This is the first appearance of this rock type; this dike cut by syenite porphyry below.

**24.07 – 28.96** **SYENITE PORPHYRY** (as previous)
Rock varies in groundmass characterisitics from finer grained, dk grey near contact and gradually coarsening up with attendant colour change to a lighter beige/pale greenish/brown; massive; very weakly magnetic; tr diss py; mod to strong interstitial calcite near UC and gradually diminishing to trace in the lighter, coarser grained syenite porphyry;

**END OF HOLE.**

# DRILL LOG HOLE # PF08-7

**LOCATION GPS NAD 83**
**EASTING: 397144**
**NORTHING: 5449687**
**ELEVATION:**

**AZIMUTH: 150**
**DIP: -55**
**TOTAL DEPTH: 10.67m**

**DATE START: Oct.12, 2008**
**DATE COMPLETE: Oct. 12, 2008**
**LOGGED BY: B. AUGSTEN**

**0 – 3.66** **OVERBURDEN/CASING**

**3.66 – 4.32** **APLITE/ALASKITE?**
Fine to mg, leucocratic massive intrusive rock comprised of qtz+fsp; 3% fg, chloritized mafics; weak pervasive sericite; fc oxidation as limonite; tr diss/fc py; LC sharp @ 60° TCA;

**4.32 – 10.67** **CROWDED FELDSPAR PORPHYRY** (as seen previously)
Densely packed fsp-porphyritic rock with >20% equant fsps to 1.5x1.5mm; massive; silicified; overall colour is a faint purplish/beige with a glassy look; 3% fine fc calcite; strong chlorite development predominantly as a relatively dense network of chlorite fxs and accompanying halos to fxs usually with py in fxs and diss aggregates in chloritic halos where present;
**SULPHIDES**:
**Py**: 2% diss overall
**Cpy**: tr fg diss
**Aspy**: locally see aspy occurring as extremely fine grained needles in small densely packed aggregates in and peripheral to fxs; associated with mod to strong sericite alteration, eg. (4.80 – 5.55); aspy imparts a dark bluish tint to rock;
**4.32 – 7** - rock cut by several predominantly cm-scale, cg, felsic intrusives with often irregular low angle contacts
**@ 5.62** – fault with chlorite +/- brecciation @ 32° TCA;
**10.29 – 10.67** – coarse grained leucocratic sericite-altered dike?; tr diss/fc py; UC @ 51° TCA;

**END OF HOLE**

# DRILL LOG HOLE # PF08-8

**LOCATION GPS NAD 83**
**EASTING: 397148** **AZIMUTH: 130** **DATE START: Oct.12, 2008**
**NORTHING: 5449684** **DIP: -45** **DATE COMPLETE: Oct. 13, 2008**
**ELEVATION:** **TOTAL DEPTH: 32.31m** **LOGGED BY: B. AUGSTEN**

**0 – 3.66** **OVERBURDEN/CASING**

**3.66 – 10.49** **CROWDED FELDSPAR PORPHYRY** (as seen elsewhere)
Silicified?, crowded feldspar porphyry with 15-20% eudhedralfsps to 2mmx1.5mm with minimal pheno size variation – all floating in a fine grained to aphanitic glassy med purplish/brown groundmass; cut by 2% chlorite +/- py fxs; mod to strong pervasive calcite as a grey wash; <1% fine calcite fxs;
Sulphides: <1% fg diss py; <0.5% fc py; tr diss cpy;
LC unclear due to rubble.

**10.49 – 11.63** **GRANODIORITE/QTZ MONZONITE**
Coarse grained leucocratic massive intrusive rock comprised of qtz, feldspar, 5% mafics; moderate to strongly sericitized; strong fc chlorite; 3-5% fc calcite;
Sulphides: <1% diss/blebby/fc py
LC sharp @ 56° TCA;

**11.63 – 13.49** **INT DIKE**
Dark greyish/green melanocratic, faintly porphyritic dike; same as that in PF08-6 (23.33 – 24.07); see faint ghost-like, sericitized fsp phenos (5-7%) to 3mmx2mm and fg black biotitized mafics (3-4%) in a generally chloritized rock; strong pervasive calcite; minor fc calcite;
Sulphides: <0.5% diss py
LC unclear due to rubble

**13.49 – 26.40** **GRANODIORITE/QTZ MONZONITE**
Coarse grained, leucocratic massive intrusive rock comprised of fsp, qtz and biotite; >20% qtz, 5-7% chloritized mafics; weak to mod sericite; well developed chlorite +/- py on fxs;
Sulphides: 1% fc/diss py;
LC unclear due to rubble;
**@19.80m** – closely spaced (1cm) chlorite +/- py fxs @ 45° but variable

**26.40 – 31.37** **SYENITE PORPHRY**
Distinctive orthoclase porphyry with relative large orthoclase phenos to glomeroporphs, with phenos to 5mmx4mm; phenos a pale pinkish/orange; 7% phenos in a fg igneous groundmass; massive; some fsps cored by chlorite; mod intersititial calcite; weakly mt;
Sulphides: 1% very fg diss py;
LC @ 27° TCA

**31.37 – 32.31** **GRANITE**
Coarse grained granite; 5-7% biotite; weakly mt due to <0.5% diss mt; massive; same as unit in PF08-6 @ 18.8 – 23.33;
Sulphides: tr diss/fc py;

**END OF HOLE.**

# DRILL LOG HOLE # PF08-9

**LOCATION GPS NAD 83**
**EASTING: 397071** **AZIMUTH: 108** **DATE START: Oct.13, 2008**
**NORTHING: 5449672** **DIP: -45** **DATE COMPLETE: Oct. 13, 2008**
**ELEVATION:** **TOTAL DEPTH: 74.98m** **LOGGED BY: B. AUGSTEN**

**0 – 5.18** **OVERBURDEN/CASING**

**5.18 – 7.77** **CROWDED FELDSPAR PORPHYRY**
20-30% fsp phenos; mod sericitized; non-mt; mod interstitial to pervasive calcite; well-developed chlorite fxs +/- py;
Sulphides: 1-2% diss/fc py; tr cpy
LC unclear due to broken core

**7.77 – 14.93** **SYENITE PORPHYRY DIKE/SILL** (similar to others seen)
Grey to pinkish brown with about 7% subhedral to euhedral, equant to tabular, fsps(orthoclase) to 1.5x1.5mm; massive ; moderate interstitial calcite; 2% fc calcite; weakly mt; 5% chloritized mafics; tr py;
LC @ 25° TCA;

**14.93 – 39.92** **CROWDED FELDSPAR PORPHYRY** (as above)
Well-developed chlorite fxs with py, tr cpy and tr moly; typically fxs 1-3mm but occasionally chlorite +sulphides extends for several cms peripheral to fxs; mod to strong pervasive calcite; weak sericite overall; minor epidote with some chlorite fxs; locally rock cut by narrow, coarse grained leucocratic dikes;
Sulphides: 2% fc/diss py; tr diss/fc cpy; tr moly associated with heavier py along or peripheral to chlorite fxs; tr sph;
@ 23.10 – see moly in a hairline, 0.3mm qtz-filled fx; also here see specks of reddish/brown sphalerite in fxs.
LC @ 44° TCA

**39.92 – 42.21** **INTERMEDIATE DIKE**
Med to pale green, massive, fg dike with weak porphyritic texture described by 5% sericitized tabular fsps to 5mm x 1.5m but variable; 3% biotite + chlorite altered mafics; strongly sericitized +/- chloritized; weak interstitial calcite; 1-2% fc calcite; non magnetic;
Sulphides: 1% diss py;
LC @ 64° TCA

**42.21 – 62.19** **VOLCANIC FRAGMENTAL**
Pale green, mottled textured rock comprised of variably sized polylithic clasts from <1cm to +10cm; clast lithologies include fg massive textured clasts to fine to med grained leucocratic intrusive rocks; strong alteration tends to mask textures somewhat; LC @ 80° TCA;
**Alteration:** rock is variably silicified, sericitized; some patchy erratic pervasive calcite; 2% interstitial calcite; locally see weak orange/brown garnet skarning; possive albite locally as a hard cream coloured alteration
**Veining:** Entire unit has been cut by a network of fine (<1mm to 2mm) calcite and /or calcite+qtz veinlets – 2%; typically veinlets don't contain sulphides;
**@ 55.25** – small area of stockwork of calcite-qtz veinlets with a very fg, almost chalcedonic texture; this is associated with 'leached' cavities in wall rock with drusy pyrite;
**Sulphides**: 3-4% fg diss py throughout; <1% fc py; minor py associated with qtz-calcite veining; tr diss cpy; tr po; locally see gn, sph
**@ 42.72** – 5mm calcite-gn-sph veinlet @ 62° TCA

**46.62 – 47.43 – SYENITE PORPHYRY DIKE**; pale green, massive fg dike with prominent (4%) fsp phenos to 6mmx3mm (some glomeroporphs); moderate interstitial calcite; non-mt; tr diss py; UC@ 76°; LC @ 64°;

| | |
|---|---|
| **62.19 – 66.50** | **INTERMEDIATE DIKE** (similar to dike in PF08-8 @)<br>Melanocratic, massive, dk grey dike with a porphyritic texture manifested by faint (5-7%) fsps to 3mmx1mm but variable, and 2% black biotite phenos; moderate to strongly chloritized; 2% fc calcite; strong pervasive/interstitial calcite; weakly mt;<br>Sulphides: <0.5% diss py;<br>LC @ 43° TCA |
| **66.50 – 74.98** | **SYENITE PORPHYRY**<br>Pale green/grey, fg intrusive rock with about 5% large, 8mmx3mm, pinkish to orange fsps; massive; see grain size reduction near UC; non-mt; weak interstitial calcite; tr diss py; |

**END OF HOLE**

# DRILL LOG HOLE # PF08-10

**LOCATION GPS NAD 83**
**EASTING: 397055** **AZIMUTH: 252** **DATE START: Oct.13, 2008**
**NORTHING: 5449656** **DIP: -45** **DATE COMPLETE: Oct. 14, 2008**
**ELEVATION:** **TOTAL DEPTH: 84.12m** **LOGGED BY: B. AUGSTEN**

**0 – 5.94** **OVERBURDEN** (CASING TO 6.10m)

**5.94 – 14.35** **MAFIC VOLCANICS**?
This unit hosts the massive sulphide zone as described below; this is fine grained, strongly altered rock; where less altered see what appears to be sparse, <3%, black phenocrysts (chlorite-altered), in a fine grained groundmass; no apparent bedding; massive; LC @ 64° TCA.
ALTERATION: varies from beige to pinkish/beige (kspar, ser) to black chlorite rich pervasive alteration;
VEINING: cut by several small, <0.5cm, qtz veinlets with minor py
SULPHIDES: overall 2% diss py, 1% diss po, <0.3% diss cpy, 1% fc py, <0.3% fc cpy (except for massive sulphides);

**6.41 – 7.47 – MASSIVE SULPHIDES**; massive po>py>cpy; predominantly massive po lens with semi-massive py,po+cpy near start of lens associated with intense black chlorite; 3% cpy as interstitial to massive po; tr specks of moly with massive po;

Below the massive sulphide lens rock is a strongly altered, fg massive rock, now buff coloured predominantly with several narrow areas of cg fc py, cpy, po with strong fc chlorite +/-epidote, eg. 8.5m;

**@9.1m** – one such heavy sulphide zone (10cm), has a crude banding @ 37° TCA and some garnet (gt) along one side; banding may reflect some original compositional layering.
**10.97 – 12.72** – rock med to dk grey, fg, chlorite-altered with spotty black phenos; mod to strong pervasive calcite; lower overall sulphides in this section; 1% diss py, <0.5% diss po, minor fc py,po;

**14.35 – 19.55** **SYENITE PORPHYRY**
Light grey to faint brownish/grey, fg,fsp porphyritic rock; mod sericite overall; massive; weak interstitial calcite; tr diss py; LC unclear due to rubble.
**14.35 – 16.26** – porphyry is sheared somewhat with mod sericite and well-developed chloritized fxs/shear bands.

**19.55 – 23.26** **GRANITE/QTZ MONZONITE**
Coarse grained, mesocratic rock comprised of plag, kspar and qtz; massive; 5-7% chloritized mafics; 1% diss fg mt; well-developed fc chlorite; 1% diss/fc py; LC very irregular.

**23.26 – 30.88** **LAPILLI TUFF**
Dark grey to black, fg, chloritized fragmental rock; see clasts of fsp-porph andesite; variably silicified; weak interstitial/fc calcite; moderately magnetic; faint layering @ 50° TCA;
SULPHIDES: 1-2% diss, fg, py; <0.5% in seams parallel to fol/fxs;
**29.50 – 30.88 – FAULT**: intensely chloritized brecciated tuffaceous rock; mod to strong interstitial/fc calcite; moderately mt; 2% very fg diss py; UC@ 23°; LC unclear due to rubble;

**30.88 – 43.08** **GRANITE/QTZ MONZONITE**
Similar to previous; a bit more granitic appearing; cg, massive; very weak fine fc calcite; strong fc chlorite; 3% well-developed but somewhat erratic fc magnetite; LC sharp @ 43° TCA.
1% fc/diss py;
**35.36 – 39.55** – section with abundant xenoliths of volc lithologies;

| | |
|---|---|
| **43.08 - 72.74** | **FRAGMENTAL ROCKS**<br>Polylithic fragmental rock as seen elsewhere, intrusive breccia?, massive; clast lithologies include f-mg felsic intrusive rocks including feldspar porphyry; minor qtz veinlets; LC @ 43° TCA;<br>Alteration: patchy pervasive calcite; mod interstitial calcite; 2-3% fc/veinlet calcite; weak patchy pervasive epidote; minor orange/brown garnet development; weak to mod fc chlorite;<br>Sulphides: 3-4% very fg diss py; <1% fc py; <1% diss/blebby po; tr diss/fc cpy;<br>**44.23 – 44.76** – Granodiorite Dike, leucocratic coarse grained dike; UC @ 40°, LC @ 42° TCA;<br>**44.93 – 45.09** – Granodiorite Dike; as above; UC @ 72°, LC @ 62°<br>**@ 52.32** – 9cm Granodiorite dike @ 66° TCA<br>**61.28 – 61.56** – Granodiorite dike: coarse grained; appears to be some shearing with heavier blebby/fc py at contacts; also dike cut by fc py; UC @ 68° TCA;<br>**61.85 – 62.79 – FAULT**; strongly brecciated/sheared fault with strong fc/interstitial calcite; 5-7% diss py; 3-4% fc/blebby py; UC @ 38° TCA; LC @ 38° TCA; |
| **72.74 – 84.12** | **QTZ MONZONITE/GRANITE**<br>Coarse grained, leucocratic to mesocratic rock; well-developed chlorite on fxs adding to darker colour; 5-7% chloritized mafics; massive; 1% diss mt; <0.5% diss py; |

**END OF HOLE**

# DRILL LOG HOLE # PF08-11

**LOCATION GPS NAD 83**
**EASTING: 397055** **AZIMUTH: 252** **DATE START: Oct.14, 2008**
**NORTHING: 5449656** **DIP: -60** **DATE COMPLETE: Oct. 15, 2008**
**ELEVATION:** **TOTAL DEPTH: 78.03m** **LOGGED BY: B. AUGSTEN**

**0 – 4.27** **OVERBURDEN/CASING TO 4.57**

**4.27 – 17.47** **MAFIC FLOW (Autobrecciated flow?)**
Where relatively fresh, rock is dark green/grey, massive with sparse black (chloritized) mafic phenos (augite); toward LC see what may be clasts of fg diorite/cg andesite; possible volcanic fragmental or autobrecciated flow; rock is locally strongly altered as described below; non-mt; LC @ 49° TCA (irregular);
**Alteration**: where relatively unaltered, ie darker coloured rock is mod to strongly chloritized.
**4.27 – 7.92** - Where strongly altered rock is buff-coloured (strongly sericitized, locally carbonatized rock;
Both buff and darker coloured mafic flow have mod to strong pervasive /interstitial calcite; both have 2-3% fc calcite; epidote occurs in buff altered sections as small spots, blebs and along fxs;
**Sulphides**: Overall 1-2% fg diss py; <0.5% fc py; <1% diss/blebby po; tr cpy; stronger sulphides associated with buff altered section including coarseaggregates of py associated with calcite and/or qtz veining; 2-3% diss py; 2-4% fc/blebby py; tr cpy; tr moly with coarse aggregates of py;
**6.54 – 6.88** – qtz vein with strong fc py, tr cpy, moly; UC obscured; LC at about 10° TCA partially obscured by rubble.
**10.88 – 12.31 – SYENITE PORPHYRY** – med grey, fg, fsp porphyry(grey/green version of syenite porphyry); well-developed chill margins on LC; strong pervasive sericite; mod interstitial calcite ; <1% fc calcite; tr diss py; UC @ 45° TCA; LC @ 35° TCA;
**@ 16.58** – 12 cm granodiorite dike @ 47° TCA

**17.47 – 31.66** **GRANODIORITE(Qtz Monzonite)**
Coarse grained, leucocratic massive intrusive rock; weakly mt; mod to strongly sericitized; strong fc chlorite to 21m; thereafter moderate; about 1% diss/fc py; LC unclear;
**29.45 – 30.33** – dike of crowded feldspar porphyry; contacts somewhat fuzzy , not sharp; UC @ 25°; LC @ 49°;

**31.66 – 38.60** **MAFIC VOLCANICS** (as previous)
Dark grayish/brown; massive; locally has a weak fragmental appearance especially toward LC; mod to strong interstitial to patchy pervasive calcite as a lighter grayish/brown wash; 1% fc/veinlet calcite; weak patchy epidote; mod to strong chlorite; LC faulted @ 15° TCA with underlying dike;
Sulphides: 1-2% fg diss py; 1% diss po; tr diss cpy; <1% fc py;
**37.59 – 38.32** – Granodiorite Dike: leucocratic, med grained, massive dike; tr diss py; UC @ 55° TCA; LC @ 52° TCA;
**@ 38.51** – 5cm granodiorite dikelet @ 62° TCA;

**38.60 – 46.61** **ANDESITE DIKE**
Med grey,green, fg to aphanitic massive dike; locally weakly porphyritic with 3% fg black chloritized mafic phenos; mod chlorite, sericite; mod to strong pervasive carbonate; 1% fc calcite; moderately mt; tr diss py; LC faulted @ 36° TCA;

**46.61 – 78.03** **FRAGMENTAL ROCKS**

Massive mottled textured rock; grey to buff to pale yellowish/green; fragmental is polylithic, clast supported with variable clast size, (<1cm to +10cm); most noticeable clast lithologys are various leucocratic fsp-porphyritic, fine to med grained rocks; also see fine grained aphanitic lithologies; everything altered by carbonate/sericite +/- weak skarn alteration masking textures; strongly calcareous; strong pervasive to interstitial calcite; <1% fc calcite; fragmental texture partially obscured by alteration; locally see patchy garnet development; rock cut by several cm to decimeter scale granodiorite dikes or dikelets;
Sulphides: 1-2 diss py; <0.5% fc py; <1% diss/fc po;
**53.64 – 56.70** – rock has a pale yellowish/green hue to it
**63.23 – 63.57** – Granodiorite dike; leucocratic med grained intrusive; 0.5% fc py; UC @ 37° TCA; LC @ 30° TCA;
**66.50 – 70** – rock is pale yellowish/green with 5-7% spotty and patchy darker brown garnet;

**END OF HOLE**.

# DRILL LOG HOLE # PF08-12

**LOCATION GPS NAD 83**
**EASTING: 397021** **AZIMUTH: 230** **DATE START: Oct.15, 2008**
**NORTHING: 5449680.5** **DIP: -45** **DATE COMPLETE: Oct. 15, 2008**
**ELEVATION:** **TOTAL DEPTH: 35.36m** **LOGGED BY: B. AUGSTEN**

**0 – 3.66** **OVERBURDEN**

**3.66 – 9.92** **MAFIC VOLCANICS/FLOWS**

Dark grey to buff, black speckled massive volcanic flow; where darker, see small, (<2mm), sometimes tabular to 2mmx0.5mm, black chloritized mafics (hornblende); overprinted by a buff-coloured , carbonate alteration; This appears to be the host to the massive sulphides as described below.

Alteration: rock is generally calcareous with weak to moderate interstitial/pervasive calcite in darker (more chloritic) sections and stronger in coloured patches; also see carbonate rich halos to chlorite+pyrite fxs; rock is strongly chloritized where not buff coloured; cut by rare chl-py +/-epidote +/- albite fxs; albite seen as pale grey to cream-coloured halos to these fxs; 1-3% fc calcite;

Sulphides: 2% diss py; <1% fc py; <0.5% fc/diss py; tr cpy; py occurs rarely in massive to semi-massive aggregates in cm-scale bands/lenses;

**9.92 – 12.52** **MASSIVE SULPHIDES**

This is not a completely homogeneous section of massive sulphides as described below;

**9.92 – 11.00** – massive sulphides consisting of >95% po, 1-2% py, <1% cpy and trace moly (<0.3%); also see rounded 'islands' of qtz-rich material. No banding in these sulphides;

**11.00 – 12.52** – qtz 'vein'- rich material with strong interstitial massive po,py and cpy producing a pseudo 'pebbly' appearance to rock; 40% po, 3-4% cpy, 1% py;

**12.52 – 15.60** **CROWDED FELDSPAR PORPHYRY**

Crowded feldspar porphyry as seen before with 20-25% equant fsps to 3mmx2mm; siliceous; strong pervasive/interstitial calcite producing a beige to pinkish/beige wash; 2% fine fc calcite; non-mt; well-developed fc chlorite especially with fc sulphides; UC @ 58° TCA; LC @ 78° TCA;

**Sulphides**: 1-2% diss/blebby py; 1% fc py; 1% fc po;

**15.60 – 21.47** **MAFIC VOLCANICS** (as above 3.66 – 9.92)

Weak to moderate pervasive calcite; overall colour a med to dk green/grey; 2% fc py often with chlorite +/- epidote; 1-2% diss py; <1% diss/fc po; LC sharp @ 56° TCA;

**21.47 – 35.36** **SYENITE PORPHYRY**

Fine grained orthoclase porphyry varying in colour from med grey near UC and grading into classical brick red orthoclase porphryry; weakly mt; weak interstitial calcite; massive; rock sericitized near UC; chloritized mafics and in minor fxs/shear bands?; see some clay alteration of fsps, eg @30.25m; 1% fc calcite; tr diss py;

**END OF HOLE**.

# DRILL LOG HOLE # PF08-13

**LOCATION GPS NAD 83** **DATE START: Oct.15, 2008**
**EASTING: 397024** **AZIMUTH: 290** **DATE COMPLETE: Oct. 16, 2008**
**NORTHING: 5449678.5** **DIP: -45**
**ELEVATION:** **TOTAL DEPTH: 51.82** **LOGGED BY: B. AUGSTEN**

**0 – 5.94** **OVERBURDEN**

**5.94 – 17.70** **MAFIC VOLCANIC FLOW**
Massive dk grey/green to buff coloured rock with 5-8% small irregularly shaped, sometimes tabular, black chloritized mafics; non-mt; rock cut by several cm- scale med to coarse grained leucocratic qtz-fsp intrusive dikelets;
ALTERATION: strong chlorite where darker coloured; where buff coloured strong pervasive sericite; weak to strong patchy pervasive/interstitial calcite throughout; see amporphous pinkish (kspar?) envelopes to py-chl+/- epidote fxs; 2% fc calcite;
SULPHIDES: 2% diss/blebby py; 1% fc py; 1% diss/blebby/fc po; tr diss cpy; tr aspy with py on fxs; tr moly on fx with py,ep and chl;
Note: fracture controlled py typically occurs as narrow, 1-3mm, py-chl-+/-epidote fxs; these fxs occur preferably in the buff-coloured altered volcanic; fractures have orientations of 43°, 56° and as irregular fx-fills;
**13.75 – 17.70** – rock is strongly altered to buff-coloured rock with increasing density of fc py-po+/-cpy; especially from 17.0 -17.70; LC with massive sulphides is a gradational one marked by increasing density of fc py,po,cpy;

**17.70 – 20.60** **MASSIVE SULPHIDES**
This section represents a somewhat heterogeneous accumulation of sulphides in terms of overall character; this zone does not have sharp upper or lower contacts ( although somewhat more abrupt @ LC); it appears to represent sulphide replacement of the overlying mafic volcanic; weak fc calcite; LC fairly abrupt @ 36° TCA;
Sulphides in order of abundance are : po>>py>cpy with tr aspy, moly; aspy and moly occur as discrete blebs/grains; Sulphides occur as massive (non-bedded) accumulations – mostly po with interstitial py, cpy and moly; they also occur as strong fc sulphides with qtz-rich gangue; all sulphides occur with very strong chlorite development; Po=40%, Py=10%, Cpy=3%;
**20.25 – 20.46** – distinctive section with massive sulphides consisting of coarse, almost euhedral aggregates of py with coarse interstitial magnetite; minor cpy, po; gangue of qtz-chlorite and minor gt?; zone has distinct contacts, UC @ 34° TCA; LC @ 42° TCA;

**20.60 – 22.98** **ALTERED MAFIC VOLCANICS** (as above massive sulphides)
Intensely altered volcanic; rock is a mottled, pinkish to buff coloured; strong pervasive calcite; 3% fc/blebby py typically with chl+ep; 3-4% fc/veinlet calcite; LC sharp @ 59° TCA;

**22.98 – 26.84** **GRANODIORITE/QTZ MONZONITE**
Med to coarse grained, felsic intrusive; 5% chloritized mafics; well-developed fc chlorite becoming very strong to LC; mod to strong sericite with sericite strengthening to LC;
Sulphides: <1% diss/fc py, <0.5% fc po, <0.3% fc cpy
**22.98 – 23.69** – finer grained version of granodiorite; LC subtle @ 70° , somewhat irregular; this may explain why the UC with altered rocks is very sharp with no sulphide replacement whereas the LC displays an irregular contact with sulphide replacement.
**@26.52** – a small (6cmx1cm) lens of massive sulphide replacement forming on one side of a chlorite fxs; sulphides include po>py>cpy; appears to be a precursor to the larger massive replacement lens below; fx @ 27° TCA;

Note: this interval provides an interesting lesson in prospecting; the granodiorite is seemingly ordinary enough but as we approach the massive sulphide lens below several things happen; 1. Increase in intensity of chlorite in fxs, 2. May see narrow little fc lenses of po+/-py+/-cpy, 3. Start seeing near LC , fc/blebby/diss cpy; all these may be prospecting clues on the ground.

**26.84 – 28.30** **MASSIVE SULPHIDES**

Dark chloritized rock with massive to semi-massive to heavy diss/fc sulphides; near top of system, sulphides appear to replace granodiorite; further down hole sulphides appear to replace altered volcanic? LC marked by decrease in chlorite and decrease in total sulphides; not a real sharp contact.

**26.84 – 27.53** – predominantly massive po,py with minor cpy in a dk black chloritized rock; near top see host 'gd' being replaced; 40% po, 15% py, <1% interstitial cpy

**27.53 – 28.30** – strong diss/fc po,py +/-cpy in a black to dk grey chloritized rock; 10-15% po, 5-7% py, 1-2% diss cpy especially to LC;

**28.30 – 34.04** **ALTERED MAFIC VOLCANICS?**

Similar to altered volcanics at (20.60 – 22.98); generally mottled, beige to med grey to pinkish/grey and includes massive garnet skarn( 28.3 – 28.68); strongly calcareous/pervasive calcite; 2-3% fc calcite; moderate fc chlorite; rock cut by 2 decimeter scale a couple of 'cm' scale granodiorite dikes;

**@ 28.75** – possible bedding @ 10-15° TCA

Sulphides: 2% diss/blebbypy; <1% fc py; <0.3% diss/fc cpy; Note: fc py typically with chl+/-epidote;

**29.26 – 30.03** – Granodiorite dike; coarse grained, leucocratic massive dike; includes some xenoliths, some brecciation; 2% fc py; UC unclear; LC sharp @ 67° TCA;

**30.83 – 31.10** – leucocratic med to coarse grained intrusive dike; tr diss py; UC fuzzy; LC sharp @ 72° TCA;

**33.46 – 34.04** – Granodiorite/Qtz Monzonite; coarse grained mesocratic intrusive rock; 7% chloritized mafics; <1% fc/diss py; LC irregular;

**34.04 – 51.82** **SYENITE PORPHYRY** (same as at bottom of PF08-12)

Med grey to brick red orthoclase porphyry; massive; grey coloured near UC with fine to aphanitic groundmass becoming slightly coarser grained away from contact and grading to distinctive brick reddish colour; From 34.04 – 42.25 – predominantly grey coloured, from 42.25 – 51.82 – predominantly orange/red; grey coloure near upper contact due to sericite/chlorite; moderate to weak interstitial calcite, strong towards upper contact; 1-2% fc calcite; weak fc chlorite; tr diss py; weakly mt;

END OF HOLE.

# DRILL LOG HOLE # PF08-14

**LOCATION GPS NAD 83**
**EASTING: 397024.5** **AZIMUTH: 290** **DATE START: Oct.16, 2008**
**NORTHING: 5449678.5** **DIP: -60** **DATE COMPLETE: Oct. 16, 2008**
**ELEVATION:** **TOTAL DEPTH: 53.64** **LOGGED BY: B. AUGSTEN**

**0 – 2.90** **OVERBURDEN**

**2.90 – 15.76** **MAFIC VOLCANICS**
Dark green to grey to buff volcanic with 5-7% small irregularly shaped, chloritized, mafic phenocrysts (augites?); LC unclear due to broken core.
**Alteration**: Overall mod to strongly chloritized; overprinted by a patchy lt grey to buff wash, sericite and carbonate; overall rock has mod to strong pervasive calcite; 2-3% fc/veinlet calcite; patchy skarn – locally see orange/brown garnet, eg. 10.8m; minor fc epidote usually accompanied by py – sometimes with pale pinkish/grey halos/envelopes to 0.5cm (kspar? +/- albite?);
**Sulphides**: 2-3% diss py, 2-3% fc/blebby/massive py; <0.5% diss po, locally massive po ; tr fc/diss cpy;
**@ 10.43** – 10cm section of massive po with coarse clots of py; 0.5% interstitial cpy in a strongly chloritized volcanic; also strong coarse grained interstitial magnetite;
**10.30 – 10.97** – rock is strongly mineralized including massive sulphide as described above; bleaching, skarning; some 'crackle' breccia;
**13.37 – 13.60** – leucocratic 'pegmatitic' dike; qtz-fsp; UC@ 50° TCA; LC @ 63° TCA;

**15.76 – 16.97** **MASSIVE SULPHIDES**
Massive lens of po, py with minor interstitial cpy; no bedding; 50% po, 15-20% py, <1% cpy; this is a replacement stype mineralization occurring at the contact between mafic volcancis and granodiorite; LC relatively abrupt but very irregular with small tongues/fingers of sulphide replacement of the underlying intrusive
Note: drill encountered a cave with rods dropping 0.3m; possible old working;

**16.97 – 17.90** **GRANODIORITE/QUARTZ MONZONITE**
Coarse grained leucocratic intrusive; strongly sericitized; massive; strongly fx'd with chlorite +/- suphides on fxs; LC sharp @ 60° TCA;
Sulphides: 5% po, 1% cpy, 3-5% py; cpy occurs as fine grains in fxs; Po and py occur in two massive sulphide lenses, 5 & 15cm respectively;

**17.980 – 19.43** **CROWDED FELDSPAR PORPHYRY**
Crowded feldspar porphyry; 20-25% equant subhedral fsps to 3mmx3mm in a pinkish/grey 'glassy' groundmass; mod to strong pervasive calcite; UC marked by 2cm qtz vein with strong fc chlorite + py peripheral to vein; CFP cut by 2 decimeter scale granodiorite dikes; LC @ 59° TCA;
Sulphides: 2-3% diss/blebby py; 1-2% fc py;

**19.43 – 24.07** **GRANODIORITE/QTZ MONZONITE**
Leucocratic massive intrusive rock; weak to mod sericite; weak interstitial calcite; mod fc calcite; 5% chloritized mafics; 1% diss/fc py;

**24.07 – 34.07** **SYENITE PORPHYRY**
Grey to brick red/orange fine grained syenite; strong fc chlorite to about 30m; strongly sericitized to about 30m; mod to strong interstitial calcite; tr diss py;

| | |
|---|---|
| **34.07 – 47.05** | **CROWDED FELDSPAR PORPHYRY** (as previous)<br>15-20% equant subhedral fsps set in a lt to med grey to faint purplish/grey 'glassy' groundmass; strong patchy pervasive calcite; 3% fc calcite; mod fc chlorite; LC abrupt but unclear due to rubble.<br>**Sulphides**: Py occurs as 1-2% fg diss and also prominently as fc mineralization usually with chlorite in narrow, 1-3mm fxs; also see massive to semi-massive py, po in several 'cm' scale zones with strong black chlorite and one larger section<br>**@ 40.35 – 40.80**; this zone also contains interstitial magnetite; zone has bounding contacts @ about 40° TCA with strong black chlorite and strong fc sulphides as envelopes; 2-4% fc py, <1% fc po, tr to <0.3% fc/diss;<br>**@ 42.0** low angle (5° ), chloritized breccia fault<br>**37.2 – 37.58 –** med green/grey aphanitic, massive dike (weakly porphyritic; possible fine grained equivalent to syenite porphyry; non-magnetic; mod interstitial calcite; UC @60° TCA; LC @ 39° TCA;<br>**37.98 – 38.40** - med green/grey aphanitic, massive dike (weakly porphyritic; possible fine grained equivalent to syenite porphyry; non-magnetic; mod interstitial calcite; UC @43° TCA; LC @ 59° TCA; |
| **47.05 – 49.78** | **GRANODIORITE/QUARTZ MONZONITE**<br>Coarse grained, strongly sericitized massive leucocratic intrusive; strong fc chlorite; 1-2% diss/fc magnetite; 1-2% diss/fc py; LC sharp @ 75° TCA; |
| **49.78 – 53.64** | **CROWDED FELDSPAR PORPHYRY** (as previous)<br>Texture clearer due to weaker alteration; 20-25% equant to tabular fsps in a fg fsp-rich groundmass; fsps weakly sericitized; massive; strong pervasive/interstitial calcite; minor hematite on fxs; 1% diss/fc py; |

**END OF HOLE**.

# DRILL LOG HOLE # PF08-15

**LOCATION GPS NAD 83**
**EASTING: 397022** **AZIMUTH: 180** **DATE START: Oct.16, 2008**
**NORTHING: 5449680** **DIP: -45** **DATE COMPLETE: Oct. 16, 2008**
**ELEVATION:** **TOTAL DEPTH: 53.64** **LOGGED BY: B. AUGSTEN**

**0 – 3.05** **OVERBURDEN (CASING TO 3.66)**

**3.05 – 5.50** **MAFIC VOLCANICS**
Dark grey, massive, hornblende porphyritic with 5-7% small black chloritized phenos, mostly irregularly shaped but some tabular phenos to 5mmx0.5mm; non-mt; weak fc limonite; local small patches of garnet (gt); strong pervasive calcite imparting a lighter grey/beige wash; 1-2% fc calcite; LC @ 52° TCA;
Sulphides: 2% diss py; 1-2% fc py with chl +/- epidote;

**5.50 – 9.90** **GRANODIORITE/QTZ MONZONITE**
Coarse grained leucocratic intrusive rock; weak to mod fc oxidation as limonite; weak fc/interstitial calcite; weak to moderate sericite at LC; weak fc chlorite; non-mt; LC @ 43° TCA;
Sulphides: 1-2% diss py; 1% fc py; tr fc cpy near LC

**9.90 – 11.09** **MAFIC VOLCANICS (ALTERED)**
Intensely altered equivalent to volcanics at top of hole; rock now has a med grey/purplish-grey colour; strong pervasive calcite; 2% fc calcite; minor spotty/blebby epidote; LC marked by increase in pervasive chlorite creating a black coloured rock and increase in diss/fc py; LC sharp @ 47° TCA;
Sulphides: 3% diss/blebby py; tr cpy

**11.09 – 12.00** **MASSIVE SULPHIDES**
This is a massive sulphide replacement zone consisting of massive to semi-massive to heavy fracture controlled (fc) py+po with interstitial cpy; gangue to sulphides is siliceous grey quartz 'vein' appearing material; weak fc calcite; weak to mod fc chlorite; some magnetite at contacts intergrown with sulphides; LC @65° TCA but somewhat irregular and hard to define;
Sulphides: 30% Po, 20% Py, 3% Cpy

**12.00 – 16.78** **CROWDED FELDSPAR PORPHYRY (DIORITE)**
Crowded feldspar porphyry as seen before; 25-30% equant fsps; strong fc chlorite + py +/- epidote to 13.06m with abrupt drop off in black chlorite; entire unit has strong pervasive/interstitial calcite and 1-2% fc calcite; massive; locally oxidation as fc limonite;
**12.00 – 13.07** – dk grey to blackish colour due to strong chlorite; weak fc epidote with py+chl; sulphide fxs @ 60-80° TCA;
Sulphides: 5-7% fc py; <1% fc cpy;
**13.07 – 16.78** – lighter grey/purplish grey was with porphyritic texture more evident; weaker fc chlorite;
Sulphides: 1-2% diss py; 1% fc py; tr cpy;

**16.78 – 26.24** **SYENITE PORPHRY**
Grey to orange/red, fg, orthoclase porphyry; weak interstitial calcite; chloritized mafics; strong sericitization near UC and diminishing gradually downhole; LC sharp @ 78° TCA;
Sulphides: tr diss py;

**26.24 – 38.65** **QUARTZ MONZONITE**
Coarse grained massive intrusive rock; faint orange colour; 5-7% chloritized mafics; mod fc chlorite; weakly sericitized; rare quartz veinlets @ 35-41° TCA from 0.5cm to 8cm; veinlets have py on selvages and as fc within veinlets; these are white med grained quartz; LC very irregular;
Sulphides: 2% diss py; <1% fc py
**35.30 – 38.65** – intrusive becomes xenolith-rich (30%); xenoliths are a dk green/grey fg diorite?

**38.65 – 53.64** **FRAGMENTAL**

Heterogeneous polylithic fragmental rock; clast composition masked somewhat by alteration but clast types include fg felsic intrusive rocks, fsp-porphryitic clasts and fine to aphanitic clasts (volc?,seds?); overall colour pale to med grey to pale green; unit is cut by several decimetre-scale 'gd' dikes;

Alteration: weak to strong interstitial/pervasive calcite; 1-2% fc calcite; local patchy pervasive epidote; minor fc epidote; chlorite on fxs; strong pervasive sericite; minor fc garnet;

Sulphides: 2-3% very fg diss py; <1% very fg diss po; <1% fc py; tr diss/fc cpy;

- see rare qtz veinlets, <5mm, with py, eg @ 44.80m, 3-4mm veinlet @ 68° TCA;

**49.3 – 50.3** – shearing/faulting @ 37° TCA;

**END OF HOLE**

# DRILL LOG HOLE # PF08-16

**LOCATION GPS NAD 83**
**EASTING: 396062** **AZIMUTH: 148** **DATE START: Oct.17, 2008**
**NORTHING: 5449224** **DIP: -45** **DATE COMPLETE: Oct. 18, 2008**
**ELEVATION:** **TOTAL DEPTH: 62.79** **LOGGED BY: B. AUGSTEN**

**0 – 0.61** **OVERBURDEN**

**0.61 – 32.80** **SILTSTONE** (calcareous)
Fine grained, med grey to purplish/brown hornfelsed qtz siltstone; massive to locally finely laminated/bedded; bedding @ 32-38° TCA; weak to mod fc oxidation as limonite to 32.80m; weak chlorite on fxs; much of the rock is strongly calcareous as strong pervasive/interstitial calcite; also rock cut by 2% fc/veinlet calcite; rare qtz veinlets (<2cm); patchy pervasive buff wash – sericite, carbonate; rock cut by several decimeter scale granodiorite dikes/sills as noted; LC sharp @ 25° TCA;
**Sulphides:** Overall 0.5 – 4% very fine grained pyrrhotite (po); <1% py in fxs/qtz veinlets; <0.5% diss py; tr moly, cpy, sph, aspy;
**@ 3.11** – 40cm coarse grained granodiorite dike – mostly rubble; contacts unclear;
**3.98 – 4.97** – coarse grained granodiorite dike; massive; tr fc py; UC unclear; LC @ 70° TA;
**@ 6.90** – 2cm massive py veinlet @ 90° TCA with another 1-3mm py vein @ 22° TCA; envelopes to veins mottled/bleached with pinkish alteration(kspar?)
**@ 10.45** – 7cm Granodiorite sill @ 28° TCA
**@ 11.74** – 11.96 – Pegmatite dike; qtz feldspar pegmatite; limonitic fxs; UC @ 49° TCA; LC @ 25° TCA;
**@ 15.75** – 1.5cm qtz veinlet @ 33° TCA with tr moly,cpy, py; bleached, sericitized envelope to vein for 3cm;
**@ 16.90** – 1.5cm qtz/sericite?/calcite veinlet with coarse py, tr moly, aspy?, cpy, sph; strong bleaching peripheral to veinlet; veinlet @ 30° TCA;
**21.05 – 21.73** – **GRANODIORITE** – coarse grained massive leucocratic intrusive rock; mod to strongly sericitized; 5% chloritized mafics; cut by a 2cm hydrothermal breccia qtz-calcite-sericite vein @ 32° with fg diss py; 2% fc/diss py overall; UC @ 34° TCA; LC @ 23° and faulted; 21.36 – 21.73 – FAULT; brecciated with coarser py in fault matrix to 5-7%);
**24.21 – 24.85** – zone of stronger/heavier fc py; 3-4% py, tr moly, accompanied by 2° hydrothermal dk brown biotitef and pink fg pervasive kspar;
**@ 27.29** – series of py fxs over 4cm @ 70-82° TCA; partially oxidized to limonite;
@ **24.21 – 30.25** – generally stronger fracturing +/- py
@ **28.7 – 29.14** – Granodiorite dike; UC @ 87° TCA; LC @ 15° TCA;
**@ 29.84** – 7cm Granodiorite dike @ 50° TCA;
**@ 30.25** – 8mm py veinlet @ 67° TCA; marks the lower end of strong fracturing;

**32.80 – 37.53** **GRANODIORITE/QUARTZ MONZONITE**
Coarse grained leucocratic rock with 7-10% biotite (partially chloritized); non-magnetic; massive; weakly sericitized; <1% diss po; LC sharp @ 59° TCA;

**37.53 – 62.79** **POLYLITHIC FRAGMENTAL** (BRECCIA?)

Heterolithic fragmental/breccia with decimeter scale clasts but high variabilility in clast size from <1cm to 10cm; clast composition highly variable from med grained felsic intrusive calsts, feldspar porphyry clasts to fine grained to aphanitic clasts (seds/volcanics), to clast of mafic flows; clasts are generally subrounded with rare angular clasts; often see irregular clast boundaries; unit characterized by a high degree of heterogeneity; overall colour a med grey to buff to med green; cut by several decimeter scale granodiorite dikes;

Alteration: overall this rock is less altered than fragmental seen in Pathfinder area; but same rock; weak fc chlorite; mod to strong patchy pervasive calcite; 2-3% fc/interstitial calcite; rare pervasive epidote (clast specific); minor fc epidote; weak to mod pervasive sericite; Note: where less carbonate altered rock has been weakly to moderately biotite hornfelsed.

Sulphides: 1-3% diss/blebby py; <1% fc py; overall <1% fc po, locally 1-2% fc po; 1% diss po; Note: po more prevalent near UC and then sulphides become pyrite dominant

# DRILL LOG HOLE # PF08-17

**LOCATION GPS NAD 83**
**EASTING: 396062** **AZIMUTH: 148** **DATE START: Oct.18, 2008**
**NORTHING: 5449224** **DIP: -60** **DATE COMPLETE: Oct. 18, 2008**
**ELEVATION:** **TOTAL DEPTH: 44.81** **LOGGED BY: B. AUGSTEN**

**0 – 1.22** **OVERBURDEN/CASING**

**1.22 – 28.91** **SILTSTONE**(calcareous)
Fine grained, buff to grey to purplish-grey (hornfelsed), massive to locally bedded; includes intercalated tuffaceous lenses as darker green fine grained rocks grading into/out of more qtz rich siltstone; bedding @ 28 – 42° TCA; cut by several small 'decimeter' scale granodiorite dikes; LC sharp @ 40° TCA;
**Alteration**: qtz siltstone has been biotite hornfelsed imparting the typical purplish/brown hornfels colour; overprinted by buff to grey pervasive irregular washes (sericite + calcite); overall rock is mod to strongly calcareous; also cut by 2-3% fc/veinlet calcite; locally weak chlorite as a darker green colour possibly reflecting a more tuffaceous component to siltstone; fc oxidation as limonite to LC.
**Sulphides**: Pyrite - <1 – 4% diss py, <1% fc py overall; Pyrrhotite - <0.5 – 3% diss po, <0.5% fc po

**14.68 – 14.85 FAULT**: brecciated fault with hydrothermal qtz; 5-7% matrix py; UC @ 35°, LC @ 43°; some limonite on fxs;

**19.54 – 23.94** – strong fracturing with well-developed limonite on fxs; generally poor core recovery as a result.
**@ 23** – 2cm qtz-calcite-chl-py vein @ 42° TCA;

**28.91 – 40.26** **GRANODIORITE/QTZ MONZONITE**
Medium to coarse grained, leucocratic to mesocratic, massive intrusive rock; mod to strongly sericitized; strong chlorite on fxs and as chloritization of mafics (7-8% chlorite after biotite); see 2° biotite as a light to med brown biotite after chloritized mafics?; strong fracturing/shearing throughout with low angles (0 – 10° ); locally weak clay alteration of fsps; mod fc limonite to 38m. weak to mod fc/interstitial calcite; non-magnetic; LC faulted/brecciated and very irregular;
**Sulphides**: trace to 2% diss py; tr to <0.5% fc py; rare py-calcite +/- qtz veinlets; pyrite content picks up to LC coincident with stronger shearing/faulting from 36 to 40.26m;

**40.26 – 43.72** **FRAGMENTAL**
Strongly altered, fx'd polylithic fragmental as seen in bottom of PF08-16; includes multiple injections of qtz monzonite; strong fc chlorite; mod to strong pervasive calcite; <1% fc calcite; LC @ 36° TCA but preceeded by several irregular dikes/sills of granodiorite/qtz monzonite;
Sulphides: 2-3% fc py; <1% diss py;

**43.72 – 44.90** **QUARTZ MONZONITE**
As previous; less fx'd/sheared; more competent; tr diss py;

**END OF HOLE**.

# APPENDIX III – COMPLETE ANALYSES

25-Nov-08

**Alex Stewart Geochemical**
**ECO TECH LABORATORY LTD.**
10041 Dallas Drive
**KAMLOOPS, B.C.**
V2C 6T4

Phone: 250-573-5700
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**ICP CERTIFICATE OF ANALYSIS AK 2008- 1854**

**Kingsman Resources**
3177 Westmount Pl
**West Vancouver, BC**
V7V 3G4

*No. of samples received: 187*
*Sample Type: Core*
*Submitted by: Bernie Augsten*
*Project: Pathfinder*

***Values in ppm unless otherwise reported***

| Et #. | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppb | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Se ppm | Sr ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8R250001 | 1.2 | 1.10 | 14.6 | 4.5 | 2.30 | 2.69 | 0.14 | 23.5 | 88.5 | 908.30 | 8.60 | 5.2 | 15 | 0.01 | 16.0 | 0.21 | 443 | 54.73 | 0.241 | 58.8 | 1166.0 | 3.04 | 2.92 | 0.34 | 3.8 | 4.8 | 30.0 | 1.08 | 1.5 | 0.055 | 0.04 | 2.0 | 112 | 0.5 | 15.1 |
| 2 | 8R250002 | 1.0 | 0.94 | 19.7 | 2.5 | 2.60 | 2.16 | 0.17 | 17.4 | 99.5 | 560.20 | 6.71 | 4.1 | 15 | 0.02 | 24.5 | 0.20 | 232 | 78.85 | 0.254 | 61.9 | 1501.0 | 2.54 | 2.64 | 0.50 | 3.7 | 4.8 | 27.5 | 1.06 | 2.2 | 0.065 | 0.04 | 2.7 | 104 | 0.4 | 14.8 |
| 3 | 8R250003 | 1.4 | 1.42 | 27.1 | 6.5 | 3.60 | 3.52 | 0.22 | 26.1 | 209.5 | 620.30 | 8.31 | 5.6 | 15 | 0.04 | 19.5 | 0.24 | 382 | 105.80 | 0.428 | 76.0 | 1367.0 | 2.45 | 3.00 | 0.68 | 6.6 | 6.4 | 39.5 | 1.28 | 2.6 | 0.093 | 0.04 | 3.2 | 228 | 0.7 | 14.4 |
| 4 | 8R250004 | 2.4 | 1.24 | 19.5 | 5.0 | 2.86 | 1.58 | 0.25 | 21.3 | 92.5 | 750.20 | 7.30 | 4.3 | 15 | 0.02 | 16.0 | 0.24 | 235 | 141.00 | 0.347 | 66.0 | 1225.0 | 1.85 | 3.34 | 0.56 | 3.5 | 5.9 | 33.0 | 1.26 | 1.7 | 0.055 | 0.04 | 2.3 | 94 | 0.3 | 16.8 |
| 5 | 8R250005 | 0.9 | 0.36 | 227.2 | 20.5 | 0.06 | 0.18 | 0.05 | 7.1 | 16.5 | 31.61 | 2.67 | 1.9 | 3305 | 0.11 | 6.5 | 0.10 | 143 | 3.67 | 0.034 | 11.8 | 358.0 | 1.99 | 1.58 | 27.00 | 1.5 | 6.0 | 6.0 | 0.02 | 0.6 | 0.001 | 3.22 | 0.1 | 12 | 0.6 | 43.9 |
| 6 | 8R250006 | 1.6 | 1.16 | 18.8 | 7.0 | 3.16 | 1.80 | 0.21 | 31.2 | 130.5 | 925.20 | 10.23 | 5.6 | 40 | 0.03 | 28.0 | 0.28 | 322 | 93.44 | 0.244 | 90.3 | 1452.0 | 2.60 | 5.04 | 0.56 | 4.5 | 7.4 | 34.0 | 1.78 | 2.1 | 0.063 | 0.04 | 3.1 | 102 | 0.6 | 18.1 |
| 7 | 8R250007 | 0.9 | 0.59 | 10.6 | 1.5 | 2.32 | 3.18 | 0.12 | 25.6 | 110.5 | 607.00 | 7.45 | 4.2 | 20 | 0.01 | 21.5 | 0.31 | 327 | 25.90 | 0.095 | 67.0 | 1105.0 | 1.73 | 2.74 | 0.58 | 4.8 | 4.3 | 48.5 | 0.60 | 1.3 | 0.061 | 0.02 | 1.6 | 80 | 0.3 | 15.8 |
| 8 | 8R250008 | 0.8 | 0.43 | 8.8 | 3.0 | 2.14 | 1.66 | 0.14 | 25.3 | 87.0 | 567.30 | 6.59 | 3.3 | 15 | 0.02 | 33.0 | 0.21 | 175 | 56.37 | 0.136 | 78.4 | 1100.0 | 1.79 | 2.46 | 0.42 | 2.8 | 3.9 | 28.5 | 0.46 | 2.3 | 0.080 | 0.02 | 1.9 | 44 | 0.3 | 10.8 |
| 9 | 8R250009 | 0.8 | 0.97 | 18.0 | 4.5 | 1.78 | 3.37 | 0.11 | 17.3 | 80.5 | 514.90 | 7.46 | 5.0 | 15 | 0.02 | 25.5 | 0.41 | 494 | 13.22 | 0.121 | 61.7 | 1230.0 | 1.47 | 2.32 | 0.46 | 5.1 | 4.4 | 83.0 | 0.52 | 3.7 | 0.058 | 0.02 | 2.9 | 80 | 0.3 | 21.1 |
| 10 | 8R250010 | 0.8 | 1.32 | 16.2 | 2.5 | 1.76 | 4.89 | 0.20 | 17.1 | 112.0 | 499.90 | 8.78 | 7.3 | 15 | 0.02 | 29.5 | 0.42 | 721 | 77.42 | 0.204 | 70.0 | 1435.0 | 8.78 | 2.36 | 0.48 | 4.8 | 5.5 | 49.5 | 0.48 | 1.9 | 0.064 | 0.02 | 2.9 | 142 | 0.5 | 22.3 |
| 11 | 8R250011 DUP | 0.8 | 1.36 | 15.3 | 3.0 | 1.82 | 4.68 | 0.21 | 17.1 | 150.0 | 490.10 | 8.99 | 6.8 | 15 | 0.02 | 27.0 | 0.41 | 682 | 70.72 | 0.219 | 69.0 | 1329.0 | 7.92 | 2.44 | 0.46 | 4.7 | 5.1 | 46.0 | 0.48 | 1.9 | 0.068 | 0.02 | 3.0 | 144 | 0.4 | 22.4 |
| 12 | 8R250012 | 0.7 | 1.97 | 21.8 | 5.5 | 1.18 | 6.44 | 0.22 | 14.8 | 153.5 | 399.90 | 8.42 | 7.8 | 20 | 0.02 | 34.0 | 0.46 | 1002 | 89.39 | 0.367 | 62.1 | 1610.0 | 2.13 | 2.10 | 0.56 | 6.2 | 3.9 | 68.5 | 0.34 | 2.6 | 0.068 | 0.02 | 3.8 | 188 | 0.5 | 25.2 |
| 13 | 8R250013 | 0.6 | 1.31 | 15.1 | 4.0 | 1.02 | 4.96 | 0.28 | 14.1 | 113.0 | 408.80 | 7.74 | 6.9 | 15 | 0.03 | 34.5 | 0.33 | 818 | 154.90 | 0.174 | 40.2 | 1426.0 | 2.41 | 1.94 | 0.34 | 4.8 | 3.8 | 38.0 | 0.30 | 3.5 | 0.049 | 0.02 | 4.1 | 118 | 1.9 | 23.0 |
| 14 | 8R250014 | 1.0 | 1.78 | 19.7 | 4.0 | 1.74 | 4.21 | 0.49 | 24.6 | 129.0 | 598.40 | 9.29 | 6.9 | 20 | 0.02 | 53.5 | 0.52 | 606 | 359.80 | 0.312 | 46.7 | 1587.0 | 2.54 | 2.60 | 0.38 | 4.8 | 4.4 | 69.0 | 0.52 | 1.4 | 0.047 | 0.02 | 3.1 | 116 | 1.5 | 30.7 |
| 15 | 8R250015 | 1.0 | 1.45 | 28.3 | 1.5 | 1.18 | 7.83 | 0.35 | 19.0 | 139.0 | 548.60 | 9.81 | 8.9 | 20 | <0.01 | 38.0 | 0.41 | 1190 | 162.50 | 0.052 | 38.9 | 1736.0 | 2.31 | 1.82 | 0.50 | 4.7 | 5.1 | 68.0 | 0.34 | 2.6 | 0.050 | 0.02 | 4.7 | 184 | 1.0 | 36.7 |
| 16 | 8R250016 | 1.2 | 1.47 | 18.4 | 1.5 | 1.20 | 6.46 | 0.32 | 22.4 | 138.5 | 632.10 | 10.28 | 7.7 | 15 | <0.01 | 30.0 | 0.41 | 1134 | 159.30 | 0.054 | 41.8 | 1494.0 | 1.86 | 2.08 | 0.36 | 4.9 | 6.1 | 50.0 | 0.48 | 2.6 | 0.049 | 0.04 | 4.3 | 170 | 0.9 | 33.4 |
| 17 | 8R250017 | 0.2 | 1.45 | 4.4 | 90.5 | 0.10 | 0.85 | 0.08 | 7.5 | 30.5 | 35.61 | 3.33 | 5.3 | 35 | 0.07 | 4.0 | 0.78 | 561 | 4.67 | 0.112 | 19.6 | 609.0 | 3.25 | 0.06 | 0.62 | 4.1 | 0.3 | 39.5 | 0.02 | 1.2 | 0.084 | 0.06 | 0.3 | 56 | 0.2 | 42.1 |
| 18 | 8R250018 | 0.4 | 0.43 | 6.2 | 6.0 | 0.30 | 1.36 | 0.07 | 5.1 | 58.0 | 85.38 | 2.18 | 4.1 | 15 | 0.06 | 30.0 | 0.19 | 254 | 7.21 | 0.070 | 7.7 | 278.0 | 2.97 | 0.68 | 0.20 | 9.3 | 1.8 | 26.0 | 0.10 | 5.7 | 0.030 | 0.04 | 1.6 | 10 | 0.2 | 12.6 |
| 19 | 8R250019 | 0.2 | 0.67 | 20.0 | 6.5 | 0.22 | 1.74 | 0.06 | 3.1 | 51.0 | 50.75 | 2.79 | 6.4 | 50 | 0.08 | 22.5 | 0.20 | 287 | 5.59 | 0.071 | 5.8 | 193.0 | 4.25 | 0.64 | 1.00 | 6.9 | 1.5 | 30.5 | 0.08 | 6.2 | 0.028 | 0.12 | 2.1 | 12 | 0.3 | 19.7 |
| 20 | 8R250020 | 0.1 | 0.87 | 7.1 | 6.0 | 0.24 | 1.37 | 0.06 | 2.4 | 55.0 | 24.49 | 2.99 | 8.2 | 15 | 0.07 | 28.0 | 0.22 | 334 | 9.27 | 0.076 | 2.7 | 213.0 | 69.09 | 0.34 | 0.46 | 10.1 | 1.3 | 19.0 | 0.04 | 7.8 | 0.032 | 0.08 | 3.1 | 8 | 0.2 | 30.6 |
| 21 | 8R250021 | 0.7 | 2.00 | 22.3 | 5.5 | 1.20 | 6.63 | 0.20 | 15.6 | 160.0 | 407.50 | 8.63 | 7.9 | 15 | 0.02 | 34.5 | 0.46 | 999 | 90.41 | 0.380 | 65.2 | 1650.0 | 3.42 | 2.16 | 0.60 | 6.5 | 4.0 | 71.5 | 0.30 | 2.7 | 0.069 | 0.02 | 3.9 | 196 | 0.5 | 25.7 |
| 22 | 8R250022 | 0.2 | 1.52 | 5.2 | 38.5 | 0.14 | 2.02 | 0.24 | 8.2 | 54.0 | 64.99 | 4.35 | 7.7 | 15 | 0.14 | 9.5 | 1.14 | 638 | 5.37 | 0.063 | 6.8 | 749.0 | 3.78 | 0.46 | 0.32 | 8.2 | 0.5 | 42.5 | 0.10 | 3.4 | 0.072 | 0.14 | 1.4 | 100 | 0.1 | 46.3 |
| 23 | 8R250023 | 0.5 | 2.08 | 28.9 | 41.0 | 0.52 | 2.26 | 0.10 | 58.0 | 82.5 | 154.10 | 9.02 | 11.8 | 10 | 0.13 | 14.5 | 1.36 | 872 | 10.96 | 0.079 | 13.8 | 714.0 | 3.59 | 2.16 | 1.60 | 10.2 | 2.6 | 54.0 | 0.42 | 4.7 | 0.098 | 0.24 | 1.2 | 100 | 0.3 | 69.0 |
| 24 | 8R250024 | 0.4 | 1.01 | 5.1 | 24.0 | 0.22 | 1.85 | 0.12 | 5.7 | 73.0 | 30.74 | 3.19 | 6.4 | 15 | 0.07 | 17.0 | 0.83 | 287 | 4.75 | 0.086 | 3.7 | 1000.0 | 144.30 | 0.88 | 0.36 | 6.3 | 0.7 | 54.0 | 0.26 | 6.4 | 0.064 | 0.08 | 1.7 | 60 | 0.2 | 24.0 |
| 25 | 8R250025 | 0.3 | 0.95 | 9.5 | 20.0 | 0.20 | 2.73 | 0.11 | 5.7 | 48.5 | 36.90 | 2.92 | 5.2 | 15 | 0.07 | 15.5 | 0.71 | 354 | 2.69 | 0.056 | 2.6 | 913.0 | 3.95 | 1.08 | 0.64 | 4.6 | 0.7 | 62.5 | 0.16 | 6.5 | 0.041 | 0.18 | 1.5 | 44 | 0.8 | 27.1 |
| 26 | 8R250026 | 0.2 | 1.01 | 4.3 | 30.0 | 0.12 | 1.91 | 0.08 | 5.3 | 110.5 | 20.04 | 3.08 | 5.5 | 15 | 0.08 | 15.0 | 0.80 | 304 | 4.82 | 0.087 | 3.8 | 1016.0 | 3.37 | 1.04 | 0.40 | 6.1 | 0.5 | 63.5 | 0.08 | 7.4 | 0.079 | 0.14 | 1.7 | 56 | 0.7 | 25.1 |
| 27 | 8R250027 | 6.4 | 0.26 | 409.3 | 22.0 | 0.02 | 0.11 | 0.08 | 19.9 | 1072.0 | 55.61 | 3.02 | 1.4 | 7650 | 0.09 | 6.0 | 0.06 | 225 | 17.45 | 0.031 | 887.5 | 265.0 | 3.44 | 1.66 | 77.04 | 1.2 | 19.7 | 5.0 | <0.02 | 0.7 | 0.001 | 9.54 | 0.1 | 12 | 4.9 | 34.8 |
| 28 | 8R250028 | 0.1 | 1.05 | 1235.0 | 23.5 | 0.10 | 2.64 | 0.08 | 4.9 | 108.5 | 15.36 | 2.88 | 5.2 | 40 | 0.10 | 16.5 | 0.62 | 276 | 3.51 | 0.055 | 4.2 | 950.0 | 4.18 | 0.98 | 7.34 | 5.1 | 0.6 | 97.0 | 0.08 | 7.3 | 0.051 | 0.16 | 2.8 | 38 | 0.7 | 23.9 |
| 29 | 8R250029 | 0.2 | 1.06 | 24.7 | 19.5 | 0.12 | 1.76 | 0.06 | 4.8 | 76.5 | 14.34 | 2.97 | 6.1 | 25 | 0.06 | 16.5 | 0.75 | 250 | 2.84 | 0.065 | 3.0 | 887.0 | 35.24 | 0.86 | 1.02 | 5.3 | 0.6 | 65.5 | 0.06 | 8.1 | 0.067 | 0.12 | 2.8 | 50 | 0.7 | 22.8 |
| 30 | 8R250030 | 0.8 | 1.13 | 11.7 | 24.0 | 1.14 | 2.24 | 0.11 | 5.4 | 84.5 | 114.10 | 3.07 | 5.9 | 20 | 0.10 | 16.5 | 0.85 | 377 | 2.57 | 0.080 | 3.9 | 999.0 | 2.17 | 0.98 | 1.30 | 5.8 | 1.4 | 49.0 | 0.64 | 6.2 | 0.070 | 0.14 | 1.6 | 60 | 1.8 | 43.7 |

**Alex Stewart Geochemical**
**ECO TECH LABORATORY LTD.** **ICP CERTIFICATE OF ANALYSIS AK 2008- 1854** **Kingsman Resources**

| Et #. | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppb | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Se ppm | Sr ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 8R250031 | 0.5 | 1.18 | 13.4 | 17.5 | 0.60 | 2.77 | 0.28 | 5.7 | 49.5 | 34.84 | 2.95 | 6.1 | 15 | 0.07 | 15.0 | 0.76 | 398 | 3.15 | 0.046 | 4.4 | 935.0 | 2.88 | 0.56 | 1.26 | 4.5 | 0.7 | 63.0 | 0.22 | 6.8 | 0.048 | 0.10 | 1.9 | 56 | 0.8 | 50.3 |
| 32 | 8R250032 | 0.6 | 1.27 | 11.1 | 20.5 | 0.60 | 2.65 | 0.10 | 4.1 | 71.0 | 33.80 | 2.81 | 6.7 | 15 | 0.09 | 18.0 | 0.81 | 381 | 5.99 | 0.056 | 3.0 | 891.0 | 3.64 | 0.38 | 0.98 | 3.5 | 0.7 | 68.5 | 0.18 | 7.6 | 0.024 | 0.10 | 2.8 | 48 | 0.5 | 43.3 |
| 33 | 8R250033 DUP | 0.3 | 1.24 | 13.9 | 17.5 | 0.70 | 2.66 | 0.10 | 4.7 | 64.0 | 36.96 | 2.92 | 6.7 | 15 | 0.07 | 19.0 | 0.82 | 376 | 6.91 | 0.048 | 2.4 | 901.0 | 4.45 | 0.44 | 1.18 | 3.6 | 0.8 | 67.5 | 0.22 | 9.2 | 0.028 | 0.10 | 2.8 | 48 | 0.5 | 42.6 |
| 34 | 8R250034 | 0.3 | 1.22 | 19.3 | 21.5 | 0.64 | 2.10 | 0.07 | 6.2 | 95.5 | 39.09 | 3.04 | 6.5 | 20 | 0.07 | 18.0 | 0.88 | 326 | 2.74 | 0.093 | 4.0 | 1068.0 | 2.97 | 0.92 | 1.10 | 6.1 | 1.4 | 57.5 | 0.20 | 7.2 | 0.076 | 0.10 | 1.9 | 64 | 0.7 | 32.3 |
| 35 | 8R250035 | 0.2 | 1.32 | 17.4 | 11.5 | 0.66 | 3.45 | 0.07 | 4.2 | 63.0 | 45.73 | 2.85 | 7.1 | 15 | 0.05 | 16.0 | 1.05 | 383 | 3.37 | 0.069 | 3.5 | 1026.0 | 47.32 | 0.60 | 0.90 | 5.7 | 1.3 | 80.0 | 0.12 | 6.9 | 0.057 | 0.06 | 1.7 | 60 | 0.7 | 28.7 |
| 36 | 8R250036 | 0.2 | 1.19 | 12.3 | 20.0 | 0.34 | 1.95 | 0.05 | 4.2 | 55.0 | 21.47 | 2.86 | 6.7 | 15 | 0.06 | 13.5 | 0.91 | 303 | 1.91 | 0.067 | 2.5 | 1004.0 | 3.89 | 0.56 | 0.80 | 6.6 | 0.8 | 51.0 | 0.10 | 5.5 | 0.079 | 0.10 | 1.5 | 68 | 0.5 | 32.0 |
| 37 | 8R250037 | 0.2 | 1.39 | 11.4 | 20.0 | 0.36 | 1.86 | 0.05 | 5.5 | 69.0 | 24.86 | 3.34 | 7.8 | 15 | 0.06 | 16.0 | 0.96 | 308 | 1.53 | 0.072 | 3.2 | 975.0 | 3.09 | 0.72 | 0.86 | 6.3 | 0.9 | 56.0 | 0.12 | 6.3 | 0.097 | 0.08 | 1.6 | 70 | 0.8 | 34.0 |
| 38 | 8R250038 | 0.2 | 1.17 | 13.1 | 17.0 | 0.44 | 1.86 | 0.04 | 4.4 | 55.5 | 27.53 | 2.84 | 6.5 | 15 | 0.05 | 14.5 | 0.88 | 271 | 2.47 | 0.064 | 3.0 | 945.0 | 2.87 | 0.72 | 1.12 | 6.6 | 1.0 | 53.0 | 0.16 | 6.2 | 0.081 | 0.06 | 2.3 | 62 | 0.8 | 27.4 |
| 39 | 8R250039 | 0.2 | 1.38 | 4.0 | 84.0 | 0.04 | 0.82 | 0.08 | 6.7 | 33.5 | 33.09 | 3.17 | 4.6 | 40 | 0.06 | 4.0 | 0.77 | 521 | 4.04 | 0.106 | 19.9 | 592.0 | 4.28 | 0.04 | 0.60 | 4.8 | 0.3 | 39.5 | <0.02 | 1.2 | 0.085 | 0.04 | 0.2 | 50 | 0.3 | 42.6 |
| 40 | 8R250040 | 0.3 | 0.96 | 11.8 | 24.5 | 0.58 | 1.96 | 0.05 | 4.4 | 83.5 | 37.85 | 2.39 | 5.2 | 15 | 0.07 | 13.5 | 0.83 | 211 | 2.60 | 0.083 | 3.7 | 1123.0 | 4.10 | 0.84 | 1.08 | 7.0 | 1.1 | 49.5 | 0.16 | 4.9 | 0.084 | 0.06 | 1.2 | 62 | 1.2 | 23.6 |
| 41 | 8R250041 | 0.5 | 0.81 | 20.7 | 11.0 | 0.64 | 2.89 | 0.35 | 7.3 | 55.5 | 104.10 | 3.06 | 4.4 | 15 | 0.04 | 10.5 | 0.69 | 241 | 21.12 | 0.064 | 7.1 | 1025.0 | 3.48 | 1.86 | 1.66 | 6.0 | 1.8 | 61.5 | 0.18 | 5.8 | 0.059 | 0.06 | 1.3 | 50 | 1.2 | 27.6 |
| 42 | 8R250042 | 0.2 | 0.84 | 9.6 | 8.0 | 0.48 | 2.55 | 0.10 | 3.3 | 53.0 | 59.54 | 1.79 | 4.9 | 15 | 0.03 | 10.0 | 0.79 | 181 | 17.15 | 0.066 | 3.3 | 1076.0 | 4.83 | 0.80 | 0.62 | 8.1 | 1.0 | 60.5 | 0.08 | 5.5 | 0.071 | 0.02 | 1.4 | 68 | 1.3 | 16.5 |
| 43 | 8R250043 | 0.2 | 0.87 | 9.5 | 18.0 | 0.52 | 3.27 | 0.09 | 3.6 | 92.5 | 50.62 | 1.90 | 5.3 | 15 | 0.05 | 16.5 | 0.88 | 217 | 3.37 | 0.087 | 4.3 | 1172.0 | 4.11 | 0.90 | 0.62 | 7.8 | 1.2 | 77.5 | 0.12 | 6.2 | 0.091 | 0.04 | 1.4 | 68 | 1.3 | 19.3 |
| 44 | 8R250044 | 0.2 | 1.12 | 13.4 | 18.0 | 0.42 | 3.34 | 0.09 | 3.9 | 84.5 | 50.22 | 2.27 | 6.8 | 15 | 0.05 | 20.0 | 0.97 | 258 | 2.31 | 0.075 | 3.4 | 1063.0 | 3.35 | 0.60 | 0.96 | 7.8 | 1.0 | 83.5 | 0.12 | 6.5 | 0.088 | 0.04 | 1.5 | 70 | 1.0 | 24.7 |
| 45 | 8R250045 | 0.1 | 1.90 | 3.2 | 132.5 | 0.06 | 1.19 | 0.09 | 25.9 | 1295.0 | 101.70 | 4.67 | 6.3 | 25 | 0.14 | 7.0 | 0.84 | 729 | 21.08 | 0.235 | 972.3 | 585.0 | 4.96 | 0.04 | 0.64 | 4.0 | 0.2 | 94.0 | <0.02 | 2.4 | 0.117 | 0.06 | 0.6 | 90 | 4.7 | 50.4 |
| 46 | 8R250046 | 0.3 | 0.97 | 18.1 | 8.5 | 0.42 | 3.82 | 0.07 | 2.7 | 55.0 | 69.26 | 1.71 | 6.0 | 15 | 0.03 | 18.5 | 0.95 | 271 | 1.49 | 0.079 | 3.1 | 1293.0 | 4.52 | 0.38 | 0.82 | 9.4 | 0.9 | 91.5 | 0.10 | 6.0 | 0.086 | 0.04 | 1.3 | 74 | 1.1 | 21.1 |
| 47 | 8R250047 | 0.3 | 0.75 | 22.8 | 10.5 | 0.38 | 3.09 | 0.08 | 3.4 | 81.5 | 63.38 | 1.36 | 4.4 | 15 | 0.04 | 15.5 | 0.79 | 240 | 2.14 | 0.096 | 3.7 | 1443.0 | 6.16 | 0.30 | 0.90 | 8.4 | 0.7 | 72.0 | 0.06 | 5.4 | 0.086 | 0.02 | 1.3 | 62 | 1.4 | 19.5 |
| 48 | 8R250048 | 0.3 | 0.69 | 13.8 | 10.0 | 0.28 | 2.71 | 0.09 | 1.9 | 82.0 | 38.77 | 1.10 | 3.9 | 15 | 0.04 | 15.0 | 0.71 | 236 | 8.61 | 0.120 | 3.8 | 1280.0 | 3.33 | 0.18 | 0.70 | 8.1 | 0.5 | 80.0 | 0.04 | 5.7 | 0.096 | <0.02 | 2.6 | 58 | 0.7 | 23.7 |
| 49 | 8R250049 | 0.2 | 0.56 | 12.6 | 3.5 | 0.30 | 2.80 | 0.09 | 4.1 | 43.5 | 97.26 | 1.39 | 3.5 | 15 | 0.01 | 9.0 | 0.62 | 209 | 5.17 | 0.081 | 3.1 | 1300.0 | 3.89 | 0.56 | 0.62 | 5.6 | 0.9 | 72.5 | 0.06 | 6.2 | 0.064 | <0.02 | 4.2 | 48 | 0.4 | 25.3 |
| 50 | 8R250050 | 0.2 | 0.45 | 11.0 | 5.0 | 0.26 | 2.16 | 0.08 | 3.4 | 50.0 | 54.45 | 0.85 | 2.7 | 20 | 0.02 | 9.0 | 0.48 | 139 | 2.64 | 0.088 | 2.6 | 1274.0 | 3.62 | 0.30 | 0.50 | 2.6 | 0.7 | 47.5 | 0.04 | 5.1 | 0.075 | <0.02 | 1.2 | 34 | 0.4 | 11.3 |
| 51 | 8R250051 DUP | 0.1 | 0.40 | 9.2 | 4.0 | 0.22 | 1.99 | 0.06 | 3.0 | 47.0 | 47.00 | 0.79 | 2.1 | 15 | 0.02 | 7.5 | 0.44 | 129 | 2.42 | 0.082 | 2.2 | 1244.0 | 3.38 | 0.26 | 0.42 | 2.3 | 0.5 | 44.0 | 0.04 | 4.6 | 0.072 | <0.02 | 1.0 | 30 | 0.4 | 9.6 |
| 52 | 8R250052 | 1.0 | 1.02 | 7.0 | 17.5 | 1.14 | 1.86 | 0.10 | 32.1 | 53.0 | 275.80 | 9.10 | 5.6 | 15 | 0.03 | 11.0 | 0.48 | 333 | 5.35 | 0.068 | 6.8 | 693.0 | 4.01 | 5.04 | 0.80 | 6.8 | 2.1 | 67.5 | 0.32 | 6.3 | 0.047 | 0.06 | 1.6 | 36 | 0.5 | 22.9 |
| 53 | 8R250053 | 0.2 | 0.60 | 10.0 | 10.5 | 0.22 | 2.82 | 0.09 | 1.4 | 93.5 | 35.80 | 0.92 | 3.6 | 15 | 0.04 | 9.5 | 0.59 | 198 | 8.24 | 0.147 | 3.4 | 1240.0 | 4.14 | 0.18 | 0.46 | 4.7 | 0.5 | 77.0 | 0.02 | 5.3 | 0.109 | <0.02 | 1.5 | 48 | 0.4 | 12.5 |
| 54 | 8R250054 | 0.4 | 0.85 | 6.6 | 32.0 | 0.48 | 2.28 | 0.08 | 8.5 | 62.0 | 53.44 | 3.05 | 4.6 | 15 | 0.06 | 11.5 | 0.64 | 318 | 2.84 | 0.103 | 4.8 | 872.0 | 3.46 | 1.42 | 0.58 | 7.3 | 0.6 | 72.5 | 0.12 | 3.8 | 0.074 | 0.06 | 1.1 | 46 | 0.4 | 23.3 |
| 55 | 8R250055 | 0.7 | 1.36 | 25.6 | 45.5 | 1.36 | 2.20 | 0.12 | 25.7 | 63.0 | 97.05 | 7.72 | 7.0 | 20 | 0.18 | 9.0 | 1.25 | 389 | 6.59 | 0.068 | 4.1 | 746.0 | 2.71 | 4.36 | 0.90 | 11.3 | 2.0 | 70.5 | 0.44 | 2.4 | 0.076 | 0.18 | 0.8 | 82 | 0.6 | 33.7 |
| 56 | 8R250056 | 0.3 | 1.25 | 6.0 | 43.0 | 0.58 | 5.27 | 0.12 | 5.9 | 45.0 | 16.71 | 3.56 | 6.2 | 15 | 0.11 | 6.0 | 1.27 | 673 | 2.90 | 0.063 | 2.4 | 970.0 | 5.68 | 1.08 | 0.34 | 10.9 | 0.4 | 144.0 | 0.18 | 1.1 | 0.069 | 0.10 | 0.5 | 84 | 0.6 | 40.7 |
| 57 | 8R250057 | 0.1 | 1.47 | 4.7 | 92.0 | 0.04 | 0.94 | 0.11 | 7.8 | 34.5 | 39.04 | 3.48 | 5.5 | 45 | 0.07 | 4.5 | 0.78 | 536 | 4.75 | 0.113 | 21.3 | 627.0 | 5.31 | 0.04 | 0.62 | 4.4 | 0.3 | 41.0 | <0.02 | 1.3 | 0.088 | 0.04 | 0.3 | 58 | 0.3 | 47.9 |
| 58 | 8R250058 | 0.8 | 1.05 | 3.1 | 80.5 | 0.68 | 3.31 | 0.05 | 3.8 | 45.5 | 6.04 | 2.92 | 6.0 | 20 | 0.15 | 3.5 | 1.09 | 370 | 1.35 | 0.062 | 2.4 | 974.0 | 17.28 | 1.04 | 0.20 | 5.8 | 0.3 | 97.0 | 0.16 | 0.7 | 0.083 | 0.10 | 0.5 | 70 | 1.2 | 25.4 |
| 59 | 8R250059 | 1.4 | 1.38 | 13.4 | 39.0 | 3.16 | 1.18 | 0.09 | 63.6 | 52.0 | 126.50 | 14.93 | 6.9 | 20 | 0.33 | 5.0 | 1.10 | 289 | 6.62 | 0.048 | 4.8 | 737.0 | 5.85 | 9.52 | 1.16 | 7.5 | 4.4 | 48.5 | 0.96 | 1.3 | 0.072 | 0.42 | 0.6 | 80 | 0.6 | 26.3 |
| 60 | 8R250060 | 0.4 | 1.59 | 7.2 | 90.0 | 0.90 | 3.05 | 0.51 | 9.2 | 69.0 | 19.18 | 4.71 | 7.8 | 20 | 0.31 | 4.0 | 1.62 | 539 | 2.65 | 0.080 | 3.4 | 1063.0 | 3.60 | 1.42 | 0.24 | 11.1 | 0.4 | 75.0 | 0.20 | 1.0 | 0.125 | 0.28 | 0.4 | 110 | 0.9 | 58.3 |
| 61 | 8R250061 | 0.4 | 0.90 | 10.3 | 41.5 | 0.78 | 2.64 | 0.10 | 4.6 | 32.0 | 33.49 | 3.67 | 5.1 | 15 | 0.13 | 4.0 | 0.82 | 379 | 1.89 | 0.070 | 2.4 | 956.0 | 5.77 | 1.52 | 0.42 | 6.0 | 0.6 | 58.5 | 0.26 | 0.8 | 0.061 | 0.12 | 0.3 | 72 | 0.6 | 26.3 |
| 62 | 8R250062 | 0.1 | 0.73 | 2.7 | 39.5 | 0.34 | 2.61 | 0.02 | 0.9 | 43.5 | 4.53 | 2.33 | 3.9 | 15 | 0.07 | 2.5 | 0.86 | 271 | 2.02 | 0.099 | 2.1 | 1001.0 | 22.85 | 0.26 | 0.26 | 5.1 | 0.2 | 59.5 | 0.08 | 0.7 | 0.081 | 0.02 | 0.4 | 68 | 0.5 | 17.0 |
| 63 | 8R250063 | 0.1 | 0.87 | 4.6 | 30.5 | 0.52 | 2.79 | 0.04 | 1.4 | 31.5 | 19.67 | 3.26 | 5.0 | 15 | 0.05 | 2.5 | 0.96 | 344 | 0.76 | 0.081 | 2.5 | 890.0 | 74.92 | 0.60 | 0.30 | 6.0 | 0.2 | 79.5 | 0.12 | 0.7 | 0.063 | 0.02 | 0.2 | 86 | 0.5 | 19.9 |
| 64 | 8R250064 | 0.2 | 1.49 | 7.8 | 51.0 | 0.74 | 4.68 | 0.08 | 3.7 | 48.5 | 22.43 | 4.40 | 7.9 | 15 | 0.13 | 3.5 | 1.59 | 597 | 1.55 | 0.057 | 3.3 | 901.0 | 5.75 | 0.86 | 0.36 | 13.0 | 0.3 | 154.5 | 0.14 | 0.9 | 0.068 | 0.10 | 0.5 | 120 | 0.6 | 35.3 |
| 65 | 8R250065 | 0.3 | 1.08 | 6.8 | 33.0 | 0.84 | 3.44 | 0.06 | 6.1 | 30.0 | 18.90 | 3.85 | 5.6 | 15 | 0.12 | 2.5 | 1.19 | 431 | 1.01 | 0.078 | 3.1 | 815.0 | 6.54 | 1.06 | 0.34 | 7.2 | 0.3 | 88.0 | 0.14 | 1.0 | 0.068 | 0.12 | 1.5 | 90 | 0.4 | 30.4 |
| 66 | 8R250066 | 0.2 | 0.70 | 3.9 | 19.0 | 0.56 | 3.06 | 0.04 | 2.3 | 32.0 | 16.24 | 3.74 | 4.5 | 15 | 0.04 | 2.0 | 0.71 | 367 | 0.93 | 0.078 | 2.7 | 884.0 | 3.67 | 0.94 | 0.40 | 4.8 | 0.2 | 100.0 | 0.10 | 0.5 | 0.055 | 0.04 | 0.5 | 74 | 0.3 | 13.8 |
| 67 | 8R250067 | 0.8 | 0.33 | 233.0 | 18.5 | 0.06 | 0.17 | 0.07 | 6.4 | 15.5 | 30.10 | 2.44 | 1.5 | 3385 | 0.10 | 6.0 | 0.09 | 135 | 3.68 | 0.030 | 10.9 | 338.0 | 2.13 | 1.66 | 26.98 | 1.3 | 5.7 | 6.0 | <0.02 | 0.6 | 0.001 | 2.98 | 0.1 | 10 | 0.8 | 46.7 |
| 68 | 8R250068 | 0.3 | 1.11 | 8.1 | 28.0 | 1.08 | 2.91 | 0.05 | 10.1 | 50.0 | 12.01 | 3.68 | 5.8 | 80 | 0.05 | 3.0 | 1.19 | 418 | 1.01 | 0.100 | 3.8 | 923.0 | 4.18 | 1.20 | 0.34 | 7.2 | 0.2 | 94.0 | 0.24 | 0.8 | 0.087 | 0.08 | 0.5 | 80 | 0.3 | 29.3 |
| 69 | 8R250069 | 0.1 | 0.94 | 9.6 | 27.0 | 1.14 | 2.47 | 0.04 | 10.7 | 52.0 | 5.07 | 3.65 | 4.5 | 35 | 0.05 | 3.0 | 1.02 | 322 | 1.71 | 0.093 | 3.8 | 908.0 | 2.44 | 1.38 | 0.38 | 5.3 | 0.2 | 76.5 | 0.30 | 0.9 | 0.078 | 0.06 | 1.0 | 68 | 0.2 | 17.3 |
| 70 | 8R250070 | 0.2 | 1.91 | 13.1 | 25.5 | 0.80 | 4.87 | 0.05 | 14.6 | 58.5 | 8.00 | 4.86 | 9.9 | 30 | 0.05 | 14.0 | 1.87 | 645 | 1.72 | 0.057 | 6.5 | 1318.0 | 2.10 | 0.98 | 0.66 | 10.6 | 0.4 | 144.0 | 0.22 | 1.4 | 0.073 | 0.06 | 0.5 | 116 | 0.5 | 45.6 |
| 71 | 8R250071 | 0.1 | 0.50 | 7.7 | 24.5 | 0.22 | 0.99 | 0.05 | 1.6 | 130.5 | 14.92 | 1.11 | 3.5 | 15 | 0.08 | 12.5 | 0.21 | 139 | 1.02 | 0.089 | 4.3 | 216.0 | 19.79 | 0.28 | 0.18 | 1.7 | 0.4 | 29.0 | 0.06 | 30.1 | 0.034 | 0.08 | 17.5 | 18 | 0.5 | 14.3 |
| 72 | 8R250072 | 0.1 | 0.97 | 11.8 | 44.0 | 1.48 | 2.45 | 0.04 | 14.9 | 75.5 | 5.94 | 4.19 | 4.6 | 20 | 0.06 | 3.0 | 1.01 | 313 | 1.14 | 0.115 | 3.8 | 917.0 | 3.55 | 2.38 | 0.30 | 10.6 | 0.2 | 83.0 | 0.32 | 1.6 | 0.095 | 0.14 | 0.6 | 88 | 0.6 | 18.4 |
| 73 | 8R250073 DUP | 0.1 | 1.07 | 12.5 | 51.0 | 1.60 | 2.58 | 0.03 | 15.8 | 93.0 | 7.20 | 4.32 | 4.9 | 15 | 0.08 | 3.0 | 1.04 | 329 | 1.47 | 0.127 | 5.4 | 922.0 | 4.14 | 2.50 | 0.32 | 11.6 | 0.3 | 87.5 | 0.32 | 1.2 | 0.101 | 0.12 | 0.9 | 96 | 0.5 | 18.9 |
| 74 | 8R250074 | 0.3 | 1.01 | 7.5 | 46.5 | 1.46 | 2.41 | 0.03 | 17.4 | 59.0 | 9.97 | 4.43 | 4.9 | 20 | 0.10 | 3.0 | 1.03 | 275 | 1.73 | 0.104 | 4.1 | 975.0 | 79.94 | 2.72 | 0.24 | 10.3 | 0.2 | 75.0 | 0.32 | 0.9 | 0.106 | 0.14 | 0.3 | 96 | 0.5 | 22.8 |
| 75 | 8R250075 | 0.1 | 0.84 | 3.6 | 43.5 | 0.94 | 2.13 | 0.05 | 17.7 | 37.0 | 5.16 | 3.79 | 4.7 | 15 | 0.08 | 2.5 | 0.87 | 232 | 0.56 | 0.103 | 3.7 | 902.0 | 91.34 | 2.26 | 0.44 | 4.5 | 0.2 | 88.0 | 0.20 | 0.6 | 0.086 | 0.12 | 0.4 | 70 | 0.4 | 16.3 |

| Et # | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppb | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Se ppm | Sr ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76 | 8R250076 | 0.2 | 1.01 | 5.5 | 63.5 | 0.68 | 3.43 | 0.04 | 9.1 | 56.0 | 3.36 | 3.35 | 5.7 | 15 | 0.07 | 3.0 | 0.93 | 373 | 0.69 | 0.103 | 3.0 | 873.0 | 16.97 | 1.20 | 0.30 | 12.0 | 0.2 | 132.5 | 0.12 | 1.6 | 0.079 | 0.08 | 0.9 | 98 | 0.5 | 18.8 |
| 77 | 8R250077 | 0.1 | 0.66 | 3.6 | 57.5 | 0.50 | 1.83 | 0.04 | 12.3 | 38.0 | 3.91 | 3.93 | 4.1 | 15 | 0.07 | 2.0 | 0.48 | 184 | 0.36 | 0.086 | 3.6 | 992.0 | 16.61 | 1.60 | 0.28 | 4.8 | 0.2 | 81.0 | 0.14 | 0.5 | 0.071 | 0.08 | 0.3 | 80 | 0.4 | 11.8 |
| 78 | 8R250078 | 0.2 | 0.82 | 5.4 | 64.0 | 0.74 | 2.40 | 0.05 | 15.6 | 47.0 | 3.67 | 3.38 | 3.9 | 15 | 0.09 | 2.5 | 0.66 | 257 | 0.85 | 0.095 | 3.5 | 986.0 | 8.99 | 1.66 | 0.26 | 6.3 | 0.2 | 86.0 | 0.22 | 0.5 | 0.072 | 0.08 | 0.3 | 74 | 0.3 | 14.4 |
| 79 | 8R250079 | 0.1 | 1.48 | 5.2 | 88.0 | 0.04 | 0.87 | 0.09 | 8.6 | 35.5 | 38.78 | 3.26 | 5.1 | 35 | 0.07 | 4.5 | 0.77 | 548 | 4.64 | 0.108 | 22.4 | 630.0 | 4.84 | 0.06 | 0.60 | 5.1 | 0.3 | 42.5 | <0.02 | 1.2 | 0.087 | 0.08 | 0.3 | 66 | 0.4 | 47.6 |
| 80 | 8R250080 | 0.2 | 1.16 | 9.3 | 26.0 | 0.76 | 4.64 | 0.05 | 10.5 | 39.0 | 9.86 | 3.95 | 5.7 | 15 | 0.03 | 3.5 | 1.04 | 482 | 1.11 | 0.068 | 3.4 | 979.0 | 5.48 | 1.76 | 0.38 | 11.4 | 0.2 | 100.5 | 0.06 | 1.3 | 0.071 | 0.06 | 0.4 | 100 | 0.6 | 34.7 |
| 81 | 8R250081 | 0.1 | 0.74 | 8.8 | 16.5 | 0.48 | 3.49 | 0.08 | 12.1 | 51.5 | 18.62 | 3.14 | 3.2 | 15 | 0.02 | 4.0 | 0.45 | 397 | 34.78 | 0.083 | 4.1 | 885.0 | 4.27 | 1.84 | 0.38 | 4.4 | 0.2 | 64.5 | 0.04 | 1.3 | 0.059 | 0.06 | 1.1 | 46 | 3.0 | 22.3 |
| 82 | 8R250082 | 0.1 | 0.84 | 7.8 | 28.0 | 0.78 | 3.06 | 0.06 | 10.8 | 79.5 | 7.89 | 2.82 | 3.2 | 20 | 0.03 | 3.5 | 0.34 | 259 | 10.08 | 0.174 | 4.5 | 842.0 | 48.30 | 1.82 | 0.38 | 3.4 | 0.2 | 74.5 | 0.04 | 1.3 | 0.077 | 0.04 | 0.7 | 46 | 8.9 | 16.7 |
| 83 | 8R250083 | 1.3 | 1.16 | 18.1 | 7.5 | 2.76 | 1.30 | 0.19 | 54.0 | 39.0 | 773.50 | 8.32 | 3.6 | 15 | 0.03 | 9.0 | 0.44 | 213 | 24.69 | 0.270 | 41.8 | 1366.0 | 3.52 | 4.92 | 0.42 | 4.1 | 5.2 | 27.5 | 0.52 | 1.5 | 0.039 | 0.06 | 1.7 | 46 | 0.5 | 32.6 |
| 84 | 8R250084 | 1.2 | 1.15 | 26.4 | 8.5 | 2.68 | 2.20 | 0.10 | 75.5 | 102.5 | 554.00 | 11.69 | 6.6 | 15 | 0.04 | 51.0 | 0.63 | 432 | 19.36 | 0.104 | 49.8 | 1492.0 | 4.74 | 5.96 | 0.92 | 7.3 | 7.4 | 27.5 | 0.48 | 3.0 | 0.075 | 0.08 | 5.3 | 128 | 1.1 | 32.2 |
| 85 | 8R250085 | 6.1 | 0.25 | 418.7 | 21.5 | 0.02 | 0.10 | 0.06 | 21.4 | 1077.0 | 54.99 | 2.98 | 1.3 | 7490 | 0.09 | 5.5 | 0.06 | 212 | 16.87 | 0.030 | 859.7 | 274.0 | 5.61 | 1.54 | 68.18 | 1.2 | 18.3 | 5.0 | <0.02 | 0.4 | 0.001 | 10.16 | <0.1 | 14 | 4.2 | 32.0 |
| 86 | 8R250086 | 1.2 | 1.17 | 24.5 | 2.5 | 3.62 | 3.17 | 0.17 | 32.2 | 78.5 | 668.10 | 12.10 | 6.7 | 120 | <0.01 | 25.0 | 0.71 | 702 | 22.83 | 0.041 | 63.1 | 1207.0 | 6.46 | 5.10 | 0.70 | 7.8 | 7.2 | 26.0 | 0.54 | 3.4 | 0.039 | 0.24 | 3.4 | 126 | 1.1 | 49.7 |
| 87 | 8R250087 | 0.8 | 0.90 | 17.4 | 4.5 | 1.22 | 5.00 | 0.11 | 23.2 | 123.5 | 352.00 | 6.56 | 5.1 | 50 | 0.03 | 21.0 | 0.31 | 624 | 38.86 | 0.075 | 34.1 | 885.0 | 4.42 | 2.24 | 0.54 | 7.0 | 3.7 | 40.0 | 0.28 | 9.0 | 0.041 | 0.12 | 4.4 | 106 | 1.0 | 26.0 |
| 88 | 8R250088 | 0.9 | 0.97 | 13.5 | 2.5 | 1.58 | 2.75 | 0.10 | 21.1 | 109.0 | 499.50 | 6.85 | 4.0 | 35 | 0.01 | 22.0 | 0.43 | 396 | 21.83 | 0.081 | 48.3 | 1135.0 | 7.92 | 2.50 | 0.46 | 6.5 | 4.1 | 32.5 | 0.38 | 2.5 | 0.050 | 0.08 | 2.6 | 70 | 0.9 | 29.9 |
| 89 | 8R250089 | 1.1 | 1.44 | 15.8 | 5.5 | 1.56 | 2.56 | 0.14 | 29.0 | 138.5 | 617.80 | 7.87 | 5.0 | 20 | 0.03 | 20.0 | 0.44 | 435 | 10.02 | 0.326 | 51.2 | 1212.0 | 6.83 | 2.82 | 0.40 | 7.5 | 5.0 | 50.0 | 0.52 | 5.1 | 0.058 | 0.08 | 3.2 | 116 | 0.7 | 39.4 |
| 90 | 8R250090 | 0.1 | 0.48 | 4.9 | 6.0 | 0.16 | 1.61 | 0.05 | 1.9 | 104.5 | 30.00 | 1.76 | 4.5 | 20 | 0.07 | 26.0 | 0.14 | 273 | 5.21 | 0.087 | 4.4 | 154.0 | 6.70 | 0.42 | 0.34 | 9.2 | 0.9 | 30.5 | 0.04 | 10.0 | 0.020 | 0.06 | 2.5 | 8 | 0.3 | 17.9 |
| 91 | 8R250091 DUP | 0.2 | 0.54 | 4.5 | 8.5 | 0.16 | 1.60 | 0.05 | 1.9 | 114.0 | 30.78 | 1.77 | 4.8 | 20 | 0.10 | 32.0 | 0.14 | 280 | 5.98 | 0.090 | 5.4 | 153.0 | 5.27 | 0.40 | 0.30 | 10.0 | 1.0 | 31.5 | 0.04 | 12.3 | 0.023 | 0.06 | 2.7 | 8 | 0.3 | 18.2 |
| 92 | 8R250092 | 0.1 | 0.70 | 6.6 | 5.5 | 0.20 | 1.22 | 0.07 | 3.2 | 122.5 | 52.19 | 2.27 | 6.2 | 15 | 0.07 | 26.5 | 0.26 | 280 | 13.91 | 0.081 | 8.2 | 268.0 | 8.38 | 0.38 | 0.54 | 8.6 | 1.1 | 22.5 | 0.08 | 10.3 | 0.033 | 0.06 | 2.9 | 24 | 0.4 | 23.4 |
| 93 | 8R250093 | 0.2 | 0.64 | 6.1 | 6.5 | 0.20 | 1.02 | 0.04 | 2.0 | 85.5 | 17.85 | 2.06 | 5.6 | 20 | 0.08 | 26.0 | 0.13 | 259 | 5.54 | 0.075 | 3.3 | 136.0 | 6.52 | 0.36 | 0.26 | 9.1 | 0.7 | 17.5 | 0.04 | 13.0 | 0.018 | 0.04 | 3.7 | 6 | 0.3 | 24.6 |
| 94 | 8R250094 | 0.1 | 0.61 | 3.3 | 7.0 | 0.28 | 1.09 | 0.04 | 2.9 | 99.0 | 50.41 | 2.53 | 5.3 | 15 | 0.08 | 38.5 | 0.11 | 228 | 23.19 | 0.079 | 7.0 | 174.0 | 5.96 | 0.64 | 0.32 | 6.7 | 1.0 | 18.0 | 0.06 | 10.6 | 0.020 | 0.06 | 3.4 | 10 | 0.2 | 19.1 |
| 95 | 8R250095 | 0.8 | 0.92 | 10.0 | 2.0 | 2.02 | 2.86 | 0.15 | 18.5 | 129.0 | 421.00 | 6.56 | 3.4 | 20 | 0.01 | 18.5 | 0.23 | 448 | 43.07 | 0.153 | 65.3 | 1131.0 | 4.57 | 2.60 | 0.36 | 4.2 | 4.3 | 37.0 | 0.38 | 3.0 | 0.072 | 0.04 | 2.6 | 108 | 2.7 | 18.6 |
| 96 | 8R250096 | 0.9 | 1.39 | 12.0 | 3.5 | 2.84 | 1.87 | 0.15 | 26.0 | 118.0 | 413.20 | 5.62 | 3.6 | 20 | 0.03 | 20.0 | 0.25 | 205 | 59.02 | 0.390 | 58.4 | 1221.0 | 8.17 | 2.64 | 0.46 | 3.4 | 4.0 | 54.5 | 0.48 | 3.5 | 0.066 | 0.04 | 2.7 | 66 | 1.7 | 20.9 |
| 97 | 8R250097 | 0.1 | 1.40 | 4.2 | 84.0 | 0.04 | 0.84 | 0.09 | 8.1 | 33.5 | 36.46 | 3.10 | 4.9 | 40 | 0.07 | 4.0 | 0.74 | 524 | 4.62 | 0.111 | 21.1 | 593.0 | 3.97 | 0.04 | 0.56 | 5.0 | 0.3 | 40.5 | 0.02 | 1.2 | 0.085 | 0.06 | 0.3 | 62 | 0.3 | 44.3 |
| 98 | 8R250098 | 0.9 | 1.21 | 17.9 | 6.0 | 2.48 | 3.64 | 0.26 | 29.9 | 155.0 | 521.40 | 9.75 | 5.2 | 15 | 0.02 | 20.0 | 0.37 | 730 | 222.60 | 0.058 | 82.9 | 1568.0 | 7.69 | 3.24 | 0.64 | 5.4 | 6.4 | 43.0 | 0.48 | 3.7 | 0.052 | 0.06 | 3.9 | 140 | 1.9 | 35.1 |
| 99 | 8R250099 | 1.0 | 1.25 | 21.1 | 4.0 | 2.10 | 5.11 | 0.20 | 20.0 | 148.0 | 550.50 | 8.25 | 6.2 | 15 | 0.01 | 15.0 | 0.53 | 1122 | 121.60 | 0.053 | 62.6 | 1650.0 | 10.17 | 2.50 | 0.62 | 5.5 | 5.1 | 46.0 | 0.40 | 2.0 | 0.054 | 0.06 | 4.0 | 168 | 1.3 | 41.5 |
| 100 | 8R250100 | 0.9 | 1.30 | 20.4 | 1.0 | 1.82 | 6.39 | 0.21 | 23.5 | 129.5 | 474.00 | 8.91 | 7.7 | 40 | <0.01 | 19.0 | 0.44 | 1581 | 132.80 | 0.041 | 59.7 | 1614.0 | 5.46 | 2.14 | 0.44 | 6.7 | 4.6 | 60.0 | 0.34 | 2.2 | 0.055 | 0.06 | 5.1 | 190 | 36.3 | 39.0 |
| 101 | 8R250101 | 0.1 | 0.66 | 4.7 | 5.0 | 0.20 | 0.95 | 0.07 | 1.7 | 75.0 | 20.43 | 2.04 | 5.4 | 20 | 0.06 | 27.0 | 0.12 | 224 | 11.60 | 0.067 | 3.8 | 156.0 | 8.18 | 0.28 | 0.24 | 7.3 | 0.7 | 12.0 | 0.04 | 9.9 | 0.026 | 0.04 | 3.3 | 6 | 0.6 | 25.5 |
| 102 | 8R250102 | 0.3 | 0.68 | 4.1 | 10.5 | 0.16 | 1.09 | 0.05 | 1.5 | 119.0 | 7.38 | 1.87 | 5.3 | 15 | 0.10 | 24.0 | 0.13 | 206 | 22.48 | 0.086 | 3.7 | 152.0 | 5.47 | 0.22 | 0.28 | 10.5 | 0.7 | 14.0 | 0.04 | 9.4 | 0.031 | 0.06 | 2.0 | 4 | 0.5 | 20.3 |
| 103 | 8R250103 | 0.1 | 0.59 | 3.8 | 7.5 | 0.12 | 1.10 | 0.12 | 1.2 | 56.5 | 28.69 | 1.77 | 4.2 | 15 | 0.06 | 19.0 | 0.13 | 185 | 11.57 | 0.062 | 1.7 | 145.0 | 5.28 | 0.30 | 0.20 | 9.1 | 0.7 | 14.0 | 0.04 | 10.3 | 0.030 | 0.04 | 2.7 | 6 | 0.4 | 16.8 |
| 104 | 8R250104 | 0.2 | 0.81 | 4.3 | 9.0 | 0.18 | 1.61 | 0.54 | 3.3 | 93.5 | 43.57 | 2.69 | 6.7 | 15 | 0.08 | 30.5 | 0.17 | 284 | 7.19 | 0.076 | 5.2 | 169.0 | 7.43 | 0.34 | 0.32 | 8.0 | 0.8 | 26.5 | 0.08 | 9.4 | 0.022 | 0.04 | 2.7 | 12 | 0.3 | 32.8 |
| 105 | 8R250105 | 0.0 | 0.50 | 1.9 | 8.0 | 0.14 | 0.92 | 0.04 | 0.9 | 87.5 | 2.10 | 2.12 | 4.7 | 20 | 0.08 | 31.0 | 0.11 | 205 | 4.44 | 0.067 | 2.5 | 141.0 | 5.51 | 0.12 | 0.12 | 9.6 | 0.5 | 14.0 | <0.02 | 11.3 | 0.039 | 0.04 | 2.8 | 4 | 0.4 | 22.1 |
| 106 | 8R250106 | 0.1 | 0.63 | 5.7 | 8.5 | 0.18 | 1.47 | 0.05 | 1.3 | 99.0 | 7.74 | 2.44 | 5.3 | 15 | 0.07 | 26.0 | 0.13 | 273 | 8.91 | 0.069 | 3.0 | 170.0 | 6.61 | 0.26 | 0.26 | 8.3 | 0.9 | 24.5 | 0.04 | 9.3 | 0.029 | 0.06 | 2.5 | 10 | 0.7 | 26.0 |
| 107 | 8R250107 | 0.1 | 1.94 | 2.9 | 130.5 | 0.06 | 1.16 | 0.09 | 28.9 | 1271.0 | 103.00 | 4.57 | 6.0 | 25 | 0.14 | 7.0 | 0.86 | 703 | 20.77 | 0.241 | 984.8 | 595.0 | 4.74 | 0.04 | 0.56 | 4.6 | 0.2 | 97.5 | <0.02 | 2.3 | 0.112 | 0.08 | 0.6 | 100 | 4.5 | 49.2 |
| 108 | 8R250108 | 0.6 | 1.51 | 50.8 | 9.5 | 0.94 | 6.38 | 0.10 | 17.6 | 115.0 | 110.00 | 6.82 | 6.0 | 15 | 0.03 | 30.5 | 0.89 | 1152 | 68.37 | 0.113 | 53.9 | 1433.0 | 5.11 | 2.66 | 0.54 | 6.4 | 5.2 | 126.0 | 0.26 | 1.4 | 0.058 | 0.04 | 2.2 | 158 | 3.7 | 49.8 |
| 109 | 8R250109 | 0.7 | 1.15 | 97.4 | 33.0 | 1.24 | 3.44 | 0.09 | 35.6 | 145.5 | 251.30 | 6.02 | 4.3 | 15 | 0.03 | 27.5 | 0.64 | 508 | 11.00 | 0.049 | 85.0 | 1582.0 | 4.07 | 3.38 | 0.76 | 4.4 | 6.8 | 95.0 | 0.28 | 1.7 | 0.058 | 0.04 | 1.9 | 112 | 0.8 | 47.5 |
| 110 | 8R250110 | 0.6 | 1.12 | 98.5 | 42.5 | 1.04 | 4.93 | 0.18 | 20.4 | 157.5 | 243.50 | 5.51 | 5.1 | 15 | 0.08 | 38.5 | 0.66 | 748 | 13.06 | 0.053 | 75.0 | 2187.0 | 4.99 | 2.18 | 0.92 | 7.9 | 7.4 | 123.0 | 0.24 | 3.1 | 0.048 | 0.08 | 2.1 | 188 | 0.7 | 48.1 |
| 111 | 8R250111 | 0.1 | 0.67 | 7.0 | 12.0 | 0.18 | 1.49 | 0.06 | 2.2 | 132.0 | 14.30 | 1.94 | 5.0 | 15 | 0.10 | 37.0 | 0.14 | 327 | 16.16 | 0.073 | 6.2 | 162.0 | 6.60 | 0.34 | 0.38 | 8.3 | 0.9 | 27.0 | 0.06 | 13.0 | 0.035 | 0.06 | 4.2 | 8 | 0.5 | 25.9 |
| 112 | 8R250112 | 0.8 | 1.16 | 7.3 | 34.0 | 0.46 | 3.18 | 0.11 | 6.3 | 67.5 | 21.05 | 4.18 | 6.2 | 15 | 0.07 | 10.0 | 0.96 | 508 | 7.83 | 0.073 | 4.7 | 802.0 | 5.37 | 0.62 | 0.44 | 13.0 | 0.4 | 98.5 | 0.38 | 1.8 | 0.069 | 0.06 | 0.6 | 126 | 0.5 | 44.3 |
| 113 | 8R250113 DUP | 0.7 | 1.23 | 7.9 | 40.0 | 0.48 | 3.36 | 0.13 | 6.9 | 80.0 | 21.20 | 4.43 | 6.5 | 15 | 0.08 | 11.0 | 1.00 | 540 | 9.14 | 0.078 | 6.3 | 824.0 | 5.59 | 0.64 | 0.46 | 13.8 | 0.4 | 103.5 | 0.36 | 1.7 | 0.074 | 0.08 | 0.7 | 132 | 0.4 | 48.6 |
| 114 | 8R250114 | 0.3 | 1.03 | 5.8 | 35.0 | 0.70 | 3.27 | 0.10 | 8.0 | 54.5 | 9.84 | 3.73 | 5.2 | 15 | 0.05 | 3.5 | 0.95 | 374 | 2.36 | 0.086 | 4.2 | 936.0 | 7.36 | 0.98 | 0.42 | 13.1 | 0.2 | 103.0 | 0.18 | 0.7 | 0.083 | 0.06 | 0.4 | 116 | 0.5 | 23.0 |
| 115 | 8R250115 | 0.3 | 1.08 | 6.6 | 57.5 | 0.56 | 3.47 | 0.09 | 7.7 | 73.0 | 8.23 | 3.27 | 5.7 | 15 | 0.07 | 4.0 | 0.98 | 418 | 1.55 | 0.100 | 4.4 | 761.0 | 7.96 | 0.74 | 0.42 | 11.8 | 0.2 | 116.0 | 0.20 | 1.7 | 0.076 | 0.06 | 0.7 | 100 | 0.5 | 24.8 |
| 116 | 8R250116 | 0.2 | 0.92 | 7.9 | 49.5 | 0.76 | 2.51 | 0.08 | 12.6 | 53.5 | 7.29 | 3.33 | 4.8 | 15 | 0.07 | 4.5 | 0.90 | 321 | 2.33 | 0.086 | 3.4 | 874.0 | 7.64 | 1.20 | 0.42 | 9.6 | 0.2 | 78.5 | 0.24 | 1.7 | 0.080 | 0.06 | 0.6 | 88 | 0.5 | 20.0 |
| 117 | 8R250117 | 0.6 | 1.15 | 9.2 | 38.5 | 0.78 | 3.28 | 0.09 | 12.3 | 82.5 | 14.31 | 4.14 | 5.9 | 15 | 0.06 | 5.0 | 1.02 | 426 | 1.67 | 0.091 | 5.3 | 963.0 | 6.16 | 1.90 | 0.38 | 13.4 | 0.2 | 88.0 | 0.22 | 1.0 | 0.083 | 0.06 | 0.5 | 112 | 0.7 | 27.5 |
| 118 | 8R250118 | 0.4 | 1.12 | 7.2 | 32.5 | 1.06 | 4.47 | 0.17 | 12.4 | 70.0 | 34.47 | 4.41 | 5.5 | 15 | 0.04 | 4.5 | 1.06 | 530 | 5.94 | 0.088 | 4.2 | 955.0 | 4.63 | 2.50 | 0.48 | 9.1 | 0.5 | 148.0 | 0.32 | 0.9 | 0.066 | 0.06 | 0.6 | 82 | 1.3 | 45.2 |
| 119 | 8R250119 | 0.1 | 1.46 | 5.2 | 89.0 | 0.04 | 0.90 | 0.09 | 8.7 | 35.5 | 38.51 | 3.26 | 5.1 | 40 | 0.07 | 4.5 | 0.76 | 548 | 4.63 | 0.108 | 22.4 | 595.0 | 5.28 | 0.04 | 0.62 | 5.4 | 0.3 | 43.5 | <0.02 | 1.2 | 0.088 | 0.06 | 0.3 | 66 | 0.3 | 47.6 |
| 120 | 8R250120 | 0.3 | 1.27 | 10.7 | 53.0 | 0.98 | 3.69 | 0.06 | 10.7 | 69.5 | 30.69 | 4.28 | 6.5 | 15 | 0.08 | 7.0 | 1.32 | 466 | 1.51 | 0.086 | 4.8 | 945.0 | 9.19 | 1.66 | 0.28 | 13.2 | 0.8 | 166.0 | 0.38 | 1.2 | 0.090 | 0.10 | 0.6 | 116 | 0.7 | 26.3 |

| Et #. | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppb | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Se ppm | Sr ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 121 | 8R250121 | 0.2 | 1.56 | 7.1 | 31.5 | 0.44 | 3.99 | 0.05 | 10.3 | 69.5 | 8.89 | 4.41 | 8.0 | 15 | 0.04 | 14.0 | 1.80 | 658 | 1.82 | 0.062 | 7.2 | 1282.0 | 5.29 | 0.60 | 0.26 | 11.9 | 0.3 | 189.0 | 0.12 | 1.1 | 0.094 | 0.06 | 0.4 | 120 | 0.9 | 34.9 |
| 122 | 8R250122 | 0.1 | 1.19 | 8.9 | 29.0 | 0.52 | 3.80 | 0.04 | 4.0 | 70.0 | 5.99 | 4.59 | 6.3 | 25 | 0.04 | 3.0 | 0.98 | 448 | 0.80 | 0.086 | 4.2 | 815.0 | 3.38 | 0.70 | 0.44 | 8.3 | 0.2 | 184.5 | 0.12 | 1.0 | 0.078 | 0.04 | 1.1 | 98 | 18.9 | 19.9 |
| 123 | 8R250123 | 0.1 | 1.29 | 256.1 | 34.0 | 0.94 | 3.71 | 0.04 | 16.7 | 53.5 | 2.64 | 4.36 | 5.9 | 15 | 0.09 | 3.5 | 1.35 | 489 | 2.14 | 0.081 | 3.6 | 904.0 | 4.74 | 1.42 | 1.58 | 8.7 | 0.2 | 130.5 | 0.24 | 0.9 | 0.069 | 0.10 | 1.5 | 100 | 0.5 | 23.0 |
| 124 | 8R250124 | 0.2 | 0.90 | 8.7 | 39.5 | 0.88 | 2.12 | 0.05 | 16.4 | 75.5 | 2.94 | 3.46 | 4.0 | 15 | 0.07 | 3.5 | 1.07 | 293 | 1.34 | 0.120 | 5.1 | 952.0 | 3.34 | 1.82 | 0.44 | 5.9 | 0.2 | 76.0 | 0.24 | 0.7 | 0.107 | 0.10 | 0.6 | 82 | 0.3 | 17.7 |
| 125 | 8R250125 | 0.8 | 0.35 | 244.5 | 19.5 | 0.06 | 0.16 | 0.06 | 7.7 | 17.5 | 32.67 | 2.48 | 1.6 | 3405 | 0.11 | 6.0 | 0.10 | 139 | 3.91 | 0.031 | 12.3 | 340.0 | 1.91 | 1.74 | 25.78 | 1.7 | 5.9 | 6.5 | <0.02 | 0.6 | 0.001 | 3.16 | 0.1 | 14 | 0.9 | 47.1 |
| 126 | 8R250126 | 0.2 | 1.41 | 17.5 | 26.0 | 0.50 | 2.59 | 0.06 | 11.8 | 81.5 | 32.62 | 3.52 | 6.2 | 75 | 0.10 | 4.0 | 1.64 | 485 | 3.21 | 0.088 | 3.8 | 768.0 | 7.92 | 0.84 | 0.42 | 14.5 | 0.2 | 92.0 | 0.16 | 5.0 | 0.092 | 0.20 | 8.8 | 116 | 0.5 | 40.0 |
| 127 | 8R250127 | 0.1 | 0.68 | 3.7 | 11.5 | 0.16 | 0.96 | 0.03 | 1.6 | 109.5 | 6.01 | 2.26 | 5.7 | 35 | 0.10 | 30.0 | 0.19 | 232 | 9.75 | 0.086 | 3.9 | 171.0 | 5.55 | 0.20 | 0.20 | 6.5 | 0.6 | 23.0 | 0.02 | 5.7 | 0.027 | 0.08 | 1.9 | 8 | 0.3 | 20.3 |
| 128 | 8R250128 | 1.6 | 0.61 | 3.0 | 9.0 | 0.12 | 0.85 | 0.03 | 1.6 | 86.0 | 10.19 | 1.88 | 5.2 | 25 | 0.09 | 37.0 | 0.15 | 214 | 19.13 | 0.073 | 2.3 | 151.0 | 5.33 | 0.20 | 0.22 | 7.0 | 0.7 | 18.5 | 0.02 | 7.5 | 0.020 | 0.06 | 2.9 | 6 | 0.3 | 19.3 |
| 129 | 8R250129 | 0.1 | 0.72 | 4.6 | 12.0 | 0.16 | 1.27 | 0.04 | 1.9 | 98.5 | 8.80 | 2.26 | 5.8 | 20 | 0.08 | 35.5 | 0.17 | 284 | 28.35 | 0.087 | 3.7 | 186.0 | 7.29 | 0.44 | 0.58 | 7.5 | 0.7 | 29.0 | 0.06 | 10.3 | 0.035 | 0.08 | 2.1 | 6 | 0.4 | 22.6 |
| 130 | 8R250130 | 0.2 | 1.16 | 8.6 | 22.5 | 0.26 | 2.34 | 0.05 | 9.8 | 78.0 | 61.50 | 3.94 | 4.9 | 20 | 0.05 | 5.0 | 0.79 | 406 | 3.60 | 0.117 | 4.0 | 916.0 | 3.48 | 1.42 | 0.46 | 8.2 | 0.2 | 90.5 | 0.12 | 1.3 | 0.094 | 0.10 | 0.5 | 94 | 0.4 | 24.1 |
| 131 | 8R250131 DUP | 0.3 | 1.20 | 9.0 | 24.0 | 0.24 | 2.44 | 0.07 | 9.7 | 86.5 | 60.56 | 3.95 | 5.0 | 15 | 0.05 | 5.0 | 0.79 | 424 | 2.36 | 0.123 | 5.2 | 926.0 | 5.12 | 1.34 | 0.50 | 8.4 | 0.2 | 95.5 | 0.12 | 1.3 | 0.097 | 0.08 | 0.6 | 94 | 0.4 | 25.5 |
| 132 | 8R250132 | 0.5 | 1.51 | 24.1 | 18.5 | 0.18 | 3.32 | 0.06 | 12.0 | 63.0 | 54.15 | 5.21 | 7.9 | 15 | 0.05 | 5.0 | 1.24 | 549 | 3.38 | 0.076 | 4.2 | 941.0 | 7.29 | 1.80 | 0.92 | 15.2 | 0.4 | 126.5 | 0.14 | 1.1 | 0.085 | 0.14 | 0.4 | 146 | 0.5 | 32.3 |
| 133 | 8R250133 | 0.3 | 1.73 | 20.3 | 13.0 | 0.28 | 3.16 | 0.10 | 10.1 | 71.0 | 76.56 | 6.39 | 11.8 | 20 | 0.05 | 41.0 | 1.17 | 937 | 36.43 | 0.079 | 4.6 | 843.0 | 9.10 | 1.04 | 0.58 | 38.8 | 1.4 | 105.5 | 0.08 | 7.1 | 0.073 | 0.08 | 1.7 | 104 | 0.5 | 67.9 |
| 134 | 8R250134 | 0.1 | 1.37 | 6.9 | 19.0 | 0.24 | 2.04 | 0.06 | 8.4 | 77.0 | 17.13 | 4.09 | 8.5 | 15 | 0.05 | 16.5 | 0.89 | 502 | 15.42 | 0.071 | 5.4 | 591.0 | 7.58 | 0.80 | 0.40 | 11.6 | 0.4 | 60.0 | 0.04 | 5.7 | 0.073 | 0.04 | 1.3 | 92 | 0.5 | 41.2 |
| 135 | 8R250135 | 0.1 | 1.12 | 17.9 | 27.0 | 1.02 | 4.71 | 0.07 | 11.9 | 69.0 | 6.14 | 4.05 | 6.9 | 15 | 0.05 | 5.0 | 1.01 | 476 | 1.53 | 0.090 | 4.8 | 962.0 | 7.67 | 1.84 | 0.46 | 14.0 | 0.3 | 127.5 | 0.08 | 1.9 | 0.084 | 0.04 | 1.1 | 120 | 0.5 | 21.7 |
| 136 | 8R250136 | 0.1 | 0.85 | 8.4 | 36.5 | 0.82 | 3.57 | 0.07 | 11.0 | 54.5 | 7.42 | 3.15 | 4.4 | 15 | 0.05 | 3.0 | 0.78 | 359 | 2.01 | 0.075 | 3.7 | 892.0 | 7.95 | 1.84 | 0.32 | 5.8 | 0.2 | 91.0 | 0.10 | 1.0 | 0.068 | 0.04 | 0.5 | 66 | 0.4 | 16.9 |
| 137 | 8R250137 | 0.1 | 1.36 | 5.0 | 85.0 | 0.04 | 0.91 | 0.09 | 8.0 | 33.0 | 35.81 | 3.05 | 4.8 | 40 | 0.06 | 4.0 | 0.72 | 549 | 4.47 | 0.111 | 21.0 | 598.0 | 4.99 | 0.04 | 0.58 | 4.9 | 0.3 | 40.5 | <0.02 | 1.2 | 0.084 | 0.04 | 0.3 | 60 | 0.3 | 44.5 |
| 138 | 8R250138 | 0.1 | 0.55 | 6.3 | 41.0 | 1.14 | 1.21 | 0.07 | 12.7 | 69.0 | 4.12 | 2.64 | 2.6 | 20 | 0.08 | 3.0 | 0.35 | 110 | 1.17 | 0.141 | 5.1 | 950.0 | 4.14 | 1.70 | 0.28 | 2.4 | 0.2 | 41.0 | 0.08 | 0.9 | 0.101 | 0.02 | 0.4 | 50 | 0.3 | 10.6 |
| 139 | 8R250139 | 0.2 | 0.89 | 8.1 | 29.0 | 0.74 | 2.34 | 0.07 | 11.0 | 54.5 | 6.17 | 2.56 | 3.6 | 15 | 0.05 | 3.5 | 0.32 | 181 | 2.66 | 0.189 | 3.8 | 915.0 | 4.52 | 1.50 | 0.28 | 1.9 | 0.1 | 55.5 | 0.08 | 1.1 | 0.075 | 0.02 | 0.4 | 40 | 0.5 | 21.6 |
| 140 | 8R250140 | 0.1 | 1.00 | 9.7 | 35.5 | 0.58 | 3.01 | 0.04 | 10.8 | 91.0 | 4.03 | 2.60 | 3.7 | 15 | 0.06 | 4.5 | 0.43 | 334 | 2.57 | 0.239 | 5.6 | 858.0 | 6.51 | 1.58 | 0.36 | 4.4 | 0.2 | 76.0 | 0.10 | 1.4 | 0.080 | 0.02 | 0.8 | 50 | 0.5 | 26.7 |
| 141 | 8R250141 | 0.2 | 0.68 | 8.2 | 26.5 | 0.74 | 2.33 | 0.07 | 13.6 | 63.5 | 12.33 | 3.31 | 3.5 | 15 | 0.04 | 3.5 | 0.42 | 159 | 2.96 | 0.122 | 5.3 | 1057.0 | 2.93 | 2.40 | 0.36 | 2.0 | 0.2 | 63.5 | 0.16 | 1.3 | 0.084 | 0.06 | 0.6 | 46 | 0.6 | 18.6 |
| 142 | 8R250142 | 2.3 | 1.00 | 4364.0 | 29.5 | 1.10 | 2.11 | 0.49 | 14.6 | 85.0 | 946.70 | 3.45 | 5.4 | 20 | 0.13 | 14.0 | 0.63 | 297 | 30.81 | 0.059 | 6.3 | 739.0 | 15.49 | 1.94 | 10.30 | 3.7 | 2.1 | 49.5 | 0.22 | 9.1 | 0.020 | 0.24 | 4.9 | 24 | 1.2 | 77.3 |
| 143 | 8R250143 | 1.5 | 1.23 | 58.8 | 26.0 | 1.04 | 1.94 | 0.22 | 22.4 | 113.5 | 665.50 | 4.99 | 8.7 | 15 | 0.08 | 20.0 | 0.84 | 370 | 10.59 | 0.099 | 7.3 | 763.0 | 10.19 | 3.08 | 2.08 | 7.0 | 2.6 | 40.0 | 0.40 | 10.3 | 0.050 | 0.28 | 5.1 | 52 | 1.2 | 32.9 |
| 144 | 8R250144 | 0.5 | 0.85 | 13.7 | 20.0 | 0.72 | 3.92 | 0.11 | 5.8 | 84.0 | 219.30 | 1.90 | 6.5 | 15 | 0.07 | 24.5 | 0.68 | 412 | 21.67 | 0.083 | 3.2 | 996.0 | 7.27 | 0.84 | 0.48 | 6.1 | 1.1 | 74.5 | 0.16 | 8.9 | 0.081 | 0.12 | 3.9 | 60 | 1.7 | 21.4 |
| 145 | 8R250145 | 0.3 | 2.42 | 8.4 | 37.5 | 0.42 | 2.93 | 0.12 | 12.0 | 57.5 | 36.20 | 4.36 | 16.2 | 15 | 0.12 | 78.5 | 1.43 | 629 | 3.61 | 0.086 | 16.4 | 2131.0 | 32.72 | 0.26 | 0.80 | 5.1 | 1.0 | 74.5 | 0.04 | 7.8 | 0.117 | 0.14 | 1.5 | 62 | 2.0 | 80.7 |
| 146 | 8R250146 | 1.5 | 1.20 | 61.9 | 14.0 | 1.70 | 1.92 | 0.20 | 75.1 | 113.5 | 665.70 | 4.43 | 8.8 | 20 | 0.09 | 49.5 | 0.52 | 448 | 27.32 | 0.066 | 14.6 | 385.0 | 11.17 | 1.96 | 1.92 | 3.8 | 1.2 | 41.5 | 0.30 | 10.6 | 0.022 | 0.16 | 7.5 | 26 | 1.6 | 34.0 |
| 147 | 8R250147 | 5.9 | 0.29 | 429.5 | 25.0 | 0.04 | 0.13 | 0.09 | 22.1 | 1120.0 | 59.18 | 3.08 | 1.5 | 7760 | 0.11 | 6.5 | 0.07 | 224 | 18.14 | 0.040 | 908.0 | 274.0 | 4.79 | 1.70 | 73.34 | 1.2 | 20.0 | 5.5 | <0.02 | 0.7 | 0.001 | 10.56 | 0.1 | 16 | 4.4 | 33.8 |
| 148 | 8R250148 | 0.2 | 1.87 | 7.9 | 36.0 | 0.24 | 2.92 | 0.13 | 10.4 | 67.5 | 20.56 | 3.30 | 12.4 | 140 | 0.15 | 74.0 | 0.89 | 643 | 3.31 | 0.085 | 15.6 | 1886.0 | 32.39 | 0.28 | 1.06 | 4.1 | 0.9 | 95.5 | 0.02 | 10.4 | 0.014 | 0.36 | 1.9 | 46 | 0.7 | 79.1 |
| 149 | 8R250149 | 0.5 | 1.00 | 6.3 | 16.0 | 0.88 | 4.49 | 0.11 | 5.0 | 82.5 | 151.60 | 2.09 | 6.0 | 55 | 0.06 | 27.5 | 0.63 | 681 | 8.89 | 0.094 | 3.5 | 1099.0 | 6.73 | 0.32 | 0.38 | 7.2 | 0.7 | 110.0 | 0.08 | 7.7 | 0.039 | 0.16 | 2.0 | 70 | 0.7 | 31.8 |
| 150 | 8R250150 | 0.4 | 1.22 | 16.7 | 33.5 | 0.94 | 2.41 | 0.14 | 10.4 | 102.0 | 118.30 | 2.81 | 7.4 | 25 | 0.08 | 23.0 | 0.95 | 508 | 4.60 | 0.103 | 7.4 | 1260.0 | 13.96 | 0.58 | 0.92 | 8.2 | 0.8 | 55.0 | 0.18 | 7.8 | 0.058 | 0.12 | 1.8 | 66 | 1.0 | 43.9 |
| 151 | 8R250151 | 1.2 | 1.13 | 25.5 | 23.5 | 1.48 | 3.11 | 0.20 | 68.7 | 86.5 | 556.20 | 4.00 | 7.7 | 25 | 0.06 | 16.0 | 1.02 | 593 | 51.13 | 0.086 | 5.2 | 981.0 | 12.89 | 2.66 | 1.48 | 7.1 | 2.6 | 44.5 | 0.32 | 6.5 | 0.070 | 0.12 | 1.9 | 56 | 2.0 | 42.6 |
| 152 | 8R250152 | 0.8 | 0.94 | 12.5 | 33.5 | 0.84 | 3.77 | 0.13 | 10.3 | 104.5 | 395.70 | 2.50 | 6.1 | 20 | 0.08 | 23.0 | 0.81 | 510 | 26.52 | 0.089 | 5.1 | 1099.0 | 8.67 | 1.18 | 0.66 | 5.7 | 1.2 | 68.0 | 0.20 | 7.4 | 0.064 | 0.08 | 4.1 | 58 | 1.3 | 30.7 |
| 153 | 8R250153 DUP | 0.9 | 0.96 | 12.4 | 28.5 | 0.86 | 3.95 | 0.15 | 8.1 | 99.0 | 387.20 | 2.64 | 6.3 | 20 | 0.07 | 23.5 | 0.86 | 538 | 25.36 | 0.086 | 3.6 | 1154.0 | 9.02 | 1.26 | 0.66 | 6.0 | 1.2 | 70.5 | 0.20 | 7.9 | 0.064 | 0.08 | 3.2 | 60 | 1.2 | 30.9 |
| 154 | 8R250154 | 1.4 | 1.09 | 14.5 | 40.5 | 1.40 | 3.23 | 0.33 | 11.9 | 116.0 | 574.90 | 2.96 | 7.3 | 20 | 0.09 | 21.5 | 1.12 | 507 | 33.40 | 0.094 | 5.9 | 1074.0 | 19.81 | 1.64 | 0.60 | 6.6 | 1.9 | 51.5 | 0.28 | 7.3 | 0.083 | 0.06 | 2.3 | 78 | 1.5 | 53.4 |
| 155 | 8R250155 | 0.4 | 0.91 | 5.9 | 30.0 | 0.66 | 4.71 | 0.10 | 4.8 | 82.5 | 205.30 | 1.73 | 6.5 | 20 | 0.08 | 21.5 | 0.90 | 615 | 9.08 | 0.096 | 2.8 | 1167.0 | 8.37 | 0.66 | 0.38 | 8.4 | 0.9 | 107.5 | 0.16 | 7.8 | 0.081 | 0.06 | 2.2 | 70 | 1.1 | 26.2 |
| 156 | 8R250156 | 2.2 | 1.06 | 19.5 | 15.5 | 1.30 | 3.77 | 0.31 | 19.7 | 106.0 | 842.40 | 3.98 | 6.7 | 25 | 0.07 | 33.0 | 0.61 | 738 | 197.30 | 0.101 | 13.0 | 1038.0 | 6.79 | 2.32 | 1.36 | 5.9 | 1.8 | 75.5 | 0.28 | 8.0 | 0.037 | 0.08 | 5.9 | 62 | 7.3 | 39.0 |
| 157 | 8R250157 | 0.2 | 0.59 | 10.0 | 10.5 | 0.38 | 1.14 | 0.04 | 2.6 | 110.0 | 54.17 | 1.44 | 5.1 | 20 | 0.10 | 55.5 | 0.22 | 260 | 7.52 | 0.080 | 2.8 | 163.0 | 5.41 | 0.46 | 0.56 | 2.6 | 1.0 | 23.0 | 0.06 | 12.9 | 0.021 | 0.08 | 5.4 | 6 | 0.7 | 12.1 |
| 158 | 8R250158 | 4.1 | 1.46 | 23.9 | 8.5 | 1.72 | 3.17 | 0.51 | 22.6 | 99.0 | 1730.00 | 5.40 | 10.6 | 20 | 0.05 | 68.5 | 0.84 | 578 | 113.60 | 0.105 | 16.1 | 1164.0 | 16.11 | 2.58 | 1.80 | 8.3 | 1.6 | 59.0 | 0.26 | 9.2 | 0.044 | 0.10 | 2.9 | 112 | 6.5 | 56.0 |
| 159 | 8R250159 | 0.1 | 1.42 | 4.7 | 88.5 | 0.04 | 0.96 | 0.08 | 7.6 | 34.0 | 34.93 | 3.04 | 5.2 | 40 | 0.07 | 4.0 | 0.74 | 534 | 4.47 | 0.113 | 20.8 | 650.0 | 3.44 | 0.04 | 0.62 | 4.2 | 0.3 | 39.5 | <0.02 | 1.3 | 0.084 | 0.08 | 0.3 | 56 | 0.4 | 44.3 |
| 160 | 8R250160 | 6.1 | 1.40 | 109.8 | 3.0 | 9.24 | 0.20 | 0.48 | 119.9 | 48.0 | 3737.00 | >40 | 7.7 | 25 | 0.03 | 24.5 | 0.43 | 365 | 85.42 | 0.042 | 144.1 | 315.0 | 24.04 | 9.30 | 3.42 | 2.8 | 6.6 | 5.5 | 2.04 | 3.2 | 0.005 | 0.18 | 1.1 | 44 | 6.4 | 58.4 |
| 161 | 8R250161 | 4.3 | 1.73 | 45.1 | 13.0 | 2.60 | 2.40 | 0.63 | 11.6 | 114.0 | 1926.00 | 8.61 | 9.7 | 35 | 0.07 | 45.0 | 0.76 | 535 | 249.20 | 0.097 | 31.5 | 1215.0 | 12.76 | 4.88 | 2.10 | 6.6 | 2.1 | 69.0 | 0.46 | 7.0 | 0.021 | 0.16 | 2.2 | 96 | 18.4 | 46.7 |
| 162 | 8R250162 | 0.1 | 1.43 | 3.0 | 30.0 | 0.18 | 2.84 | 0.10 | 7.5 | 76.0 | 22.65 | 2.58 | 10.2 | 15 | 0.14 | 69.0 | 0.76 | 500 | 5.74 | 0.079 | 9.8 | 1484.0 | 21.41 | 0.24 | 0.34 | 2.8 | 0.8 | 106.0 | 0.02 | 17.8 | 0.019 | 0.08 | 3.1 | 32 | 0.7 | 53.1 |
| 163 | 8R250163 | 0.6 | 1.03 | 5.3 | 34.0 | 0.44 | 4.12 | 0.12 | 3.5 | 100.5 | 167.90 | 1.68 | 7.0 | 15 | 0.09 | 27.0 | 0.78 | 717 | 4.72 | 0.105 | 4.6 | 1144.0 | 6.65 | 0.16 | 0.46 | 7.7 | 0.5 | 89.5 | 0.04 | 7.6 | 0.056 | 0.04 | 1.9 | 62 | 0.8 | 35.8 |
| 164 | 8R250164 | 1.9 | 0.92 | 16.8 | 11.5 | 0.74 | 2.88 | 0.37 | 19.5 | 109.0 | 1504.00 | 2.06 | 6.1 | 15 | 0.06 | 43.5 | 0.40 | 402 | 69.22 | 0.071 | 6.5 | 634.0 | 14.88 | 0.68 | 1.58 | 4.2 | 1.3 | 60.0 | 0.10 | 16.6 | 0.017 | 0.12 | 9.4 | 40 | 1.1 | 79.5 |
| 165 | 8R250165 | 0.1 | 0.69 | 5.1 | 10.0 | 0.20 | 1.22 | 0.12 | 2.5 | 126.0 | 19.48 | 2.24 | 6.2 | 15 | 0.11 | 52.5 | 0.20 | 397 | 19.93 | 0.093 | 4.4 | 191.0 | 13.76 | 0.22 | 0.24 | 7.2 | 1.1 | 32.0 | 0.02 | 12.7 | 0.011 | 0.06 | 3.3 | 4 | 0.5 | 41.9 |

| Et #. | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppb | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Se ppm | Sr ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 166 | 8R250166 | 0.1 | 0.54 | 3.2 | 8.0 | 0.20 | 1.07 | 0.33 | 2.0 | 112.5 | 14.78 | 1.95 | 5.5 | 20 | 0.10 | 52.5 | 0.14 | 382 | 20.57 | 0.081 | 2.8 | 178.0 | 16.09 | 0.10 | 0.24 | 5.2 | 1.0 | 29.5 | 0.02 | 12.6 | 0.010 | 0.06 | 3.8 | 4 | 0.4 | 79.0 |
| 167 | 8R250167 | 0.0 | 0.58 | 1.8 | 11.0 | 0.10 | 0.81 | 0.03 | 1.8 | 141.5 | 7.15 | 1.86 | 4.8 | 15 | 0.13 | 41.5 | 0.17 | 306 | 12.64 | 0.092 | 4.8 | 164.0 | 7.04 | 0.06 | 0.14 | 5.0 | 0.8 | 28.5 | <0.02 | 11.0 | 0.018 | 0.04 | 3.5 | 4 | 0.5 | 28.3 |
| 168 | 8R250168 | 0.1 | 2.07 | 3.0 | 41.0 | 0.16 | 4.86 | 0.04 | 14.1 | 92.5 | 22.31 | 4.47 | 11.6 | 15 | 0.18 | 50.5 | 1.42 | 1233 | 3.30 | 0.080 | 9.1 | 2288.0 | 13.14 | 0.16 | 0.20 | 5.7 | 0.7 | 170.5 | 0.02 | 6.1 | 0.019 | 0.12 | 1.3 | 70 | 0.8 | 78.6 |
| 169 | 8R250169 | 0.1 | 0.48 | 107.4 | 20.0 | 0.36 | 2.05 | 0.06 | 1.7 | 218.0 | 43.94 | 0.81 | 2.8 | 15 | 0.12 | 13.5 | 0.19 | 229 | 1.70 | 0.081 | 7.3 | 109.0 | 13.73 | 0.10 | 0.80 | 1.2 | 0.3 | 55.0 | 0.06 | 19.3 | 0.008 | 0.06 | 19.2 | 4 | 0.5 | 14.2 |
| 170 | 8R250170 | 0.5 | 0.81 | 518.5 | 21.5 | 0.52 | 3.81 | 0.24 | 6.8 | 139.5 | 208.70 | 1.63 | 3.9 | 15 | 0.11 | 25.0 | 0.58 | 358 | 3.83 | 0.062 | 4.2 | 836.0 | 11.50 | 0.64 | 4.92 | 4.1 | 0.9 | 110.5 | 0.20 | 12.9 | 0.005 | 0.06 | 12.3 | 20 | 0.5 | 30.3 |
| 171 | 8R250171 DUP | 0.4 | 0.85 | 543.6 | 24.5 | 0.50 | 3.63 | 0.20 | 6.6 | 161.0 | 207.30 | 1.68 | 4.0 | 15 | 0.14 | 25.5 | 0.56 | 350 | 3.21 | 0.068 | 6.1 | 818.0 | 10.68 | 0.64 | 4.98 | 4.2 | 0.9 | 107.5 | 0.22 | 13.9 | 0.005 | 0.06 | 13.0 | 20 | 0.6 | 29.8 |
| 172 | 8R250172 | 1.1 | 0.92 | 1349.0 | 31.0 | 1.02 | 4.06 | 0.35 | 8.8 | 140.0 | 339.60 | 2.28 | 3.8 | 15 | 0.14 | 27.0 | 0.66 | 393 | 6.72 | 0.053 | 5.1 | 1027.0 | 18.89 | 1.24 | 11.72 | 4.3 | 1.5 | 103.0 | 0.38 | 10.0 | 0.005 | 0.08 | 8.1 | 14 | 0.4 | 50.2 |
| 173 | 8R250173 | 0.5 | 0.82 | 16.8 | 30.0 | 0.62 | 3.84 | 0.17 | 5.0 | 145.0 | 232.80 | 1.72 | 4.1 | 15 | 0.13 | 26.5 | 0.62 | 336 | 3.48 | 0.074 | 5.4 | 821.0 | 11.18 | 0.88 | 3.86 | 4.4 | 1.3 | 112.5 | 0.22 | 11.0 | 0.002 | 0.06 | 9.2 | 26 | 0.6 | 25.4 |
| 174 | 8R250174 | 0.7 | 0.92 | 14.7 | 32.0 | 0.84 | 4.41 | 0.21 | 9.5 | 101.0 | 345.50 | 2.31 | 6.3 | 15 | 0.08 | 30.0 | 0.92 | 358 | 27.02 | 0.075 | 3.7 | 1056.0 | 5.29 | 1.46 | 0.90 | 6.3 | 1.8 | 109.5 | 0.36 | 9.5 | 0.008 | 0.04 | 3.6 | 62 | 0.7 | 21.4 |
| 175 | 8R250175 | 0.7 | 1.09 | 10.6 | 42.0 | 1.08 | 4.34 | 0.21 | 9.4 | 133.5 | 348.70 | 2.52 | 6.6 | 15 | 0.10 | 26.0 | 1.15 | 371 | 11.32 | 0.090 | 6.3 | 1120.0 | 5.52 | 1.44 | 0.98 | 7.4 | 1.8 | 124.0 | 0.46 | 7.9 | 0.023 | 0.06 | 2.3 | 64 | 0.8 | 25.5 |
| 176 | 8R250176 | 1.0 | 0.75 | 11.5 | 21.5 | 1.96 | 3.52 | 0.19 | 10.9 | 91.0 | 292.60 | 1.87 | 5.3 | 15 | 0.07 | 48.0 | 0.72 | 304 | 16.37 | 0.075 | 4.4 | 954.0 | 6.15 | 1.02 | 0.76 | 5.4 | 1.5 | 90.5 | 0.42 | 8.8 | 0.007 | 0.04 | 2.6 | 54 | 0.7 | 19.8 |
| 177 | 8R250177 | 0.1 | 1.00 | 1.9 | 44.5 | 0.24 | 0.77 | 0.27 | 6.2 | 85.5 | 22.30 | 2.63 | 10.0 | 15 | 0.14 | 93.5 | 0.77 | 652 | 1.65 | 0.098 | 15.4 | 1112.0 | 31.01 | <0.02 | 0.06 | 2.6 | 1.0 | 46.0 | 0.04 | 34.4 | 0.033 | 0.12 | 3.9 | 36 | 0.5 | 71.6 |
| 178 | 8R250178 | 0.7 | 0.91 | 8.1 | 20.5 | 1.18 | 4.58 | 0.22 | 5.9 | 71.0 | 235.80 | 1.74 | 6.4 | 20 | 0.07 | 32.5 | 1.07 | 410 | 17.41 | 0.082 | 3.1 | 1170.0 | 5.61 | 0.88 | 2.68 | 8.4 | 1.1 | 120.0 | 0.44 | 9.6 | 0.020 | 0.04 | 2.5 | 72 | 0.8 | 26.1 |
| 179 | 8R250179 | 0.7 | 0.89 | 10.0 | 23.0 | 1.44 | 4.28 | 0.22 | 5.4 | 65.0 | 246.00 | 1.77 | 6.0 | 15 | 0.07 | 27.5 | 1.00 | 368 | 11.62 | 0.088 | 3.3 | 1227.0 | 5.41 | 0.96 | 1.54 | 8.3 | 1.2 | 120.5 | 0.64 | 9.2 | 0.020 | 0.02 | 2.3 | 74 | 0.8 | 28.1 |
| 180 | 8R250180 | 0.4 | 0.79 | 9.1 | 23.0 | 0.62 | 4.52 | 0.20 | 2.8 | 68.5 | 97.88 | 1.34 | 4.8 | 15 | 0.07 | 30.0 | 0.86 | 334 | 7.94 | 0.084 | 2.8 | 1210.0 | 5.81 | 0.44 | 1.16 | 9.0 | 0.8 | 147.5 | 0.22 | 8.1 | 0.021 | 0.02 | 2.0 | 64 | 0.8 | 23.5 |
| 181 | 8R250181 | 0.5 | 0.86 | 34.5 | 22.5 | 0.66 | 4.58 | 0.21 | 4.6 | 79.5 | 139.90 | 1.41 | 4.8 | 15 | 0.10 | 33.5 | 0.78 | 397 | 10.15 | 0.061 | 3.1 | 1237.0 | 7.17 | 0.54 | 2.06 | 5.9 | 0.9 | 133.0 | 0.20 | 8.9 | 0.001 | 0.04 | 2.6 | 48 | 0.4 | 22.2 |
| 182 | 8R250182 | 0.3 | 0.74 | 40.4 | 12.5 | 0.40 | 1.30 | 0.04 | 2.7 | 105.0 | 37.95 | 1.84 | 5.1 | 15 | 0.09 | 47.5 | 0.36 | 259 | 16.31 | 0.060 | 3.5 | 224.0 | 8.80 | 0.48 | 1.24 | 4.1 | 1.2 | 47.0 | 0.18 | 9.8 | 0.001 | 0.04 | 3.3 | 6 | 0.2 | 15.4 |
| 183 | 8R250183 | 0.1 | 0.62 | 10.7 | 10.5 | 0.20 | 1.58 | 0.04 | 1.9 | 89.0 | 37.39 | 1.63 | 4.6 | 15 | 0.10 | 51.0 | 0.19 | 301 | 26.64 | 0.066 | 2.7 | 209.0 | 5.90 | 0.36 | 0.84 | 4.9 | 0.9 | 43.0 | 0.06 | 11.6 | 0.002 | 0.04 | 3.3 | 4 | 0.1 | 14.8 |
| 184 | 8R250184 | 0.2 | 0.39 | 24.3 | 7.5 | 1.20 | 0.84 | 0.05 | 2.0 | 83.0 | 52.33 | 1.22 | 3.5 | 15 | 0.09 | 47.0 | 0.09 | 217 | 7.92 | 0.070 | 2.5 | 125.0 | 7.35 | 0.54 | 0.50 | 2.6 | 0.9 | 20.0 | 0.38 | 11.9 | 0.001 | 0.04 | 7.7 | 2 | 0.1 | 12.9 |
| 185 | 8R250185 | 0.2 | 0.59 | 12.3 | 6.5 | 1.14 | 1.23 | 0.05 | 1.7 | 87.0 | 13.08 | 1.80 | 5.3 | 15 | 0.09 | 54.0 | 0.15 | 379 | 15.66 | 0.071 | 2.6 | 153.0 | 9.83 | 0.50 | 0.62 | 5.0 | 1.1 | 27.0 | 0.24 | 11.6 | 0.002 | 0.06 | 7.4 | 2 | 0.2 | 22.9 |
| 186 | 8R250186 | 0.1 | 0.71 | 9.3 | 8.0 | 0.54 | 1.14 | 0.05 | 1.9 | 89.5 | 6.87 | 2.08 | 6.3 | 15 | 0.09 | 56.5 | 0.18 | 417 | 15.24 | 0.074 | 2.8 | 200.0 | 10.64 | 0.34 | 0.46 | 5.8 | 1.1 | 25.0 | 0.12 | 14.4 | 0.003 | 0.04 | 3.6 | 6 | 0.2 | 30.5 |
| 187 | 8R250187 | 0.1 | 2.01 | 3.3 | 140.0 | 0.06 | 1.30 | 0.09 | 28.8 | 1341.0 | 102.50 | 4.68 | 6.8 | 25 | 0.16 | 7.5 | 0.90 | 711 | 21.73 | 0.250 | 1016.0 | 605.0 | 4.52 | 0.04 | 0.68 | 4.6 | 0.3 | 101.0 | 0.02 | 2.9 | 0.115 | 0.06 | 0.6 | 100 | 4.4 | 47.0 |

**QC DATA:**

***Repeat:***

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8R250001 | 1.2 | 1.14 | 13.6 | 4.5 | 2.36 | 2.75 | 0.15 | 24.3 | 91.5 | 894.50 | 8.73 | 5.0 | 20 | 0.01 | 15.5 | 0.20 | 458 | 52.82 | 0.237 | 59.2 | 1123.0 | 2.76 | 2.92 | 0.32 | 3.6 | 4.8 | 29.0 | 1.00 | 1.4 | 0.054 | 0.02 | 1.9 | 110 | 0.6 | 14.3 |
| 10 | 8R250010 | 0.7 | 1.27 | 14.9 | 2.5 | 1.60 | 4.40 | 0.16 | 15.4 | 107.5 | 485.50 | 8.41 | 6.5 | 15 | 0.01 | 25.0 | 0.38 | 689 | 74.66 | 0.195 | 64.3 | 1390.0 | 9.36 | 2.28 | 0.42 | 3.8 | 4.3 | 47.0 | 0.44 | 1.7 | 0.059 | 0.02 | 2.7 | 128 | 0.4 | 20.9 |
| 19 | 8R250019 | 0.2 | 0.62 | 19.1 | 5.5 | 0.20 | 1.71 | 0.05 | 2.8 | 50.5 | 51.21 | 2.62 | 5.6 | 60 | 0.07 | 21.0 | 0.19 | 275 | 5.52 | 0.067 | 5.6 | 185.0 | 4.45 | 0.68 | 0.98 | 7.1 | 1.4 | 28.5 | 0.06 | 5.7 | 0.027 | 0.14 | 1.8 | 10 | 0.4 | 21.9 |
| 36 | 8R250036 | 0.2 | 1.10 | 11.8 | 19.5 | 0.34 | 1.81 | 0.05 | 4.0 | 51.5 | 19.90 | 2.74 | 6.3 | 15 | 0.06 | 13.5 | 0.88 | 289 | 2.01 | 0.065 | 2.4 | 990.0 | 4.17 | 0.50 | 0.80 | 6.3 | 0.8 | 48.0 | 0.10 | 5.5 | 0.078 | 0.08 | 1.4 | 64 | 0.5 | 30.7 |
| 46 | 8R250046 | 0.3 | 0.97 | 18.4 | 8.5 | 0.42 | 3.68 | 0.07 | 2.7 | 54.5 | 69.90 | 1.73 | 5.9 | 15 | 0.03 | 19.0 | 0.96 | 270 | 1.56 | 0.074 | 3.4 | 1284.0 | 4.59 | 0.38 | 0.84 | 9.5 | 1.0 | 91.5 | 0.10 | 6.2 | 0.089 | 0.02 | 1.3 | 74 | 1.0 | 21.4 |
| 54 | 8R250054 | 0.4 | 0.90 | 6.8 | 34.0 | 0.50 | 2.36 | 0.09 | 9.0 | 64.5 | 54.70 | 3.17 | 4.9 | 15 | 0.07 | 12.0 | 0.67 | 331 | 2.79 | 0.110 | 4.9 | 885.0 | 3.31 | 1.46 | 0.62 | 7.9 | 0.6 | 75.5 | 0.12 | 3.8 | 0.077 | 0.04 | 1.2 | 50 | 0.5 | 24.1 |
| 71 | 8R250071 | 0.1 | 0.47 | 7.2 | 23.5 | 0.20 | 0.97 | 0.03 | 1.5 | 138.5 | 13.82 | 1.04 | 3.3 | 15 | 0.08 | 12.0 | 0.20 | 131 | 0.98 | 0.087 | 4.0 | 202.0 | 20.27 | 0.26 | 0.18 | 1.5 | 0.3 | 27.5 | 0.04 | 28.2 | 0.031 | 0.06 | 16.3 | 16 | 0.4 | 12.9 |
| 80 | 8R250080 | 0.2 | 1.25 | 10.2 | 28.0 | 0.80 | 4.80 | 0.07 | 11.3 | 42.0 | 10.67 | 4.09 | 6.2 | 20 | 0.04 | 3.5 | 1.14 | 501 | 1.14 | 0.071 | 3.4 | 1001.0 | 4.77 | 1.90 | 0.44 | 12.4 | 0.3 | 108.0 | 0.06 | 1.2 | 0.073 | 0.06 | 0.4 | 108 | 0.6 | 37.9 |
| 89 | 8R250089 | 1.2 | 1.49 | 16.8 | 6.0 | 1.64 | 2.64 | 0.13 | 30.6 | 142.5 | 627.10 | 8.02 | 5.1 | 20 | 0.03 | 20.5 | 0.45 | 449 | 11.58 | 0.331 | 54.0 | 1226.0 | 7.02 | 2.92 | 0.42 | 7.5 | 5.9 | 52.0 | 0.54 | 5.3 | 0.061 | 0.06 | 3.3 | 122 | 0.7 | 40.4 |
| 106 | 8R250106 | 0.1 | 0.64 | 5.8 | 9.0 | 0.18 | 1.50 | 0.06 | 1.4 | 98.0 | 7.90 | 2.48 | 5.6 | 15 | 0.07 | 26.5 | 0.14 | 276 | 9.57 | 0.071 | 3.3 | 176.0 | 7.17 | 0.26 | 0.26 | 8.6 | 0.8 | 25.5 | 0.04 | 9.8 | 0.030 | 0.04 | 2.6 | 10 | 0.6 | 26.4 |
| 115 | 8R250115 | 0.3 | 1.05 | 6.6 | 55.0 | 0.56 | 3.40 | 0.10 | 7.4 | 68.5 | 8.26 | 3.24 | 5.7 | 15 | 0.06 | 4.0 | 0.96 | 410 | 1.41 | 0.096 | 4.4 | 742.0 | 7.29 | 0.72 | 0.40 | 11.4 | 0.2 | 114.5 | 0.18 | 1.6 | 0.074 | 0.06 | 0.8 | 98 | 0.5 | 24.7 |
| 124 | 8R250124 | 0.2 | 0.85 | 8.1 | 37.5 | 0.82 | 1.98 | 0.05 | 15.3 | 71.0 | 2.53 | 3.36 | 3.7 | 15 | 0.07 | 3.0 | 1.00 | 277 | 1.40 | 0.115 | 4.9 | 928.0 | 4.59 | 1.74 | 0.42 | 5.5 | 0.2 | 72.0 | 0.26 | 0.6 | 0.101 | 0.08 | 0.5 | 78 | 0.3 | 16.4 |
| 141 | 8R250141 | 0.2 | 0.70 | 8.7 | 27.5 | 0.76 | 2.34 | 0.08 | 13.9 | 65.5 | 13.08 | 3.39 | 3.6 | 20 | 0.05 | 3.5 | 0.43 | 163 | 2.99 | 0.129 | 5.6 | 1071.0 | 3.11 | 2.48 | 0.38 | 2.1 | 0.2 | 67.0 | 0.14 | 1.2 | 0.089 | 0.04 | 0.6 | 48 | 0.5 | 19.7 |
| 150 | 8R250150 | 0.4 | 1.22 | 16.5 | 34.0 | 0.98 | 2.37 | 0.12 | 10.3 | 103.0 | 118.10 | 2.79 | 7.5 | 20 | 0.09 | 23.5 | 0.94 | 508 | 4.97 | 0.106 | 7.0 | 1250.0 | 15.47 | 0.58 | 0.92 | 8.3 | 0.9 | 55.0 | 0.18 | 8.0 | 0.061 | 0.10 | 1.8 | 64 | 1.0 | 43.6 |
| 160 | 8R250160 | 6.0 | 1.39 | 109.5 | 3.0 | 8.76 | 0.19 | 0.50 | 121.9 | 46.5 | 3721.00 | >40 | 7.6 | 25 | 0.03 | 25.0 | 0.43 | 362 | 89.36 | 0.045 | 142.7 | 319.0 | 23.76 | 9.62 | 3.52 | 3.0 | 6.7 | 5.5 | 1.98 | 3.7 | 0.005 | 0.16 | 1.2 | 44 | 7.1 | 57.2 |
| 176 | 8R250176 | 1.0 | 0.79 | 12.0 | 23.0 | 1.96 | 3.62 | 0.21 | 11.3 | 93.0 | 303.50 | 1.93 | 5.6 | 15 | 0.08 | 51.0 | 0.73 | 314 | 17.51 | 0.077 | 4.4 | 951.0 | 6.05 | 1.06 | 0.80 | 5.7 | 1.5 | 94.0 | 0.40 | 9.5 | 0.008 | 0.02 | 2.7 | 56 | 0.6 | 19.8 |
| 185 | 8R250185 | 0.2 | 0.59 | 12.2 | 7.0 | 1.12 | 1.24 | 0.04 | 1.7 | 89.5 | 13.51 | 1.81 | 5.1 | 15 | 0.08 | 55.0 | 0.15 | 378 | 16.41 | 0.068 | 3.0 | 155.0 | 8.96 | 0.48 | 0.66 | 5.0 | 1.0 | 27.0 | 0.24 | 11.9 | 0.002 | 0.04 | 7.8 | 2 | 0.2 | 23.9 |

***Resplit:***

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8R250001 | 1.4 | 1.07 | 13.3 | 3.5 | 2.12 | 2.51 | 0.13 | 21.2 | 79.5 | 936.00 | 8.24 | 4.4 | 15 | 0.01 | 15.0 | 0.19 | 417 | 60.61 | 0.229 | 56.6 | 1098.0 | 2.27 | 3.12 | 0.32 | 3.3 | 4.7 | 27.0 | 0.94 | 1.7 | 0.051 | 0.02 | 1.8 | 100 | 0.5 | 15.8 |
| 36 | 8R250036 | 0.2 | 1.19 | 13.1 | 23.5 | 0.40 | 2.03 | 0.05 | 4.4 | 58.0 | 22.50 | 2.85 | 6.8 | 20 | 0.07 | 15.5 | 0.93 | 301 | 2.33 | 0.072 | 3.1 | 1021.0 | 4.23 | 0.58 | 0.90 | 6.6 | 0.9 | 56.0 | 0.12 | 6.2 | 0.083 | 0.08 | 1.6 | 68 | 0.5 | 32.6 |
| 71 | 8R250071 | 0.1 | 0.47 | 6.8 | 20.0 | 0.20 | 0.99 | 0.04 | 1.4 | 117.5 | 15.00 | 1.04 | 3.4 | 20 | 0.06 | 12.5 | 0.21 | 135 | 1.19 | 0.083 | 3.1 | 217.0 | 19.53 | 0.26 | 0.16 | 1.7 | 0.3 | 27.5 | 0.04 | 29.3 | 0.033 | 0.04 | 16.7 | 18 | 0.3 | 13.9 |
| 106 | 8R250106 | 0.1 | 0.64 | 7.2 | 9.5 | 0.22 | 1.54 | 0.05 | 1.5 | 109.5 | 8.30 | 2.55 | 5.6 | 20 | 0.08 | 28.5 | 0.13 | 282 | 8.20 | 0.070 | 4.7 | 181.0 | 6.82 | 0.26 | 0.26 | 8.5 | 0.9 | 26.0 | 0.02 | 11.6 | 0.031 | 0.04 | 2.9 | 10 | 0.5 | 26.8 |
| 141 | 8R250141 | 0.2 | 0.75 | 8.8 | 32.5 | 0.80 | 2.50 | 0.09 | 14.4 | 71.0 | 13.68 | 3.51 | 3.9 | 15 | 0.05 | 3.5 | 0.43 | 171 | 2.20 | 0.135 | 6.7 | 1072.0 | 3.39 | 2.54 | 0.40 | 2.2 | 0.2 | 71.0 | 0.16 | 1.3 | 0.095 | 0.02 | 0.7 | 52 | 0.4 | 16.9 |
| 176 | 8R250176 | 0.9 | 0.84 | 12.6 | 22.0 | 1.60 | 3.73 | 0.17 | 11.9 | 86.5 | 311.00 | 2.04 | 5.6 | 15 | 0.08 | 49.5 | 0.78 | 327 | 18.53 | 0.077 | 4.6 | 963.0 | 5.50 | 1.14 | 0.82 | 6.0 | 1.5 | 98.0 | 0.38 | 10.2 | 0.008 | 0.02 | 2.8 | 60 | 0.7 | 20.5 |




| Et #. | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppb | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Se ppm | Sr ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***Standard:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pb129a | 11.9 | 0.87 | 5.8 | 63.5 | 0.42 | 0.48 | 56.38 | 4.9 | 10.5 | 1401.00 | 1.59 | 2.3 | 80 | 0.08 | 4.0 | 0.67 | 379 | 1.90 | 0.047 | 5.2 | 437.0 | 6079.00 | 0.88 | 16.24 | 0.7 | 0.2 | 29.5 | 0.14 | 0.6 | 0.032 | 0.04 | 0.1 | 17 | 0.1 | >10000 |
| Pb129a | 11.6 | 0.84 | 5.8 | 65.5 | 0.42 | 0.49 | 55.93 | 4.9 | 11.0 | 1414.00 | 1.58 | 2.4 | 80 | 0.08 | 4.0 | 0.65 | 378 | 1.89 | 0.049 | 5.1 | 429.0 | 6123.00 | 0.89 | 16.82 | 0.7 | 0.2 | 28.5 | 0.16 | 0.5 | 0.033 | 0.02 | 0.1 | 17 | 0.1 | >10000 |
| Pb129a | 11.5 | 0.80 | 5.7 | 64.5 | 0.40 | 0.45 | 57.88 | 5.3 | 11.0 | 1442.00 | 1.51 | 2.3 | 85 | 0.08 | 4.0 | 0.69 | 370 | 1.91 | 0.050 | 5.5 | 444.0 | 6147.00 | 0.85 | 15.16 | 0.9 | 0.2 | 29.5 | 0.16 | 0.7 | 0.033 | 0.04 | 0.1 | 18 | 0.1 | 9996.0 |
| Pb129a | 11.4 | 0.83 | 5.7 | 67.0 | 0.40 | 0.47 | 57.95 | 5.2 | 11.0 | 1405.00 | 1.55 | 2.1 | 80 | 0.08 | 4.0 | 0.66 | 365 | 1.90 | 0.047 | 5.4 | 437.0 | 6233.00 | 0.87 | 15.42 | 0.8 | 0.2 | 28.5 | 0.14 | 0.6 | 0.031 | 0.02 | 0.1 | 18 | 0.1 | 9930.0 |
| Pb129a | 12.0 | 0.86 | 6.4 | 67.5 | 0.48 | 0.50 | 59.18 | 5.2 | 11.5 | 1423.00 | 1.56 | 2.5 | 80 | 0.07 | 4.5 | 0.68 | 368 | 1.96 | 0.052 | 5.5 | 444.0 | 6134.00 | 0.82 | 15.92 | 0.7 | 0.3 | 30.0 | 0.18 | 0.5 | 0.034 | 0.02 | 0.1 | 18 | 0.1 | >10000 |
| Pb129a | 11.7 | 0.86 | 6.3 | 64.0 | 0.46 | 0.50 | 59.33 | 5.2 | 11.5 | 1413.00 | 1.55 | 2.5 | 80 | 0.07 | 4.0 | 0.67 | 366 | 2.01 | 0.052 | 5.5 | 429.0 | 6117.00 | 0.80 | 16.98 | 0.9 | 0.2 | 31.0 | 0.16 | 0.7 | 0.034 | 0.02 | 0.1 | 18 | 0.1 | >10000 |

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04-Dec-08

**Alex Stewart Geochemical**
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**ICP CERTIFICATE OF ANALYSIS AW 2008- 1888**

**Kingsman Resources**
3177 Westmount Pl
**West Vancouver, BC**
V7V 3G4

*No. of samples received: 242*
*Sample Type: Core*
***Project: Pathfinder***
*Submitted by: Bernie Augsten*

***Values in ppm unless otherwise reported***

| Et #. | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppb | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Se ppm | Sr ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8R250188 | 0.3 | 1.30 | 4.4 | 24.5 | 0.72 | 2.51 | 0.14 | 8.3 | 50.0 | 70.60 | 2.86 | 8.4 | 5 | 0.06 | 19.5 | 1.07 | 458 | 3.31 | 0.087 | 3.5 | 1110.0 | 7.93 | 0.18 | 0.46 | 8.9 | 0.6 | 96.5 | 0.08 | 7.9 | 0.084 | 0.06 | 1.6 | 96 | 0.9 | 39.1 |
| 2 | 8R250189 | 7.9 | 1.30 | 9.4 | 18.5 | 0.74 | 3.08 | 0.70 | 18.0 | 46.0 | 2510.00 | 3.47 | 9.1 | 10 | 0.05 | 28.5 | 1.17 | 427 | 20.48 | 0.078 | 6.2 | 1222.0 | 7.06 | 1.10 | 0.82 | 8.4 | 1.0 | 116.5 | 0.10 | 8.2 | 0.066 | 0.10 | 2.0 | 96 | 2.2 | 50.6 |
| 3 | 8R250190 | 0.9 | 1.17 | 10.5 | 23.0 | 0.60 | 2.25 | 0.35 | 7.5 | 56.5 | 212.50 | 2.76 | 7.4 | 5 | 0.07 | 22.0 | 0.87 | 429 | 6.04 | 0.077 | 3.0 | 1000.0 | 33.11 | 0.64 | 0.82 | 6.1 | 0.8 | 67.0 | 0.08 | 8.2 | 0.052 | 0.08 | 2.6 | 64 | 1.0 | 73.0 |
| 4 | 8R250191 | 1.4 | 1.08 | 12.5 | 25.0 | 1.36 | 2.55 | 0.39 | 8.2 | 62.0 | 404.20 | 2.73 | 6.3 | 10 | 0.07 | 19.0 | 0.91 | 442 | 6.13 | 0.086 | 4.0 | 1035.0 | 45.65 | 1.12 | 0.68 | 7.2 | 1.0 | 68.5 | 0.16 | 6.9 | 0.066 | 0.08 | 1.8 | 64 | 1.2 | 57.8 |
| 5 | 8R250192 | 0.7 | 0.97 | 13.1 | 25.0 | 0.84 | 2.50 | 0.20 | 4.0 | 58.5 | 215.60 | 2.08 | 6.0 | 5 | 0.07 | 19.0 | 0.87 | 475 | 4.43 | 0.083 | 2.5 | 972.0 | 18.98 | 0.66 | 0.62 | 6.8 | 0.9 | 65.5 | 0.14 | 6.5 | 0.060 | 0.06 | 1.8 | 66 | 1.3 | 39.2 |
| 6 | 8R250193 | 0.7 | 0.99 | 13.6 | 24.5 | 0.82 | 2.62 | 0.23 | 4.3 | 62.0 | 210.60 | 2.16 | 6.0 | 5 | 0.07 | 19.5 | 0.90 | 494 | 5.35 | 0.079 | 2.6 | 1031.0 | 18.87 | 0.66 | 0.60 | 7.2 | 0.8 | 67.0 | 0.14 | 6.6 | 0.061 | 0.06 | 1.8 | 68 | 1.8 | 42.5 |
| 7 | 8R250194 | 1.2 | 0.99 | 24.3 | 20.0 | 1.68 | 2.44 | 1.74 | 21.2 | 56.0 | 205.10 | 3.03 | 6.2 | 5 | 0.05 | 17.5 | 0.85 | 485 | 11.83 | 0.073 | 3.3 | 986.0 | 132.20 | 1.42 | 0.96 | 8.0 | 1.1 | 68.0 | 0.18 | 6.2 | 0.055 | 0.08 | 1.6 | 62 | 0.8 | 341.6 |
| 8 | 8R250195 | 1.0 | 0.93 | 15.5 | 17.0 | 1.50 | 2.20 | 0.46 | 11.3 | 55.0 | 221.60 | 2.51 | 5.9 | 5 | 0.06 | 18.5 | 0.77 | 459 | 2.25 | 0.078 | 2.8 | 966.0 | 107.60 | 0.98 | 0.74 | 6.9 | 0.9 | 50.5 | 0.24 | 6.8 | 0.058 | 0.06 | 1.9 | 54 | 1.7 | 98.6 |
| 9 | 8R250196 | 0.8 | 0.90 | 8.9 | 15.5 | 0.72 | 2.62 | 0.15 | 5.6 | 51.5 | 462.10 | 2.40 | 6.2 | 5 | 0.05 | 22.5 | 0.73 | 351 | 5.56 | 0.074 | 3.6 | 970.0 | 8.70 | 0.82 | 2.00 | 6.3 | 1.0 | 76.0 | 0.28 | 5.9 | 0.063 | 0.06 | 1.7 | 58 | 0.8 | 26.1 |
| 10 | 8R250197 | 0.7 | 0.83 | 5.3 | 9.0 | 0.80 | 3.11 | 0.17 | 2.6 | 62.0 | 301.60 | 1.80 | 6.5 | 5 | 0.04 | 35.5 | 0.63 | 338 | 16.28 | 0.079 | 2.3 | 893.0 | 6.78 | 0.46 | 0.40 | 8.3 | 1.4 | 77.5 | 0.18 | 6.5 | 0.068 | 0.02 | 2.7 | 60 | 0.8 | 29.3 |
| 11 | 8R250198 | 0.2 | 0.88 | 5.2 | 14.5 | 0.30 | 2.49 | 0.13 | 5.1 | 64.5 | 49.54 | 1.96 | 6.2 | <5 | 0.06 | 24.0 | 0.66 | 404 | 2.38 | 0.084 | 2.8 | 782.0 | 9.06 | 0.38 | 0.34 | 6.9 | 0.9 | 65.5 | 0.06 | 9.5 | 0.045 | 0.04 | 5.3 | 48 | 0.6 | 35.1 |
| 12 | 8R250199 | 0.1 | 0.99 | 2.1 | 32.0 | 0.26 | 0.54 | 0.25 | 5.4 | 75.0 | 26.31 | 2.59 | 10.5 | 5 | 0.13 | 90.5 | 0.68 | 643 | 2.56 | 0.093 | 13.3 | 941.0 | 36.92 | <0.02 | 0.10 | 2.3 | 1.3 | 39.0 | 0.02 | 33.0 | 0.030 | 0.10 | 3.6 | 32 | 0.4 | 69.0 |
| 13 | 8R250200 | 0.4 | 0.73 | 4.9 | 10.0 | 0.48 | 2.84 | 0.08 | 10.6 | 61.5 | 178.60 | 2.17 | 5.8 | 5 | 0.05 | 30.0 | 0.60 | 359 | 5.53 | 0.074 | 4.1 | 681.0 | 5.66 | 1.00 | 0.36 | 6.0 | 1.1 | 71.5 | 0.10 | 9.5 | 0.041 | 0.04 | 4.6 | 50 | 0.7 | 18.7 |
| 14 | 8R251651 | 0.3 | 1.02 | 8.3 | 15.0 | 0.32 | 2.62 | 0.07 | 5.8 | 48.5 | 50.37 | 2.34 | 6.1 | 5 | 0.07 | 20.0 | 0.65 | 374 | 3.82 | 0.063 | 2.4 | 767.0 | 8.22 | 0.40 | 0.60 | 4.4 | 0.8 | 71.0 | 0.16 | 7.5 | 0.032 | 0.04 | 4.6 | 40 | 0.5 | 24.8 |
| 15 | 8R251652 | 0.2 | 1.12 | 5.9 | 18.5 | 0.28 | 2.78 | 0.08 | 4.6 | 48.0 | 23.77 | 2.42 | 7.1 | <5 | 0.07 | 23.0 | 0.77 | 383 | 2.81 | 0.069 | 2.3 | 908.0 | 7.39 | 0.22 | 0.42 | 4.8 | 0.9 | 84.0 | 0.12 | 8.2 | 0.041 | 0.04 | 2.1 | 52 | 0.4 | 25.6 |
| 16 | 8R251653 | 0.1 | 1.30 | 7.6 | 20.5 | 1.70 | 1.81 | 0.03 | 5.5 | 57.0 | 14.29 | 3.05 | 8.1 | <5 | 0.06 | 24.0 | 0.92 | 390 | 2.40 | 0.079 | 2.6 | 931.0 | 5.52 | 0.24 | 0.44 | 6.0 | 0.7 | 55.5 | 0.66 | 9.2 | 0.068 | 0.04 | 2.2 | 70 | 0.5 | 24.8 |
| 17 | 8R251654 | 0.7 | 1.68 | 17.8 | 27.5 | 1.98 | 3.28 | 2.81 | 15.3 | 53.5 | 52.92 | 5.49 | 5.8 | <5 | 0.05 | 5.0 | 0.67 | 422 | 9.71 | 0.332 | 11.3 | 1247.0 | 389.60 | 3.00 | 1.02 | 5.6 | 0.4 | 108.5 | 0.06 | 1.8 | 0.065 | 0.06 | 0.7 | 58 | 1.3 | 513.5 |
| 18 | 8R251655 | 0.5 | 1.08 | 12.0 | 27.5 | 0.60 | 3.99 | 0.12 | 6.2 | 75.5 | 48.16 | 2.54 | 7.0 | 5 | 0.06 | 28.0 | 0.83 | 570 | 4.97 | 0.076 | 4.1 | 960.0 | 13.66 | 0.56 | 0.74 | 7.8 | 1.3 | 114.5 | 0.24 | 7.4 | 0.051 | 0.06 | 3.3 | 66 | 0.7 | 31.2 |
| 19 | 8R251656 | 0.2 | 1.50 | 16.6 | 30.0 | 1.54 | 3.81 | 0.17 | 13.2 | 41.0 | 22.64 | 3.84 | 5.3 | 5 | 0.04 | 5.0 | 0.68 | 367 | 8.11 | 0.345 | 7.1 | 1150.0 | 9.39 | 1.92 | 0.54 | 5.3 | 0.3 | 112.0 | 0.04 | 1.4 | 0.078 | 0.06 | 0.6 | 64 | 2.5 | 32.0 |
| 20 | 8R251657 | 0.3 | 1.33 | 25.7 | 23.5 | 1.28 | 5.43 | 0.08 | 10.1 | 53.0 | 23.74 | 3.76 | 7.4 | 5 | 0.07 | 21.0 | 0.79 | 794 | 9.31 | 0.177 | 8.7 | 947.0 | 17.57 | 1.72 | 0.92 | 6.7 | 0.5 | 154.0 | 0.10 | 7.1 | 0.078 | 0.08 | 1.6 | 64 | 1.0 | 49.9 |
| 21 | 8R251658 | 0.2 | 1.69 | 15.8 | 17.5 | 1.48 | 4.60 | 0.06 | 13.9 | 34.0 | 16.82 | 3.13 | 5.1 | 5 | 0.04 | 4.5 | 0.56 | 373 | 3.58 | 0.451 | 8.0 | 1204.0 | 6.12 | 1.98 | 0.48 | 4.3 | 0.3 | 163.0 | 0.04 | 1.5 | 0.062 | 0.04 | 0.7 | 56 | 5.0 | 24.1 |
| 22 | 8R251659 | 0.2 | 1.53 | 15.3 | 24.5 | 1.62 | 4.02 | 0.27 | 13.6 | 27.0 | 23.38 | 3.28 | 4.8 | <5 | 0.04 | 4.0 | 0.48 | 266 | 6.19 | 0.408 | 6.4 | 1142.0 | 10.74 | 2.04 | 0.66 | 3.4 | 0.4 | 131.5 | 0.04 | 1.2 | 0.061 | 0.04 | 0.5 | 44 | 1.4 | 34.2 |
| 23 | 8R251660 | 0.1 | 2.17 | 15.0 | 17.0 | 1.08 | 5.51 | 0.05 | 12.9 | 27.0 | 21.47 | 3.17 | 6.4 | 5 | 0.04 | 4.5 | 0.81 | 464 | 3.87 | 0.543 | 7.1 | 1146.0 | 5.30 | 1.54 | 0.56 | 5.3 | 0.3 | 189.0 | 0.04 | 1.2 | 0.061 | 0.04 | 0.6 | 74 | 5.8 | 26.0 |
| 24 | 8R251661 | 0.1 | 2.23 | 14.8 | 23.0 | 1.14 | 6.18 | 0.04 | 13.4 | 46.5 | 21.89 | 3.44 | 7.2 | <5 | 0.04 | 5.0 | 0.88 | 534 | 6.15 | 0.514 | 7.3 | 1149.0 | 6.23 | 1.58 | 0.58 | 6.4 | 0.2 | 196.5 | 0.02 | 1.3 | 0.082 | 0.04 | 0.7 | 90 | 1.7 | 27.6 |
| 25 | 8R251662 | 0.3 | 1.84 | 13.3 | 17.0 | 1.18 | 5.93 | 0.09 | 13.0 | 43.5 | 16.68 | 3.38 | 6.5 | <5 | 0.03 | 5.0 | 0.78 | 449 | 3.79 | 0.418 | 7.2 | 1102.0 | 7.07 | 1.88 | 0.58 | 5.0 | 0.2 | 148.0 | 0.04 | 1.2 | 0.074 | 0.02 | 0.7 | 68 | 1.1 | 28.6 |
| 26 | 8R251663 | 0.2 | 1.46 | 15.6 | 23.0 | 1.12 | 5.07 | 0.12 | 14.0 | 26.0 | 29.36 | 3.92 | 6.0 | <5 | 0.04 | 4.5 | 0.77 | 477 | 7.86 | 0.310 | 5.8 | 1159.0 | 7.27 | 2.08 | 0.84 | 7.7 | 0.3 | 129.5 | 0.02 | 1.0 | 0.063 | 0.04 | 0.5 | 72 | 1.3 | 31.0 |
| 27 | 8R251664 | 0.3 | 1.53 | 18.1 | 14.0 | 1.32 | 7.52 | 0.42 | 12.5 | 31.0 | 25.56 | 4.25 | 8.0 | <5 | 0.04 | 5.0 | 1.29 | 856 | 8.33 | 0.122 | 5.8 | 1118.0 | 31.22 | 1.60 | 1.16 | 11.4 | 0.4 | 148.0 | 0.02 | 1.1 | 0.073 | 0.08 | 0.6 | 110 | 1.1 | 92.5 |
| 28 | 8R251665 | 0.2 | 1.24 | 19.4 | 20.5 | 1.10 | 6.36 | 0.09 | 13.6 | 32.5 | 28.63 | 3.95 | 6.6 | <5 | 0.05 | 5.0 | 1.03 | 666 | 7.48 | 0.105 | 5.7 | 1074.0 | 10.31 | 1.70 | 0.82 | 10.6 | 0.3 | 157.0 | 0.02 | 1.1 | 0.078 | 0.08 | 0.5 | 100 | 1.0 | 42.2 |
| 29 | 8R251666 | 0.2 | 2.38 | 8.0 | 31.5 | 0.04 | 4.05 | 0.10 | 22.2 | 208.0 | 46.19 | 5.28 | 14.8 | <5 | 0.05 | 39.5 | 2.95 | 931 | 2.28 | 0.084 | 67.3 | 2258.0 | 18.51 | 0.24 | 0.34 | 12.1 | 0.9 | 206.0 | 0.02 | 6.2 | 0.164 | 0.06 | 1.0 | 138 | 0.8 | 87.0 |
| 30 | 8R251667 | 0.1 | 1.02 | 2.0 | 37.0 | 0.28 | 0.57 | 0.29 | 5.4 | 82.0 | 28.65 | 2.58 | 10.1 | 5 | 0.14 | 92.0 | 0.69 | 636 | 2.91 | 0.098 | 13.7 | 959.0 | 34.18 | <0.02 | 0.10 | 2.3 | 1.4 | 43.0 | 0.02 | 33.1 | 0.027 | 0.08 | 3.8 | 32 | 0.4 | 70.4 |

**ECO TECH LABORATORY LTD.** **ICP CERTIFICATE OF ANALYSIS AW 2008- 1888** **Kingsman Resources**

| Et # | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppb | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Se ppm | Sr ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 8R251668 | 24.2 | 1.46 | 16.0 | 36.0 | 2.00 | 1.87 | 0.78 | 31.0 | 92.5 | 7984.00 | 7.29 | 8.6 | 10 | 0.09 | 41.0 | 1.21 | 435 | 28.48 | 0.105 | 19.9 | 1498.0 | 8.24 | 3.22 | 1.24 | 8.5 | 1.3 | 58.5 | 0.06 | 2.2 | 0.131 | 0.10 | 1.3 | 116 | 2.3 | 42.5 |
| 32 | 8R251669 | 28.0 | 0.29 | 6.5 | 8.5 | 2.76 | 1.03 | 1.38 | 408.0 | 24.5 | >10000 | >40 | 1.7 | 5 | 0.02 | 9.0 | 0.20 | 242 | 18.23 | 0.036 | 132.8 | 379.0 | 3.30 | 6.02 | 0.68 | 0.8 | 5.6 | 14.0 | 0.12 | 0.3 | 0.008 | 0.14 | 0.2 | 76 | 1.8 | 70.8 |
| 33 | 8R251670 | 4.7 | 0.84 | 6.9 | 13.5 | 0.92 | 2.41 | 0.49 | 30.3 | 59.0 | 1635.00 | 4.25 | 5.9 | <5 | 0.05 | 35.0 | 0.99 | 299 | 2.61 | 0.108 | 10.4 | 1297.0 | 6.28 | 2.36 | 0.90 | 3.6 | 1.0 | 61.5 | 0.06 | 0.5 | 0.091 | 0.04 | 0.7 | 66 | 0.7 | 30.8 |
| 34 | 8R251671 | 15.3 | 0.78 | 7.6 | 14.0 | 1.20 | 2.35 | 0.54 | 71.0 | 60.0 | 4882.00 | 7.12 | 5.4 | 5 | 0.05 | 29.5 | 0.88 | 283 | 38.94 | 0.098 | 20.5 | 1433.0 | 4.95 | 4.36 | 0.96 | 3.7 | 2.3 | 54.5 | 0.08 | 1.5 | 0.083 | 0.06 | 4.0 | 94 | 1.5 | 29.2 |
| 35 | 8R251672 | 1.8 | 0.73 | 7.9 | 8.0 | 0.48 | 3.59 | 0.34 | 20.9 | 58.0 | 490.90 | 3.26 | 4.9 | <5 | 0.03 | 22.5 | 1.03 | 316 | 15.76 | 0.078 | 12.4 | 1456.0 | 7.10 | 2.18 | 0.52 | 6.6 | 1.6 | 82.0 | 0.08 | 1.8 | 0.090 | 0.02 | 1.2 | 84 | 0.6 | 27.9 |
| 36 | 8R251673 | 0.5 | 1.18 | 7.2 | 4.5 | 0.26 | 3.89 | 0.12 | 15.9 | 78.5 | 144.30 | 4.06 | 7.2 | 5 | 0.03 | 10.5 | 1.44 | 512 | 4.05 | 0.082 | 19.3 | 1462.0 | 3.53 | 0.90 | 0.56 | 8.6 | 0.6 | 81.0 | 0.12 | 0.8 | 0.096 | 0.04 | 0.8 | 108 | 0.5 | 26.5 |
| 37 | 8R251674 | 0.3 | 0.98 | 6.7 | 5.0 | 0.28 | 3.34 | 0.05 | 16.1 | 83.0 | 120.40 | 3.83 | 5.4 | <5 | 0.03 | 8.0 | 1.29 | 426 | 1.38 | 0.104 | 21.8 | 1460.0 | 3.85 | 0.84 | 0.62 | 8.1 | 0.7 | 77.5 | 0.12 | 0.5 | 0.115 | 0.04 | 0.8 | 96 | 0.6 | 18.3 |
| 38 | 8R251675 | 0.5 | 1.12 | 10.6 | 6.0 | 0.52 | 3.96 | 0.11 | 17.8 | 94.5 | 183.10 | 4.16 | 7.2 | <5 | 0.04 | 12.5 | 1.36 | 533 | 5.82 | 0.093 | 24.3 | 1383.0 | 5.84 | 1.36 | 0.98 | 10.4 | 1.7 | 122.0 | 0.10 | 2.8 | 0.094 | 0.08 | 2.3 | 114 | 0.3 | 30.7 |
| 39 | 8R251676 | 0.1 | 1.03 | 4.3 | 21.5 | 0.10 | 1.50 | 0.11 | 7.1 | 62.0 | 4.40 | 2.69 | 11.5 | 5 | 0.05 | 76.5 | 0.79 | 510 | 4.94 | 0.068 | 10.8 | 1020.0 | 27.41 | 0.24 | 0.70 | 3.1 | 1.1 | 69.0 | <0.02 | 17.5 | 0.046 | 0.04 | 3.4 | 44 | 0.4 | 70.7 |
| 40 | 8R251677 | 5.9 | 0.25 | 427.1 | 24.5 | <0.02 | 0.09 | 0.06 | 20.7 | 1112.0 | 58.80 | 3.07 | 1.5 | 7965 | 0.11 | 6.5 | 0.06 | 217 | 20.37 | 0.034 | 865.7 | 270.0 | 5.48 | 1.66 | 76.64 | 1.2 | 19.9 | 5.0 | <0.02 | 0.8 | 0.001 | 11.02 | <0.1 | 14 | 4.4 | 32.6 |
| 41 | 8R251678 | 0.1 | 0.53 | 5.5 | 9.0 | 0.14 | 0.76 | 0.03 | 1.9 | 75.0 | 14.38 | 2.25 | 4.8 | 135 | 0.08 | 23.5 | 0.21 | 237 | 19.04 | 0.069 | 3.2 | 195.0 | 5.84 | 0.58 | 0.34 | 2.4 | 1.1 | 18.5 | 0.04 | 15.9 | 0.016 | 0.12 | 3.3 | 10 | 0.3 | 23.6 |
| 42 | 8R251679 | 0.1 | 1.69 | 3.5 | 57.5 | 0.12 | 1.23 | <0.01 | 15.7 | 65.5 | 20.74 | 5.30 | 9.1 | 70 | 0.16 | 5.5 | 1.53 | 653 | 1.93 | 0.065 | 8.7 | 1131.0 | 3.75 | 0.74 | 0.28 | 9.4 | 0.9 | 41.5 | 0.06 | 2.8 | 0.100 | 0.14 | 0.8 | 152 | 0.3 | 37.5 |
| 43 | 8R251680 | 0.1 | 1.80 | 1.3 | 43.5 | <0.02 | 1.38 | 0.01 | 12.1 | 88.5 | 2.61 | 5.28 | 10.8 | 50 | 0.11 | 6.5 | 1.51 | 567 | 0.55 | 0.073 | 8.7 | 853.0 | 2.44 | 0.28 | 0.18 | 9.2 | 0.6 | 47.0 | <0.02 | 3.9 | 0.082 | 0.10 | 0.9 | 158 | 0.3 | 35.4 |
| 44 | 8R251681 | 0.2 | 2.03 | 0.8 | 53.5 | 0.04 | 1.54 | 0.03 | 13.4 | 59.0 | 14.04 | 5.46 | 11.3 | 40 | 0.16 | 7.0 | 1.57 | 552 | 1.46 | 0.068 | 8.9 | 849.0 | 3.12 | 0.26 | 0.12 | 9.1 | 0.5 | 47.5 | 0.02 | 3.3 | 0.037 | 0.12 | 2.3 | 148 | 0.3 | 49.4 |
| 45 | 8R251682 | 0.2 | 2.14 | 1.5 | 30.0 | <0.02 | 3.86 | 0.07 | 18.8 | 110.0 | 56.58 | 4.43 | 11.4 | 35 | 0.13 | 38.0 | 2.07 | 812 | 2.61 | 0.051 | 47.1 | 1769.0 | 5.16 | 0.30 | 0.24 | 6.5 | 0.8 | 118.0 | <0.02 | 1.7 | 0.002 | 0.08 | 0.6 | 70 | 0.4 | 74.2 |
| 46 | 8R251683 | 0.2 | 2.18 | 1.6 | 35.0 | <0.02 | 3.75 | 0.06 | 19.0 | 119.5 | 50.21 | 4.52 | 12.0 | 30 | 0.15 | 39.0 | 2.07 | 806 | 2.91 | 0.059 | 47.3 | 1790.0 | 4.52 | 0.30 | 0.24 | 6.8 | 0.8 | 115.0 | <0.02 | 2.0 | 0.002 | 0.08 | 0.8 | 72 | 0.3 | 75.9 |
| 47 | 8R251684 | 0.1 | 0.81 | 2.2 | 12.0 | 0.18 | 2.25 | 0.12 | 3.4 | 77.5 | 29.50 | 3.60 | 8.4 | 20 | 0.08 | 56.5 | 0.38 | 507 | 50.19 | 0.070 | 4.4 | 300.0 | 6.66 | 0.66 | 0.20 | 7.9 | 1.5 | 58.5 | 0.04 | 10.8 | 0.006 | 0.04 | 2.9 | 14 | 0.4 | 35.7 |
| 48 | 8R251685 | 0.2 | 0.98 | 11.6 | 27.0 | 0.38 | 2.22 | 0.05 | 8.9 | 61.5 | 83.29 | 3.73 | 6.3 | 15 | 0.07 | 9.5 | 0.80 | 384 | 3.91 | 0.081 | 6.1 | 728.0 | 4.55 | 1.02 | 0.54 | 9.0 | 0.4 | 69.0 | 0.02 | 8.2 | 0.044 | 0.08 | 7.7 | 94 | 0.3 | 21.1 |
| 49 | 8R251686 | 0.1 | 1.08 | 4.7 | 30.5 | 0.52 | 3.48 | 0.06 | 8.6 | 64.0 | 32.14 | 3.92 | 6.6 | 10 | 0.04 | 7.0 | 1.03 | 479 | 3.57 | 0.099 | 6.0 | 922.0 | 3.71 | 1.26 | 0.58 | 11.8 | 0.4 | 108.5 | 0.02 | 3.6 | 0.057 | 0.06 | 2.6 | 120 | 0.4 | 26.9 |
| 50 | 8R251687 | 0.2 | 1.36 | 8.2 | 39.0 | 1.68 | 5.22 | 0.13 | 13.5 | 46.5 | 33.02 | 4.95 | 6.5 | 15 | 0.04 | 5.5 | 0.96 | 756 | 5.22 | 0.185 | 7.3 | 1112.0 | 4.07 | 2.04 | 0.62 | 9.7 | 0.8 | 158.5 | 0.10 | 1.0 | 0.070 | 0.06 | 0.5 | 104 | 0.9 | 50.1 |
| 51 | 8R251688 | 0.2 | 0.75 | 2.9 | 40.5 | 1.18 | 2.28 | 0.08 | 13.1 | 56.0 | 24.88 | 4.58 | 3.8 | 10 | 0.04 | 4.0 | 0.67 | 291 | 3.27 | 0.140 | 7.1 | 1110.0 | 2.95 | 1.96 | 0.32 | 3.8 | 0.3 | 71.5 | 0.10 | 0.9 | 0.090 | 0.04 | 0.4 | 70 | 1.2 | 20.3 |
| 52 | 8R251689 | 0.1 | 0.98 | 2.0 | 40.5 | 0.16 | 0.59 | 0.27 | 5.4 | 85.0 | 24.52 | 2.61 | 10.2 | 15 | 0.14 | 98.5 | 0.67 | 648 | 1.82 | 0.090 | 14.3 | 938.0 | 36.58 | <0.02 | 0.10 | 2.1 | 1.3 | 44.5 | 0.02 | 33.9 | 0.027 | 0.12 | 3.8 | 32 | 0.5 | 70.0 |
| 53 | 8R251690 | 0.2 | 1.00 | 10.7 | 36.0 | 1.32 | 3.11 | 0.13 | 12.5 | 70.5 | 38.28 | 3.58 | 4.1 | 10 | 0.04 | 7.0 | 0.60 | 424 | 12.97 | 0.206 | 7.4 | 1100.0 | 4.97 | 2.18 | 0.52 | 4.1 | 0.8 | 105.5 | 0.08 | 4.2 | 0.065 | 0.04 | 1.3 | 54 | 2.3 | 31.1 |
| 54 | 8R251691 | 0.2 | 0.86 | 9.1 | 34.5 | 1.18 | 2.45 | 0.07 | 14.1 | 45.0 | 26.06 | 3.41 | 3.0 | 10 | 0.04 | 4.0 | 0.38 | 231 | 4.69 | 0.247 | 7.5 | 1090.0 | 3.79 | 2.34 | 0.46 | 2.0 | 0.5 | 82.0 | 0.08 | 0.8 | 0.074 | 0.04 | 0.4 | 44 | 0.8 | 19.1 |
| 55 | 8R251692 | 0.2 | 0.76 | 7.9 | 58.0 | 0.84 | 2.66 | 0.06 | 14.0 | 65.0 | 26.32 | 3.80 | 3.2 | 10 | 0.05 | 4.0 | 0.47 | 263 | 5.50 | 0.131 | 8.5 | 1201.0 | 4.71 | 2.36 | 0.54 | 2.1 | 0.2 | 80.5 | 0.04 | 1.1 | 0.082 | 0.04 | 0.9 | 52 | 1.2 | 16.0 |
| 56 | 8R251693 | 0.1 | 0.98 | 14.1 | 29.0 | 0.68 | 4.28 | 0.07 | 14.5 | 44.0 | 19.83 | 3.77 | 4.7 | 10 | 0.04 | 4.0 | 0.82 | 427 | 3.70 | 0.082 | 7.5 | 1127.0 | 4.29 | 1.94 | 0.58 | 5.5 | 0.2 | 104.0 | 0.02 | 0.7 | 0.067 | 0.04 | 0.3 | 76 | 1.6 | 21.4 |
| 57 | 8R251694 | 0.2 | 1.12 | 9.5 | 41.5 | 0.56 | 3.18 | 0.05 | 15.2 | 31.0 | 33.97 | 4.72 | 5.6 | 10 | 0.05 | 4.0 | 1.09 | 425 | 4.13 | 0.127 | 5.4 | 1058.0 | 3.42 | 2.26 | 0.50 | 6.4 | 0.2 | 108.0 | 0.04 | 1.3 | 0.078 | 0.06 | 1.2 | 90 | 0.5 | 21.9 |
| 58 | 8R251695 | 0.8 | 0.35 | 249.4 | 21.0 | 0.04 | 0.18 | 0.03 | 7.0 | 18.0 | 32.36 | 2.61 | 1.8 | 3685 | 0.13 | 7.0 | 0.10 | 139 | 4.12 | 0.033 | 11.5 | 335.0 | 1.85 | 1.62 | 29.24 | 1.5 | 6.1 | 6.5 | <0.02 | 0.5 | 0.001 | 3.26 | <0.1 | 12 | 0.9 | 47.1 |
| 59 | 8R251696 | 0.7 | 1.23 | 56.8 | 32.0 | 1.68 | 2.67 | 0.10 | 16.5 | 37.0 | 111.40 | 7.16 | 7.3 | 100 | 0.06 | 10.5 | 0.98 | 553 | 33.79 | 0.054 | 4.7 | 927.0 | 12.56 | 3.18 | 1.40 | 9.2 | 2.6 | 84.5 | 0.20 | 2.0 | 0.041 | 0.16 | 1.0 | 102 | 0.4 | 35.9 |
| 60 | 8R251697 | 0.4 | 1.00 | 15.5 | 46.5 | 1.58 | 3.40 | 0.03 | 12.2 | 43.5 | 56.52 | 4.80 | 6.0 | 45 | 0.07 | 4.5 | 1.08 | 417 | 3.39 | 0.092 | 5.8 | 962.0 | 3.34 | 2.06 | 0.32 | 8.0 | 0.4 | 92.5 | 0.14 | 0.8 | 0.069 | 0.06 | 0.5 | 108 | 0.4 | 21.4 |
| 61 | 8R251698 | 0.2 | 0.70 | 4.4 | 31.0 | 0.76 | 1.96 | 0.07 | 13.0 | 37.0 | 26.52 | 3.62 | 4.0 | 30 | 0.05 | 4.0 | 0.64 | 261 | 2.77 | 0.112 | 5.4 | 955.0 | 3.85 | 1.68 | 0.30 | 2.7 | 0.2 | 60.0 | 0.02 | 2.0 | 0.074 | 0.04 | 2.0 | 56 | 0.5 | 19.8 |
| 62 | 8R251699 | 0.2 | 0.85 | 11.7 | 24.0 | 1.02 | 4.80 | 0.32 | 10.7 | 44.0 | 11.96 | 3.16 | 4.6 | 25 | 0.03 | 4.0 | 0.67 | 420 | 1.84 | 0.105 | 5.1 | 981.0 | 8.34 | 1.66 | 0.54 | 4.7 | 0.3 | 113.5 | 0.06 | 1.4 | 0.067 | 0.02 | 0.6 | 52 | 1.1 | 41.9 |
| 63 | 8R251700 | 0.3 | 0.97 | 182.9 | 18.5 | 0.76 | 5.76 | 0.83 | 9.6 | 57.5 | 14.72 | 3.19 | 4.8 | 20 | 0.03 | 4.5 | 0.57 | 475 | 16.91 | 0.071 | 5.8 | 995.0 | 20.31 | 1.36 | 0.90 | 7.8 | 0.2 | 117.0 | 0.04 | 0.9 | 0.066 | 0.06 | 0.3 | 58 | 0.9 | 69.7 |
| 64 | 8R251701 | 0.3 | 1.04 | 209.3 | 20.0 | 0.78 | 5.84 | 0.92 | 9.6 | 62.5 | 15.51 | 3.30 | 5.4 | 15 | 0.04 | 5.0 | 0.61 | 488 | 18.32 | 0.075 | 6.0 | 973.0 | 20.83 | 1.38 | 1.02 | 8.4 | 0.3 | 121.5 | 0.04 | 1.0 | 0.069 | 0.08 | 0.4 | 64 | 0.9 | 74.2 |
| 65 | 8R251702 | 0.6 | 1.12 | 290.0 | 21.0 | 0.30 | 4.74 | 0.37 | 7.7 | 48.0 | 70.95 | 3.46 | 6.2 | 15 | 0.06 | 9.5 | 0.76 | 626 | 6.68 | 0.073 | 4.5 | 739.0 | 7.82 | 0.72 | 1.22 | 10.0 | 0.4 | 139.0 | 0.06 | 7.5 | 0.030 | 0.06 | 6.8 | 72 | 1.2 | 63.1 |
| 66 | 8R251703 | 1.8 | 0.62 | 1048.0 | 10.5 | 0.10 | 1.83 | 0.27 | 2.9 | 54.5 | 82.35 | 2.25 | 4.6 | 15 | 0.09 | 28.0 | 0.25 | 370 | 19.43 | 0.060 | 1.8 | 208.0 | 6.87 | 0.58 | 1.32 | 6.7 | 1.5 | 58.0 | 0.22 | 8.2 | 0.002 | 0.06 | 2.2 | 6 | 0.2 | 23.7 |
| 67 | 8R251704 | 2.0 | 0.98 | 11.9 | 16.0 | 0.62 | 3.83 | 0.36 | 41.5 | 82.5 | 687.80 | 4.02 | 6.9 | 10 | 0.09 | 25.0 | 1.43 | 319 | 27.10 | 0.094 | 14.9 | 1530.0 | 4.71 | 2.24 | 0.90 | 6.8 | 1.1 | 77.0 | 0.04 | 1.0 | 0.119 | 0.08 | 0.8 | 100 | 2.0 | 30.3 |
| 68 | 8R251705 | 3.1 | 1.06 | 7.6 | 12.5 | 0.60 | 5.37 | 0.55 | 47.3 | 79.5 | 1430.00 | 5.08 | 7.8 | 10 | 0.03 | 34.5 | 1.36 | 525 | 30.14 | 0.073 | 12.4 | 1397.0 | 5.64 | 1.80 | 0.66 | 14.4 | 1.2 | 154.0 | 0.04 | 0.9 | 0.091 | 0.02 | 1.3 | 144 | 1.8 | 36.5 |
| 69 | 8R251706 | 4.6 | 1.53 | 22.9 | 4.5 | 2.52 | 3.54 | 0.37 | 199.9 | 70.5 | 1383.00 | 14.81 | 10.3 | 15 | 0.02 | 24.5 | 1.44 | 812 | 87.36 | 0.045 | 32.6 | 837.0 | 10.43 | 5.60 | 2.36 | 10.8 | 3.3 | 122.0 | 0.10 | 1.8 | 0.069 | 0.10 | 6.1 | 186 | 4.2 | 46.5 |
| 70 | 8R251707 | 0.1 | 0.97 | 2.7 | 40.0 | 0.20 | 0.53 | 0.35 | 5.8 | 77.5 | 25.80 | 2.61 | 10.3 | 10 | 0.14 | 98.5 | 0.67 | 666 | 1.89 | 0.090 | 12.4 | 919.0 | 42.75 | <0.02 | 0.10 | 2.1 | 1.3 | 40.5 | 0.02 | 33.6 | 0.025 | 0.10 | 3.8 | 32 | 0.5 | 73.9 |
| 71 | 8R251708 | 0.6 | 1.19 | 8.9 | 5.5 | 0.52 | 3.57 | 0.10 | 23.8 | 71.5 | 210.90 | 4.86 | 7.0 | 5 | 0.03 | 7.5 | 1.51 | 530 | 2.75 | 0.094 | 25.6 | 1468.0 | 6.64 | 1.48 | 0.54 | 10.4 | 1.0 | 99.0 | 0.18 | 1.2 | 0.101 | 0.04 | 1.0 | 118 | 0.4 | 34.1 |
| 72 | 8R251709 | 0.3 | 1.31 | 9.7 | 7.5 | 0.48 | 4.10 | 0.06 | 20.7 | 77.5 | 131.50 | 4.33 | 8.2 | 5 | 0.04 | 18.0 | 1.53 | 714 | 2.15 | 0.095 | 21.3 | 1453.0 | 9.75 | 0.92 | 0.88 | 12.0 | 1.2 | 134.5 | 0.06 | 2.4 | 0.080 | 0.06 | 1.6 | 130 | 0.3 | 40.3 |
| 73 | 8R251710 | 0.2 | 1.09 | 7.1 | 28.5 | 0.44 | 1.71 | 0.11 | 7.0 | 56.5 | 17.11 | 2.86 | 12.4 | 10 | 0.06 | 63.5 | 0.84 | 541 | 5.80 | 0.078 | 9.7 | 1174.0 | 36.48 | 0.52 | 0.86 | 3.2 | 1.0 | 68.0 | 0.06 | 18.2 | 0.044 | 0.04 | 4.9 | 56 | 0.5 | 72.5 |
| 74 | 8R251711 | 1.1 | 1.41 | 13.3 | 7.0 | 0.90 | 4.29 | 0.18 | 19.0 | 76.0 | 589.30 | 4.72 | 7.3 | 5 | 0.04 | 6.5 | 1.69 | 696 | 0.61 | 0.100 | 22.9 | 1401.0 | 9.86 | 1.12 | 1.18 | 12.5 | 1.1 | 139.0 | 0.08 | 1.8 | 0.097 | 0.08 | 1.4 | 134 | 0.4 | 51.7 |
| 75 | 8R251712 | 0.3 | 1.43 | 10.0 | 6.5 | 0.36 | 4.58 | 0.08 | 16.0 | 74.5 | 120.60 | 4.11 | 7.9 | 5 | 0.04 | 5.5 | 1.69 | 652 | 0.93 | 0.097 | 24.5 | 1474.0 | 3.86 | 0.64 | 0.66 | 12.6 | 0.9 | 137.5 | 0.16 | 0.8 | 0.102 | 0.04 | 0.4 | 138 | 0.4 | 34.7 |

**ECO TECH LABORATORY LTD.** **ICP CERTIFICATE OF ANALYSIS AW 2008- 1888** **Kingsman Resources**

| Et # | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppb | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Se ppm | Sr ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76 | 8R251713 | 0.4 | 1.43 | 8.9 | 5.0 | 0.38 | 4.31 | 0.06 | 12.6 | 74.5 | 132.60 | 3.91 | 7.4 | <5 | 0.03 | 5.0 | 1.67 | 597 | 0.39 | 0.096 | 22.5 | 1383.0 | 41.79 | 0.52 | 0.62 | 11.6 | 0.5 | 134.5 | 0.14 | 1.7 | 0.085 | 0.04 | 2.0 | 132 | 0.4 | 28.6 |
| 77 | 8R251714 | 0.5 | 1.68 | 8.9 | 6.5 | 0.34 | 5.26 | 0.11 | 14.5 | 83.5 | 121.30 | 5.29 | 9.8 | 5 | 0.03 | 9.5 | 1.66 | 957 | 2.75 | 0.062 | 20.6 | 1032.0 | 7.49 | 0.88 | 0.76 | 15.1 | 1.0 | 179.5 | 0.18 | 4.9 | 0.052 | 0.06 | 4.8 | 154 | 0.3 | 54.7 |
| 78 | 8R251715 | 0.2 | 0.66 | 9.2 | 8.5 | 0.18 | 0.90 | 0.06 | 3.5 | 45.5 | 28.55 | 2.35 | 5.8 | 10 | 0.07 | 23.5 | 0.27 | 284 | 28.35 | 0.062 | 1.7 | 180.0 | 6.28 | 0.56 | 0.42 | 6.9 | 1.2 | 19.0 | 0.04 | 8.7 | 0.033 | 0.04 | 3.2 | 8 | 0.5 | 30.6 |
| 79 | 8R251716 | 0.1 | 0.99 | 4.6 | 9.0 | 0.22 | 1.62 | 0.11 | 3.7 | 43.0 | 27.50 | 4.00 | 10.1 | 10 | 0.06 | 44.5 | 0.42 | 520 | 38.44 | 0.068 | 1.7 | 340.0 | 5.96 | 0.72 | 0.40 | 11.0 | 1.6 | 36.0 | 0.06 | 12.8 | 0.032 | 0.04 | 2.1 | 20 | 0.4 | 55.5 |
| 80 | 8R251717 | 0.1 | 1.87 | 3.0 | 144.5 | <0.02 | 1.13 | 0.07 | 25.4 | 1295.0 | 102.60 | 4.63 | 6.6 | 25 | 0.16 | 7.5 | 0.84 | 693 | 21.09 | 0.245 | 977.8 | 588.0 | 4.27 | 0.04 | 0.68 | 3.9 | 0.2 | 93.0 | <0.02 | 2.3 | 0.111 | 0.06 | 0.6 | 98 | 4.4 | 47.6 |
| 81 | 8R251718 | 0.1 | 1.57 | 6.2 | 35.5 | 0.42 | 4.27 | 0.04 | 10.5 | 53.0 | 49.11 | 4.48 | 8.5 | 10 | 0.05 | 6.0 | 1.50 | 582 | 2.77 | 0.088 | 6.4 | 1131.0 | 3.45 | 1.02 | 0.78 | 15.6 | 0.5 | 111.5 | 0.02 | 3.3 | 0.064 | 0.10 | 5.2 | 172 | 0.5 | 28.6 |
| 82 | 8R251719 | 0.2 | 1.10 | 3.2 | 54.0 | 0.46 | 2.91 | 0.05 | 13.6 | 58.5 | 82.45 | 4.37 | 5.5 | 5 | 0.06 | 4.5 | 1.10 | 369 | 4.00 | 0.101 | 7.6 | 1564.0 | 3.07 | 1.60 | 0.58 | 10.9 | 0.5 | 73.0 | 0.06 | 1.4 | 0.087 | 0.10 | 0.8 | 132 | 0.4 | 24.2 |
| 83 | 8R251720 | 0.2 | 1.20 | 7.8 | 43.0 | 1.02 | 4.31 | 0.12 | 11.9 | 35.0 | 122.50 | 4.53 | 6.5 | 5 | 0.05 | 4.0 | 1.16 | 438 | 2.62 | 0.089 | 7.0 | 1249.0 | 4.40 | 1.98 | 0.82 | 8.9 | 0.5 | 89.5 | 0.08 | 1.4 | 0.075 | 0.10 | 0.9 | 110 | 0.7 | 25.1 |
| 84 | 8R251721 | 0.1 | 0.83 | 6.1 | 37.0 | 0.74 | 2.91 | 0.13 | 6.8 | 52.0 | 46.44 | 2.75 | 4.4 | 10 | 0.05 | 9.5 | 0.66 | 336 | 2.74 | 0.081 | 4.6 | 695.0 | 8.89 | 0.98 | 0.52 | 7.1 | 0.6 | 72.0 | 0.06 | 21.6 | 0.046 | 0.08 | 26.2 | 60 | 0.5 | 21.0 |
| 85 | 8R251722 | 0.2 | 1.15 | 10.3 | 28.5 | 1.44 | 7.11 | 0.17 | 12.2 | 38.5 | 19.41 | 3.70 | 5.6 | 5 | 0.05 | 7.0 | 0.99 | 648 | 3.74 | 0.081 | 5.9 | 1113.0 | 8.27 | 1.78 | 0.40 | 13.0 | 0.7 | 153.0 | 0.08 | 2.8 | 0.061 | 0.06 | 1.3 | 86 | 0.9 | 36.3 |
| 86 | 8R251723 | 0.2 | 1.09 | 10.7 | 28.5 | 1.44 | 6.79 | 0.19 | 12.0 | 39.0 | 20.76 | 3.58 | 5.4 | 5 | 0.05 | 7.0 | 0.97 | 611 | 4.77 | 0.077 | 5.5 | 1090.0 | 8.18 | 1.78 | 0.38 | 12.4 | 0.9 | 147.0 | 0.06 | 2.4 | 0.057 | 0.06 | 1.9 | 80 | 0.9 | 35.1 |
| 87 | 8R251724 | 0.2 | 0.65 | 15.2 | 21.0 | 1.54 | 3.36 | 0.16 | 10.9 | 35.5 | 22.90 | 3.38 | 3.7 | <5 | 0.03 | 5.0 | 0.53 | 291 | 2.52 | 0.097 | 4.9 | 1040.0 | 7.90 | 2.34 | 0.32 | 4.1 | 1.2 | 68.5 | 0.10 | 4.4 | 0.056 | 0.04 | 4.1 | 42 | 1.0 | 22.6 |
| 88 | 8R251725 | 0.1 | 0.78 | 13.9 | 26.5 | 1.04 | 3.54 | 0.16 | 12.7 | 31.0 | 23.94 | 3.44 | 3.7 | 5 | 0.03 | 4.5 | 0.43 | 233 | 3.56 | 0.121 | 6.0 | 1155.0 | 5.68 | 2.18 | 0.36 | 2.5 | 0.5 | 69.0 | 0.06 | 1.5 | 0.063 | 0.04 | 0.5 | 42 | 1.1 | 25.2 |
| 89 | 8R251726 | 0.1 | 1.62 | 17.6 | 29.0 | 1.14 | 7.09 | 0.13 | 14.6 | 31.5 | 15.05 | 3.19 | 5.1 | 5 | 0.06 | 4.5 | 0.81 | 585 | 2.97 | 0.224 | 6.7 | 1209.0 | 7.44 | 1.52 | 0.36 | 5.2 | 0.3 | 137.0 | 0.04 | 1.4 | 0.061 | 0.06 | 0.6 | 80 | 2.2 | 42.0 |
| 90 | 8R251727 | 0.1 | 0.98 | 15.7 | 35.5 | 1.14 | 6.11 | 0.18 | 13.4 | 46.0 | 17.21 | 3.04 | 4.2 | 10 | 0.05 | 4.0 | 0.80 | 558 | 4.92 | 0.097 | 6.4 | 1161.0 | 7.71 | 1.84 | 0.42 | 4.4 | 0.4 | 103.5 | 0.06 | 1.4 | 0.071 | 0.04 | 0.6 | 62 | 0.8 | 41.0 |
| 91 | 8R251728 | 0.1 | 1.52 | 16.4 | 30.0 | 1.32 | 4.82 | 0.07 | 14.8 | 32.0 | 21.21 | 2.95 | 4.9 | 5 | 0.03 | 4.5 | 0.72 | 394 | 3.13 | 0.308 | 6.1 | 1173.0 | 7.27 | 1.66 | 0.42 | 4.6 | 0.3 | 124.5 | 0.04 | 1.4 | 0.061 | 0.04 | 0.6 | 68 | 2.3 | 23.7 |
| 92 | 8R251729 | 0.1 | 0.94 | 2.1 | 37.5 | 0.24 | 0.68 | 0.30 | 5.2 | 71.5 | 17.70 | 2.51 | 10.3 | 5 | 0.15 | 98.0 | 0.67 | 664 | 2.88 | 0.098 | 12.8 | 969.0 | 32.06 | 0.02 | 0.10 | 2.1 | 1.4 | 45.0 | 0.04 | 36.8 | 0.027 | 0.12 | 3.9 | 30 | 0.5 | 63.0 |
| 93 | 8R251730 | 0.3 | 1.23 | 1408.0 | 27.5 | 0.94 | 4.99 | 0.29 | 15.8 | 32.0 | 58.95 | 5.08 | 5.5 | 5 | 0.07 | 5.0 | 0.98 | 520 | 8.47 | 0.080 | 6.1 | 1135.0 | 14.21 | 2.28 | 2.02 | 8.8 | 0.5 | 110.0 | 0.10 | 2.1 | 0.057 | 0.10 | 0.7 | 82 | 2.0 | 44.6 |
| 94 | 8R251731 | 0.1 | 1.45 | 31.1 | 38.5 | 0.94 | 4.54 | 0.10 | 14.4 | 54.5 | 28.60 | 3.52 | 5.5 | 10 | 0.05 | 4.5 | 0.94 | 451 | 3.86 | 0.226 | 6.4 | 1142.0 | 5.93 | 1.66 | 0.46 | 5.6 | 0.3 | 114.0 | 0.04 | 1.5 | 0.077 | 0.06 | 0.6 | 82 | 6.1 | 35.3 |
| 95 | 8R251732 | 0.2 | 1.17 | 96.9 | 30.5 | 0.78 | 6.06 | 0.20 | 12.7 | 36.0 | 28.23 | 3.02 | 5.1 | 10 | 0.06 | 6.5 | 0.76 | 587 | 5.92 | 0.154 | 4.9 | 945.0 | 16.47 | 1.44 | 0.54 | 6.6 | 0.5 | 139.0 | 0.04 | 5.8 | 0.058 | 0.06 | 4.6 | 68 | 3.5 | 34.9 |
| 96 | 8R251733 | 0.2 | 1.08 | 21.6 | 19.0 | 1.16 | 7.07 | 0.16 | 13.4 | 33.0 | 28.65 | 3.60 | 5.2 | 5 | 0.04 | 5.5 | 0.86 | 704 | 10.81 | 0.085 | 6.0 | 1075.0 | 7.72 | 1.78 | 0.44 | 8.6 | 0.3 | 142.0 | 0.08 | 3.0 | 0.056 | 0.06 | 2.5 | 72 | 1.0 | 44.9 |
| 97 | 8R251734 | 0.2 | 1.70 | 16.1 | 30.0 | 1.26 | 6.04 | 0.12 | 16.2 | 39.5 | 26.35 | 3.40 | 6.0 | 5 | 0.03 | 5.0 | 0.86 | 538 | 5.07 | 0.315 | 6.5 | 1187.0 | 6.57 | 1.86 | 0.48 | 4.9 | 0.2 | 149.0 | 0.06 | 1.6 | 0.069 | 0.04 | 0.7 | 74 | 0.9 | 39.6 |
| 98 | 8R251735 | 0.1 | 1.21 | 11.1 | 24.5 | 1.10 | 5.25 | 0.11 | 13.8 | 34.0 | 18.68 | 2.68 | 4.2 | 5 | 0.03 | 4.5 | 0.55 | 414 | 12.30 | 0.274 | 5.4 | 1150.0 | 6.53 | 1.82 | 0.38 | 4.5 | 0.3 | 112.0 | 0.06 | 2.0 | 0.063 | 0.04 | 0.8 | 66 | 1.5 | 29.4 |
| 99 | 8R251736 | 0.3 | 1.29 | 12.1 | 21.0 | 1.00 | 9.38 | 0.18 | 13.1 | 27.0 | 17.97 | 3.52 | 5.9 | 5 | 0.03 | 5.0 | 1.15 | 969 | 9.31 | 0.073 | 5.2 | 1011.0 | 7.09 | 1.66 | 0.32 | 7.7 | 0.3 | 132.5 | 0.04 | 3.5 | 0.060 | 0.04 | 1.3 | 78 | 1.1 | 50.9 |
| 100 | 8R251737 | 0.1 | 1.10 | 11.2 | 20.0 | 1.04 | 7.34 | 0.48 | 12.9 | 29.0 | 14.43 | 3.06 | 4.6 | 5 | 0.03 | 4.0 | 1.01 | 724 | 4.45 | 0.087 | 4.9 | 1047.0 | 9.71 | 1.68 | 0.34 | 7.4 | 0.3 | 126.5 | 0.04 | 2.0 | 0.057 | 0.04 | 0.8 | 72 | 1.1 | 69.8 |
| 101 | 8R251738 | 0.2 | 1.33 | 22.0 | 32.5 | 1.80 | 5.27 | 0.12 | 14.7 | 28.5 | 22.19 | 4.59 | 5.8 | 5 | 0.04 | 5.5 | 0.93 | 674 | 4.66 | 0.204 | 5.5 | 1076.0 | 11.21 | 2.12 | 1.12 | 10.6 | 0.3 | 147.0 | 0.06 | 1.5 | 0.059 | 0.10 | 0.6 | 78 | 0.8 | 28.4 |
| 102 | 8R251739 | 0.2 | 0.83 | 13.3 | 21.5 | 1.14 | 4.54 | 0.15 | 12.7 | 40.5 | 53.91 | 4.49 | 5.4 | <5 | 0.04 | 5.5 | 0.75 | 433 | 10.60 | 0.105 | 5.7 | 963.0 | 5.26 | 2.24 | 1.06 | 10.2 | 0.5 | 98.5 | 0.10 | 1.5 | 0.067 | 0.10 | 0.7 | 86 | 0.7 | 30.5 |
| 103 | 8R251740 | 1.0 | 1.34 | 9.3 | 11.0 | 0.70 | 4.96 | 0.23 | 26.8 | 75.5 | 277.70 | 4.34 | 7.6 | <5 | 0.07 | 14.0 | 1.98 | 651 | 1.38 | 0.098 | 21.9 | 1452.0 | 2.86 | 1.42 | 0.62 | 16.4 | 1.4 | 139.0 | 0.08 | 0.9 | 0.106 | 0.08 | 1.1 | 134 | 1.0 | 31.8 |
| 104 | 8R251741 | 1.4 | 1.49 | 9.7 | 12.0 | 0.74 | 5.15 | 0.26 | 29.3 | 81.5 | 284.10 | 4.52 | 8.5 | 5 | 0.08 | 16.0 | 2.01 | 677 | 1.60 | 0.103 | 24.3 | 1512.0 | 3.31 | 1.48 | 0.68 | 18.0 | 1.4 | 144.5 | 0.08 | 1.0 | 0.112 | 0.08 | 1.1 | 140 | 2.1 | 35.7 |
| 105 | 8R251742 | 1.8 | 1.38 | 9.9 | 11.5 | 1.08 | 4.02 | 0.22 | 21.8 | 79.0 | 565.90 | 5.98 | 8.3 | 5 | 0.07 | 13.0 | 1.75 | 490 | 5.19 | 0.110 | 34.5 | 1539.0 | 2.79 | 2.84 | 1.52 | 12.7 | 2.4 | 81.0 | 0.20 | 2.8 | 0.110 | 0.10 | 1.6 | 120 | 0.7 | 26.4 |
| 106 | 8R251743 | 1.1 | 1.25 | 7.6 | 8.0 | 0.64 | 5.49 | 0.21 | 20.5 | 76.0 | 307.20 | 3.59 | 7.3 | <5 | 0.04 | 11.5 | 1.87 | 468 | 12.55 | 0.097 | 16.5 | 1742.0 | 3.85 | 1.72 | 0.68 | 11.4 | 1.6 | 95.5 | 0.14 | 1.2 | 0.125 | 0.06 | 0.8 | 110 | 0.7 | 24.5 |
| 107 | 8R251744 | 1.6 | 0.99 | 6.1 | 10.5 | 5.52 | 5.69 | 0.37 | 11.1 | 78.0 | 477.50 | 3.01 | 5.8 | <5 | 0.04 | 18.0 | 1.32 | 517 | 7.24 | 0.086 | 13.0 | 1247.0 | 7.41 | 1.50 | 0.54 | 11.2 | 1.6 | 108.5 | 0.30 | 4.9 | 0.099 | 0.10 | 6.5 | 96 | 0.7 | 25.9 |
| 108 | 8R251745 | 7.3 | 0.28 | 7.5 | 3.0 | 6.28 | 2.51 | 0.69 | 121.0 | 14.0 | 5286.00 | 34.88 | 1.5 | 60 | <0.01 | 14.5 | 0.18 | 335 | 6.76 | 0.037 | 118.5 | 194.0 | 4.35 | 6.30 | 2.78 | 0.6 | 11.0 | 227.0 | 0.52 | 0.9 | 0.001 | 0.16 | 0.2 | 22 | 93.8 | 28.8 |
| 109 | 8R251746 | 20.5 | 0.38 | 5.4 | 3.5 | 5.52 | 1.56 | 2.18 | 127.9 | 68.0 | >10000 | 26.21 | 3.7 | <5 | 0.02 | 82.0 | 0.20 | 167 | 8.03 | 0.036 | 91.1 | 525.0 | 7.47 | 4.64 | 1.90 | 0.9 | 12.6 | 255.0 | 0.22 | 3.3 | 0.002 | 0.12 | 0.5 | 44 | 0.9 | 91.9 |
| 110 | 8R251747 | 0.2 | 1.04 | 2.1 | 38.5 | 0.36 | 0.65 | 0.27 | 7.4 | 71.5 | 24.73 | 2.44 | 11.1 | <5 | 0.16 | 97.5 | 0.73 | 658 | 2.22 | 0.094 | 14.7 | 968.0 | 30.23 | 0.02 | 0.08 | 2.5 | 1.4 | 46.5 | 0.02 | 35.9 | 0.031 | 0.08 | 3.8 | 36 | 0.8 | 71.8 |
| 111 | 8R251748 | 1.9 | 1.02 | 8.6 | 12.0 | 0.98 | 4.87 | 0.38 | 22.9 | 49.5 | 699.60 | 5.53 | 8.7 | <5 | 0.05 | 71.5 | 1.07 | 521 | 22.39 | 0.099 | 11.8 | 1439.0 | 5.28 | 3.12 | 0.78 | 11.0 | 2.7 | 114.0 | 0.10 | 6.4 | 0.060 | 0.08 | 1.5 | 136 | 1.1 | 37.0 |
| 112 | 8R251749 | 2.9 | 0.92 | 8.7 | 14.0 | 1.00 | 5.27 | 0.44 | 37.2 | 41.0 | 910.40 | 4.17 | 7.3 | <5 | 0.07 | 39.5 | 1.16 | 463 | 203.70 | 0.115 | 6.8 | 1489.0 | 4.11 | 2.84 | 0.80 | 12.2 | 2.6 | 152.5 | 0.18 | 4.3 | 0.096 | 0.08 | 1.1 | 120 | 0.7 | 32.3 |
| 113 | 8R251750 | 0.9 | 1.29 | 10.0 | 9.0 | 0.80 | 5.02 | 0.17 | 21.6 | 59.5 | 352.70 | 4.33 | 8.0 | <5 | 0.04 | 16.0 | 1.52 | 560 | 66.12 | 0.109 | 12.6 | 1539.0 | 5.12 | 1.80 | 1.20 | 12.1 | 2.0 | 131.0 | 0.12 | 2.3 | 0.107 | 0.10 | 2.8 | 128 | 0.4 | 28.8 |
| 114 | 8R251751 | 1.6 | 1.22 | 8.4 | 12.0 | 1.28 | 3.73 | 0.20 | 19.6 | 47.5 | 724.90 | 6.06 | 7.2 | <5 | 0.05 | 17.0 | 1.46 | 414 | 29.49 | 0.110 | 20.3 | 1491.0 | 4.42 | 3.66 | 1.10 | 9.1 | 2.8 | 108.0 | 0.22 | 1.0 | 0.106 | 0.12 | 0.7 | 106 | 0.4 | 26.2 |
| 115 | 8R251752 | 1.0 | 1.13 | 7.2 | 12.0 | 0.88 | 3.91 | 0.19 | 17.4 | 60.5 | 490.50 | 4.26 | 5.8 | <5 | 0.09 | 8.5 | 1.31 | 446 | 4.51 | 0.115 | 20.7 | 1697.0 | 3.54 | 1.62 | 0.78 | 9.6 | 1.5 | 122.0 | 0.14 | 0.8 | 0.132 | 0.14 | 0.6 | 108 | 0.3 | 26.8 |
| 116 | 8R251753 | 0.2 | 1.23 | 5.5 | 28.0 | 0.28 | 2.55 | 0.20 | 7.2 | 54.0 | 13.47 | 2.86 | 12.7 | <5 | 0.06 | 82.5 | 0.86 | 580 | 4.66 | 0.077 | 10.6 | 1187.0 | 33.37 | 0.34 | 0.52 | 3.2 | 1.1 | 93.0 | <0.02 | 19.4 | 0.031 | 0.06 | 3.3 | 50 | 0.4 | 85.6 |
| 117 | 8R251754 | 0.9 | 1.12 | 7.3 | 12.5 | 0.82 | 3.14 | 0.11 | 29.1 | 72.0 | 318.10 | 4.68 | 5.8 | <5 | 0.19 | 7.5 | 1.31 | 393 | 2.03 | 0.107 | 27.3 | 1743.0 | 5.43 | 2.14 | 0.54 | 7.3 | 1.4 | 52.0 | 0.14 | 1.3 | 0.144 | 0.18 | 0.7 | 102 | 0.4 | 24.3 |
| 118 | 8R251755 | 1.0 | 1.33 | 9.8 | 8.5 | 0.86 | 4.07 | 0.17 | 24.4 | 78.0 | 344.80 | 4.25 | 7.4 | <5 | 0.06 | 15.0 | 1.65 | 449 | 1.15 | 0.104 | 20.8 | 1657.0 | 3.35 | 1.84 | 0.88 | 9.0 | 1.8 | 57.5 | 0.10 | 1.2 | 0.148 | 0.08 | 1.1 | 114 | 0.5 | 24.3 |
| 119 | 8R251756 | 1.9 | 1.40 | 9.8 | 13.0 | 1.12 | 4.44 | 0.26 | 35.9 | 83.0 | 573.50 | 5.16 | 9.0 | <5 | 0.06 | 16.5 | 1.97 | 534 | 27.66 | 0.090 | 19.5 | 1629.0 | 5.15 | 3.04 | 1.02 | 10.7 | 2.7 | 79.0 | 0.14 | 1.2 | 0.102 | 0.08 | 1.6 | 120 | 0.6 | 29.6 |
| 120 | 8R251757 | 6.1 | 0.30 | 423.9 | 26.0 | 0.04 | 0.15 | 0.07 | 21.5 | 1149.0 | 60.26 | 3.12 | 1.7 | 7670 | 0.12 | 7.0 | 0.07 | 224 | 20.63 | 0.031 | 916.9 | 287.0 | 5.47 | 1.74 | 80.14 | 1.3 | 21.9 | 5.5 | <0.02 | 0.5 | 0.002 | 10.16 | 0.1 | 16 | 4.7 | 32.2 |

**ECO TECH LABORATORY LTD.** **ICP CERTIFICATE OF ANALYSIS AW 2008- 1888** **Kingsman Resources**

| Et # | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppb | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Se ppm | Sr ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 121 | 8R251758 | 1.2 | 1.56 | 8.4 | 23.0 | 0.80 | 3.59 | 0.16 | 22.6 | 86.5 | 313.00 | 4.88 | 8.7 | 135 | 0.08 | 10.5 | 1.90 | 544 | 2.82 | 0.103 | 24.3 | 1750.0 | 3.84 | 2.20 | 1.08 | 10.4 | 1.6 | 84.5 | 0.26 | 1.4 | 0.146 | 0.20 | 1.8 | 126 | 0.6 | 37.1 |
| 122 | 8R251759 | 1.6 | 0.86 | 7.8 | 16.5 | 0.72 | 3.04 | 0.28 | 7.2 | 70.5 | 415.40 | 2.67 | 4.4 | 75 | 0.13 | 15.5 | 1.23 | 254 | 28.24 | 0.118 | 13.6 | 1680.0 | 2.78 | 1.68 | 0.60 | 5.7 | 1.8 | 56.5 | 0.22 | 1.1 | 0.142 | 0.14 | 1.2 | 82 | 1.4 | 23.4 |
| 123 | 8R251760 | 1.8 | 0.80 | 7.5 | 9.0 | 1.04 | 3.63 | 0.45 | 5.3 | 60.5 | 530.60 | 2.48 | 5.0 | 50 | 0.04 | 23.5 | 1.08 | 264 | 45.36 | 0.100 | 14.6 | 1719.0 | 5.89 | 1.48 | 0.52 | 6.0 | 1.7 | 56.0 | 0.16 | 0.7 | 0.134 | 0.06 | 1.1 | 76 | 2.8 | 28.9 |
| 124 | 8R251761 | 28.9 | 0.94 | 5.8 | 15.5 | 1.52 | 2.59 | 1.06 | 17.6 | 61.0 | >10000 | 4.94 | 6.9 | 25 | 0.06 | 32.5 | 0.89 | 298 | 65.35 | 0.069 | 11.9 | 1570.0 | 5.71 | 2.94 | 0.64 | 7.3 | 2.7 | 43.0 | 0.08 | 4.8 | 0.086 | 0.10 | 8.8 | 98 | 11.2 | 57.5 |
| 125 | 8R251762 | >30 | 0.87 | 5.9 | 25.0 | 5.40 | 1.64 | 2.63 | 73.2 | 45.0 | >10000 | 26.46 | 6.0 | 225 | 0.08 | 57.5 | 0.64 | 326 | 62.05 | 0.056 | 88.2 | 955.0 | 5.32 | 6.00 | 0.66 | 4.3 | 5.8 | 38.5 | 0.40 | 1.5 | 0.051 | 0.18 | 4.5 | 88 | >100 | 138.1 |
| 126 | 8R251763 | >30 | 0.85 | 5.8 | 25.0 | 5.38 | 1.62 | 2.76 | 71.1 | 44.0 | >10000 | 25.66 | 6.2 | 220 | 0.08 | 58.0 | 0.63 | 319 | 64.33 | 0.052 | 85.6 | 958.0 | 4.89 | 5.68 | 0.66 | 4.2 | 6.1 | 38.5 | 0.38 | 1.3 | 0.051 | 0.18 | 3.1 | 86 | >100 | 134.7 |
| 127 | 8R251764 | >30 | 1.01 | 10.4 | 16.5 | 9.16 | 1.80 | 2.28 | 539.3 | 50.0 | >10000 | 30.80 | 6.2 | 35 | 0.06 | 23.0 | 0.76 | 510 | 54.62 | 0.045 | 91.6 | 689.0 | 9.74 | >10 | 2.60 | 4.3 | 6.2 | 64.5 | 0.48 | 0.5 | 0.039 | 0.26 | 1.0 | 108 | 42.8 | 101.8 |
| 128 | 8R251765 | 19.0 | 1.16 | 7.7 | 27.0 | 7.42 | 2.23 | 1.67 | 110.8 | 41.5 | 7165.00 | 32.82 | 6.3 | 320 | 0.06 | 28.5 | 0.77 | 515 | 93.58 | 0.052 | 92.6 | 839.0 | 6.17 | 8.42 | 0.90 | 3.6 | 4.5 | 68.5 | 0.38 | 0.9 | 0.050 | 0.12 | 1.7 | 96 | >100 | 68.7 |
| 129 | 8R251766 | 6.3 | 1.27 | 9.6 | 25.5 | 1.88 | 4.32 | 0.72 | 32.2 | 73.5 | 2231.00 | 6.54 | 8.1 | 30 | 0.06 | 45.0 | 1.49 | 531 | 41.77 | 0.089 | 14.1 | 1943.0 | 5.17 | 2.96 | 0.72 | 11.9 | 2.1 | 139.5 | 0.08 | 1.1 | 0.095 | 0.06 | 2.6 | 132 | 39.8 | 55.7 |
| 130 | 8R251767 | 5.2 | 1.08 | 9.1 | 25.5 | 1.10 | 4.81 | 0.62 | 68.5 | 62.5 | 1656.00 | 4.64 | 6.5 | 120 | 0.06 | 41.5 | 1.35 | 368 | 24.53 | 0.097 | 11.1 | 1647.0 | 3.98 | 3.14 | 0.66 | 13.2 | 2.1 | 111.5 | 0.12 | 0.8 | 0.116 | 0.06 | 1.3 | 126 | 11.1 | 40.0 |
| 131 | 8R251768 | 0.4 | 0.80 | 4.6 | 14.0 | 0.26 | 1.29 | 0.08 | 4.2 | 81.0 | 131.50 | 2.25 | 7.4 | 10 | 0.08 | 42.0 | 0.32 | 289 | 26.05 | 0.085 | 2.8 | 266.0 | 7.30 | 0.36 | 0.22 | 7.0 | 1.4 | 29.5 | 0.02 | 19.8 | 0.012 | 0.04 | 10.3 | 14 | 3.1 | 37.2 |
| 132 | 8R251769 | 0.2 | 1.03 | 2.1 | 41.5 | 0.28 | 0.69 | 0.30 | 6.2 | 81.5 | 29.17 | 2.89 | 11.1 | 10 | 0.15 | 96.0 | 0.74 | 651 | 2.15 | 0.094 | 14.0 | 971.0 | 37.55 | 0.02 | 0.06 | 2.5 | 1.5 | 48.5 | 0.04 | 41.5 | 0.031 | 0.10 | 4.3 | 34 | 1.6 | 76.5 |
| 133 | 8R251770 | 3.2 | 1.09 | 7.0 | 9.5 | 0.36 | 2.81 | 0.24 | 4.7 | 48.5 | 1302.00 | 3.82 | 8.9 | <5 | 0.07 | 45.0 | 0.36 | 474 | 12.58 | 0.070 | 7.2 | 245.0 | 11.59 | 0.72 | 0.50 | 16.5 | 1.8 | 61.0 | 0.06 | 9.0 | 0.011 | 0.06 | 3.5 | 10 | 0.9 | 55.2 |
| 134 | 8R251771 | 15.4 | 1.54 | 17.3 | 21.0 | 3.32 | 2.98 | 0.50 | 89.9 | 49.5 | 5518.00 | 22.36 | 9.1 | 10 | 0.03 | 85.5 | 0.95 | 1204 | 27.33 | 0.052 | 106.0 | 1007.0 | 9.93 | 5.72 | 2.06 | 6.5 | 13.8 | 114.5 | 1.18 | 2.4 | 0.033 | 0.24 | 6.3 | 294 | 2.6 | 81.9 |
| 135 | 8R251772 | 10.3 | 1.52 | 25.0 | 13.5 | 5.00 | 2.44 | 0.38 | 84.4 | 50.0 | 4385.00 | 19.49 | 9.6 | 5 | 0.02 | 83.5 | 0.76 | 903 | 19.37 | 0.045 | 89.2 | 938.0 | 5.71 | 6.02 | 3.42 | 5.7 | 10.5 | 86.5 | 1.68 | 2.4 | 0.020 | 0.26 | 4.4 | 230 | 1.7 | 60.0 |
| 136 | 8R251773 | 3.3 | 1.65 | 23.9 | 21.0 | 1.38 | 8.62 | 0.34 | 25.1 | 81.5 | 1063.00 | 8.48 | 10.2 | <5 | 0.05 | 32.0 | 0.85 | 1646 | 88.89 | 0.045 | 22.8 | 1401.0 | 4.79 | 2.02 | 0.82 | 9.9 | 4.0 | 185.5 | 0.30 | 1.7 | 0.037 | 0.10 | 3.1 | 336 | 2.6 | 48.4 |
| 137 | 8R251774 | 0.4 | 0.60 | 9.4 | 20.5 | 0.24 | 5.80 | 0.90 | 4.5 | 46.0 | 51.69 | 1.64 | 5.8 | <5 | 0.09 | 33.5 | 0.29 | 628 | 27.26 | 0.068 | 6.7 | 460.0 | 5.15 | 0.36 | 0.34 | 14.9 | 1.9 | 136.0 | 0.06 | 4.8 | 0.013 | 0.04 | 2.3 | 38 | 0.7 | 42.5 |
| 138 | 8R251775 | 4.5 | 1.45 | 17.7 | 21.5 | 2.08 | 4.81 | 0.88 | 20.5 | 77.0 | 1301.00 | 6.32 | 9.4 | <5 | 0.06 | 38.5 | 0.92 | 550 | 66.72 | 0.065 | 24.4 | 1193.0 | 7.00 | 2.64 | 1.14 | 11.0 | 3.1 | 143.0 | 0.38 | 5.4 | 0.021 | 0.08 | 7.0 | 166 | 1.0 | 42.5 |
| 139 | 8R251776 | 0.7 | 1.05 | 12.5 | 16.5 | 1.00 | 4.67 | 0.17 | 11.3 | 75.0 | 269.70 | 2.98 | 6.5 | <5 | 0.06 | 27.0 | 1.14 | 561 | 31.72 | 0.088 | 9.6 | 1228.0 | 6.55 | 1.04 | 0.50 | 13.3 | 2.2 | 180.5 | 0.14 | 2.8 | 0.079 | 0.06 | 1.5 | 104 | 0.8 | 34.9 |
| 140 | 8R251777 | 0.2 | 1.31 | 5.3 | 44.0 | 0.20 | 2.10 | 0.29 | 8.1 | 68.5 | 27.05 | 3.05 | 14.0 | <5 | 0.09 | 83.5 | 0.91 | 702 | 5.39 | 0.098 | 9.8 | 1296.0 | 39.93 | 0.24 | 0.38 | 3.5 | 1.3 | 94.0 | 0.02 | 17.5 | 0.011 | 0.06 | 3.8 | 58 | 0.6 | 102.3 |
| 141 | 8R251778 | 0.9 | 1.40 | 14.1 | 22.5 | 0.94 | 4.39 | 0.14 | 29.5 | 90.0 | 352.70 | 4.68 | 6.9 | <5 | 0.23 | 8.0 | 1.85 | 573 | 1.76 | 0.109 | 25.8 | 1568.0 | 3.43 | 1.92 | 0.86 | 12.5 | 1.1 | 75.5 | 0.12 | 0.9 | 0.158 | 0.22 | 0.6 | 132 | 0.7 | 30.6 |
| 142 | 8R251779 | 1.0 | 1.03 | 9.2 | 11.5 | 0.96 | 3.50 | 0.13 | 30.6 | 87.0 | 361.00 | 4.30 | 5.6 | <5 | 0.09 | 5.0 | 1.27 | 464 | 9.75 | 0.109 | 22.1 | 1216.0 | 3.20 | 2.16 | 0.98 | 6.7 | 1.4 | 52.0 | 0.12 | 0.7 | 0.116 | 0.10 | 0.6 | 90 | 1.2 | 23.2 |
| 143 | 8R251780 | 1.0 | 1.31 | 8.2 | 11.5 | 0.86 | 2.74 | 0.12 | 30.1 | 68.5 | 415.90 | 4.94 | 7.2 | <5 | 0.10 | 6.0 | 1.49 | 403 | 1.21 | 0.106 | 28.2 | 1554.0 | 2.80 | 2.10 | 0.86 | 6.8 | 1.7 | 42.5 | 0.14 | 0.7 | 0.138 | 0.10 | 0.6 | 104 | 4.7 | 24.7 |
| 144 | 8R251781 | 1.0 | 1.32 | 8.3 | 11.5 | 0.88 | 2.78 | 0.12 | 30.6 | 68.5 | 415.10 | 4.95 | 7.2 | <5 | 0.09 | 6.0 | 1.49 | 407 | 1.36 | 0.104 | 28.8 | 1532.0 | 3.40 | 2.10 | 0.86 | 7.0 | 1.5 | 43.0 | 0.18 | 0.7 | 0.138 | 0.10 | 0.6 | 104 | 5.0 | 25.3 |
| 145 | 8R251782 | 0.8 | 1.09 | 8.4 | 11.5 | 0.72 | 3.40 | 0.10 | 24.3 | 72.5 | 258.90 | 3.65 | 6.6 | <5 | 0.04 | 12.5 | 1.34 | 357 | 1.59 | 0.113 | 21.6 | 1636.0 | 3.44 | 1.68 | 0.76 | 6.3 | 1.0 | 57.5 | 0.08 | 0.6 | 0.142 | 0.04 | 1.0 | 90 | 0.5 | 18.8 |
| 146 | 8R251783 | 4.3 | 1.16 | 7.8 | 16.5 | 2.04 | 3.71 | 0.33 | 25.2 | 66.0 | 1919.00 | 12.39 | 7.1 | 10 | 0.06 | 25.0 | 0.97 | 402 | 28.48 | 0.087 | 44.9 | 1117.0 | 3.90 | 4.70 | 0.76 | 7.2 | 5.1 | 68.0 | 0.28 | 0.8 | 0.096 | 0.10 | 1.0 | 94 | 11.3 | 24.2 |
| 147 | 8R251784 | 0.6 | 1.09 | 7.4 | 7.5 | 0.50 | 4.21 | 0.11 | 21.3 | 65.5 | 123.70 | 3.32 | 6.3 | <5 | 0.05 | 8.5 | 1.45 | 502 | 2.05 | 0.120 | 24.3 | 1548.0 | 3.33 | 1.12 | 0.68 | 7.6 | 0.7 | 69.0 | 0.08 | 1.0 | 0.126 | 0.04 | 0.8 | 88 | 0.5 | 25.7 |
| 148 | 8R251785 | 0.6 | 1.23 | 6.6 | 7.5 | 0.42 | 3.76 | 0.13 | 15.1 | 104.5 | 94.06 | 3.72 | 6.5 | <5 | 0.08 | 6.0 | 1.56 | 531 | 1.13 | 0.126 | 24.7 | 1305.0 | 6.72 | 1.22 | 1.08 | 12.5 | 0.8 | 73.5 | 0.14 | 6.7 | 0.132 | 0.06 | 12.7 | 114 | 1.1 | 34.6 |
| 149 | 8R251786 | 1.5 | 1.13 | 5.7 | 12.5 | 0.62 | 4.08 | 0.40 | 20.3 | 85.0 | 400.40 | 3.81 | 6.0 | <5 | 0.13 | 13.5 | 1.55 | 458 | 3.36 | 0.106 | 20.3 | 1526.0 | 4.02 | 1.98 | 0.50 | 12.0 | 1.0 | 75.5 | 0.28 | 2.3 | 0.144 | 0.12 | 1.1 | 112 | 1.5 | 42.6 |
| 150 | 8R251787 | 0.1 | 0.98 | 2.0 | 39.5 | 0.24 | 0.60 | 0.31 | 6.3 | 80.0 | 29.05 | 2.74 | 10.4 | <5 | 0.14 | 96.0 | 0.76 | 675 | 2.53 | 0.090 | 15.4 | 962.0 | 34.07 | 0.02 | 0.08 | 2.6 | 1.3 | 43.5 | 0.02 | 36.9 | 0.033 | 0.12 | 4.1 | 34 | 0.6 | 72.8 |
| 151 | 8R251788 | 2.4 | 1.01 | 7.0 | 10.0 | 0.80 | 4.23 | 0.60 | 13.8 | 70.5 | 757.30 | 4.57 | 5.4 | <5 | 0.10 | 21.0 | 1.42 | 413 | 4.45 | 0.094 | 19.0 | 1473.0 | 5.04 | 2.72 | 1.14 | 12.3 | 1.9 | 90.0 | 0.16 | 1.8 | 0.108 | 0.14 | 1.4 | 108 | 4.5 | 42.0 |
| 152 | 8R251789 | 13.3 | 0.53 | 13.9 | 9.5 | 8.92 | 3.63 | 1.47 | 584.5 | 32.5 | 6279.00 | 36.26 | 3.4 | 60 | 0.01 | 13.5 | 0.37 | 584 | 9.07 | 0.036 | 85.1 | 490.0 | 7.63 | >10 | 4.42 | 0.8 | 14.9 | 102.5 | 0.32 | 0.5 | 0.002 | 0.20 | 0.6 | 78 | >100 | 64.3 |
| 153 | 8R251790 | 11.7 | 0.87 | 8.8 | 13.0 | 4.12 | 3.36 | 1.74 | 226.0 | 64.5 | 4231.00 | 11.55 | 6.5 | 115 | 0.05 | 68.5 | 0.38 | 399 | 13.52 | 0.056 | 21.5 | 189.0 | 7.52 | 5.78 | 1.96 | 2.5 | 5.5 | 110.0 | 0.18 | 12.3 | 0.002 | 0.10 | 3.9 | 16 | >100 | 77.7 |
| 154 | 8R251791 | 1.7 | 0.81 | 8.6 | 15.5 | 0.94 | 3.60 | 0.41 | 8.1 | 63.5 | 610.10 | 3.05 | 7.7 | <5 | 0.06 | 97.0 | 0.64 | 350 | 30.00 | 0.071 | 4.7 | 1117.0 | 9.07 | 1.56 | 0.38 | 8.3 | 2.8 | 80.0 | 0.20 | 10.0 | 0.036 | 0.04 | 7.2 | 88 | 2.5 | 38.7 |
| 155 | 8R251792 | 0.4 | 0.67 | 6.2 | 10.5 | 0.32 | 1.28 | 0.13 | 4.6 | 64.0 | 160.00 | 2.21 | 6.5 | <5 | 0.07 | 39.5 | 0.25 | 289 | 12.62 | 0.068 | 2.4 | 240.0 | 7.53 | 0.60 | 0.40 | 7.7 | 1.5 | 33.5 | 0.06 | 14.1 | 0.014 | 0.04 | 3.4 | 10 | 0.7 | 34.7 |
| 156 | 8R251793 | 0.1 | 0.75 | 2.9 | 8.5 | 0.16 | 1.42 | 0.08 | 1.5 | 63.5 | 28.34 | 2.06 | 6.7 | <5 | 0.08 | 35.0 | 0.22 | 426 | 21.07 | 0.073 | 1.8 | 177.0 | 5.53 | 0.18 | 0.18 | 6.9 | 1.3 | 30.0 | <0.02 | 11.3 | 0.006 | 0.04 | 4.0 | 8 | 0.4 | 40.2 |
| 157 | 8R251794 | 0.1 | 0.78 | 4.7 | 9.0 | 0.18 | 1.36 | 0.04 | 2.2 | 56.5 | 21.15 | 2.19 | 7.1 | <5 | 0.08 | 41.0 | 0.24 | 403 | 22.77 | 0.067 | 1.9 | 193.0 | 6.74 | 0.28 | 0.28 | 7.2 | 1.6 | 35.0 | <0.02 | 10.1 | 0.007 | 0.04 | 3.1 | 8 | 0.4 | 36.2 |
| 158 | 8R251795 | 0.2 | 1.06 | 8.7 | 23.5 | 0.48 | 3.90 | 0.08 | 8.0 | 42.5 | 41.89 | 2.35 | 8.3 | <5 | 0.05 | 36.5 | 1.11 | 499 | 2.77 | 0.082 | 2.4 | 1396.0 | 9.62 | 0.56 | 0.22 | 9.0 | 1.1 | 191.0 | 0.02 | 9.4 | 0.014 | 0.02 | 3.3 | 84 | 0.5 | 36.9 |
| 159 | 8R251796 | 0.3 | 1.03 | 7.3 | 34.0 | 0.48 | 3.33 | 0.11 | 8.5 | 47.0 | 75.48 | 2.59 | 8.5 | <5 | 0.06 | 44.5 | 1.04 | 449 | 4.26 | 0.079 | 4.1 | 1394.0 | 9.28 | 0.82 | 0.22 | 7.8 | 1.4 | 183.5 | 0.04 | 8.2 | 0.016 | 0.04 | 2.4 | 76 | 0.7 | 37.1 |
| 160 | 8R251797 | 0.8 | 0.36 | 244.1 | 20.0 | 0.06 | 0.20 | 0.07 | 7.1 | 17.5 | 32.25 | 2.57 | 1.8 | 3680 | 0.12 | 6.5 | 0.10 | 142 | 4.06 | 0.032 | 11.9 | 341.0 | 2.51 | 1.68 | 27.00 | 1.6 | 6.0 | 6.5 | 0.02 | 0.9 | 0.001 | 3.04 | 0.1 | 12 | 0.9 | 44.8 |
| 161 | 8R251798 | 1.3 | 0.96 | 8.9 | 33.5 | 0.90 | 3.95 | 0.19 | 10.3 | 36.0 | 476.60 | 2.75 | 7.7 | 70 | 0.06 | 40.5 | 0.88 | 423 | 7.39 | 0.070 | 3.7 | 1422.0 | 7.63 | 1.10 | 0.44 | 8.8 | 1.7 | 162.5 | 0.06 | 7.3 | 0.028 | 0.06 | 1.6 | 76 | 0.8 | 37.9 |
| 162 | 8R251799 | 4.5 | 1.52 | 27.8 | 12.0 | 8.14 | 4.07 | 0.57 | 92.7 | 37.0 | 1929.00 | 20.08 | 9.3 | 35 | 0.04 | 63.0 | 0.86 | 619 | 32.36 | 0.051 | 17.9 | 814.0 | 10.48 | 9.88 | 2.64 | 5.1 | 5.3 | 111.0 | 0.68 | 4.4 | 0.007 | 0.26 | 3.2 | 74 | 4.8 | 53.5 |
| 163 | 8R251800 | 0.2 | 1.35 | 5.8 | 27.5 | 0.50 | 4.96 | 0.10 | 5.5 | 43.0 | 70.58 | 2.89 | 9.3 | 25 | 0.06 | 34.5 | 1.25 | 631 | 4.38 | 0.081 | 2.5 | 1444.0 | 12.10 | 0.42 | 0.32 | 8.3 | 1.1 | 171.5 | 0.04 | 7.7 | 0.007 | 0.06 | 1.3 | 88 | 0.7 | 36.9 |
| 164 | 8R251801 | 0.4 | 1.29 | 7.7 | 28.0 | 1.00 | 3.74 | 0.11 | 16.4 | 40.5 | 94.53 | 3.44 | 8.6 | 20 | 0.06 | 38.0 | 1.17 | 536 | 2.92 | 0.093 | 3.1 | 1366.0 | 6.62 | 0.82 | 0.90 | 10.5 | 1.2 | 149.0 | 0.18 | 7.4 | 0.034 | 0.06 | 1.6 | 104 | 0.4 | 38.9 |
| 165 | 8R251802 | 1.1 | 1.32 | 12.8 | 20.0 | 2.90 | 3.51 | 0.15 | 16.5 | 42.5 | 470.30 | 4.84 | 9.3 | 10 | 0.05 | 59.0 | 1.16 | 489 | 9.56 | 0.079 | 7.9 | 1309.0 | 7.70 | 2.28 | 2.02 | 9.4 | 3.0 | 103.0 | 0.46 | 7.9 | 0.034 | 0.12 | 2.9 | 98 | 0.5 | 36.4 |

**ECO TECH LABORATORY LTD.** **ICP CERTIFICATE OF ANALYSIS AW 2008- 1888** **Kingsman Resources**

| Et #. | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppb | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Se ppm | Sr ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 166 | 8R251803 | 1.1 | 1.32 | 12.6 | 20.0 | 2.92 | 3.50 | 0.11 | 16.5 | 48.5 | 469.20 | 4.79 | 9.2 | 10 | 0.05 | 59.5 | 1.14 | 489 | 10.12 | 0.081 | 8.0 | 1247.0 | 8.29 | 2.28 | 1.90 | 9.0 | 3.3 | 101.5 | 0.50 | 7.9 | 0.033 | 0.12 | 3.3 | 100 | 0.5 | 35.9 |
| 167 | 8R251804 | 0.1 | 0.72 | 2.2 | 8.5 | 0.38 | 1.15 | 0.05 | 1.8 | 66.5 | 11.89 | 2.08 | 5.9 | 10 | 0.08 | 38.0 | 0.23 | 348 | 18.35 | 0.075 | 1.8 | 172.0 | 5.05 | 0.14 | 0.10 | 4.3 | 0.9 | 22.0 | 0.02 | 6.7 | 0.006 | 0.04 | 1.9 | 6 | 0.3 | 25.5 |
| 168 | 8R251805 | 0.2 | 0.69 | 3.3 | 8.5 | 0.44 | 1.40 | 0.41 | 2.3 | 69.0 | 16.81 | 2.23 | 5.6 | 5 | 0.08 | 28.5 | 0.25 | 394 | 20.55 | 0.073 | 2.4 | 234.0 | 11.25 | 0.22 | 0.14 | 4.8 | 0.8 | 26.5 | <0.02 | 6.3 | 0.016 | 0.04 | 2.3 | 8 | 0.4 | 51.6 |
| 169 | 8R251806 | 0.2 | 1.03 | 5.1 | 21.5 | 0.26 | 2.32 | 0.07 | 4.4 | 58.5 | 43.63 | 2.36 | 7.0 | 5 | 0.06 | 20.0 | 0.77 | 375 | 1.08 | 0.081 | 2.6 | 888.0 | 7.61 | 0.34 | 0.24 | 5.8 | 0.7 | 65.5 | 0.02 | 13.2 | 0.048 | 0.04 | 10.0 | 58 | 0.7 | 33.5 |
| 170 | 8R251807 | 0.2 | 1.14 | 4.3 | 26.5 | 0.30 | 3.51 | 0.10 | 3.8 | 48.5 | 31.18 | 2.68 | 6.9 | 5 | 0.05 | 20.0 | 1.07 | 381 | 2.17 | 0.101 | 2.7 | 1326.0 | 7.96 | 0.30 | 0.24 | 10.8 | 0.6 | 124.5 | <0.02 | 6.0 | 0.046 | 0.02 | 1.2 | 88 | 0.3 | 30.1 |
| 171 | 8R251808 | 0.9 | 1.66 | 10.8 | 24.0 | 0.78 | 5.25 | 0.13 | 18.4 | 100.5 | 364.00 | 5.38 | 8.2 | <5 | 0.24 | 6.5 | 1.98 | 708 | 0.74 | 0.091 | 28.7 | 1617.0 | 3.43 | 1.90 | 0.78 | 16.0 | 1.2 | 112.5 | 0.14 | 1.2 | 0.126 | 0.20 | 0.7 | 164 | 0.4 | 36.8 |
| 172 | 8R251809 | 0.1 | 0.97 | 1.8 | 38.0 | 0.22 | 0.63 | 0.27 | 6.0 | 72.0 | 20.78 | 2.56 | 9.6 | <5 | 0.13 | 84.5 | 0.72 | 631 | 2.62 | 0.095 | 13.9 | 983.0 | 27.21 | 0.02 | 0.08 | 2.4 | 1.2 | 42.0 | 0.02 | 32.2 | 0.037 | 0.10 | 3.5 | 32 | 0.4 | 67.3 |
| 173 | 8R251810 | 0.5 | 1.45 | 6.5 | 28.5 | 0.54 | 4.73 | 0.10 | 11.4 | 76.5 | 143.70 | 4.47 | 7.3 | <5 | 0.32 | 6.0 | 1.75 | 657 | 0.35 | 0.093 | 31.0 | 1633.0 | 3.30 | 1.16 | 0.36 | 13.5 | 0.7 | 80.5 | 0.10 | 1.5 | 0.117 | 0.30 | 0.7 | 136 | 0.3 | 34.5 |
| 174 | 8R251811 | 0.9 | 0.68 | 7.0 | 15.5 | 0.66 | 1.71 | 0.22 | 24.0 | 40.0 | 251.90 | 2.75 | 6.9 | <5 | 0.07 | 60.0 | 0.41 | 218 | 4.76 | 0.084 | 6.5 | 290.0 | 8.58 | 1.44 | 0.74 | 10.7 | 2.3 | 41.5 | 0.06 | 11.9 | 0.026 | 0.06 | 3.9 | 22 | 0.4 | 21.0 |
| 175 | 8R251812 | 0.5 | 0.52 | 2.9 | 14.0 | 0.36 | 1.98 | 0.09 | 2.8 | 40.0 | 139.90 | 1.46 | 4.4 | <5 | 0.07 | 26.5 | 0.30 | 210 | 5.50 | 0.083 | 4.0 | 190.0 | 6.34 | 0.52 | 0.28 | 5.9 | 0.8 | 43.5 | 0.02 | 7.1 | 0.016 | 0.04 | 3.3 | 12 | 0.3 | 14.2 |
| 176 | 8R251813 | 1.2 | 0.60 | 3.8 | 17.5 | 0.36 | 1.89 | 0.27 | 15.3 | 44.0 | 553.10 | 1.56 | 4.4 | <5 | 0.08 | 33.0 | 0.32 | 209 | 6.80 | 0.091 | 2.2 | 247.0 | 8.15 | 0.58 | 0.34 | 7.2 | 1.2 | 63.0 | 0.04 | 9.1 | 0.019 | 0.08 | 3.4 | 14 | 0.4 | 21.4 |
| 177 | 8R251814 | 3.8 | 1.19 | 11.3 | 11.0 | 1.28 | 3.45 | 0.49 | 62.5 | 85.5 | 1154.00 | 7.31 | 6.7 | 5 | 0.07 | 44.0 | 1.30 | 419 | 31.64 | 0.082 | 13.2 | 1557.0 | 6.45 | 4.22 | 1.20 | 11.5 | 3.9 | 102.0 | 0.22 | 2.3 | 0.089 | 0.16 | 1.2 | 130 | 0.6 | 37.1 |
| 178 | 8R251815 | 0.1 | 2.03 | 3.2 | 153.5 | 0.06 | 1.33 | 0.09 | 29.1 | 1368.0 | 106.20 | 4.68 | 6.4 | 25 | 0.19 | 8.0 | 0.90 | 710 | 21.33 | 0.250 | 1006.0 | 608.0 | 4.76 | 0.04 | 0.72 | 4.6 | 0.3 | 101.5 | <0.02 | 2.8 | 0.117 | 0.14 | 0.6 | 108 | 4.2 | 50.1 |
| 179 | 8R251816 | 5.9 | 0.28 | 9.2 | 5.5 | 7.64 | 3.85 | 0.88 | 276.5 | 115.0 | 3428.00 | 20.90 | 2.0 | 10 | 0.02 | 30.5 | 0.26 | 862 | 46.87 | 0.043 | 36.5 | 545.0 | 5.12 | 8.50 | 0.98 | 1.3 | 3.9 | 101.5 | 0.18 | 4.1 | 0.010 | 0.12 | 1.2 | 48 | 7.3 | 43.7 |
| 180 | 8R251817 | 7.4 | 1.39 | 10.2 | 26.5 | 1.28 | 3.28 | 0.90 | 37.6 | 60.0 | 2672.00 | 7.11 | 10.3 | 5 | 0.09 | 90.5 | 1.22 | 466 | 83.61 | 0.094 | 13.3 | 1392.0 | 6.18 | 3.74 | 1.50 | 10.2 | 2.5 | 103.5 | 0.06 | 4.5 | 0.069 | 0.12 | 2.4 | 146 | 3.8 | 55.1 |
| 181 | 8R251818 | 0.6 | 1.01 | 8.1 | 13.0 | 0.52 | 4.65 | 0.24 | 7.2 | 76.5 | 209.90 | 2.26 | 7.0 | <5 | 0.06 | 51.5 | 1.04 | 403 | 16.88 | 0.116 | 3.5 | 1638.0 | 5.59 | 0.84 | 0.52 | 11.0 | 1.5 | 175.5 | 0.06 | 7.4 | 0.052 | 0.08 | 2.0 | 118 | 1.2 | 29.0 |
| 182 | 8R251819 | 0.3 | 1.35 | 12.8 | 18.0 | 0.52 | 3.80 | 0.12 | 7.8 | 40.0 | 108.50 | 2.87 | 8.8 | <5 | 0.06 | 38.0 | 1.15 | 522 | 4.55 | 0.089 | 2.8 | 1590.0 | 5.52 | 0.50 | 1.24 | 10.5 | 1.4 | 142.0 | 0.06 | 8.3 | 0.011 | 0.08 | 1.5 | 106 | 0.4 | 29.1 |
| 183 | 8R251820 | 0.2 | 1.40 | 5.1 | 34.5 | 0.40 | 2.11 | 0.25 | 8.0 | 86.0 | 12.88 | 3.13 | 13.2 | <5 | 0.08 | 91.0 | 0.97 | 611 | 4.28 | 0.087 | 10.0 | 1439.0 | 33.43 | 0.30 | 0.62 | 3.5 | 1.2 | 79.0 | <0.02 | 19.4 | 0.038 | 0.08 | 2.9 | 56 | 0.6 | 86.8 |
| 184 | 8R251821 | 0.3 | 1.51 | 6.2 | 33.0 | 0.46 | 2.26 | 0.25 | 8.9 | 93.0 | 13.97 | 3.24 | 13.7 | 5 | 0.07 | 91.0 | 1.02 | 639 | 4.79 | 0.090 | 11.8 | 1478.0 | 36.73 | 0.34 | 0.72 | 4.1 | 1.2 | 80.5 | 0.02 | 19.6 | 0.044 | 0.08 | 3.1 | 62 | 0.6 | 90.9 |
| 185 | 8R251822 | 0.3 | 0.52 | 9.0 | 10.5 | 0.80 | 1.14 | 0.04 | 2.0 | 70.0 | 25.76 | 1.75 | 3.9 | 5 | 0.08 | 31.5 | 0.16 | 272 | 15.15 | 0.067 | 1.8 | 161.0 | 8.44 | 0.54 | 0.26 | 3.8 | 1.3 | 38.5 | 0.18 | 11.9 | 0.002 | 0.06 | 11.1 | 6 | 0.3 | 17.1 |
| 186 | 8R251823 | 0.2 | 0.61 | 8.5 | 9.0 | 0.36 | 1.28 | 0.06 | 1.7 | 56.5 | 20.05 | 2.16 | 5.3 | 5 | 0.08 | 41.5 | 0.18 | 326 | 27.57 | 0.074 | 1.4 | 193.0 | 6.11 | 0.62 | 0.26 | 6.6 | 1.9 | 33.0 | 0.06 | 10.7 | 0.004 | 0.06 | 6.8 | 6 | 0.3 | 20.4 |
| 187 | 8R251824 | 0.1 | 0.53 | 5.3 | 10.5 | 0.20 | 1.23 | 0.06 | 1.5 | 67.5 | 29.82 | 1.91 | 4.0 | 5 | 0.09 | 33.0 | 0.13 | 235 | 11.06 | 0.072 | 1.6 | 163.0 | 5.17 | 0.86 | 0.28 | 5.4 | 1.4 | 19.5 | 0.04 | 8.5 | 0.015 | 0.06 | 4.6 | 4 | 0.3 | 15.9 |
| 188 | 8R251825 | 0.2 | 1.28 | 17.7 | 40.5 | 2.76 | 6.22 | 0.11 | 10.7 | 74.5 | 32.23 | 4.21 | 5.5 | 5 | 0.04 | 5.5 | 1.05 | 747 | 2.90 | 0.090 | 6.4 | 1224.0 | 4.42 | 2.12 | 0.58 | 12.6 | 0.9 | 140.5 | 0.16 | 2.0 | 0.078 | 0.06 | 0.5 | 90 | 1.2 | 38.6 |
| 189 | 8R251826 | 0.4 | 1.08 | 11.6 | 24.5 | 4.02 | 4.32 | 0.31 | 10.6 | 83.0 | 14.55 | 3.34 | 4.2 | <5 | 0.04 | 4.5 | 0.55 | 413 | 8.46 | 0.118 | 6.2 | 1161.0 | 8.55 | 2.48 | 0.42 | 5.6 | 1.8 | 90.5 | 0.12 | 1.7 | 0.089 | 0.04 | 0.6 | 52 | 0.8 | 34.2 |
| 190 | 8R251827 | 0.1 | 1.00 | 1.9 | 39.5 | 0.24 | 0.75 | 0.32 | 5.8 | 76.0 | 20.83 | 2.70 | 9.8 | <5 | 0.15 | 90.5 | 0.74 | 670 | 2.82 | 0.099 | 13.5 | 989.0 | 32.16 | 0.02 | 0.06 | 2.4 | 1.3 | 45.5 | 0.02 | 35.7 | 0.031 | 0.12 | 3.5 | 34 | 0.4 | 70.3 |
| 191 | 8R251828 | 0.4 | 0.88 | 7.6 | 42.5 | 2.58 | 4.25 | 0.11 | 10.8 | 67.5 | 22.30 | 3.66 | 4.1 | <5 | 0.05 | 10.0 | 0.81 | 527 | 4.06 | 0.098 | 5.9 | 1052.0 | 6.29 | 2.20 | 0.42 | 7.6 | 1.2 | 104.5 | 0.10 | 8.4 | 0.077 | 0.06 | 2.1 | 64 | 1.4 | 31.9 |
| 192 | 8R251829 | 0.2 | 0.98 | 5.1 | 33.5 | 1.76 | 2.33 | 0.07 | 13.7 | 48.0 | 23.88 | 4.38 | 3.5 | 10 | 0.04 | 4.5 | 0.62 | 195 | 5.71 | 0.197 | 6.0 | 1286.0 | 11.03 | 2.44 | 0.26 | 3.2 | 0.6 | 84.0 | 0.10 | 1.3 | 0.100 | 0.04 | 0.4 | 58 | 7.5 | 13.5 |
| 193 | 8R251830 | 0.1 | 1.12 | 6.0 | 52.0 | 1.32 | 2.61 | 0.08 | 13.8 | 54.0 | 32.93 | 4.45 | 4.4 | <5 | 0.06 | 4.0 | 0.77 | 242 | 4.32 | 0.193 | 7.1 | 1344.0 | 3.18 | 2.20 | 0.34 | 3.4 | 0.5 | 87.5 | 0.08 | 1.0 | 0.117 | 0.06 | 0.4 | 74 | 0.8 | 17.4 |
| 194 | 8R251831 | 0.2 | 1.10 | 9.6 | 37.0 | 1.36 | 4.23 | 0.13 | 15.5 | 41.5 | 50.22 | 4.47 | 4.9 | <5 | 0.05 | 4.0 | 0.97 | 397 | 5.98 | 0.098 | 7.2 | 1408.0 | 5.81 | 2.42 | 0.66 | 4.6 | 0.5 | 103.5 | 0.10 | 1.1 | 0.096 | 0.08 | 0.4 | 78 | 3.2 | 24.6 |
| 195 | 8R251832 | 0.2 | 1.26 | 10.8 | 51.5 | 1.26 | 6.25 | 0.21 | 12.1 | 57.0 | 33.89 | 3.50 | 4.6 | 5 | 0.06 | 4.5 | 1.20 | 647 | 4.61 | 0.070 | 5.8 | 1081.0 | 6.12 | 1.68 | 0.42 | 7.5 | 1.0 | 130.5 | 0.08 | 2.4 | 0.072 | 0.06 | 3.5 | 66 | 2.0 | 57.5 |
| 196 | 8R251833 | 0.1 | 1.36 | 10.5 | 32.5 | 1.20 | 7.37 | 0.26 | 13.1 | 64.5 | 18.99 | 3.63 | 5.9 | <5 | 0.05 | 8.0 | 1.15 | 720 | 11.61 | 0.085 | 9.4 | 1152.0 | 10.89 | 1.52 | 0.34 | 8.8 | 1.0 | 124.0 | 0.06 | 2.3 | 0.076 | 0.04 | 1.4 | 76 | 0.9 | 56.2 |
| 197 | 8R251834 | 0.8 | 2.34 | 9.0 | 71.5 | 7.12 | 4.09 | 0.34 | 18.8 | 85.0 | 339.00 | 10.00 | 11.9 | <5 | 0.84 | 17.0 | 2.77 | 857 | 21.04 | 0.064 | 45.9 | 1206.0 | 6.54 | 2.82 | 0.20 | 8.4 | 8.7 | 134.0 | 2.48 | 3.5 | 0.045 | 0.80 | 1.3 | 288 | 0.2 | 88.3 |
| 198 | 8R251835 | 0.3 | 1.70 | 15.6 | 50.5 | 2.70 | 2.92 | 0.21 | 8.1 | 91.0 | 71.22 | 4.49 | 8.5 | <5 | 0.10 | 24.0 | 1.03 | 806 | 9.51 | 0.067 | 17.2 | 1256.0 | 7.08 | 0.50 | 0.68 | 9.5 | 2.7 | 123.5 | 0.50 | 5.2 | 0.008 | 0.12 | 1.3 | 154 | 0.1 | 69.6 |
| 199 | 8R251836 | 0.5 | 1.46 | 53.2 | 46.0 | 4.64 | 3.48 | 9.45 | 16.3 | 127.5 | 259.00 | 8.13 | 6.1 | 140 | 0.07 | 18.5 | 1.10 | 603 | 36.43 | 0.056 | 47.1 | 1623.0 | 11.62 | 2.74 | 0.78 | 11.0 | 11.3 | 154.5 | 1.22 | 2.8 | 0.024 | 0.06 | 1.6 | 272 | 0.6 | 459.0 |
| 200 | 8R251837 | 5.9 | 0.29 | 432.3 | 24.5 | 0.02 | 0.13 | 0.06 | 21.0 | 1202.0 | 56.65 | 3.17 | 1.6 | 7775 | 0.11 | 6.5 | 0.07 | 230 | 18.08 | 0.041 | 859.0 | 279.0 | 4.99 | 1.60 | 80.46 | 1.3 | 21.4 | 5.5 | <0.02 | 0.5 | 0.002 | 10.56 | 0.1 | 16 | 4.0 | 33.1 |
| 201 | 8R251838 | 0.5 | 1.80 | 105.7 | 39.0 | 1.68 | 4.48 | 0.32 | 14.8 | 120.5 | 205.10 | 7.45 | 8.2 | 185 | 0.05 | 22.5 | 1.15 | 627 | 28.51 | 0.052 | 59.7 | 1698.0 | 7.61 | 2.46 | 1.38 | 12.3 | 10.1 | 185.5 | 0.32 | 3.5 | 0.012 | 0.20 | 2.1 | 368 | 0.2 | 48.1 |
| 202 | 8R251839 | 0.3 | 1.33 | 33.0 | 62.0 | 1.24 | 4.06 | 0.21 | 13.8 | 114.0 | 138.70 | 5.82 | 5.7 | 95 | 0.06 | 15.0 | 1.08 | 415 | 11.27 | 0.068 | 54.4 | 1777.0 | 5.27 | 1.76 | 0.46 | 11.7 | 6.9 | 152.0 | 0.22 | 3.2 | 0.047 | 0.08 | 1.4 | 258 | 0.2 | 26.5 |
| 203 | 8R251840 | 0.1 | 0.81 | 8.3 | 45.0 | 1.74 | 3.68 | 0.05 | 8.0 | 106.5 | 64.66 | 3.40 | 3.7 | 55 | 0.06 | 13.5 | 0.74 | 437 | 14.73 | 0.094 | 30.0 | 1278.0 | 3.28 | 1.20 | 0.12 | 7.2 | 4.4 | 124.5 | 0.16 | 6.0 | 0.053 | 0.04 | 2.1 | 128 | 0.1 | 28.0 |
| 204 | 8R251841 | 0.2 | 1.24 | 13.4 | 98.0 | 0.80 | 3.05 | 0.21 | 10.8 | 110.5 | 80.28 | 3.88 | 4.9 | 45 | 0.08 | 20.0 | 0.69 | 318 | 8.66 | 0.244 | 31.4 | 1546.0 | 4.30 | 1.28 | 0.22 | 5.8 | 5.4 | 111.5 | 0.10 | 5.6 | 0.058 | 0.06 | 2.1 | 100 | 0.2 | 30.0 |
| 205 | 8R251842 | 1.3 | 1.14 | 23.8 | 40.5 | 2.40 | 4.69 | 1.62 | 13.3 | 98.5 | 98.63 | 5.12 | 4.7 | 35 | 0.07 | 20.5 | 0.89 | 577 | 18.69 | 0.069 | 41.6 | 1730.0 | 85.50 | 1.86 | 0.46 | 7.9 | 8.3 | 132.0 | 0.16 | 4.9 | 0.047 | 0.06 | 1.9 | 186 | 0.2 | 99.5 |
| 206 | 8R251843 | 1.7 | 1.28 | 26.8 | 44.5 | 2.76 | 4.89 | 1.67 | 14.5 | 106.5 | 106.30 | 5.34 | 5.0 | 35 | 0.08 | 21.0 | 0.94 | 602 | 20.10 | 0.065 | 41.6 | 1693.0 | 109.20 | 1.92 | 0.70 | 8.6 | 12.5 | 160.0 | 0.46 | 4.5 | 0.044 | 0.08 | 1.8 | 204 | 0.2 | 116.0 |
| 207 | 8R251844 | 0.2 | 1.11 | 30.0 | 62.0 | 0.50 | 4.02 | 0.37 | 16.4 | 106.5 | 110.90 | 5.35 | 4.5 | 30 | 0.06 | 14.0 | 0.96 | 573 | 20.96 | 0.076 | 55.8 | 1562.0 | 3.84 | 1.86 | 0.38 | 10.6 | 10.8 | 139.0 | 0.08 | 3.0 | 0.058 | 0.04 | 1.4 | 240 | 0.6 | 43.6 |
| 208 | 8R251845 | 0.3 | 1.29 | 48.5 | 53.5 | 0.68 | 4.32 | 0.17 | 18.9 | 112.0 | 134.50 | 5.89 | 5.4 | 20 | 0.06 | 15.5 | 1.24 | 398 | 17.95 | 0.076 | 62.7 | 1822.0 | 6.40 | 2.04 | 0.44 | 13.7 | 11.0 | 152.0 | 0.12 | 2.8 | 0.056 | 0.04 | 1.5 | 300 | 0.1 | 29.1 |
| 209 | 8R251846 | 0.3 | 1.43 | 54.2 | 39.5 | 0.74 | 5.18 | 0.19 | 12.2 | 103.5 | 74.64 | 3.87 | 5.9 | 20 | 0.07 | 17.0 | 1.10 | 502 | 21.33 | 0.066 | 47.5 | 1262.0 | 6.28 | 0.88 | 0.82 | 9.6 | 6.2 | 205.5 | 0.20 | 4.2 | 0.013 | 0.06 | 2.3 | 252 | 0.1 | 30.0 |
| 210 | 8R251847 | 0.3 | 2.72 | 25.4 | 62.5 | 1.24 | 5.54 | 0.24 | 23.3 | 114.5 | 140.70 | 7.35 | 11.3 | 15 | 0.40 | 18.5 | 3.30 | 571 | 22.91 | 0.069 | 71.7 | 1748.0 | 3.35 | 2.54 | 0.80 | 13.9 | 13.5 | 196.5 | 0.42 | 3.1 | 0.055 | 0.76 | 1.9 | 372 | 0.1 | 91.5 |

**ECO TECH LABORATORY LTD.** **ICP CERTIFICATE OF ANALYSIS AW 2008- 1888** **Kingsman Resources**

| Et #. | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppb | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Se ppm | Sr ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 211 | 8R251848 | 1.7 | 2.29 | 85.3 | 41.0 | #### | 4.46 | 0.18 | 14.4 | 101.0 | 135.00 | 5.58 | 9.2 | 15 | 0.07 | 20.0 | 1.49 | 530 | 33.84 | 0.056 | 63.2 | 1409.0 | 5.76 | 0.62 | 0.88 | 10.8 | 9.1 | 147.0 | 49.52 | 4.8 | 0.010 | 0.08 | 2.0 | 330 | 0.1 | 35.4 |
| 212 | 8R251849 | 0.1 | 1.06 | 2.1 | 34.0 | 0.28 | 0.63 | 0.35 | 5.7 | 83.0 | 21.73 | 2.68 | 10.1 | 15 | 0.16 | 97.0 | 0.73 | 665 | 2.38 | 0.092 | 14.9 | 981.0 | 37.00 | <0.02 | 0.08 | 2.6 | 1.4 | 41.5 | 0.02 | 35.9 | 0.031 | 0.12 | 3.8 | 36 | 0.4 | 73.2 |
| 213 | 8R251850 | 0.5 | 1.94 | 87.4 | 39.0 | 5.46 | 5.04 | 0.16 | 11.7 | 98.5 | 148.80 | 5.15 | 7.2 | 15 | 0.09 | 17.5 | 1.05 | 556 | 31.48 | 0.051 | 46.3 | 1151.0 | 6.99 | 0.94 | 1.20 | 7.8 | 5.4 | 210.0 | 0.90 | 4.6 | 0.002 | 0.10 | 1.8 | 238 | 0.1 | 40.5 |
| 214 | 8R251851 | 0.4 | 1.61 | 16.8 | 53.5 | 0.52 | 5.80 | 0.19 | 9.6 | 95.0 | 83.79 | 3.80 | 6.0 | 10 | 0.14 | 16.0 | 1.00 | 710 | 21.32 | 0.069 | 37.6 | 1407.0 | 5.84 | 0.82 | 0.54 | 10.0 | 4.4 | 164.5 | 0.22 | 3.7 | 0.010 | 0.10 | 1.3 | 192 | 0.1 | 52.0 |
| 215 | 8R251852 | 0.3 | 1.28 | 7.0 | 67.0 | 0.48 | 4.89 | 0.15 | 9.1 | 85.0 | 85.25 | 3.83 | 4.9 | 10 | 0.05 | 13.5 | 1.07 | 649 | 9.19 | 0.099 | 17.3 | 1464.0 | 3.82 | 1.12 | 0.40 | 13.7 | 4.7 | 142.5 | 0.24 | 4.3 | 0.069 | 0.04 | 1.3 | 118 | 0.2 | 47.0 |
| 216 | 8R251853 | 0.1 | 1.16 | 4.9 | 79.0 | 0.16 | 1.98 | 0.13 | 4.2 | 102.5 | 5.74 | 2.69 | 6.0 | 10 | 0.14 | 25.0 | 0.54 | 756 | 8.62 | 0.102 | 3.8 | 837.0 | 7.36 | 0.12 | 0.34 | 9.3 | 0.9 | 56.0 | 0.04 | 9.2 | 0.030 | 0.08 | 4.2 | 36 | 0.1 | 56.3 |
| 217 | 8R251854 | 0.3 | 0.99 | 15.9 | 37.0 | 0.18 | 3.27 | 0.11 | 12.6 | 76.0 | 29.51 | 5.52 | 4.2 | 10 | 0.05 | 5.5 | 0.98 | 520 | 1.71 | 0.085 | 5.7 | 1109.0 | 5.38 | 2.62 | 0.40 | 10.8 | 0.3 | 59.0 | 0.02 | 1.4 | 0.078 | 0.04 | 0.5 | 90 | <0.1 | 37.3 |
| 218 | 8R251855 | 0.2 | 0.85 | 6.6 | 22.5 | 0.20 | 2.46 | 0.12 | 9.6 | 40.0 | 28.32 | 4.26 | 3.7 | 10 | 0.04 | 6.5 | 0.89 | 431 | 1.79 | 0.068 | 3.6 | 884.0 | 7.54 | 1.98 | 0.28 | 9.0 | 0.3 | 41.0 | <0.02 | 4.5 | 0.051 | 0.04 | 3.2 | 74 | <0.1 | 33.8 |
| 219 | 8R251856 | 0.1 | 1.16 | 7.6 | 27.5 | 0.10 | 2.43 | 0.20 | 10.4 | 72.0 | 12.20 | 3.74 | 4.9 | 10 | 0.05 | 5.0 | 1.05 | 509 | 0.93 | 0.100 | 5.8 | 1117.0 | 5.74 | 1.64 | 0.46 | 9.0 | 0.4 | 54.0 | 0.02 | 1.5 | 0.113 | 0.04 | 0.6 | 94 | 0.1 | 57.9 |
| 220 | 8R251857 | 0.1 | 0.84 | 5.5 | 32.0 | 0.12 | 2.26 | 0.15 | 9.1 | 94.0 | 11.95 | 2.77 | 4.0 | 5 | 0.04 | 5.0 | 0.62 | 385 | 0.95 | 0.112 | 5.6 | 1060.0 | 5.13 | 1.28 | 0.68 | 5.2 | 0.2 | 50.5 | <0.02 | 1.6 | 0.104 | 0.04 | 0.7 | 76 | 0.1 | 38.7 |
| 221 | 8R251858 | 0.4 | 1.40 | 9.6 | 51.0 | 0.24 | 3.87 | 0.16 | 11.9 | 69.0 | 223.30 | 4.64 | 6.2 | 10 | 0.06 | 6.5 | 1.15 | 902 | 1.00 | 0.073 | 6.2 | 903.0 | 6.11 | 1.70 | 0.74 | 13.2 | 0.6 | 76.0 | 0.06 | 2.1 | 0.054 | 0.08 | 0.9 | 118 | 0.1 | 54.3 |
| 222 | 8R251859 | 0.1 | 1.92 | 13.3 | 37.0 | 0.14 | 5.76 | 0.15 | 11.6 | 83.5 | 32.27 | 4.70 | 8.1 | 10 | 0.07 | 12.0 | 1.61 | 1159 | 1.32 | 0.088 | 7.0 | 1022.0 | 6.56 | 1.18 | 0.74 | 15.2 | 0.7 | 121.0 | <0.02 | 2.7 | 0.048 | 0.06 | 0.8 | 128 | 0.1 | 72.1 |
| 223 | 8R251860 | 0.4 | 1.19 | 10.5 | 56.0 | 3.24 | 2.81 | 0.23 | 12.4 | 93.5 | 170.30 | 6.01 | 6.2 | 5 | 0.07 | 22.0 | 1.02 | 566 | 13.93 | 0.063 | 31.3 | 1392.0 | 7.14 | 1.96 | 0.14 | 9.3 | 7.3 | 105.5 | 1.00 | 5.4 | 0.030 | 0.04 | 2.0 | 206 | 0.1 | 50.7 |
| 224 | 8R251861 | 0.4 | 1.17 | 9.0 | 56.0 | 3.04 | 2.81 | 0.21 | 12.5 | 92.0 | 167.50 | 5.92 | 6.3 | 5 | 0.07 | 22.0 | 1.00 | 559 | 13.71 | 0.063 | 31.2 | 1391.0 | 6.85 | 1.80 | 0.16 | 9.5 | 6.5 | 104.5 | 0.98 | 5.4 | 0.028 | 0.04 | 2.0 | 200 | 0.1 | 48.4 |
| 225 | 8R251862 | 0.2 | 0.66 | 4.7 | 54.5 | 1.28 | 3.13 | 0.14 | 8.3 | 56.5 | 72.70 | 3.04 | 3.4 | 5 | 0.05 | 12.5 | 0.62 | 280 | 9.82 | 0.098 | 26.3 | 1308.0 | 3.34 | 1.24 | 0.14 | 5.8 | 4.0 | 77.0 | 0.26 | 4.3 | 0.071 | 0.02 | 1.6 | 76 | 0.2 | 15.3 |
| 226 | 8R251863 | 0.2 | 1.97 | 44.0 | 69.5 | 0.54 | 6.31 | 0.38 | 12.3 | 108.0 | 92.13 | 5.04 | 7.9 | 5 | 0.07 | 22.5 | 1.33 | 810 | 21.07 | 0.056 | 42.5 | 1721.0 | 3.81 | 0.66 | 0.42 | 11.7 | 4.6 | 252.0 | 0.10 | 4.6 | 0.007 | 0.04 | 2.2 | 282 | 0.1 | 62.9 |
| 227 | 8R251864 | 3.7 | 1.71 | 77.1 | 48.0 | 1.30 | 5.22 | 0.28 | 17.3 | 108.0 | 148.00 | 5.96 | 7.3 | 5 | 0.07 | 16.5 | 1.40 | 509 | 18.82 | 0.056 | 58.9 | 1624.0 | 10.67 | 1.84 | 1.16 | 12.9 | 10.0 | 218.0 | 0.96 | 2.9 | 0.020 | 0.06 | 1.8 | 310 | 0.1 | 41.5 |
| 228 | 8R251865 | 0.3 | 2.03 | 30.7 | 52.5 | 1.42 | 4.06 | 0.18 | 12.5 | 58.5 | 157.40 | 6.11 | 8.2 | 10 | 0.14 | 11.5 | 2.10 | 451 | 12.09 | 0.139 | 33.2 | 1012.0 | 4.14 | 2.46 | 0.40 | 8.3 | 7.5 | 142.0 | 0.38 | 3.4 | 0.051 | 0.18 | 1.4 | 150 | 0.2 | 36.8 |
| 229 | 8R251866 | 0.9 | 1.11 | 55.8 | 40.5 | 6.62 | 4.24 | 0.15 | 18.6 | 109.5 | 227.40 | 7.35 | 5.4 | 5 | 0.06 | 16.5 | 1.09 | 442 | 25.34 | 0.055 | 59.0 | 1347.0 | 5.16 | 2.72 | 0.70 | 11.4 | 10.6 | 122.5 | 0.98 | 2.7 | 0.042 | 0.10 | 1.6 | 406 | 0.6 | 26.8 |
| 230 | 8R251867 | 0.1 | 0.94 | 1.9 | 34.0 | 0.24 | 0.63 | 0.29 | 5.1 | 70.0 | 29.19 | 2.55 | 9.3 | 5 | 0.12 | 98.5 | 0.67 | 647 | 2.69 | 0.089 | 12.8 | 946.0 | 36.74 | <0.02 | 0.06 | 2.3 | 1.5 | 38.0 | <0.02 | 35.2 | 0.028 | 0.08 | 3.5 | 32 | 0.4 | 71.1 |
| 231 | 8R251868 | 0.3 | 1.12 | 35.4 | 50.5 | 1.34 | 3.09 | 0.40 | 16.8 | 96.0 | 158.80 | 5.99 | 5.6 | <5 | 0.06 | 11.5 | 1.06 | 373 | 20.83 | 0.069 | 53.4 | 1485.0 | 3.89 | 1.78 | 1.76 | 11.0 | 10.9 | 75.5 | 0.36 | 3.1 | 0.073 | 0.06 | 1.6 | 204 | 0.4 | 35.8 |
| 232 | 8R251869 | 0.4 | 1.59 | 34.4 | 33.0 | 19.20 | 3.11 | 0.15 | 19.9 | 77.0 | 206.00 | 7.78 | 7.8 | 5 | 0.13 | 12.0 | 1.92 | 404 | 28.53 | 0.063 | 58.2 | 1475.0 | 4.23 | 3.24 | 1.10 | 8.0 | 13.5 | 69.0 | 3.44 | 3.4 | 0.093 | 0.32 | 2.0 | 244 | 0.3 | 47.9 |
| 233 | 8R251870 | 0.4 | 0.98 | 25.3 | 43.5 | 1.58 | 3.64 | 0.18 | 12.9 | 79.0 | 121.80 | 5.12 | 4.9 | 5 | 0.05 | 11.5 | 0.99 | 422 | 28.07 | 0.080 | 52.1 | 1293.0 | 4.50 | 1.90 | 0.66 | 10.2 | 8.0 | 101.5 | 0.68 | 2.9 | 0.069 | 0.08 | 1.5 | 210 | 0.2 | 29.7 |
| 234 | 8R251871 | 0.2 | 0.66 | 4.7 | 54.0 | 1.30 | 3.13 | 0.12 | 8.1 | 56.5 | 71.80 | 3.03 | 3.3 | <5 | 0.05 | 12.5 | 0.62 | 281 | 9.85 | 0.098 | 26.3 | 1365.0 | 3.74 | 1.22 | 0.16 | 5.9 | 4.1 | 76.5 | 0.26 | 4.2 | 0.072 | 0.04 | 1.7 | 76 | 0.2 | 14.9 |
| 235 | 8R251872 | 0.6 | 1.00 | 17.6 | 49.5 | 2.44 | 5.73 | 0.32 | 11.6 | 86.5 | 110.00 | 4.50 | 5.0 | 5 | 0.05 | 16.0 | 0.88 | 560 | 22.18 | 0.059 | 58.6 | 1241.0 | 5.01 | 1.54 | 0.38 | 9.3 | 6.3 | 146.0 | 0.30 | 4.1 | 0.045 | 0.04 | 2.3 | 228 | 0.2 | 41.1 |
| 236 | 8R251873 | <0.1 | 0.95 | 6.0 | 35.0 | 0.18 | 2.71 | 0.09 | 3.4 | 44.5 | 9.06 | 2.17 | 5.0 | 5 | 0.08 | 23.0 | 0.42 | 575 | 25.83 | 0.057 | 2.8 | 707.0 | 6.38 | 0.08 | 0.24 | 5.1 | 0.9 | 59.5 | 0.04 | 8.1 | 0.003 | 0.04 | 4.0 | 28 | <0.1 | 40.7 |
| 237 | 8R251874 | 0.1 | 1.09 | 7.7 | 41.5 | 0.10 | 5.01 | 0.22 | 4.2 | 50.0 | 5.37 | 2.82 | 5.1 | 5 | 0.11 | 22.5 | 0.46 | 936 | 4.90 | 0.052 | 1.8 | 811.0 | 8.36 | 0.46 | 0.38 | 4.8 | 1.9 | 114.5 | <0.02 | 4.9 | 0.004 | 0.08 | 2.0 | 20 | <0.1 | 57.5 |
| 238 | 8R251875 | 0.1 | 1.14 | 11.1 | 51.0 | 0.10 | 3.62 | 0.20 | 4.7 | 59.5 | 5.84 | 2.90 | 5.0 | 5 | 0.13 | 25.0 | 0.45 | 755 | 13.44 | 0.052 | 2.0 | 857.0 | 10.33 | 0.56 | 0.44 | 4.4 | 2.0 | 71.5 | 0.02 | 5.9 | 0.004 | 0.08 | 2.6 | 20 | 0.1 | 61.8 |
| 239 | 8R251876 | 0.1 | 1.31 | 17.2 | 44.0 | 0.14 | 4.02 | 0.15 | 4.8 | 56.0 | 19.68 | 3.21 | 6.1 | 5 | 0.12 | 28.5 | 0.53 | 727 | 5.61 | 0.052 | 2.2 | 911.0 | 8.90 | 0.60 | 0.34 | 4.5 | 1.2 | 82.0 | 0.06 | 6.6 | 0.003 | 0.08 | 1.9 | 26 | <0.1 | 61.0 |
| 240 | 8R251877 | 0.1 | 2.05 | 3.2 | 140.0 | 0.06 | 1.13 | 0.10 | 27.7 | 1302.0 | 102.70 | 4.82 | 6.4 | 25 | 0.18 | 7.5 | 0.92 | 738 | 21.78 | 0.260 | 958.9 | 606.0 | 5.25 | 0.04 | 0.70 | 4.7 | 0.3 | 100.5 | <0.02 | 2.9 | 0.114 | 0.06 | 0.7 | 104 | 4.0 | 47.9 |
| 241 | 8R251878 | 0.2 | 1.35 | 39.4 | 39.0 | 0.14 | 4.27 | 0.12 | 8.7 | 74.0 | 29.84 | 4.16 | 5.5 | 5 | 0.09 | 16.5 | 0.81 | 629 | 4.93 | 0.066 | 3.8 | 1033.0 | 7.76 | 1.68 | 1.22 | 10.0 | 0.8 | 110.5 | 0.02 | 5.1 | 0.003 | 0.08 | 1.4 | 68 | <0.1 | 39.9 |
| 242 | 8R251879 | 0.2 | 1.85 | 13.7 | 42.5 | 0.16 | 6.57 | 0.14 | 8.2 | 55.5 | 35.94 | 4.21 | 8.0 | <5 | 0.05 | 18.0 | 1.51 | 1389 | 1.64 | 0.090 | 3.1 | 933.0 | 7.06 | 0.68 | 0.98 | 13.2 | 0.9 | 171.0 | 0.02 | 5.3 | 0.023 | 0.04 | 2.0 | 96 | <0.1 | 76.0 |
| **QC DATA:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Repeat:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 8R250188 | 0.3 | 1.21 | 3.9 | 21.0 | 0.62 | 2.42 | 0.15 | 7.7 | 47.0 | 66.44 | 2.79 | 7.6 | <5 | 0.05 | 19.0 | 1.04 | 442 | 3.59 | 0.084 | 3.3 | 1093.0 | 7.72 | 0.16 | 0.40 | 7.8 | 0.5 | 94.5 | 0.10 | 6.4 | 0.079 | 0.04 | 1.4 | 94 | 0.7 | 38.6 |
| 10 | 8R250197 | 0.8 | 0.85 | 5.6 | 9.0 | 0.82 | 3.11 | 0.16 | 2.8 | 63.0 | 319.10 | 1.88 | 6.5 | 5 | 0.04 | 35.5 | 0.65 | 350 | 15.62 | 0.080 | 2.4 | 933.0 | 6.67 | 0.48 | 0.42 | 8.2 | 1.5 | 80.5 | 0.20 | 6.6 | 0.065 | 0.02 | 2.7 | 62 | 0.8 | 31.6 |
| 19 | 8R251656 | 0.2 | 1.43 | 17.1 | 30.5 | 1.60 | 3.59 | 0.18 | 13.1 | 39.0 | 22.39 | 3.86 | 5.2 | <5 | 0.04 | 5.0 | 0.67 | 372 | 7.69 | 0.341 | 7.2 | 1128.0 | 9.26 | 1.88 | 0.56 | 5.1 | 0.3 | 114.0 | 0.02 | 1.3 | 0.076 | 0.04 | 0.6 | 60 | 2.7 | 33.0 |
| 36 | 8R251673 | 0.5 | 1.13 | 6.9 | 4.5 | 0.24 | 3.68 | 0.12 | 14.9 | 74.5 | 138.60 | 3.90 | 6.8 | 15 | 0.03 | 9.5 | 1.38 | 494 | 3.84 | 0.078 | 18.3 | 1455.0 | 3.62 | 0.88 | 0.48 | 8.3 | 0.6 | 77.5 | 0.10 | 0.7 | 0.096 | 0.04 | 0.7 | 102 | 0.4 | 25.5 |
| 45 | 8R251682 | 0.2 | 2.08 | 1.5 | 29.0 | <0.02 | 3.89 | 0.08 | 18.5 | 109.0 | 56.16 | 4.45 | 11.3 | 30 | 0.13 | 38.0 | 2.05 | 809 | 2.38 | 0.051 | 46.1 | 1746.0 | 4.96 | 0.30 | 0.22 | 6.5 | 0.9 | 116.5 | <0.02 | 1.8 | 0.002 | 0.08 | 0.6 | 68 | 0.4 | 74.0 |
| 54 | 8R251691 | 0.2 | 0.83 | 9.3 | 32.5 | 1.18 | 2.53 | 0.08 | 14.4 | 40.5 | 26.19 | 3.47 | 3.0 | 15 | 0.04 | 4.0 | 0.38 | 231 | 4.58 | 0.235 | 7.5 | 1161.0 | 4.24 | 2.38 | 0.48 | 2.0 | 0.6 | 79.0 | 0.06 | 0.7 | 0.069 | 0.04 | 0.4 | 40 | 0.7 | 18.7 |
| 71 | 8R251708 | 0.6 | 1.16 | 8.9 | 5.0 | 0.52 | 3.49 | 0.09 | 22.8 | 70.0 | 206.10 | 4.78 | 7.0 | <5 | 0.03 | 7.5 | 1.48 | 529 | 2.72 | 0.092 | 24.8 | 1451.0 | 6.27 | 1.44 | 0.52 | 10.1 | 1.0 | 97.5 | 0.16 | 1.3 | 0.103 | 0.02 | 1.0 | 116 | 0.4 | 32.3 |
| 81 | 8R251718 | 0.1 | 1.57 | 6.3 | 37.0 | 0.42 | 4.40 | 0.05 | 10.2 | 53.5 | 49.67 | 4.53 | 8.6 | 5 | 0.05 | 6.5 | 1.49 | 593 | 2.96 | 0.091 | 6.5 | 1104.0 | 3.39 | 1.02 | 0.80 | 16.5 | 0.5 | 114.5 | 0.04 | 2.6 | 0.068 | 0.08 | 4.8 | 174 | 0.4 | 29.7 |
| 89 | 8R251726 | 0.1 | 1.59 | 18.0 | 28.5 | 1.18 | 6.98 | 0.18 | 14.2 | 31.0 | 15.00 | 3.15 | 5.4 | <5 | 0.06 | 4.5 | 0.81 | 580 | 2.71 | 0.226 | 6.5 | 1174.0 | 7.38 | 1.54 | 0.38 | 5.4 | 0.3 | 140.0 | 0.06 | 1.4 | 0.059 | 0.06 | 0.7 | 78 | 2.2 | 39.9 |
| 106 | 8R251743 | 1.1 | 1.23 | 7.7 | 8.0 | 0.62 | 5.65 | 0.23 | 19.8 | 77.5 | 299.90 | 3.53 | 7.3 | <5 | 0.04 | 11.5 | 1.83 | 463 | 13.39 | 0.097 | 16.6 | 1699.0 | 2.83 | 1.70 | 0.64 | 11.4 | 1.5 | 95.0 | 0.14 | 1.0 | 0.124 | 0.04 | 0.8 | 108 | 0.6 | 22.0 |
| 115 | 8R251752 | 0.9 | 1.10 | 7.1 | 11.0 | 0.92 | 3.79 | 0.18 | 17.2 | 58.5 | 473.70 | 4.12 | 5.6 | 10 | 0.09 | 8.5 | 1.27 | 431 | 3.24 | 0.116 | 20.4 | 1616.0 | 3.37 | 1.60 | 0.80 | 9.7 | 1.5 | 117.5 | 0.16 | 0.7 | 0.133 | 0.14 | 0.6 | 106 | 0.3 | 25.5 |
| 124 | 8R251761 | 28.4 | 1.00 | 6.3 | 17.0 | 1.64 | 2.71 | 1.36 | 19.2 | 68.0 | >10000 | 5.18 | 7.4 | 20 | 0.07 | 36.0 | 0.93 | 316 | 70.25 | 0.074 | 13.3 | 1627.0 | 6.46 | 3.04 | 0.70 | 8.4 | 2.6 | 47.5 | 0.10 | 5.4 | 0.090 | 0.10 | 9.3 | 102 | 11.7 | 61.7 |

**ECO TECH LABORATORY LTD.** **ICP CERTIFICATE OF ANALYSIS AW 2008- 1888** **Kingsman Resources**

| Et # | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppb | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | S % | Sb ppm | Sc ppm | Se ppm | Sr ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 141 | 8R251778 | 1.0 | 1.44 | 14.4 | 23.5 | 0.96 | 4.67 | 0.13 | 30.9 | 95.0 | 358.20 | 4.83 | 7.1 | <5 | 0.24 | 8.0 | 1.89 | 593 | 1.89 | 0.111 | 26.4 | 1599.0 | 3.23 | 1.94 | 0.84 | 13.1 | 1.3 | 79.0 | 0.12 | 0.8 | 0.162 | 0.22 | 0.6 | 138 | 0.7 | 30.5 |
| 151 | 8R251788 | 2.6 | 1.06 | 7.4 | 9.5 | 0.78 | 4.43 | 0.60 | 14.1 | 76.0 | 782.20 | 4.70 | 5.7 | <5 | 0.10 | 22.5 | 1.51 | 437 | 4.83 | 0.095 | 20.5 | 1514.0 | 4.59 | 2.80 | 1.18 | 12.8 | 2.0 | 93.0 | 0.14 | 1.6 | 0.111 | 0.14 | 1.3 | 114 | 4.8 | 44.6 |
| 159 | 8R251796 | 0.2 | 1.02 | 7.5 | 35.0 | 0.48 | 3.23 | 0.10 | 8.7 | 46.5 | 76.15 | 2.59 | 8.6 | 5 | 0.06 | 44.5 | 1.05 | 448 | 3.77 | 0.078 | 4.2 | 1362.0 | 8.95 | 0.82 | 0.26 | 8.1 | 1.4 | 181.0 | 0.04 | 8.4 | 0.016 | 0.04 | 2.0 | 76 | 0.6 | 37.5 |
| 176 | 8R251813 | 1.2 | 0.61 | 3.7 | 17.5 | 0.34 | 1.97 | 0.28 | 15.5 | 44.0 | 549.90 | 1.57 | 4.8 | <5 | 0.08 | 34.0 | 0.32 | 210 | 6.58 | 0.096 | 2.4 | 248.0 | 7.10 | 0.58 | 0.32 | 6.9 | 1.3 | 63.0 | <0.02 | 8.8 | 0.020 | 0.06 | 3.9 | 14 | 0.3 | 20.8 |
| 185 | 8R251822 | 0.2 | 0.53 | 9.2 | 11.0 | 0.72 | 1.20 | 0.05 | 1.9 | 70.5 | 26.74 | 1.77 | 4.4 | 5 | 0.09 | 31.5 | 0.15 | 275 | 15.39 | 0.073 | 1.9 | 163.0 | 7.98 | 0.54 | 0.24 | 3.8 | 1.3 | 39.5 | 0.16 | 11.7 | 0.002 | 0.06 | 12.2 | 6 | 0.3 | 16.8 |
| 194 | 8R251831 | 0.2 | 1.08 | 9.4 | 39.0 | 1.34 | 4.21 | 0.12 | 15.4 | 41.0 | 49.35 | 4.41 | 4.8 | 5 | 0.05 | 4.0 | 0.96 | 390 | 5.53 | 0.100 | 7.1 | 1364.0 | 6.16 | 2.44 | 0.66 | 4.5 | 0.5 | 104.0 | 0.08 | 1.0 | 0.099 | 0.08 | 0.4 | 78 | 3.0 | 24.7 |
| 211 | 8R251848 | 1.6 | 2.30 | 87.6 | 41.5 | #### | 4.58 | 0.19 | 14.6 | 101.0 | 134.10 | 5.58 | 8.9 | 10 | 0.07 | 20.0 | 1.49 | 531 | 33.37 | 0.057 | 63.2 | 1358.0 | 6.74 | 0.60 | 0.98 | 10.5 | 8.9 | 147.5 | 49.18 | 4.6 | 0.008 | 0.06 | 2.0 | 330 | 0.1 | 36.4 |
| 220 | 8R251857 | 0.1 | 0.87 | 5.8 | 32.0 | 0.10 | 2.31 | 0.15 | 9.3 | 97.0 | 12.26 | 2.86 | 3.9 | 5 | 0.04 | 5.0 | 0.64 | 399 | 0.92 | 0.117 | 5.6 | 1107.0 | 5.42 | 1.28 | 0.66 | 5.4 | 0.3 | 51.5 | <0.02 | 1.5 | 0.105 | 0.04 | 0.6 | 78 | 0.1 | 39.4 |
| 229 | 8R251866 | 0.9 | 1.10 | 53.6 | 39.5 | 6.38 | 4.38 | 0.15 | 17.5 | 109.5 | 226.90 | 7.15 | 5.5 | 5 | 0.06 | 16.5 | 1.09 | 437 | 25.79 | 0.055 | 56.2 | 1345.0 | 5.27 | 2.50 | 0.70 | 11.7 | 10.9 | 122.5 | 0.94 | 2.9 | 0.038 | 0.08 | 1.6 | 402 | 0.6 | 25.3 |
| 238 | 8R251875 | 0.1 | 1.15 | 11.3 | 51.5 | 0.10 | 3.74 | 0.22 | 4.7 | 60.5 | 6.21 | 2.97 | 5.6 | 5 | 0.13 | 26.0 | 0.45 | 773 | 12.75 | 0.053 | 1.8 | 869.0 | 9.76 | 0.58 | 0.48 | 4.2 | 1.9 | 72.5 | <0.02 | 6.0 | 0.003 | 0.08 | 2.2 | 20 | 0.1 | 64.7 |
| ***Resplit:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 8R250188 | 0.3 | 1.24 | 3.8 | 25.5 | 0.58 | 2.42 | 0.13 | 7.7 | 52.0 | 62.42 | 2.88 | 8.3 | <5 | 0.05 | 20.5 | 1.12 | 449 | 2.79 | 0.087 | 3.5 | 1132.0 | 7.30 | 0.16 | 0.38 | 8.8 | 0.4 | 94.5 | 0.08 | 7.0 | 0.074 | 0.02 | 1.6 | 90 | 0.8 | 38.0 |
| 36 | 8R251673 | 0.5 | 1.29 | 7.7 | 7.5 | 0.32 | 4.09 | 0.11 | 16.6 | 81.5 | 148.50 | 4.26 | 7.8 | 5 | 0.04 | 12.0 | 1.51 | 556 | 4.61 | 0.090 | 21.0 | 1450.0 | 4.39 | 0.98 | 0.60 | 9.3 | 0.6 | 87.0 | 0.10 | 1.0 | 0.103 | 0.04 | 0.9 | 118 | 0.5 | 29.6 |
| 71 | 8R251708 | 0.6 | 1.27 | 10.7 | 6.5 | 0.64 | 3.73 | 0.11 | 25.8 | 80.5 | 218.40 | 5.05 | 8.5 | <5 | 0.03 | 9.0 | 1.62 | 579 | 3.56 | 0.100 | 28.5 | 1524.0 | 6.77 | 1.62 | 0.62 | 12.7 | 1.2 | 104.5 | 0.18 | 1.3 | 0.111 | 0.04 | 1.3 | 120 | 0.5 | 33.8 |
| 106 | 8R251743 | 1.1 | 1.24 | 7.4 | 9.0 | 0.62 | 5.24 | 0.22 | 21.5 | 75.5 | 288.30 | 3.50 | 7.5 | <5 | 0.04 | 12.0 | 1.84 | 440 | 11.33 | 0.110 | 16.1 | 1655.0 | 2.76 | 1.50 | 0.72 | 11.4 | 1.4 | 90.5 | 0.12 | 1.3 | 0.132 | 0.02 | 1.0 | 110 | 0.6 | 22.3 |
| 141 | 8R251778 | 1.0 | 1.37 | 14.7 | 22.5 | 0.96 | 4.50 | 0.13 | 29.7 | 84.5 | 342.80 | 4.63 | 6.8 | <5 | 0.23 | 7.0 | 1.79 | 575 | 1.26 | 0.103 | 25.6 | 1610.0 | 3.22 | 1.94 | 0.80 | 12.0 | 1.2 | 75.0 | 0.12 | 1.0 | 0.159 | 0.20 | 0.6 | 130 | 0.6 | 30.0 |
| 176 | 8R251866 | 1.1 | 0.62 | 3.6 | 19.0 | 0.32 | 1.91 | 0.25 | 14.1 | 47.5 | 510.30 | 1.50 | 5.0 | 5 | 0.09 | 34.5 | 0.31 | 212 | 6.00 | 0.104 | 2.2 | 284.0 | 9.75 | 0.54 | 0.34 | 6.9 | 1.1 | 61.0 | 0.02 | 8.6 | 0.018 | 0.06 | 3.8 | 14 | 0.3 | 19.5 |
| 211 | 8R251848 | 1.9 | 2.26 | 84.3 | 44.0 | #### | 4.76 | 0.20 | 15.2 | 95.0 | 130.30 | 5.62 | 9.0 | 5 | 0.06 | 19.5 | 1.52 | 558 | 30.92 | 0.054 | 60.3 | 1326.0 | 7.33 | 0.60 | 0.90 | 11.1 | 10.4 | 158.5 | 61.02 | 4.6 | 0.008 | 0.06 | 1.9 | 314 | 0.1 | 36.6 |
| ***Standard:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pb129a | | 11.9 | 0.88 | 6.1 | 71.5 | 0.50 | 0.45 | 60.04 | 4.6 | 10.5 | 1409.00 | 1.54 | 2.4 | 80 | 0.07 | 4.5 | 0.63 | 360 | 1.95 | 0.056 | 5.0 | 434.0 | 6194.00 | 0.88 | 17.64 | 0.7 | 0.2 | 28.5 | 0.12 | 0.4 | 0.030 | 0.02 | <0.1 | 16 | 0.2 | 9999.0 |
| Pb129a | | 11.5 | 0.86 | 5.8 | 68.0 | 0.52 | 0.47 | 61.11 | 4.6 | 10.0 | 1391.00 | 1.52 | 2.3 | 85 | 0.07 | 4.0 | 0.62 | 353 | 1.91 | 0.050 | 4.9 | 443.0 | 6219.00 | 0.86 | 17.80 | 0.6 | 0.2 | 27.5 | 0.12 | 0.3 | 0.029 | 0.02 | <0.1 | 16 | 0.2 | >10000 |
| Pb129a | | 11.8 | 0.85 | 6.0 | 70.5 | 0.50 | 0.48 | 63.80 | 5.1 | 11.5 | 1409.00 | 1.58 | 2.4 | 85 | 0.08 | 4.5 | 0.69 | 374 | 2.00 | 0.057 | 5.2 | 435.0 | 6201.00 | 0.89 | 18.58 | 0.7 | 0.3 | 29.5 | 0.14 | 0.4 | 0.030 | 0.04 | 0.1 | 16 | 0.2 | >10000 |
| Pb129a | | 12.2 | 0.82 | 6.0 | 69.0 | 0.52 | 0.50 | 55.80 | 4.9 | 10.5 | 1416.00 | 1.53 | 2.3 | 80 | 0.07 | 4.0 | 0.65 | 373 | 2.01 | 0.051 | 5.0 | 441.0 | 6204.00 | 0.84 | 17.26 | 0.8 | 0.2 | 28.5 | 0.14 | 0.5 | 0.036 | 0.02 | 0.1 | 16 | 0.3 | 9903.0 |
| Pb129a | | 11.8 | 0.81 | 6.1 | 68.5 | 0.50 | 0.49 | 57.37 | 4.9 | 10.5 | 1431.00 | 1.54 | 2.4 | 80 | 0.07 | 4.0 | 0.65 | 372 | 2.06 | 0.056 | 5.2 | 472.0 | 6172.00 | 0.84 | 17.04 | 0.7 | 0.2 | 26.0 | 0.10 | 0.5 | 0.033 | 0.04 | 0.1 | 16 | 0.2 | >10000 |
| Pb129a | | 11.7 | 0.89 | 6.1 | 75.0 | 0.58 | 0.51 | 61.97 | 5.2 | 11.5 | 1413.00 | 1.61 | 2.5 | 80 | 0.08 | 4.5 | 0.69 | 377 | 2.08 | 0.052 | 5.1 | 446.0 | 6245.00 | 0.84 | 18.60 | 0.7 | 0.3 | 30.0 | 0.16 | 0.8 | 0.039 | 0.04 | 0.1 | 18 | 0.2 | >10000 |
| Pb129a | | 12.3 | 0.88 | 6.1 | 70.0 | 0.56 | 0.48 | 61.49 | 4.9 | 12.0 | 1393.00 | 1.58 | 2.3 | 80 | 0.08 | 4.5 | 0.68 | 371 | 2.05 | 0.053 | 5.0 | 455.0 | 6221.00 | 0.82 | 18.98 | 0.9 | 0.2 | 29.5 | 0.10 | 0.5 | 0.039 | 0.04 | 0.1 | 18 | 0.1 | >10000 |
| Pb129a | | 11.4 | 0.85 | 5.9 | 72.5 | 0.58 | 0.47 | 61.81 | 4.9 | 11.5 | 1406.00 | 1.56 | 2.2 | 85 | 0.08 | 4.5 | 0.69 | 369 | 1.89 | 0.056 | 5.1 | 457.0 | 6157.00 | 0.82 | 18.02 | 0.6 | 0.3 | 26.5 | 0.12 | 0.4 | 0.033 | 0.04 | 0.1 | 16 | 1.0 | >10000 |

**ECO TECH LABORATORY LTD.**
Jutta Jealouse
B.C. Certified Assayer

JJ/nw

# CERTIFICATE OF ASSAY AK 2008-1854

**Kingsman Resources** #####
3177 Westmount Pl
**West Vancouver, BC**
V7V 3G4

*No. of samples received: 187*
*Sample Type: Core*
***Project: Pathfinder***
*Submitted by: Bernie Augsten*

| ET #. | Tag # | Au (g/t) | Au (oz/t) |
|---|---|---|---|
| 1 | 8R250001 | 0.51 | 0.015 |
| 2 | 8R250002 | 0.44 | 0.013 |
| 3 | 8R250003 | 0.50 | 0.015 |
| 4 | 8R250004 | 0.53 | 0.015 |
| 5 | 8R250005 | 0.45 | 0.013 |
| 6 | 8R250006 | 0.47 | 0.014 |
| 7 | 8R250007 | 0.50 | 0.015 |
| 8 | 8R250008 | 0.30 | 0.009 |
| 9 | 8R250009 | 0.26 | 0.008 |
| 10 | 8R250010 | 0.17 | 0.005 |
| 11 | 8R250011 DUP | 0.18 | 0.005 |
| 12 | 8R250012 | 0.19 | 0.006 |
| 13 | 8R250013 | 0.29 | 0.008 |
| 14 | 8R250014 | 0.49 | 0.014 |
| 15 | 8R250015 | 0.29 | 0.008 |
| 16 | 8R250016 | 0.22 | 0.006 |
| 17 | 8R250017 | <0.03 | <0.001 |
| 18 | 8R250018 | 0.05 | 0.001 |
| 19 | 8R250019 | 0.03 | 0.001 |
| 20 | 8R250020 | <0.03 | <0.001 |
| 21 | 8R250021 | 0.04 | 0.001 |
| 22 | 8R250022 | <0.03 | <0.001 |
| 23 | 8R250023 | 0.08 | 0.002 |
| 24 | 8R250024 | <0.03 | <0.001 |
| 25 | 8R250025 | <0.03 | <0.001 |
| 26 | 8R250026 | <0.03 | <0.001 |
| 27 | 8R250027 | 3.56 | 0.104 |
| 28 | 8R250028 | <0.03 | <0.001 |
| 29 | 8R250029 | 0.10 | 0.003 |
| 30 | 8R250030 | 0.05 | 0.001 |
| 31 | 8R250031 | 0.03 | 0.001 |
| 32 | 8R250032 | 0.03 | 0.001 |

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**Kingsman Resources AK8-1854** #####

| ET #. | Tag # | Au (g/t) | Au (oz/t) |
|---|---|---|---|
| 33 | 8R250033 DUP | 0.05 | 0.001 |
| 34 | 8R250034 | 0.04 | 0.001 |
| 35 | 8R250035 | <0.03 | :0.001 |
| 36 | 8R250036 | 0.03 | 0.001 |
| 37 | 8R250037 | 0.03 | 0.001 |
| 38 | 8R250038 | 0.05 | 0.001 |
| 39 | 8R250039 | <0.03 | :0.001 |
| 40 | 8R250040 | 0.05 | 0.001 |
| 41 | 8R250041 | 0.11 | 0.003 |
| 42 | 8R250042 | 0.08 | 0.002 |
| 43 | 8R250043 | 0.04 | 0.001 |
| 44 | 8R250044 | 0.03 | 0.001 |
| 45 | 8R250045 | 7.46 | 0.218 |
| 46 | 8R250046 | <0.03 | :0.001 |
| 47 | 8R250047 | <0.03 | :0.001 |
| 48 | 8R250048 | <0.03 | :0.001 |
| 49 | 8R250049 | <0.03 | :0.001 |
| 50 | 8R250050 | <0.03 | :0.001 |
| 51 | 8R250051 DUP | <0.03 | :0.001 |
| 52 | 8R250052 | 0.20 | 0.006 |
| 53 | 8R250053 | <0.03 | :0.001 |
| 54 | 8R250054 | 0.09 | 0.003 |
| 55 | 8R250055 | 0.24 | 0.007 |
| 56 | 8R250056 | 0.10 | 0.003 |
| 57 | 8R250057 | <0.03 | :0.001 |
| 58 | 8R250058 | 0.08 | 0.002 |
| 59 | 8R250059 | 0.30 | 0.009 |
| 60 | 8R250060 | 0.15 | 0.004 |
| 61 | 8R250061 | 0.19 | 0.006 |
| 62 | 8R250062 | <0.03 | :0.001 |
| 63 | 8R250063 | 0.08 | 0.002 |
| 64 | 8R250064 | 0.06 | 0.002 |
| 65 | 8R250065 | 0.10 | 0.003 |
| 66 | 8R250066 | 0.22 | 0.006 |
| 67 | 8R250067 | 0.44 | 0.013 |
| 68 | 8R250068 | 0.07 | 0.002 |
| 69 | 8R250069 | 0.06 | 0.002 |
| 70 | 8R250070 | <0.03 | :0.001 |
| 71 | 8R250071 | <0.03 | :0.001 |
| 72 | 8R250072 | 0.03 | 0.001 |

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**Kingsman Resources AK8-1854** #####

| ET #. | Tag # | Au (g/t) | Au (oz/t) |
|---|---|---|---|
| 73 | 8R250073 DUP | 0.03 | 0.001 |
| 74 | 8R250074 | 0.04 | 0.001 |
| 75 | 8R250075 | 0.03 | 0.001 |
| 76 | 8R250076 | 0.03 | 0.001 |
| 77 | 8R250077 | 0.06 | 0.002 |
| 78 | 8R250078 | 0.03 | 0.001 |
| 79 | 8R250079 | <0.03 | :0.001 |
| 80 | 8R250080 | 0.04 | 0.001 |
| 81 | 8R250081 | 0.07 | 0.002 |
| 82 | 8R250082 | 0.08 | 0.002 |
| 83 | 8R250083 | 1.12 | 0.033 |
| 84 | 8R250084 | 1.28 | 0.037 |
| 85 | 8R250085 | 3.44 | 0.100 |
| 86 | 8R250086 | 0.66 | 0.019 |
| 87 | 8R250087 | 1.19 | 0.035 |
| 88 | 8R250088 | 0.70 | 0.020 |
| 89 | 8R250089 | 0.60 | 0.017 |
| 90 | 8R250090 | 0.13 | 0.004 |
| 91 | 8R250091 DUP | 0.16 | 0.005 |
| 92 | 8R250092 | 0.06 | 0.002 |
| 93 | 8R250093 | 0.03 | 0.001 |
| 94 | 8R250094 | 0.07 | 0.002 |
| 95 | 8R250095 | 0.32 | 0.009 |
| 96 | 8R250096 | 0.22 | 0.006 |
| 97 | 8R250097 | <0.03 | :0.001 |
| 98 | 8R250098 | 0.32 | 0.009 |
| 99 | 8R250099 | 0.31 | 0.009 |
| 100 | 8R250100 | 0.21 | 0.006 |
| 101 | 8R250101 | <0.03 | :0.001 |
| 102 | 8R250102 | <0.03 | :0.001 |
| 103 | 8R250103 | <0.03 | :0.001 |
| 104 | 8R250104 | 0.04 | 0.001 |
| 105 | 8R250105 | <0.03 | :0.001 |
| 106 | 8R250106 | 0.08 | 0.002 |
| 107 | 8R250107 | 7.54 | 0.220 |
| 108 | 8R250108 | 0.18 | 0.005 |
| 109 | 8R250109 | 0.25 | 0.007 |
| 110 | 8R250110 | 0.14 | 0.004 |
| 111 | 8R250111 | 0.03 | 0.001 |
| 112 | 8R250112 | 0.14 | 0.004 |

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**Kingsman Resources AK8-1854** #####

| ET #. | Tag # | Au (g/t) | Au (oz/t) |
|---|---|---|---|
| 113 | 8R250113 DUP | 0.12 | 0.003 |
| 114 | 8R250114 | 0.04 | 0.001 |
| 115 | 8R250115 | 0.05 | 0.001 |
| 116 | 8R250116 | 0.03 | 0.001 |
| 117 | 8R250117 | 0.07 | 0.002 |
| 118 | 8R250118 | 0.13 | 0.004 |
| 119 | 8R250119 | <0.03 | <0.001 |
| 120 | 8R250120 | 0.09 | 0.003 |
| 121 | 8R250121 | 0.04 | 0.001 |
| 122 | 8R250122 | 0.05 | 0.001 |
| 123 | 8R250123 | 0.04 | 0.001 |
| 124 | 8R250124 | 0.03 | 0.001 |
| 125 | 8R250125 | 0.44 | 0.013 |
| 126 | 8R250126 | <0.03 | <0.001 |
| 127 | 8R250127 | <0.03 | <0.001 |
| 128 | 8R250128 | <0.03 | <0.001 |
| 129 | 8R250129 | <0.03 | <0.001 |
| 130 | 8R250130 | 0.40 | 0.012 |
| 131 | 8R250131 DUP | 0.39 | 0.011 |
| 132 | 8R250132 | 0.15 | 0.004 |
| 133 | 8R250133 | 0.07 | 0.002 |
| 134 | 8R250134 | <0.03 | <0.001 |
| 135 | 8R250135 | 0.06 | 0.002 |
| 136 | 8R250136 | 0.09 | 0.003 |
| 137 | 8R250137 | <0.03 | <0.001 |
| 138 | 8R250138 | 0.09 | 0.003 |
| 139 | 8R250139 | 0.09 | 0.003 |
| 140 | 8R250140 | 0.06 | 0.002 |
| 141 | 8R250141 | 0.09 | 0.003 |
| 142 | 8R250142 | 0.42 | 0.012 |
| 143 | 8R250143 | 0.26 | 0.008 |
| 144 | 8R250144 | 0.14 | 0.004 |
| 145 | 8R250145 | <0.03 | <0.001 |
| 146 | 8R250146 | 0.57 | 0.017 |
| 147 | 8R250147 | 3.44 | 0.100 |
| 148 | 8R250148 | <0.03 | <0.001 |
| 149 | 8R250149 | 0.16 | 0.005 |
| 150 | 8R250150 | 0.06 | 0.002 |
| 151 | 8R250151 | 0.79 | 0.023 |
| 152 | 8R250152 | 0.13 | 0.004 |

**ECO TECH LABORATORY LTD.**
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**Kingsman Resources AK8-1854** #####

| ET #. | Tag # | Au (g/t) | Au (oz/t) |
|---|---|---|---|
| 153 | 8R250153 DUP | 0.12 | 0.003 |
| 154 | 8R250154 | 0.34 | 0.010 |
| 155 | 8R250155 | 0.08 | 0.002 |
| 156 | 8R250156 | 0.72 | 0.021 |
| 157 | 8R250157 | 0.05 | 0.001 |
| 158 | 8R250158 | 0.29 | 0.008 |
| 159 | 8R250159 | <0.03 | <0.001 |
| 160 | 8R250160 | 0.36 | 0.010 |
| 161 | 8R250161 | 0.89 | 0.026 |
| 162 | 8R250162 | <0.03 | <0.001 |
| 163 | 8R250163 | 0.12 | 0.003 |
| 164 | 8R250164 | 0.46 | 0.013 |
| 165 | 8R250165 | <0.03 | <0.001 |
| 166 | 8R250166 | 0.08 | 0.002 |
| 167 | 8R250167 | 0.03 | 0.001 |
| 168 | 8R250168 | <0.03 | <0.001 |
| 169 | 8R250169 | 0.04 | 0.001 |
| 170 | 8R250170 | 0.13 | 0.004 |
| 171 | 8R250171 DUP | 0.13 | 0.004 |
| 172 | 8R250172 | 0.20 | 0.006 |
| 173 | 8R250173 | 0.23 | 0.007 |
| 174 | 8R250174 | 0.25 | 0.007 |
| 175 | 8R250175 | 0.25 | 0.007 |
| 176 | 8R250176 | 0.23 | 0.007 |
| 177 | 8R250177 | <0.03 | <0.001 |
| 178 | 8R250178 | 0.17 | 0.005 |
| 179 | 8R250179 | 0.20 | 0.006 |
| 180 | 8R250180 | 0.11 | 0.003 |
| 181 | 8R250181 | 0.08 | 0.002 |
| 182 | 8R250182 | 0.05 | 0.001 |
| 183 | 8R250183 | 0.03 | 0.001 |
| 184 | 8R250184 | 0.04 | 0.001 |
| 185 | 8R250185 | 0.03 | 0.001 |
| 186 | 8R250186 | 0.05 | 0.001 |
| 187 | 8R250187 | 7.50 | 0.219 |

**ECO TECH LABORATORY LTD.**
Jutta Jealouse
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**Kingsman Resources AK8-1854** #####

| ET #. | Tag # | Au (g/t) | Au (oz/t) |
|---|---|---|---|
| **QC DATA:** | | | |
| ***Repeat:*** | | | |
| 1 | 8R250001 | 0.53 | 0.015 |
| 10 | 8R250010 | 0.19 | 0.006 |
| 14 | 8R250014 | 0.54 | 0.016 |
| 19 | 8R250019 | 0.03 | 0.001 |
| 36 | 8R250036 | 0.03 | 0.001 |
| 46 | 8R250046 | <0.03 | <0.001 |
| 54 | 8R250054 | 0.09 | 0.003 |
| 55 | 8R250055 | 0.24 | 0.007 |
| 59 | 8R250059 | 0.32 | 0.009 |
| 71 | 8R250071 | <0.03 | <0.001 |
| 80 | 8R250080 | 0.05 | 0.001 |
| 83 | 8R250083 | 1.20 | 0.035 |
| 87 | 8R250087 | 1.19 | 0.035 |
| 88 | 8R250088 | 0.69 | 0.020 |
| 89 | 8R250089 | 0.63 | 0.018 |
| 98 | 8R250098 | 0.34 | 0.010 |
| 106 | 8R250106 | 0.08 | 0.002 |
| 115 | 8R250115 | 0.04 | 0.001 |
| 124 | 8R250124 | 0.03 | 0.001 |
| 130 | 8R250130 | 0.42 | 0.012 |
| 141 | 8R250141 | 0.09 | 0.003 |
| 146 | 8R250146 | 0.62 | 0.018 |
| 150 | 8R250150 | 0.06 | 0.002 |
| 151 | 8R250151 | 0.85 | 0.025 |
| 161 | 8R250161 | 0.96 | 0.028 |
| 176 | 8R250176 | 0.23 | 0.007 |
| ***Resplit:*** | | | |
| 1 | 8R250001 | 0.48 | 0.014 |
| 36 | 8R250036 | 0.03 | 0.001 |
| 71 | 8R250071 | <0.03 | <0.001 |
| 106 | 8R250106 | 0.11 | 0.003 |
| 141 | 8R250141 | 0.09 | 0.003 |
| 176 | 8R250176 | 0.21 | 0.006 |
| ***Standard:*** | | | |
| Oxi67 | | 1.80 | 0.052 |
| Oxi67 | | 1.82 | 0.053 |
| Oxi67 | | 1.82 | 0.053 |
| HiSilk2 | | 3.40 | 0.099 |
| HiSilk2 | | 3.44 | 0.100 |
| HiSilk2 | | 3.45 | 0.101 |

**ECO TECH LABORATORY LTD.**
JJ/ndw Jutta Jealouse
XLS/08 B.C. Certified Assayer

# CERTIFICATE OF ASSAY AK 2008-1888

**Kingsman Resources** #####
3177 Westmount Pl
**West Vancouver, BC**
V7V 3G4

*No. of samples received: 242*
*Sample Type: Core*
***Project: Pathfinder***
*Submitted by: Bernie Augsten*

| ET #. | Tag # | Au (g/t) | Au (oz/t) |
|---|---|---|---|
| 1 | 8R250188 | <0.03 | <0.001 |
| 2 | 8R250189 | 0.34 | 0.010 |
| 3 | 8R250190 | 0.07 | 0.002 |
| 4 | 8R250191 | 0.26 | 0.008 |
| 5 | 8R250192 | 0.18 | 0.005 |
| 6 | 8R250193 | 0.15 | 0.004 |
| 7 | 8R250194 | 0.47 | 0.014 |
| 8 | 8R250195 | 0.41 | 0.012 |
| 9 | 8R250196 | 0.56 | 0.016 |
| 10 | 8R250197 | 1.68 | 0.049 |
| 11 | 8R250198 | 0.08 | 0.002 |
| 12 | 8R250199 | <0.03 | <0.001 |
| 13 | 8R250200 | 0.09 | 0.003 |
| 14 | 8R251651 | 0.03 | 0.001 |
| 15 | 8R251652 | <0.03 | <0.001 |
| 16 | 8R251653 | 0.05 | 0.001 |
| 17 | 8R251654 | 0.11 | 0.003 |
| 18 | 8R251655 | 0.07 | 0.002 |
| 19 | 8R251656 | 0.06 | 0.002 |
| 20 | 8R251657 | 0.08 | 0.002 |
| 21 | 8R251658 | 0.05 | 0.001 |
| 22 | 8R251659 | 0.04 | 0.001 |
| 23 | 8R251660 | <0.03 | <0.001 |
| 24 | 8R251661 | <0.03 | <0.001 |
| 25 | 8R251662 | <0.03 | <0.001 |
| 26 | 8R251663 | <0.03 | <0.001 |
| 27 | 8R251664 | <0.03 | <0.001 |
| 28 | 8R251665 | <0.03 | <0.001 |
| 29 | 8R251666 | <0.03 | <0.001 |
| 30 | 8R251667 | <0.03 | <0.001 |
| 31 | 8R251668 | 1.14 | 0.033 |
| 32 | 8R251669 | 1.25 | 0.036 |

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**Kingsman Resources AK8-1888** #####

| ET #. | Tag # | Au (g/t) | Au (oz/t) |
|---|---|---|---|
| 33 | 8R251670 | 0.65 | 0.019 |
| 34 | 8R251671 | 0.53 | 0.015 |
| 35 | 8R251672 | 0.28 | 0.008 |
| 36 | 8R251673 | 0.07 | 0.002 |
| 37 | 8R251674 | 0.06 | 0.002 |
| 38 | 8R251675 | 0.13 | 0.004 |
| 39 | 8R251676 | <0.03 | <0.001 |
| 40 | 8R251677 | 3.54 | 0.103 |
| 41 | 8R251678 | <0.03 | <0.001 |
| 42 | 8R251679 | <0.03 | <0.001 |
| 43 | 8R251680 | <0.03 | <0.001 |
| 44 | 8R251681 | <0.03 | <0.001 |
| 45 | 8R251682 | <0.03 | <0.001 |
| 46 | 8R251683 | <0.03 | <0.001 |
| 47 | 8R251684 | <0.03 | <0.001 |
| 48 | 8R251685 | <0.03 | <0.001 |
| 49 | 8R251686 | 0.03 | 0.001 |
| 50 | 8R251687 | 0.11 | 0.003 |
| 51 | 8R251688 | 0.08 | 0.002 |
| 52 | 8R251689 | <0.03 | <0.001 |
| 53 | 8R251690 | 0.20 | 0.006 |
| 54 | 8R251691 | 0.16 | 0.005 |
| 55 | 8R251692 | 0.08 | 0.002 |
| 56 | 8R251693 | 0.06 | 0.002 |
| 57 | 8R251694 | 0.06 | 0.002 |
| 58 | 8R251695 | 0.46 | 0.013 |
| 59 | 8R251696 | 0.13 | 0.004 |
| 60 | 8R251697 | 0.03 | 0.001 |
| 61 | 8R251698 | <0.03 | <0.001 |
| 62 | 8R251699 | 0.03 | 0.001 |
| 63 | 8R251700 | 0.03 | 0.001 |
| 64 | 8R251701 | <0.03 | <0.001 |
| 65 | 8R251702 | 0.04 | 0.001 |
| 66 | 8R251703 | 0.12 | 0.003 |
| 67 | 8R251704 | 0.29 | 0.008 |
| 68 | 8R251705 | 0.21 | 0.006 |
| 69 | 8R251706 | 0.35 | 0.010 |
| 70 | 8R251707 | <0.03 | <0.001 |
| 71 | 8R251708 | 0.09 | 0.003 |
| 72 | 8R251709 | 0.06 | 0.002 |

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**Kingsman Resources AK8-1888** #####

| ET #. | Tag # | Au (g/t) | Au (oz/t) |
|---|---|---|---|
| 73 | 8R251710 | <0.03 | 0.001 |
| 74 | 8R251711 | 0.15 | 0.004 |
| 75 | 8R251712 | 0.12 | 0.003 |
| 76 | 8R251713 | 0.19 | 0.006 |
| 77 | 8R251714 | 0.05 | 0.001 |
| 78 | 8R251715 | <0.03 | 0.001 |
| 79 | 8R251716 | <0.03 | 0.001 |
| 80 | 8R251717 | 7.40 | 0.216 |
| 81 | 8R251718 | 0.03 | 0.001 |
| 82 | 8R251719 | <0.03 | 0.001 |
| 83 | 8R251720 | 0.04 | 0.001 |
| 84 | 8R251721 | <0.03 | 0.001 |
| 85 | 8R251722 | 0.08 | 0.002 |
| 86 | 8R251723 | 0.09 | 0.003 |
| 87 | 8R251724 | 0.24 | 0.007 |
| 88 | 8R251725 | 0.10 | 0.003 |
| 89 | 8R251726 | 0.07 | 0.002 |
| 90 | 8R251727 | 0.05 | 0.001 |
| 91 | 8R251728 | 0.05 | 0.001 |
| 92 | 8R251729 | <0.03 | 0.001 |
| 93 | 8R251730 | 0.13 | 0.004 |
| 94 | 8R251731 | <0.03 | 0.001 |
| 95 | 8R251732 | <0.03 | 0.001 |
| 96 | 8R251733 | <0.03 | 0.001 |
| 97 | 8R251734 | <0.03 | 0.001 |
| 98 | 8R251735 | 0.03 | 0.001 |
| 99 | 8R251736 | <0.03 | 0.001 |
| 100 | 8R251737 | 0.03 | 0.001 |
| 101 | 8R251738 | 0.03 | 0.001 |
| 102 | 8R251739 | 0.03 | 0.001 |
| 103 | 8R251740 | 0.26 | 0.008 |
| 104 | 8R251741 | 0.29 | 0.008 |
| 105 | 8R251742 | 0.33 | 0.010 |
| 106 | 8R251743 | 0.22 | 0.006 |
| 107 | 8R251744 | 0.54 | 0.016 |
| 108 | 8R251745 | 0.71 | 0.021 |
| 109 | 8R251746 | 0.73 | 0.021 |
| 110 | 8R251747 | <0.03 | 0.001 |
| 111 | 8R251748 | 0.37 | 0.011 |
| 112 | 8R251749 | 0.52 | 0.015 |

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**Kingsman Resources AK8-1888** #####

| ET #. | Tag # | | Au (g/t) | Au (oz/t) |
|---|---|---|---|---|
| 113 | 8R251750 | | 0.13 | 0.004 |
| 114 | 8R251751 | | 0.45 | 0.013 |
| 115 | 8R251752 | | 0.19 | 0.006 |
| 116 | 8R251753 | | <0.03 | :0.001 |
| 117 | 8R251754 | | 0.34 | 0.010 |
| 118 | 8R251755 | | 0.31 | 0.009 |
| 119 | 8R251756 | | 0.53 | 0.015 |
| 120 | 8R251757 | | 3.56 | 0.104 |
| 121 | 8R251758 | | 0.21 | 0.006 |
| 122 | 8R251759 | | 0.26 | 0.008 |
| 123 | 8R251760 | | 0.39 | 0.011 |
| 124 | 8R251761 | | 0.69 | 0.020 |
| 125 | 8R251762 | | 2.90 | 0.085 |
| 126 | 8R251763 | ** | | |
| 127 | 8R251764 | | 3.75 | 0.109 |
| 128 | 8R251765 | * | 4.75 | 0.139 |
| 129 | 8R251766 | | 0.95 | 0.028 |
| 130 | 8R251767 | | 0.67 | 0.020 |
| 131 | 8R251768 | | 0.06 | 0.002 |
| 132 | 8R251769 | | <0.03 | :0.001 |
| 133 | 8R251770 | | 0.05 | 0.001 |
| 134 | 8R251771 | | 2.06 | 0.060 |
| 135 | 8R251772 | | 1.39 | 0.041 |
| 136 | 8R251773 | | 0.44 | 0.013 |
| 137 | 8R251774 | | 0.07 | 0.002 |
| 138 | 8R251775 | | 0.57 | 0.017 |
| 139 | 8R251776 | | 0.43 | 0.013 |
| 140 | 8R251777 | | <0.03 | :0.001 |
| 141 | 8R251778 | | 0.31 | 0.009 |
| 142 | 8R251779 | | 0.14 | 0.004 |
| 143 | 8R251780 | | 0.15 | 0.004 |
| 144 | 8R251781 | | 0.14 | 0.004 |
| 145 | 8R251782 | | 0.10 | 0.003 |
| 146 | 8R251783 | | 0.28 | 0.008 |
| 147 | 8R251784 | | 0.04 | 0.001 |
| 148 | 8R251785 | | 0.09 | 0.003 |
| 149 | 8R251786 | | 0.17 | 0.005 |
| 150 | 8R251787 | | <0.03 | :0.001 |
| 151 | 8R251788 | | 0.26 | 0.008 |
| 152 | 8R251789 | | 0.59 | 0.017 |

** Result to follow

* Based on 90g

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**Kingsman Resources AK8-1888** #####

| ET #. | Tag # | Au (g/t) | Au (oz/t) |
|---|---|---|---|
| 153 | 8R251790 | 2.71 | 0.079 |
| 154 | 8R251791 | 0.13 | 0.004 |
| 155 | 8R251792 | <0.03 | :0.001 |
| 156 | 8R251793 | <0.03 | :0.001 |
| 157 | 8R251794 | <0.03 | :0.001 |
| 158 | 8R251795 | <0.03 | :0.001 |
| 159 | 8R251796 | <0.03 | :0.001 |
| 160 | 8R251797 | 0.44 | 0.013 |
| 161 | 8R251798 | 0.12 | 0.003 |
| 162 | 8R251799 | 0.43 | 0.013 |
| 163 | 8R251800 | <0.03 | :0.001 |
| 164 | 8R251801 | 0.05 | 0.001 |
| 165 | 8R251802 | 0.25 | 0.007 |
| 166 | 8R251803 | 0.22 | 0.006 |
| 167 | 8R251804 | <0.03 | :0.001 |
| 168 | 8R251805 | <0.03 | :0.001 |
| 169 | 8R251806 | <0.03 | :0.001 |
| 170 | 8R251807 | <0.03 | :0.001 |
| 171 | 8R251808 | 0.24 | 0.007 |
| 172 | 8R251809 | <0.03 | :0.001 |
| 173 | 8R251810 | 0.13 | 0.004 |
| 174 | 8R251811 | 0.14 | 0.004 |
| 175 | 8R251812 | 0.06 | 0.002 |
| 176 | 8R251813 | 0.12 | 0.003 |
| 177 | 8R251814 | 0.46 | 0.013 |
| 178 | 8R251815 | 7.49 | 0.218 |
| 179 | 8R251816 | 0.47 | 0.014 |
| 180 | 8R251817 | 0.58 | 0.017 |
| 181 | 8R251818 | 0.09 | 0.003 |
| 182 | 8R251819 | 0.07 | 0.002 |
| 183 | 8R251820 | <0.03 | :0.001 |
| 184 | 8R251821 | <0.03 | :0.001 |
| 185 | 8R251822 | 0.04 | 0.001 |
| 186 | 8R251823 | <0.03 | :0.001 |
| 187 | 8R251824 | <0.03 | :0.001 |
| 188 | 8R251825 | 0.19 | 0.006 |
| 189 | 8R251826 | 0.45 | 0.013 |
| 190 | 8R251827 | <0.03 | :0.001 |
| 191 | 8R251828 | 0.38 | 0.011 |
| 192 | 8R251829 | 0.29 | 0.008 |
| 193 | 8R251830 | 0.11 | 0.003 |

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**Kingsman Resources AK8-1888** #####

| ET #. | Tag # | | Au (g/t) | Au (oz/t) |
|---|---|---|---|---|
| 194 | 8R251831 | | 0.06 | 0.002 |
| 195 | 8R251832 | | 0.08 | 0.002 |
| 196 | 8R251833 | | 0.04 | 0.001 |
| 197 | 8R251834 | | 1.78 | 0.052 |
| 198 | 8R251835 | | 0.45 | 0.013 |
| 199 | 8R251836 | | 0.58 | 0.017 |
| 200 | 8R251837 | | 3.46 | 0.101 |
| 201 | 8R251838 | | 0.27 | 0.008 |
| 202 | 8R251839 | | 0.05 | 0.001 |
| 203 | 8R251840 | | 0.15 | 0.004 |
| 204 | 8R251841 | | 0.03 | 0.001 |
| 205 | 8R251842 | | 0.04 | 0.001 |
| 206 | 8R251843 | | 0.05 | 0.001 |
| 207 | 8R251844 | | <0.03 | <0.001 |
| 208 | 8R251845 | | 0.05 | 0.001 |
| 209 | 8R251846 | | 0.03 | 0.001 |
| 210 | 8R251847 | | 0.05 | 0.001 |
| 211 | 8R251848 | | 1.12 | 0.033 |
| 212 | 8R251849 | | <0.03 | <0.001 |
| 213 | 8R251850 | | 1.07 | 0.031 |
| 214 | 8R251851 | | 0.07 | 0.002 |
| 215 | 8R251852 | | 0.06 | 0.002 |
| 216 | 8R251853 | | <0.03 | <0.001 |
| 217 | 8R251854 | | <0.03 | <0.001 |
| 218 | 8R251855 | | <0.03 | <0.001 |
| 219 | 8R251856 | | <0.03 | <0.001 |
| 220 | 8R251857 | | <0.03 | <0.001 |
| 221 | 8R251858 | | 0.19 | 0.006 |
| 222 | 8R251859 | | 0.03 | 0.001 |
| 223 | 8R251860 | | 0.76 | 0.022 |
| 224 | 8R251861 | ** | | |
| 225 | 8R251862 | | 0.18 | 0.005 |
| 226 | 8R251863 | | 0.04 | 0.001 |
| 227 | 8R251864 | | 0.15 | 0.004 |
| 228 | 8R251865 | | 0.17 | 0.005 |
| 229 | 8R251866 | | 2.22 | 0.065 |
| 230 | 8R251867 | | <0.03 | <0.001 |
| 231 | 8R251868 | | 0.13 | 0.004 |
| 232 | 8R251869 | | 0.37 | 0.011 |
| 233 | 8R251870 | | 0.18 | 0.005 |

** Results to follow

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**Kingsman Resources AK8-1888** #####

| ET #. | Tag # | Au (g/t) | Au (oz/t) |
|---|---|---|---|
| 234 | 8R251871 | 0.13 | 0.004 |
| 235 | 8R251872 | 1.96 | 0.057 |
| 236 | 8R251873 | 0.03 | 0.001 |
| 237 | 8R251874 | <0.03 | :0.001 |
| 238 | 8R251875 | <0.03 | :0.001 |
| 239 | 8R251876 | <0.03 | :0.001 |
| 240 | 8R251877 | 7.39 | 0.216 |
| 241 | 8R251878 | <0.03 | :0.001 |
| 242 | 8R251879 | 0.12 | 0.003 |

**QC DATA:**

***Repeat:***

| | | | |
|---|---|---|---|
| 1 | 8R250188 | <0.03 | :0.001 |
| 10 | 8R250197 | 1.62 | 0.047 |
| 19 | 8R251656 | 0.05 | 0.001 |
| 31 | 8R251668 | 1.13 | 0.033 |
| 36 | 8R251673 | 0.07 | 0.002 |
| 45 | 8R251682 | <0.03 | :0.001 |
| 54 | 8R251691 | 0.16 | 0.005 |
| 69 | 8R251706 | 0.36 | 0.010 |
| 71 | 8R251708 | 0.09 | 0.003 |
| 80 | 8R251717 | 7.00 | 0.204 |
| 87 | 8R251724 | 0.25 | 0.007 |
| 89 | 8R251726 | 0.06 | 0.002 |
| 106 | 8R251743 | 0.21 | 0.006 |
| 115 | 8R251752 | 0.22 | 0.006 |
| 124 | 8R251761 | 1.17 | 0.034 |
| 125 | 8R251762 | 3.15 | 0.092 |
| 127 | 8R251764 | 3.90 | 0.114 |
| 134 | 8R251771 | 2.16 | 0.063 |
| 141 | 8R251778 | 0.30 | 0.009 |
| 150 | 8R251787 | <0.03 | :0.001 |
| 153 | 8R251790 | 2.44 | 0.071 |
| 159 | 8R251796 | <0.03 | :0.001 |
| 176 | 8R251813 | 0.08 | 0.002 |
| 185 | 8R251822 | 0.05 | 0.001 |
| 194 | 8R251831 | 0.06 | 0.002 |
| 197 | 8R251834 | 1.84 | 0.054 |
| 211 | 8R251848 | 1.06 | 0.031 |

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**Kingsman Resources AK8-1888** #####

| ET #. | Tag # | Au (g/t) | Au (oz/t) |
|---|---|---|---|
| 213 | 8R251850 | 1.01 | 0.029 |
| 220 | 8R251857 | <0.03 | 0.001 |
| 229 | 8R251866 | 2.24 | 0.065 |
| 235 | 8R251872 | 2.16 | 0.063 |

***Resplit:***

| | | | |
|---|---|---|---|
| 1 | 8R250188 | <0.03 | 0.001 |
| 36 | 8R251673 | 0.07 | 0.002 |
| 71 | 8R251708 | 0.09 | 0.003 |
| 106 | 8R251743 | 0.22 | 0.006 |
| 141 | 8R251778 | 0.34 | 0.010 |
| 176 | 8R251813 | 0.17 | 0.005 |
| 211 | 8R251848 | 1.12 | 0.033 |

**Standard:**

| | | |
|---|---|---|
| HiSilk2 | 3.38 | 0.099 |
| HiSilk2 | 3.40 | 0.099 |
| HiSilk2 | 3.44 | 0.100 |
| HiSilk2 | 3.46 | 0.101 |
| HiSilk2 | 3.40 | 0.099 |
| OXI67 | 1.82 | 0.053 |
| OXI67 | 1.82 | 0.053 |

JJ/ap/ndw
XLS/08

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