GEOCHEMICAL ASSESSMENT REPORT

ON THE

FRASERGOLD PROPERTY

MINFILE #'S

093A–120 (FRASERGOLD), 098A-061 (KUSK)

BCGS 093A – 028, 037, 038

Lat. 52^{O} 18' 20" N, Long. 120^{O} 24' 38" W

UTM Zone 10 5797570 N, 665183 E – NAD 27

Cariboo Mining Division

Mackay River Area

For

EUREKA RESOURCES LTD.

By

Joseph E.L. Lindinger, P.Geo.

May 10, 2004

November 14, 2003

FRASERGOLD PROPERTY

The following technical work was completed during the period of May 5 to October 15, 2003, and encompassed the following claims:

Kay 9, 10,11,10,11

We list below expenses incurred:

Boronowski Report	**$ 4,724.12**

(which report led to the acquisition of new claims Kay 10, and Kay 11, which then led to the soil sampling project.)

SabreX Contracting	**$12,621.25**
Arduini Helicopters	**$ 8,978.68**
(helicopters required to access the site for soil sediment and rock sampling project.)	
Acme Analytical Laboratories	**$ 3,927.24**
(to analyze samples from above project and produce report)	
for a total of	**$30,251.29**

J. J. O'Neill
President

EUREKA RESOURCES INC., #1000 - 355 Burrard Street, Vancouver, BC V6C 2G8 Tel: 604.608.6154 Fax: 604.602.1989

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Summary

During September and October 2003, a soil, silt and rock geochemical sampling program was completed by SabreX Contracting Ltd on and around the Frasergold Property owned by Eureka Resources Inc.

The Frasergold Property is situated in the Horsefly District, Cariboo Mining Division, British Columbia. The claim area is near the headwaters of the MacKay River, along the western boundary of Wells Gray Provincial Park. The Property protects the Frasergold (Minfile No. 093A-120, and KUSK (Minfile No. 093A - 61) gold occurrences The center of the property is situated about 100 kms east of Williams Lake at geographic co-ordinates 52° 15' North Latitude and 120° 30' West Longitude. Road access to the property is from the north via logging roads up the Mackay River. The remainder of the property is inaccessible by road and helicopters must be used. An old drill access road from Crooked Lake to the KUSK showing has been reclaimed.

The property are situated along a northwest trending series of ridges and peaks and steep valley walls which extend between and parallel to the MacKay River and McKusky Creek/Crooked Lake Valleys. Eureka Peak, the highest point near the claims is 2,428 meters. The elevation of the claim area ranges from about 1200 meters in the Mackay River Valley to 2100 meters. Below 1,800 meters thick stands of mature balsam, spruce, fir and cedar with heavy underbrush predominate. Above 1,800 meters forest cover is lighter and above 1,900 meters to 1,950 meters alpine-type vegetation prevails.

The Frasergold discovery was made in 1982 by following up gold enriched soils on claims staked by Mr. C. Gunn in 1979. Exploration efforts to date resulted in outlining a gold enriched horizon about 13 km long from which an 800 meters long zone is reported to contain 3.2 millions tonnes at 1.7 g/t gold. The zone remains open to the south and at depth.

Rocks underlying the Frasergold property belong to of three distinct geologic terranes. They are the allocthonous mid Paleozoic Quesnel, and Mississippian aged Slide Mountain which are accreted from the west onto and structurally overly the Proterozoic to mid-Paleozoic Kaza Group of the Barkerville terrane.

The gold on the Frasergold property occurs within structurally controlled quartz veins and carbonate and sericitic altered zones with a distinct carbonaceous "knotted" Phyllite with Quesnel terrane rocks.

The 2003 exploration program concentrated on exploring for strike extensions of the horizon southeast of the known mineralization towards the nose of the "Crooked Lake Syncline". Results basically confirmed earlier results, but showed that gold is associated with many elements including, arsenic, molybdenum, cadmium, nickel, cobalt, zinc, lead, silver, and mercury. Elements less strongly associated with gold include copper, uranium, antimony, bismuth, strontium, tungsten, calcium, chromium and sodium. Potassium and sodium appear to be depleted in surrounding rocks near gold anomalies but potassium may be weakly anomalous directly with gold.

A $322,000.00 exploration program comprising airborne radiometrics, magnetics and electro-magnetics, geological and structural mapping, road building, trenching, geochemical sampling and diamond drilling is recommended.

Introduction

This report, at the request of Mr. John J. O'Neill, President of Eureka Resources Inc. documents the results of a geochemical sampling program, and provides recommended exploration directions on and around Eureka's Frasergold Property in the Mackay River area of the Cariboo Mining Division, British Columbia. The sampling program was designed by Mr. O'Neill, and completed by SabreX Contracting Ltd. of Quesnel.

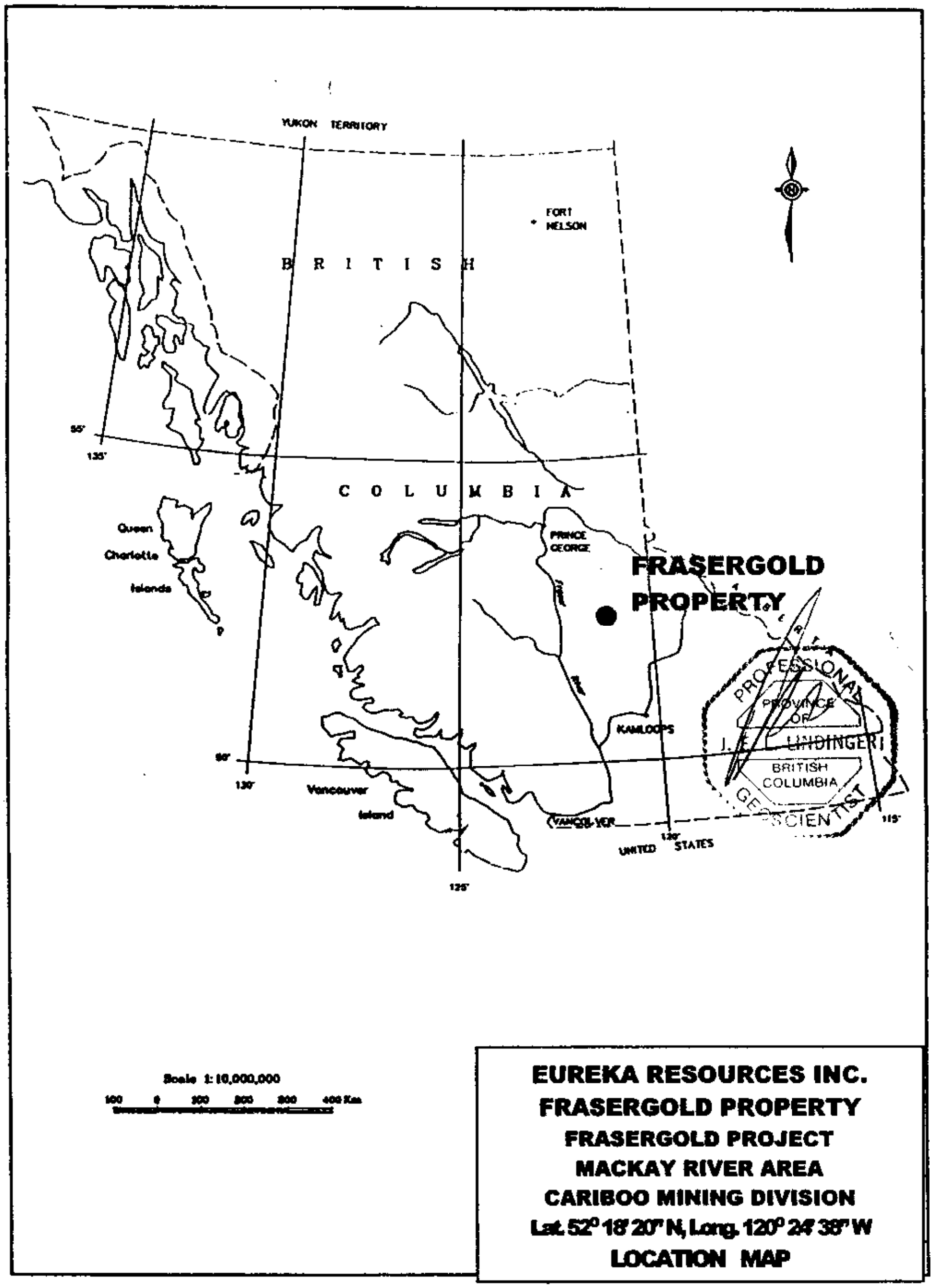
Location And Access

The claims protecting the Frasergold property are; as Belik, 1985, p5 reports;

> "....is situated in the Horsefly District, Cariboo Mining Division, British Columbia. The claim area extends southeast from the headwaters of the MacKay River, along the western boundary of Wells Gray Provincial Park. The center of the property is situated about 100 kms east of Williams Lake at geographic co-ordinates 52° 15' North Latitude and 120° 30' West Longitude.
>
> Prior to the 1985 program the most practical means of access to the property was by helicopter. During the 1985 program a rough tote road was completed which provided temporary four-wheel-drive access to the Kusk 5 claim area from Crooked Lake...."

Road access from the North to the Frasergold Occurrence is via logging roads up the Mackay River. Access to the KUSK area about 5 km southeast of the Frasergold area and southeast is via helicopter only. There is also road access to Crooked Lake about 7 km west of the claims. The drill access road from Crooked Lake to the KUSK showing has been reclaimed.

Figure 1 - Location Map



Physiography And Vegetation

Belik 1985 Page 6 reports;

> "....The Kusk (area of 2003 work) claims are situated along a northwest trending series of ridges and peaks with rounded tops and steep valley walls which extend between and parallel to the MacKay River and McKusky Creek/Crooked Lake Valleys. Eureka Peak. the highest point in the vicinity of the claim~, attains an elevation of 2,428 meters.
> Elevation of the claim area ranges from about 2,100 meters a.s.l.
>
> Below 1,800 meters a.s.l. thick stands of mature balsam, spruce, fir and cedar with heavy underbrush predominate. Above 1,800 meters a.s.l. forest cover is lighter and above 1,900 meters to 1,950 meters a.s.l. alpine-type vegetation prevails...."

Mineral Tenure

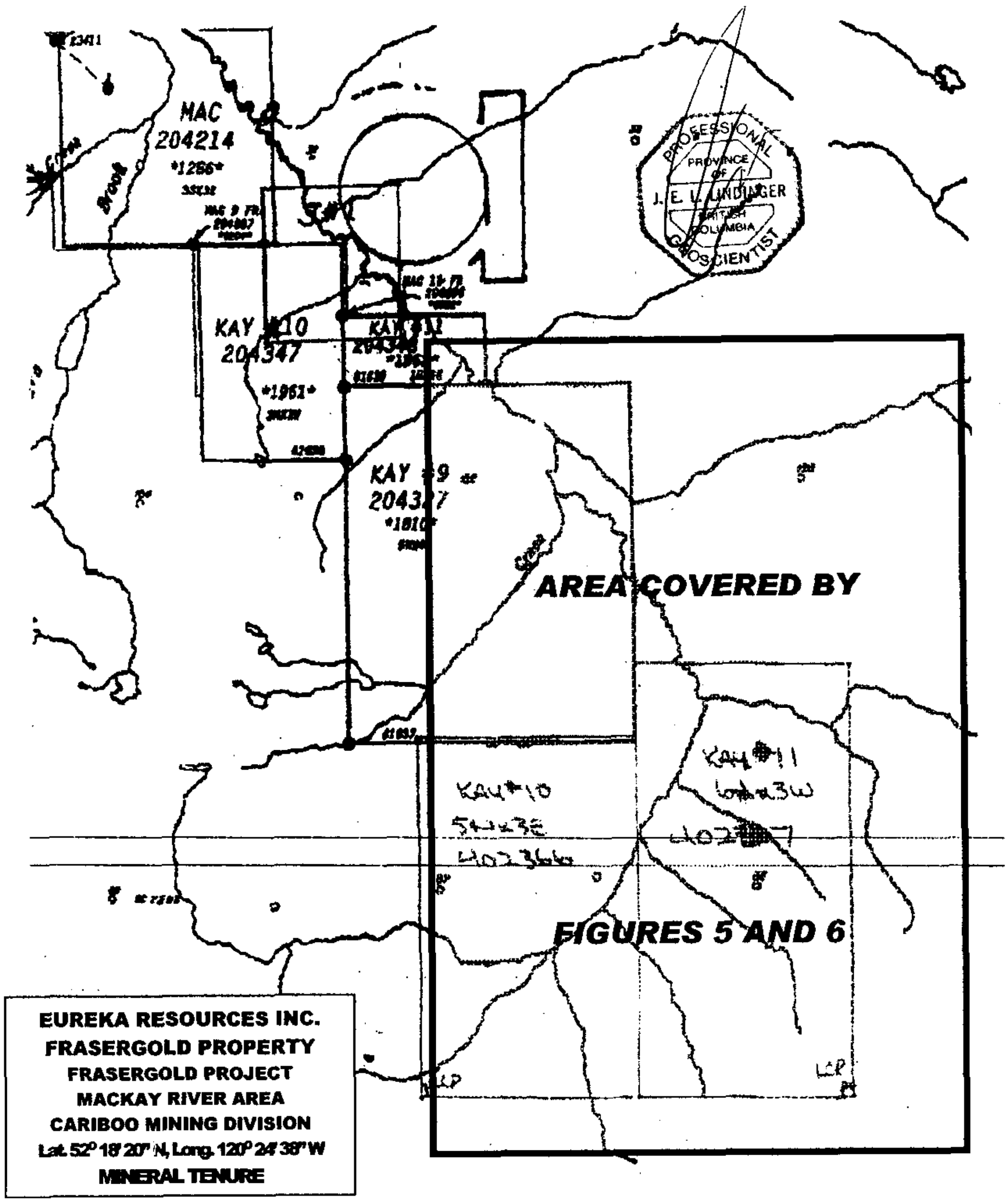
The mineral claims comprising the Frasergold property are 100% owned by Eureka Resources Ltd. are in the Cariboo Mining Division on BCGS map sheets 093A 027, 037 and 038. Tenure details are tabulated below.

EUREKA RESOURCES LTD.
TABLE 1 - MINERAL TENURE

CLAIM NAME	TENURE NUMBER	No. OF UNITS	EXPIRY DATE*
MAC	204214	9	12/1/2008
KAY #10	204347	6	12/1/2009
KAY #11	204348	2	12/1/2008
MAC 9 FR.	204887	1	12/1/2008
MAC 11 FR.	204896	1	12/1/2008
KAY #10	402366	15	5/9/2007
KAY #11	402367	18	5/9/2007
J #1	405520	4	10/4/2008
KAY#9	405682	20	9/26/2007
TOTAL UNITS		76	

* upon acceptance for assessment credit of the exploration expenditures this report documents.

Figure 2 - Mineral Tenure and Index Map



History

Hajek 1987, page 6 reports;

> "...The earliest recorded exploration activity within the region of the claims was for placer gold along the upper reaches of the Horsefly River drainage system.
>
> In 1902 a small amount of placer gold reportedly was recovered from Frasergold Creek, a tributary of the MacKay River.
>
> In 1959 copper was discovered near Eureka Peak, 5 kms northwest. of the Kusk 6 claim. Exploration on this porphyry-type prospect continued, intermittently until 1974. Several companies were involved including Helicon, Amex, Rio Tinto and Noranda.
>
> In 1979 Mr. C. Gunn staked the Kay 1 to Kay 8, 2-post claims 2.1ong Frasergold Creek ..."

In 1980 the B.C. government released the results of their regional silt geochemical survey which outlined several significant gold anomalies in the region resulting in extensive prospecting activity.

Hajek 1987 page 7, further reports;

> "....The Kay claims were optioned by Keron Holdings Ltd. in the fall of 1979. The property was expanded over a significant gold mineralization within a sequence of Upper Triassic black phyllites.
>
> In December 1982 the Kay, Mac and Alpha claims, collectively known as the Frasergold Property, were assigned to Eureka Resources, Inc. Amoco, through an option agreement with Eureka is currently evaluating the property.
>
> The Kusk claims were staked in November 1981 to cover the possible extension of the favourable knotted phyllite sequence which was known to host significant gold mineralization on the adjacent Frasergold Property...."

Further exploratory work on the Frasergold property culminated in a 1991 detailed drilling and underground program. The results of this work resulted in a reported an "inferred resource of 11 million tonnes grading 1.85 g/t gold (Minfile report– Frasergold Prospect #093A120).

NOTE The 2003 work program was near and around the KUSK Minfile occurrence (093A061) and the following history concentrates on this area.

Roddy Resources Inc. and Nirvana oil and Gas Ltd. in 1982 completed a reconnaissance geochemical survey over the KUSK claims for trace gold and silver (Dawson, 1982). Some weak anomalies were obtained
Hajek 1987 further report;

> "...Prior to the 1985 program exploration work carried out on the Kusk Property included wide-spaced reconnaissance soil sampling over most of' the claim area . In 1982, detailed soil sampling and mapping within the central part of the claim area in 1983 and detailed soil sampling and mapping in the western part of the claim area in 1984.
>
> The 1984 program delineated a large zone of' weak to moderately anomalous gold values in soils, associated with the southeast extension of the knotted phyllite sequence around the nose of' the Crooked Lake Syncline
>
> Diamond drilling and trenching carried out during 1985 cross-cut the favourable knotted phyl1ite sequence and associated soil anomaly along two section lines. DDH-l. which was collared at 4+94S. 4+44W cross-cut the sequence near the nose of the Crooked Lake Syncline..."

DDH-2 was collared about 500 meters north of DDH-1 near two large trenches dug from the same program (Belik 1985).

Belik 1898 page 3 reports:

> "...During 1985. the main soil anomaly was evaluated by two diamond drill holes 550 meters apart. DDH-l penetrated a zone. 6.1 meters wide. averaging 0.0)) oz gold/ton. DDH-2 penetrated a zone. 8.08 meters wide. averaging 0.04) oz gold/ton {incl. 2.1) meters of 0.086).
>
> Both zones occur at about the same stratigraphic level. near the top of a phyllite sequence characterized by the presence of calcareous phyllite and argillaceous limestone interbeds. The calcareous sequence has a overall thickness of about 100 meters...."

Nirvana Industries Ltd. in 1987 completed a combined shallow and deep multielement soil sampling program over the area of the KUSK gold anomaly confirming the presence of anomalous gold associated with "silver, base metals and other trace elements". (Hajek 1987, page 23). He also reported possible massive sulphide base metal geochemical signatures.

Nu Crown Resources Inc. in 1988 completed a multihole percussion drill program southwest of the 1985 drilled area. No gold results were obtained from this program.

The KUSK claims were allowed to lapse in 1999.

The area was restaked as the Kay 9, 10 and 11 claims in 2003. Also in 2003 Eureka Resources Inc. completed a reconnaissance style geochemical survey. The results of this survey are discussed in this report.

The Frasergold prospect was discovered in 1982 while following up on anomalous gold results from soil sampling programs.

Regional Geology

Boronowski and Sebert, 2003; describe the regional geology;

> "....Rocks of three distinct geologic terranes including the Quesnel, Slide Mountain and Barkerville terranes underlie the Frasergold property .The Quesnel and Slide Mountain terranes are part of the western Intermontane Belt, which has accreted eastward onto the Barkerville terrane, which is part of the Omineca Belt. The Eureka Thrust marks the major tectonic boundary between these two belts.
>
> Oldest are the Proterozoic to Lower Paleozoic aged metasedimentary rocks of the Kaza Group, which lie to the east of the MacKay River and are part of the Omineca belt.
>
> Younger mid-Paleozoic to Tertiary metasedimentary and metavolcanic rocks of Quesnel terrane lie to the west and contact the Kaza metasedimentary rocks along a major west- dipping fault -the Eureka Thrust.
>
> The Slide Mountain terrane is represented by Mississippian-aged basic to' intermediate volcanic rocks and minor ultramafic bodies, which overlie the Barkerville terrane and form the base of the Quesnel terrane...."

Figure 3 - Regional Geology

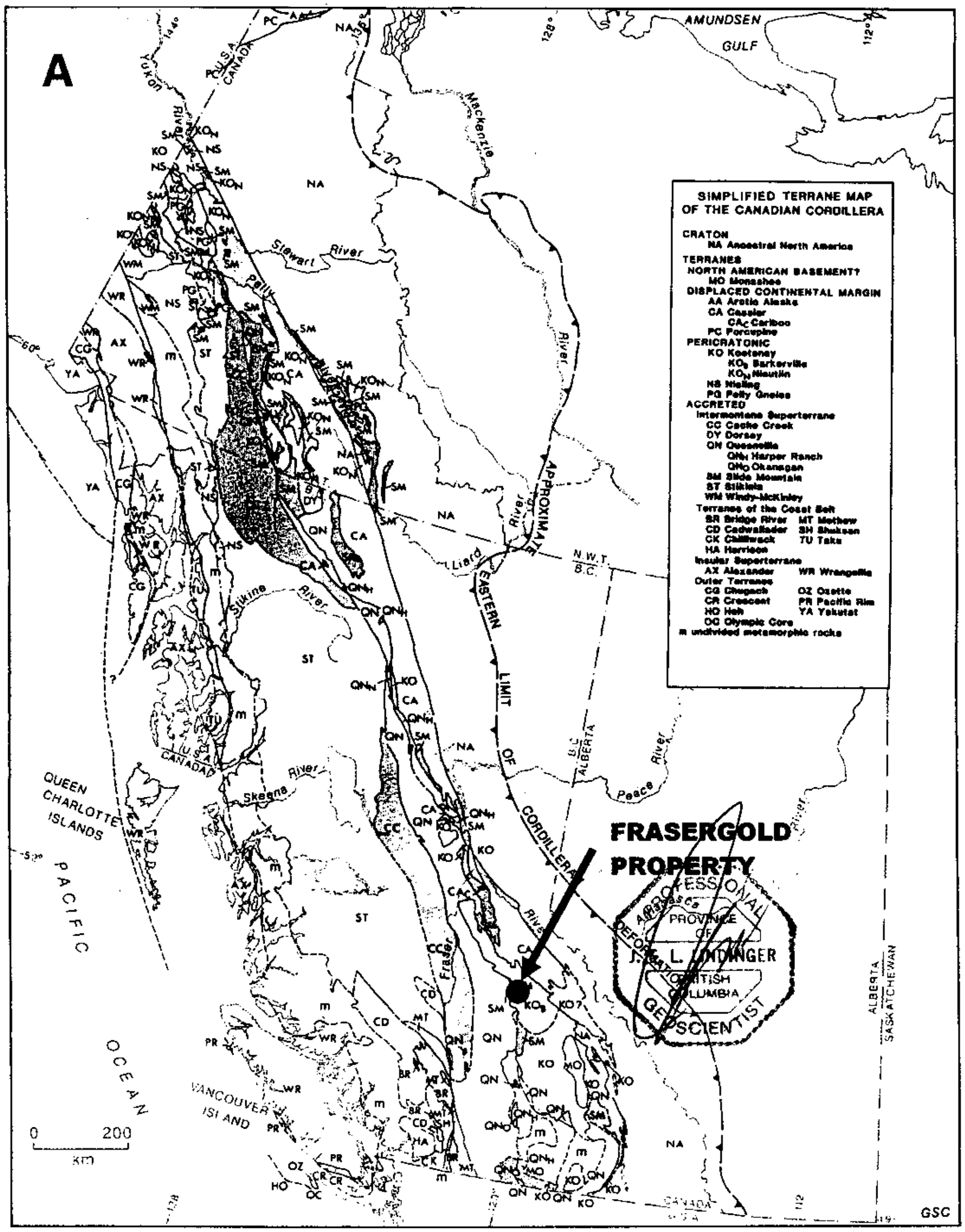


Figure 2.6. (A) Simplified terrane map of the Canadian Cordillera. Dark grey shading represents oceanic terrane and pink shading represents pericratonic terrane. (B) Block diagram illustrating structural relationship of terranes in the Quesnel Highlands and Cariboo Mountains.

EUREKA RESOURCES INC.
FRASERGOLD PROPERTY - FRASERGOLD PROJECT
MACKAY RIVER AREA - CARIBOO MINING DIVISION
Lat. 52° 18' 20" N, Long. 120° 24' 38" W
REGIONAL GEOLOGY

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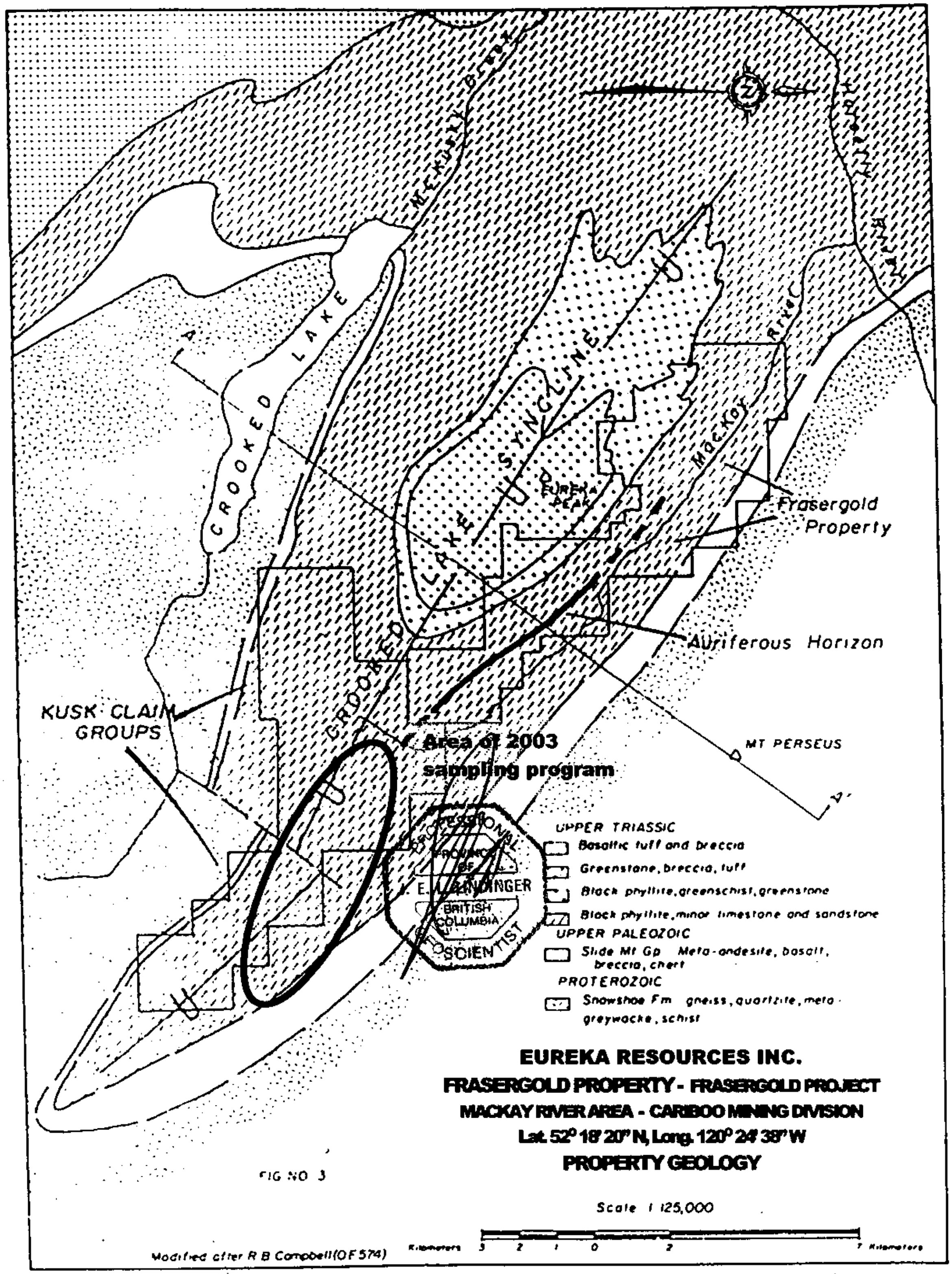
Property Geology

Boronowski and Sebert 2003 describe the property geology in detail.

> "...The Frasergold property is located on the northeast limb and hinge of the Crooked Lake syncline, which plunges shallowly northwest (Figures 1, 2). Bedding on the property generally dips gently to the southwest but becomes steeper towards the hinge of the syncline to the southeast. The stratigraphy from lowest to highest (and from the edge to the core of the syncline) can be outlined as follows.
>
> A) Kaza Group metasedimentary rocks belonging to the Barkerville terrane (Omineca Belt).
>
> B) Basic to intermediate volcanic rocks and minor ultramafic rocks assigned to the Slide Mountain terrane. These form a layer ~100 m thick on the northeast edge of the property (Intermontane Belt).
>
> C) Black variably carbonaceous and calcareous phyllite with intercalated metasandstones, tuffs and limestone. This unit is on the order of 1500 mi thick and is the dominant roc-k ~e on the property .It belongs to the Quesnel terrane (Intermontane Belt) and contains the "Main Zone" gold mineralization previously delineated by Eureka Resources Inc.
>
> D) A large up to 500 m- thick plagioclase-pyroxene-rich mafic sill overlies the black phyllite.
>
> E) A 300 m thick volcanic-sedimentary sequence of interbedded black phyllitic siltstones and green fragmental metavolcanic rocks.
>
> F) An 1800 m thick sequence of Triassic to Jurassic-aged mafic to intermediate pyroxene-porphyry breccia, tuff and flows. These rocks have been assigned to the Takla Group (Bloodgood, 1987).
>
> G) Stocks and dikes of diorite, granodiorite, monzonite and syenite, which intrude the mixed volcanic-sedimentary rocks (E).
>
> H) Small remnants of Tertiary-aged basalt.,

Figure 4 - Property Geology



Structure plays an important role in understanding the nature of gold mineralization on the property .Campbell (1989) cites that understanding of the structural geology evolved slowly from 1984 onwards and he summarizes the structural features found in the phyllites in the northeast limb of the Crooked Lake Syncline as follows.

Cleavages:

1) S0: Bedding in the phyllites is defined by narrow quartzite and siltite layers. Bedding attitudes are 130-140°/30-45° SW.

2) S1: The axial plane schistosity is defined by a micaceous cleavage and reflects the regional folding of the Crooked Lake Syncline. Attitude of the cleavage is generally 130°/55-60° SW.

3) S2: A crenulation cleavage developed sub parallel to S1. Attitude of the crenulation is sub parallel to S1 68-85° SW.

4) S3: A coarsely spaced crenulation cleavage developed locally in the area of the Main Zone mineralization. Attitude of this cleavage is 160-170°/60-70° SW.

Folding:

1) Minor interfolial folds related to bedding transposition.

2) FI: Z-shaped open to tight folds verging to the northeast. These structures are related to the mesoscopic folding of the Crooked Lake Syncline and the northeastward direction of movement and rotation of the strata. S1 forms the axial plane to these structures with fold axes plunging from 10° to 310°.

3) Third phase folds of different varieties also exist. There are minor kink folds and warps of main phase (F I) folds. Campbell recognized quartz rolls and fold hinges developed about the steep crenulation cleavage (S2) with axes oriented 10° towards 290-300° These may be equivalent F2 folds defined by Bloodgood (1987).

Faulting has also had an influence on the location of gold mineralization. The Eureka Thrust fault lies on the northeastern margin of the property. This is a major regional fault and represents the accretion boundary between the Quesnel and Barkerville terranes. Another large thrust fault separates the Takla volcanics from lower metasedimentary rocks (Bloodgood, 1987). Smaller parallel to sub parallel fault structures also ultimately related to the thrusting and folding of the strata on the property were developed along bedding planes, cleavage traces and fold limbs (Campbell, 1989 and Campbell et al., 1991).

Cross faults have been interpreted to cut the stratigraphy on the property but have not been identified in outcrop (Kerr, 1985). These structures. may have recessive exposures and be covered by overburden..."

Mineralization

Boronowski and Sebert 2003 describe the known property mineralization in detail in the following overview.

"...Past exploration efforts on the Frasergold property have mainly concentrated on the delineation of sediment-hosted-type gold mineralization, within the northeast limb of the Crooked Lake syncline. This type of mineralization is hosted within a carbonate and quartz-vein-rich stratabound horizon in the black phyllite unit. A geochemical soil gold anomaly has outlined the mineralized horizon to the northwest and southeast for approximately 12 km along the east limb of the Crooked Lake Syncline. It has been extensively tested by drilling and from underground along an 800 meter section referred to as the "Historical Main Zone".

The gold mineralization is contained in a specific horizon of the black phyllite unit. This horizon has been distinguished for containing 5 to 40% patches (porphyroblasts) of iron-rich carbonate 2 to 8 mm in size (Belik, 1981) and has been labelled the Knotted Phyllite by previous workers. It forms a northwest striking layer up to 300 m thick in the area of gold mineralization.

In the Historical Main Zone, elevated gold concentrations are spatially associated with areas rich in discontinuous lens-like to folded carbonate-quartz-rich veins and veinlets (Campbell, 1989). Quartz is the dominant gangue mineral in the veins with lesser amounts of iron-carbonate composed of dolomite and siderite. Coarse free gold occurs within and adjacent to these veins and lenses and ~individual assay results may exceed 1opt.gold.. Less frequently, gold has been found in carbonaceous phyllite lacking carbonate-quartz veining where it may be smeared along cleavage traces. Minor quantities (<10 %) of pyrite and pyrrhotite and trace galena, sphalerite and chalcopyrite also occur in and along the carbonate-quartz veins. Examination of samples taken in drill holes and underground have not revealed a consistent correlation between gold content and sulphide content nor between gold and other elements such as arsenic, lead, zinc.

Overall, high gold grades remain localized and reflect the discontinuous nature of the veining.. Larger sample widths in drill holes and underground channel and bulk samples are considerably lower in grade. For example~ a global estimate of the drill indicated grade of a section of the Historical Main Zone (strike length 800 m) is on the order of 0.05 opt. using a 0.3 oz/ton cutting factor (Kerr, 1995).

Structural features including bedding, cleavage and faults control the character and geometry of the carbonate-quartz veins and sediment-hosted gold mineralization in the Historical Main Zone and its lateral extension. Campbell (1989) and Campbell et al. (1991) have effectively outlined these structural controls and the character of the various carbonate-quartz veins; this is summarized below.

Vein Types:

1) Bedding parallel veins. These are usually < 5 cm wide.

2) Veins parallel to the S1 cleavage, which are up to 20 cm wide.

3.) Folded, boudinaged and sheared ribbon veins. These vary from several cm wide to >30 cm where paralleled by shearing.

4) Wide >30cm (up to 70 cm) wide bowed veins that have a near vertical attitude.

5) Narrow vertical veins ranging in width from 1 to 20 cm.
The earliest veins developed along the bedding plane and SI cleavage. These tend to be relatively poor in sulphides or carbonate (Campbell et al. 1991). These earlier veins were then deformed by continuing flattening and flexural strain as folding progressed.

Shearing and faulting parallel and sub parallel to the S2 cleavage also developed as deformation progressed. Later vein sets may be folded and/or sheared. They tend to have a more ribboned appearance and are relatively richer in carbonate and in sulphide minerals. There are many cases of folded quartz veins axial planar with the S2 cleavage. The overturned limb of the folded 'vein may be parallel to steeply dipping reverse faults developed parallel and sub parallel to S2 (Campbell et al., 1991).

The near-vertical bowed veins are interpreted as dilational veins and usually strike at an acute angle to the reverse faults and adjacent ribboned veins. They contain ghost structures reminiscent of Knotted Phyl lite inclusions and appear to have developed cat the expense of adjoining ribbon veins. The bowed veins may have siderite and sulphide-rich margins up to 20 cm wide. The narrow vertical veins are similar in attitude to the bowed veins and also appear to post-date the ribbon veins. They are usually banded and have siderite and sulphide-rich margins and/or cores (Campbell et al., 1991). Campbell et al. (1991) estimate that the ribbon and bowed veins) make-up greater than 95% of the veins exposed in the underground workings on the Historical Main Zone.

In 1991 samples were taken of individual veins to determine their average grade. The narrow vertical veins and bowed dilational veins were found to contain higher gold .contents than the ribboned veins (Campbell et al., 1991).

Previous workers (e.g. Belik, 1981 and Kerr and Campbell, 1990) have postulated somewhat diverging theories as to the origin of the mineralization. Kerr and Campbell (1990) favour a tectono-metamorphic origin for this mineralization whereby Au was remobilized by deformation and metamorphism of metasedimentary rocks and redeposited within the discontinuous carbonate-quartz-rich veins and veinlets developed in the layer of Knotted Phyllite. The veins and veinlets may have been produced by progressive shearing and folding of the phyllitic host rocks in response to fold development and movement along the Eureka Thrust lying immediately to the east of the MacKay River. In contrast with the above, Belik (1981) suggested that the Au was originally syngenetic -of exhalative origin -deposited along with iron carbonates by hydrothermal fluids related to volcanism. The gold was then subsequently reconcentrated by regional metamorphism and deformation.

Overall, deformation appears to have progressed from a more ductile phase of folding and cleavage development to a more ductile-brittle regime in which both folding and the development of faults and spaced cleavage occurred. Gold grades increase in the younger dilational veins and banded vertical veins where greater amounts of fluids may have been channeled. These later more gold-rich veins are spatially related to faults developed parallel and sub parallel to the S2 cleavage (Campbell et al., 1991).

It is not apparent at this stage why the Knotted Phyllite was the site for vein development and gold deposition. It may have been more siliceous originally and slightly more competent than the phyllites lying below or above. Chemical whole rock examinations of the Knotted Phyllite indicate that the phyllite next to the veins is more Al2O3-rich and poorer in SiO2, MgO, FeO and CaO than phyllite samples taken further away from the veins. This suggests that these elements were extracted from the host rock by the mineralizing process (Campbell et al., 1991). There appears to have been some sulphide deposition accompanying the gold at the margins or cores of the veins. Sulphur may have been scavenged by the metamorphism and breakdown of included evaporite (such as anhydrite) in the phyllite unit. Sulphur could also have been obtained from the metamorphism of pyrite and its conversion to pyrrhotite…."

2003 Work Program

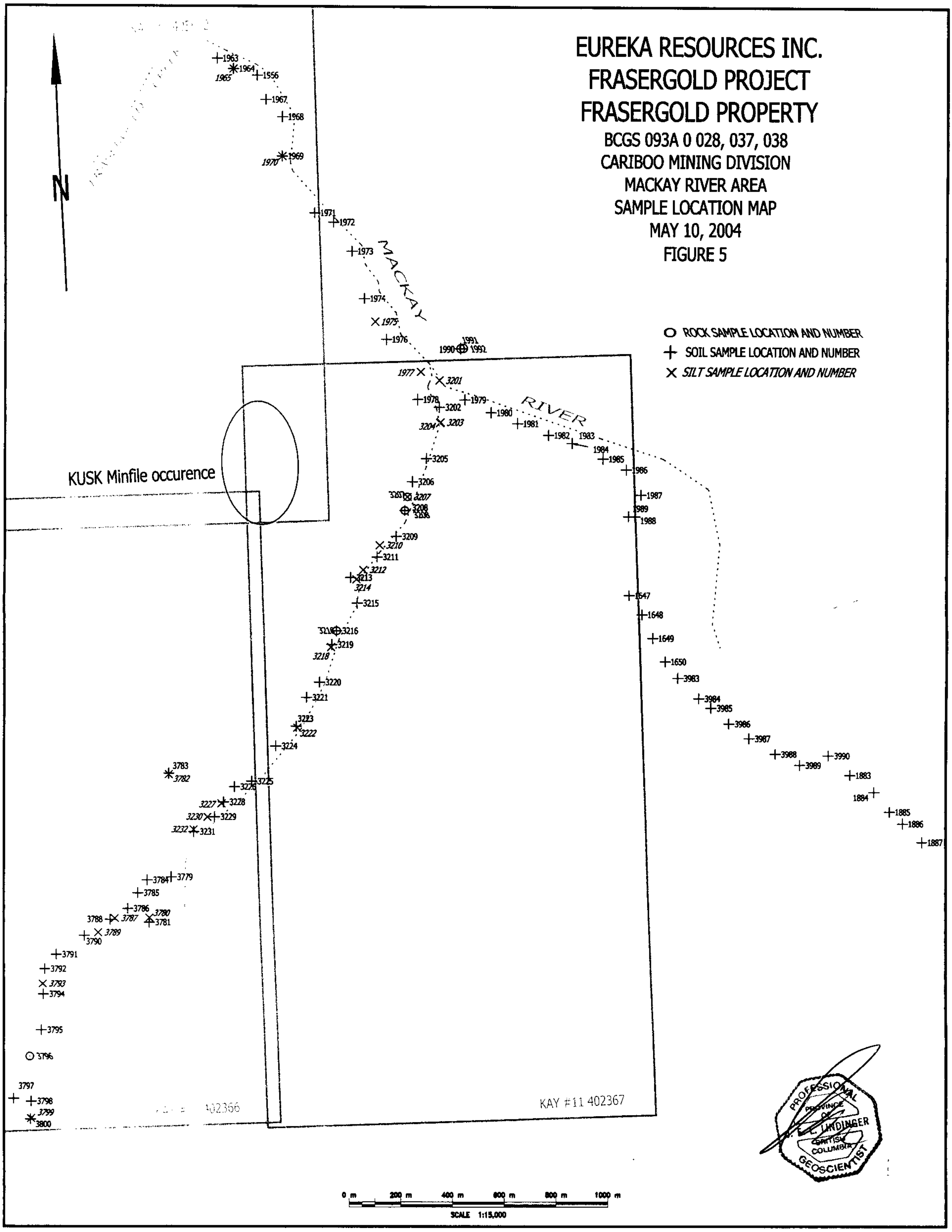
From September 24-27 and October 3 and 4 SabreX Contracting Ltd. under the field supervision of Peter Bernier completed a helicopter and road supported soil, silt and rock sampling program over the Kay 9, 10 and 11 claims owned by Eureka Resources Inc. This program was designed and directed by Mr. John J. O'Neill, President of Eureka Resources Inc. to explore for strike extensions of gold bearing lithologies as recommended by Mr. Alex Boronowski, P.Geo. in an internal company report dated August 22, 2003.
The soil samples were taken as infill and linking geochemical sampling programs from past surveys.

A total of 6 rock, 75 soil and 22 silt samples were taken on and near the claims during this program. (see Figure 5 - Sample Location Map.) The writer has not seen the rocks. However based on the analyzed iron content quartz vein samples are likely.

The soil samples were taken of either B horizon or shallow C horizon at depths ranging from 15 to 30 cm. The silt samples were from fine grained stream sediment. The rock samples were rocks considered interesting to sample by the sampler.

All samples were sent to Acme Analytical Laboratories for gold and 35 element ICP analyses. Elements analyzed were molybdenum (Mo), copper (Cu), lead (Pb), zinc (Zn), silver (Ag), nickel (Ni), Cobalt (Co), Manganese (Mn), iron (Fe), arsenic (As), uranium (U), gold (Au), thorium (Th), strontium (Sr), Cadmium (Cd), antimony (Sb), bismuth (Bi), vanadium (V), calcium (Ca), phosphorus (P), lawrencium (La), chromium (Cr), magnesium (Mg), barium (Ba), titanium (Ti), boron (B), aluminum (Al), sodium (Na), potassium (k), tungsten (W), mercury)Hg), scandium (Sc), thallium (Tl), sulphur (S), gallium (Ga), and selenium (Se). Gold results are in parts per billion (ppb), iron, calcium, phosphorus, magnesium, titanium, aluminum, sodium, potassium and sulphur are reported in percent (%), and all others elements are reported in parts per million (ppm).

Rock samples were crushed to 70% passing 10 mesh (~4 mm) from which aa 250 gm subsample pulverized to 95% passing 150 mesh from which a 0.5 gm subsample was digested in 3 ml of hydrochloric acid-nitric acid-water (aqua regia) solution at 95 deg. C. for one hour. The solution was then diluted to 10 ml then analyzed by induced coupled plasma (ICP) mass spectroscopic technique for ppm and % multielement analyses. A separate 30 gm subsample was analyses for gold (ppb) using conventional fire assay with an ICP analyses.


EUREKA RESOURCES INC.
FRASERGOLD PROJECT
FRASERGOLD PROPERTY
BCGS 093A 0 028, 037, 038
CARIBOO MINING DIVISION
MACKAY RIVER AREA
SAMPLE LOCATION MAP
MAY 10, 2004
FIGURE 5
ROCK SAMPLE LOCATION AND NUMBER
SOIL SAMPLE LOCATION AND NUMBER
SILT SAMPLE LOCATION AND NUMBER
N
MACKAY
RIVER
KUSK Minfile occurence
KAY #11 402367
402366
PROFESSIONAL
PROVINCE OF
BRITISH COLUMBIA
GEOSCIENTIST
0 m
200 m
400 m
600 m
800 m
1000 m
SCALE 1:15,000

Soil and silt samples were dried at 60 deg. C. then screened separating the minus 80 mesh fraction. From this fraction 15 or 7.5 gm subsample was digested in 90 ml of hydrochloric acid-nitric acid-water (aqua regia) solution at 95 deg. C. for one hour. The solution was then diluted to 300 ml then analyzed by induced coupled plasma (ICP) mass spectroscopic technique for ppm and % multielement and ppb gold analyses.

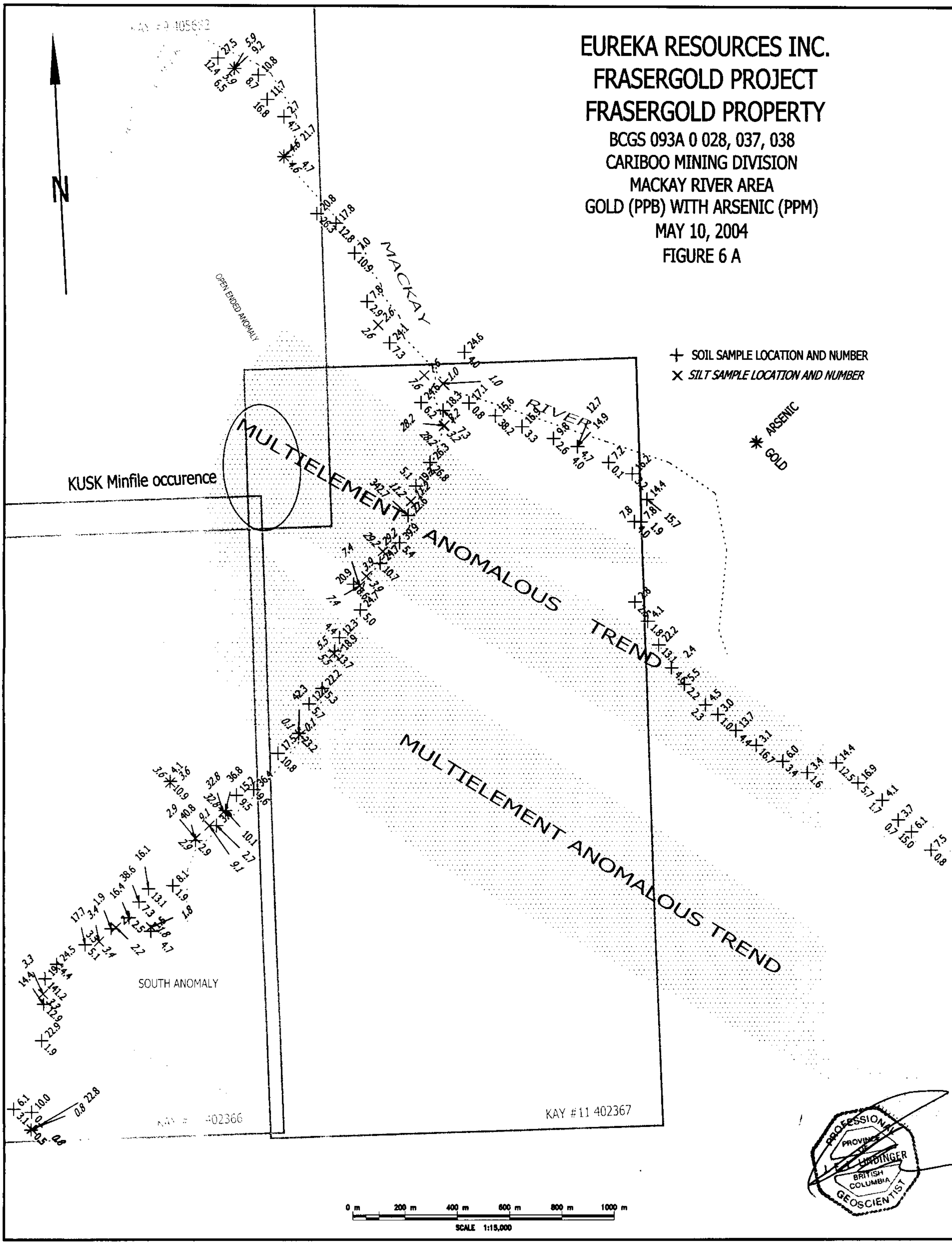
2003 Exploration Results.

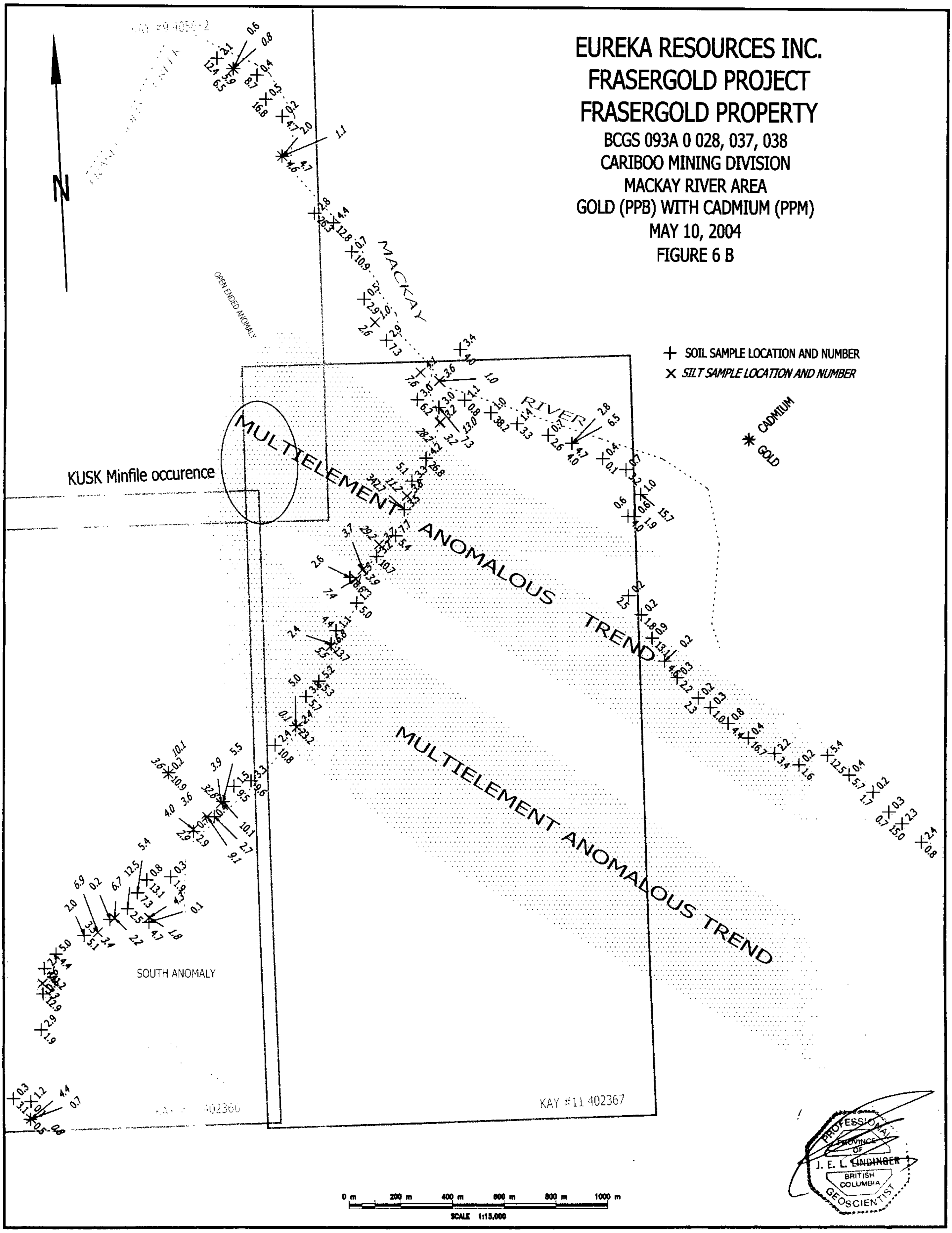
One rock samples #3216 returned 34.4 g/t gold using a 0.5 gm subsample that when analyzed using a more representative 30 gm subsample returned 5 ppb. All other rock samples did not report any gold. Samples 1991 and 1992 were anomalous in molybdenum.

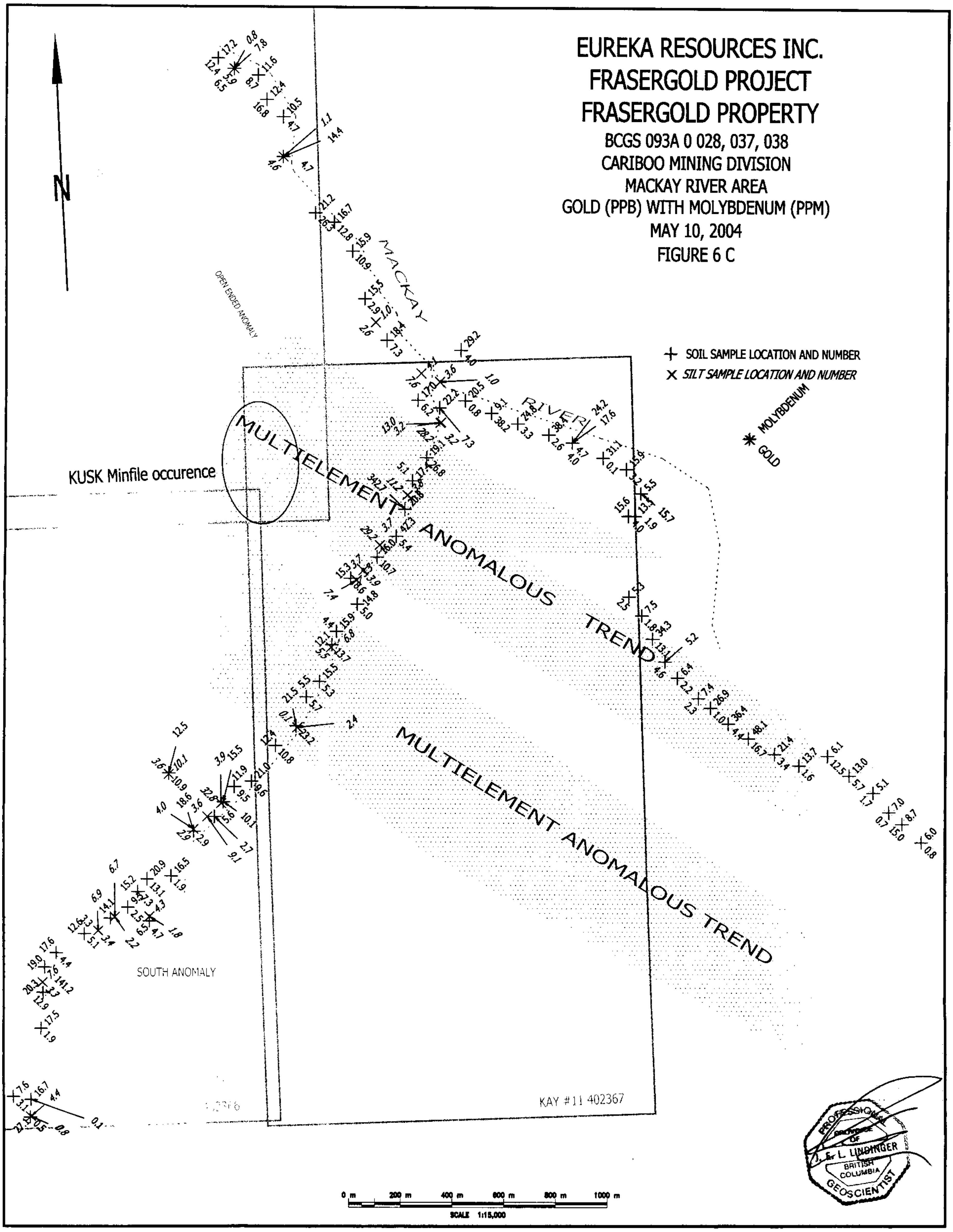
Many soil and silt samples returned anomalous results for gold. The strongest results came from the headwaters of the south branch of the Mackay River south of the KUSK stratabound gold occurrence (Minfile 093A061). The anomalies decreased in number and intensity to the southeast with similar patterns to earlier surveys.

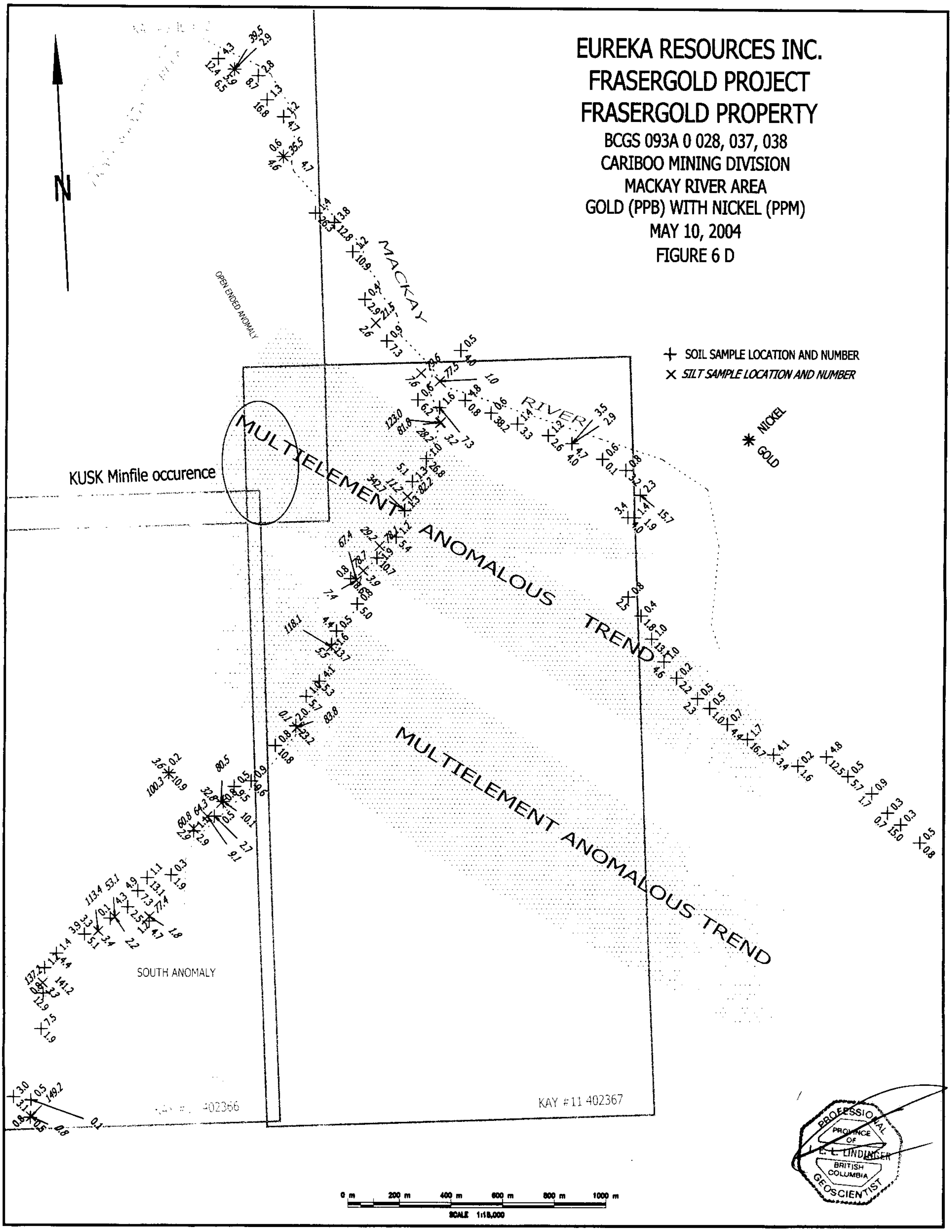
The number of samples is not really adequate to complete statistical analyses however based on the results of this and earlier surveys (Hajek 1987, page 21, and Laanela and Kokonis, page 20) suggest that gold is anomalous over 20 ppb, silver over 1.5 ppm. molybdenum over 25 ppm, copper over 80 ppm, lead over 18 ppm, zinc over 200 ppm, nickel over 45 ppm, cobalt over 16 ppm, manganese over 1100 ppm, arsenic over 7 ppm, uranium over 6 ppm. thorium over 4 ppm , strontium over 18 ppm, cadmium over 3 ppm, chromium over 22 ppm, and mercury over 0.09 ppm

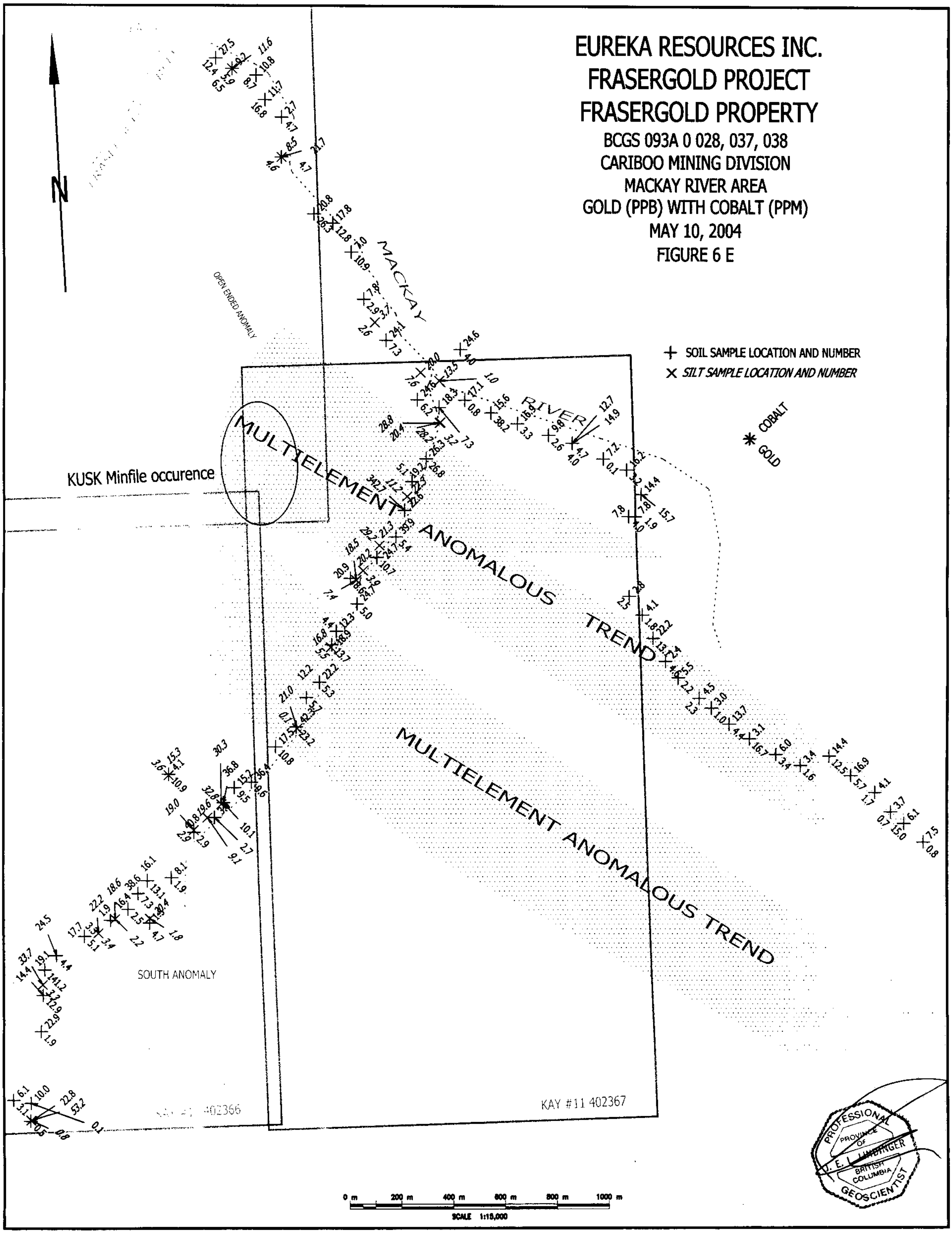
Elements strongly associated with gold include silver, arsenic, nickel, cobalt, cadmium, molybdenum, lead, zinc, and mercury. Elements less strongly associated with gold include copper, manganese, uranium, antimony, bismuth, strontium, tungsten, calcium, chromium and sodium. Potassium and sodium appear to be depleted in surrounding rocks near gold anomalies but potassium may be weakly anomalous directly with gold. Gold with silver, arsenic, nickel, cobalt, cadmium, molybdenum, lead, and zinc for soil and silt samples are depicted in Figure 6. The pattern of gold and associated elements from this and earlier multielement surveys mentioned earlier outline a series of subparallel south east bedding sub-parallel trends to the headwaters of McKusky Creek . (See Figure 6) As with earlier surveys the strongest anomalies are directly associated with the KUSK Gold Occurrence and generally weaken gradually to the southeast.

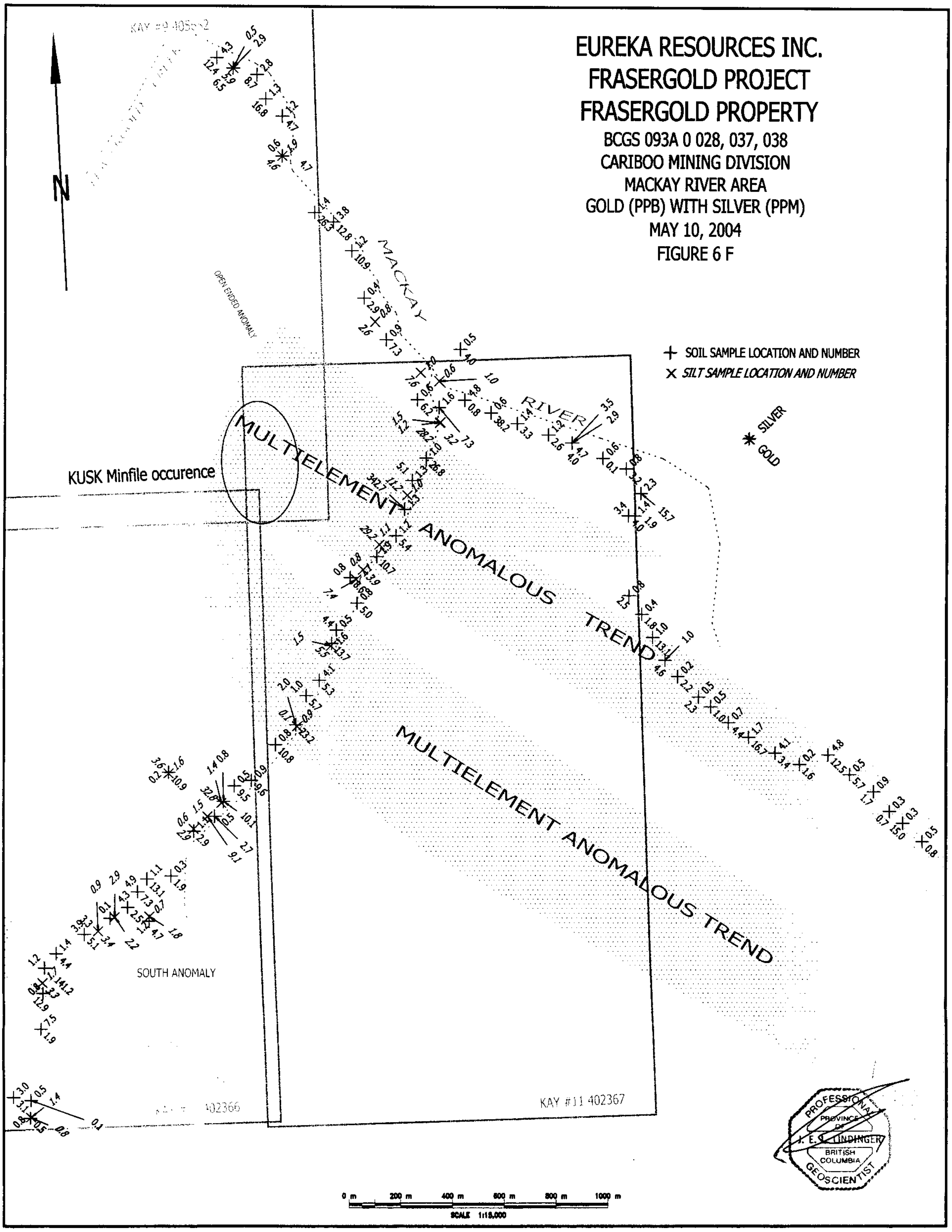

EUREKA RESOURCES INC.
FRASERGOLD PROJECT
FRASERGOLD PROPERTY
BCGS 093A 0 028, 037, 038
CARIBOO MINING DIVISION
MACKAY RIVER AREA
GOLD (PPB) WITH ARSENIC (PPM)
MAY 10, 2004
FIGURE 6 A
N
SOIL SAMPLE LOCATION AND NUMBER
SILT SAMPLE LOCATION AND NUMBER
ARSENIC
GOLD
MACKAY
RIVER
OPEN ENDED ANOMALY
KUSK Minfile occurence
MULTIELEMENT ANOMALOUS TREND
MULTIELEMENT ANOMALOUS TREND
SOUTH ANOMALY
KAY #11 402367
402366
0 m
200 m
400 m
600 m
800 m
1000 m
SCALE 1:15,000
PROFESSIONAL
PROVINCE OF BRITISH COLUMBIA
LINDINGER
GEOSCIENTIST

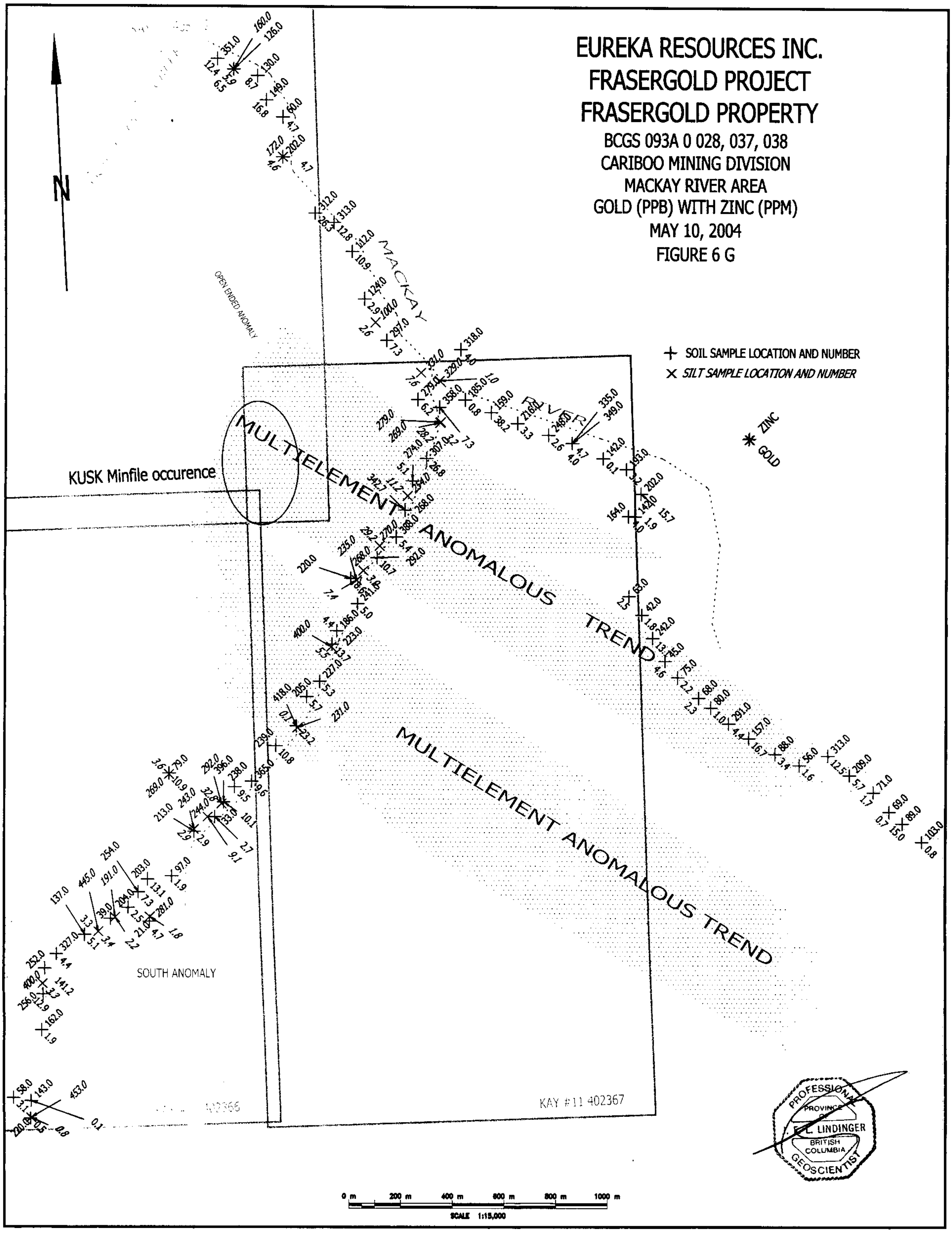

EUREKA RESOURCES INC.
FRASERGOLD PROJECT
FRASERGOLD PROPERTY
BCGS 093A 0 028, 037, 038
CARIBOO MINING DIVISION
MACKAY RIVER AREA
GOLD (PPB) WITH CADMIUM (PPM)
MAY 10, 2004
FIGURE 6 B
N
SOIL SAMPLE LOCATION AND NUMBER
SILT SAMPLE LOCATION AND NUMBER
CADMIUM
GOLD
MACKAY
RIVER
OPEN ENDED ANOMALY
KUSK Minfile occurence
MULTIELEMENT ANOMALOUS TREND
MULTIELEMENT ANOMALOUS TREND
SOUTH ANOMALY
KAY #11 402367
0 m
200 m
400 m
800 m
1000 m
SCALE 1:15,000
PROFESSIONAL
PROVINCE OF
J. E. L. LINDINGER
BRITISH COLUMBIA
GEOSCIENTIST

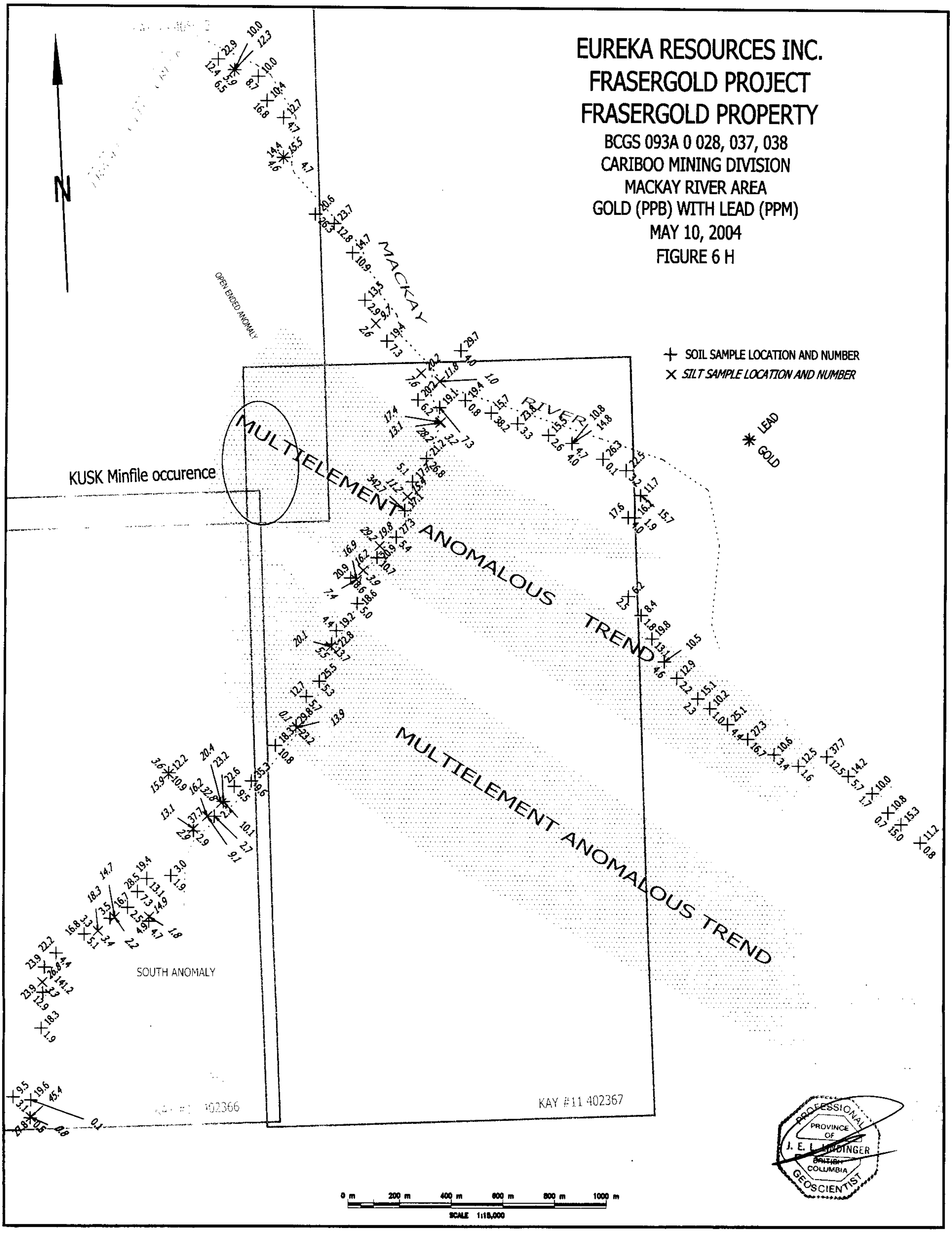

EUREKA RESOURCES INC.
FRASERGOLD PROJECT
FRASERGOLD PROPERTY
BCGS 093A 0 028, 037, 038
CARIBOO MINING DIVISION
MACKAY RIVER AREA
GOLD (PPB) WITH MOLYBDENUM (PPM)
MAY 10, 2004
FIGURE 6 C
N
SOIL SAMPLE LOCATION AND NUMBER
SILT SAMPLE LOCATION AND NUMBER
MOLYBDENUM
GOLD
MACKAY
RIVER
KUSK Minfile occurence
MULTIELEMENT ANOMALOUS TREND
MULTIELEMENT ANOMALOUS TREND
OPEN ENDED ANOMALY
SOUTH ANOMALY
KAY #11 402367
SCALE 1:15,000
0 m 200 m 400 m 600 m 800 m 1000 m
PROFESSIONAL PROVINCE OF BRITISH COLUMBIA GEOSCIENTIST
E. L. LINDINGER


EUREKA RESOURCES INC.
FRASERGOLD PROJECT
FRASERGOLD PROPERTY
BCGS 093A 0 028, 037, 038
CARIBOO MINING DIVISION
MACKAY RIVER AREA
GOLD (PPB) WITH NICKEL (PPM)
MAY 10, 2004
FIGURE 6 D
N
SOIL SAMPLE LOCATION AND NUMBER
SILT SAMPLE LOCATION AND NUMBER
NICKEL
GOLD
MACKAY
RIVER
OPEN ENDED ANOMALY
KUSK Minfile occurence
MULTIELEMENT ANOMALOUS TREND
MULTIELEMENT ANOMALOUS TREND
SOUTH ANOMALY
KAY #11 402367
402366
0 m 200 m 400 m 600 m 800 m 1000 m
SCALE 1:18,000
PROFESSIONAL
PROVINCE OF BRITISH COLUMBIA
E. L. LINDINGER
GEOSCIENTIST


EUREKA RESOURCES INC.
FRASERGOLD PROJECT
FRASERGOLD PROPERTY
BCGS 093A 0 028, 037, 038
CARIBOO MINING DIVISION
MACKAY RIVER AREA
GOLD (PPB) WITH COBALT (PPM)
MAY 10, 2004
FIGURE 6 E
N
+ SOIL SAMPLE LOCATION AND NUMBER
× SILT SAMPLE LOCATION AND NUMBER
COBALT
GOLD
MACKAY
RIVER
OPEN ENDED ANOMALY
KUSK Minfile occurence
MULTIELEMENT ANOMALOUS TREND
MULTIELEMENT ANOMALOUS TREND
SOUTH ANOMALY
402366
KAY #11 402367
0 m
200 m
400 m
600 m
800 m
1000 m
SCALE 1:15,000
PROFESSIONAL
PROVINCE OF BRITISH COLUMBIA
E. L. LINDINGER
GEOSCIENTIST


EUREKA RESOURCES INC.
FRASERGOLD PROJECT
FRASERGOLD PROPERTY
BCGS 093A 0 028, 037, 038
CARIBOO MINING DIVISION
MACKAY RIVER AREA
GOLD (PPB) WITH SILVER (PPM)
MAY 10, 2004
FIGURE 6 F
N
SOIL SAMPLE LOCATION AND NUMBER
SILT SAMPLE LOCATION AND NUMBER
SILVER
GOLD
MACKAY
RIVER
OPEN ENDED ANOMALY
KUSK Minfile occurence
MULTIELEMENT ANOMALOUS TREND
MULTIELEMENT ANOMALOUS TREND
SOUTH ANOMALY
KAY #11 402367
402366
0 m
200 m
400 m
600 m
800 m
1000 m
SCALE 1:18,000
PROFESSIONAL
PROVINCE OF
BRITISH COLUMBIA
GEOSCIENTIST


EUREKA RESOURCES INC.
FRASERGOLD PROJECT
FRASERGOLD PROPERTY
BCGS 093A 0 028, 037, 038
CARIBOO MINING DIVISION
MACKAY RIVER AREA
GOLD (PPB) WITH ZINC (PPM)
MAY 10, 2004
FIGURE 6 G
+ SOIL SAMPLE LOCATION AND NUMBER
X SILT SAMPLE LOCATION AND NUMBER
ZINC
GOLD
N
MACKAY
RIVER
OPEN ENDED ANOMALY
KUSK Minfile occurence
MULTIELEMENT ANOMALOUS TREND
MULTIELEMENT ANOMALOUS TREND
SOUTH ANOMALY
KAY #11 402367
0 m
200 m
400 m
600 m
800 m
1000 m
SCALE 1:15,000
PROFESSIONAL
PROVINCE
LINDINGER
BRITISH COLUMBIA
GEOSCIENTIST


EUREKA RESOURCES INC.
FRASERGOLD PROJECT
FRASERGOLD PROPERTY
BCGS 093A 0 028, 037, 038
CARIBOO MINING DIVISION
MACKAY RIVER AREA
GOLD (PPB) WITH LEAD (PPM)
MAY 10, 2004
FIGURE 6 H
SOIL SAMPLE LOCATION AND NUMBER
SILT SAMPLE LOCATION AND NUMBER
LEAD
GOLD
N
MACKAY
RIVER
OPEN ENDED ANOMALY
KUSK Minfile occurence
MULTIELEMENT ANOMALOUS TREND
MULTIELEMENT ANOMALOUS TREND
SOUTH ANOMALY
KAY #11 402367
402366
0 m 200 m 400 m 600 m 800 m 1000 m
SCALE 1:18,000
PROFESSIONAL
PROVINCE OF BRITISH COLUMBIA
GEOSCIENTIST

EUREKA RESOURCES INC - FRASERGOLD PROJECT
TABLE 2 - 2003 PROJECT PROPERTY EXPENDITURES

COST ITEM	CHARGE PER DAY PER DIEM	PER HOUR	PER LITRE	PER KM	QUANTITY	TOTAL CHARGE
Sabrex Contracting	$ 250.00				10	$ 2,500.00
Vehicle kilkometers				$ 0.30	1,592	$ 477.60
Vehicle - daily charge	$ 50.00				3	$ 150.00
Meals						$ 33.25
Hotel-for 4						$ 190.00
Arduini Helicopters		$ 895.00			3	$ 2,685.00
Helicopter fuel			$ 0.85		300	$ 255.00
sample shipment charge						$ 75.94
Field supplies						$ 56.00
Acme analytical laboratories prorated anaytical charge						$ 1,685.44
J.J. O'neill Management						$ 2,000.00
Report						$ 2,500.00
TOTAL APPLICABLE FOR ASSESSMENT PURPOSES						**$ 12,608.23**

PROFESSIONAL PROVINCE OF J. E. L. ... BRITISH COLUMBIA GEOSCIENTIST

Conclusions

The 2003 survey did not outline new significant mineralization or anomalous trends, however it did provide additional elements not analyzed for in earlier surveys that either coincide directly with or as "haloes" around gold anomalies, or in the case of sodium a possible very weak depletion halo. The strongest coincident elements with gold include silver, arsenic, nickel, cobalt, strontium, cadmium, molybdenum, lead, zinc, and mercury. Elements less strongly associated with gold include copper, manganese, uranium, antimony, bismuth, tungsten, calcium, sodium. Potassium and sodium appear to be depleted in surrounding rocks near gold anomalies but potassium may be weakly anomalous directly with gold.

The pattern of the anomalies strongly suggests that the mineralized horizon extends to the south east. The pattern also suggest that the southwest dip of the horizon is probably shallowing to the southeast as it approaches the axis of the "Crooked Lake Syncline" and thus would be increasingly influenced by the often steep local topography and would strike westerly on south slopes and southerly to south-south easterly on north slopes. This pattern would also be complicated by easterly striking faults offsetting the stratigraphy.

Recommendations

From the results of this and other surveys in the Kusk and Frasergold areas to the northwest a fairly continuous multielement anomaly associated with gold mineralization has been outlined over greater than a 12 km strike length. Only a relatively small portion of this zone has been adequately drill tested to a depth of up to 100 meters and only a few holes extend more than 100 meters below the surface mineralization. Eureka Resources Inc. now controls the most encouraging section of the mineralized horizon and now is in the position to compile and all exploration information and systematically explore the mineralized zone to enlarge and perhaps increase the grade of the Frasergold-KUSK mineral zone.

The literature states that sericitic alteration accompanies gold mineralization and the 2003 sampling program revealed that in the area of the anomalous gold horizon uranium, and thorium were enriched at and near anomalous gold samples and potassium was enriched very close to anomalous gold and appeared depleted in a "halo" around anomalous gold. These signatures would probably be detectable using new state of the art airborne radiometrics and reveal a meaningful pattern to target additional surface exploration.

Belik, 1985, Hajek 1987 and Boronowski 2003 among others, all recommend good quality, detailed geological lithological and structural mapping using outcrop, subcrop, test pits , float trains, airphoto analyses and lithogeochemical signatures as one of the most important tools to improve the 3 dimensional geological framework of the property.

There appears to be an information gap between the former KUSK and Frasergold properties that are now under common ownership. As this area definitely contains the known south extent of the mineralized horizon infill soil geochemistry may be required here.

From a brief review of the Frasergold literature the drilling along the southern extent of the know mineralized horizon is widely spaced and the intersections cannot be considered an accurate reflection of the gold mineralization encountered. Drill testing at less than 100 meters and preferably less than 50 meter spacing in the plane mineralized horizon should be considered. Also deep drill testing below the "Historical Main Zone should be considered.

EUREKA RESOURCES INC - FRASERGOLD PROJECT
TABLE 3 - RECOMMENDED EXPENDITURES

COST ITEM	TOTAL CHARGE	
Helicopter airborne radiometric magnetic survey	$	50,000.00
Helicopter survey with electromagnetic instrumentation added	$	50,000.00
Soil geochemistry sampling	$	5,000.00
Geological mapping	$	15,000.00
Road trail construction - trenching	$	20,000.00
Drilling - infill KUSK and south Frasergold area	$	100,000.00
Drilling geological support	$	10,000.00
logistical support and camp costs	$	20,000.00
analyses	$	7,000.00
Field supplies	$	500.00
Contingency at 9%	$	30,000.00
Report	$	15,000.00
TOTAL RECOMMENDED EXPENDITURES	**$**	**322,500.00**

Selected References

Belik G. 1985: Trenching and Diamond drilling report on the Kusk Property for Nirvana Oil and Gas Ltd. MEMPR Assessment Report 14050. 20 pages plus attachments.

Belik G. 1988: Percussion Drilling Report on the Kusk 5 and Kusk A mineral claims for Nu Crown Resources Inc. MEMPR Assessment Report 18025. 12 pages plus attachments.

Boronowski and Sebert ,2003: Recommendations for further Exploration on the Frasergold Property south central British Columbia. Unpublished report. 31 pages plus attachments.

Dawson J.M., 1982: Geological and Geochemical Report on the Kusk Claim Group for Roddy Resources Inc. and Nirvana Oil and gas Ltd. MEMPR Assessment Report 10786. 8 pages plus attachments.

Gruenwald, W. 1980 : Geochemical and Gerological report on the KAY#1 – Kay#9 Claims for Keron Holdings Ltd. MEMPR Assessment Report 8325. 14 pages plus attachments.

Hajek, J.H. 1988: 1987 Assessment Report, Geological and Geochemical Prospecting for Nirvana Industries Ltd. MEMPR Assessment Report 16987. 24 pages plus attachments

Laanela H., and Kokonis G., 1983: Geochemical – Geological Assessment Report on the KUSK #1 – 11 Claim Group for Nirvana Oil and Gas Ltd. MEMPR Assessment Report 11593. 28 pages plus attachments.

Panteleyev, A. et al. 1995: Geology and Mineral deposits of the Quesnel River – Horsefly Map area, Central Quesnel Trough, British Columbia. Ministry of Employment and Investment, Energy and Mineral Division. Bulletin 97.

Schatten, Myra G, 1991: Drilling Report on the Frasergold Property for Eureka Resources Inc.; and Asarco Exploration Co. of Canada, Limited. MEMPR Assessment Report 21819. 336 Pages plus attachments.

Statement Of QualificationS

I, J. E.L. (Leo) Lindinger, P.Geo, hereby do certify that:

I am a graduate of the University of Waterloo (1980) and hold a BSc. degree in honours Earth Sciences.

I live at 879 McQueen Drive, Kamloops, B.C. V2B-7X8

I have been practicing my profession as a mineral exploration and mine geologist continually for the past 24 years.

I am a registered member, in good standing as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of the Province of British Columbia since 1992.

I have exploration, mining experience, and knowledge of the mineral deposits types being explored for, exploration methods discussed and recommended in this report.

I have no interest, material or otherwise in the assets, or securities of Eureka Resources Inc. or any of the mineral tenures owned in whole or in part by Eureka Resources Inc., nor do I expect to receive any.

J.E.L.(Leo) Lindinger. P. Geo.
May 10, 2004

STATEMENT OF QUALIFICATIONS

I, Peter R. Bernier of Quesnel. B.C.

Hereby state,

I own and operate the contracting Company called SabreX Contracting Ltd.

I have been practicing as a mineral exploration contractor for 25 years.

I have managed, supervised and participated in the geochemical sampling program in September and October 2003 on the Frasergold property of Eureka Resource Ltd.

I have no interest, material or otherwise in the assets or securities of Eureka Resources Inc., or any of the mineral tenures owned, in whole or in part by Eureka Resources Inc., nor do I expect to receive any.

Peter Real Bernier
May 4, 2004

APPENDIX I - ROCK AND SOIL AND SILT GEOCHEMICAL RESULTS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Eureka Resources File # A304853

1000 - 355 Burrard St., Vancouver BC V6C 2G8 Submitted by: Jack O'Neill

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Au** ppb
SI	.2	1.2	.6	2	<.1	<.1	<.1	5	.03	.5	<.1	<.5	<.1	3	<.1	<.1	<.1	<1	.12	<.001	<1	2.5	.01	4	.001	2	.02	.526	.01	.1	<.01	.1	<.1	<.05	<1	<.5	<2
1991	27.3	11.9	13.0	10	1.0	1.6	.5	24	.89	18.6	.6	.6	5.1	4	.1	1.0	.1	29	<.01	.006	24	9.7	.02	182	.002	1	.28	.013	.17	.8	.03	.7	.3	<.05	1	4.9	<2
1992	33.9	30.6	36.2	34	.4	3.7	1.4	96	2.19	6.5	1.4	.5	5.0	10	.3	.8	.3	48	<.01	.047	20	10.6	.10	165	.003	1	.36	.010	.15	.3	.03	.7	.2	<.05	1	6.1	<2
3207	3.1	41.0	18.2	23	.3	49.6	2.8	24	.86	<.5	.1	1.0	.2	2	.1	.1	.3	1	.02	.009	1	12.4	.01	9	.001	<1	.03	.004	.01	3.0	.01	.2	<.1	.46	<1	4.4	<2
3216	.6	11.1	99.1	11	3.2	2.2	.4	39	.41	<.5	<.1	34.4	<.1	1	<.1	.1	4.6	1	<.01	.001	<1	5.3	<.01	9	<.001	1	.02	.003	.01	.1	<.01	.1	<.1	<.05	<1	3.2	5
3217	5.6	92.2	11.6	213	.8	93.2	22.3	2809	3.27	<.5	2.1	<.5	3.8	21	1.4	.1	.2	16	.24	.107	15	16.7	.55	212	.002	3	.69	.015	.16	.7	.01	1.8	.1	.14	2	4.5	4
3286	6.6	93.2	10.1	126	.4	33.2	12.3	609	3.81	.9	1.5	<.5	4.6	39	1.8	.1	.1	27	.48	.090	10	14.5	.68	43	.033	<1	1.31	.099	.08	.4	<.01	1.4	.2	1.31	3	6.2	<2
3796	2.4	6.8	.9	9	<.1	4.4	1.3	149	.64	<.5	.1	<.5	.3	1	.1	<.1	<.1	1	.01	.005	1	15.3	.01	10	.001	<1	.05	.003	.02	2.7	<.01	.3	<.1	<.05	<1	<.5	<2
SABREX PETE'S	.4	47.0	2.1	30	<.1	447.6	49.5	1441	4.46	139.0	.1	.6	.2	323	.1	3.0	<.1	56	7.75	.039	1	160.0	5.61	104	.001	12	.24	.010	.14	<.1	.91	17.4	<.1	<.05	1	<.5	<2
STANDARD DS5/AU-R	11.6	136.9	25.2	130	.3	24.3	11.7	746	2.86	18.5	5.7	42.0	2.2	47	5.4	3.4	5.8	58	.70	.090	11	178.8	.64	138	.093	16	2.09	.033	.13	4.5	.17	3.3	1.0	<.05	6	4.5	483

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK R150 60C AU** GROUP 3B - 30.00 GM SAMPLE ANALYSIS BY FA/ICP.

DATE RECEIVED: OCT 8 2003 DATE REPORT MAILED: Oct 24/2003 SIGNED BY ....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Eureka Resources File # A304852 Page 1
1000 - 355 Burrard St., Vancouver BC V6C 2G8 Submitted by: Jack O'Neill

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
G-1	1.7	2.7	2.6	40	<.1	4.2	4.1	528	1.98	.7	2.0	.7	4.6	89	<.1	<.1	.1	43	.58	.085	9	16.5	.56	243	.151	<1	1.00	.104	.46	2.7	<.01	2.3	.3	<.05	5	<.5	15.0
1647	5.3	40.6	6.2	63	.8	24.9	2.8	95	2.38	1.3	.5	2.5	.1	6	.2	.3	.2	28	.02	.081	7	10.5	.04	24	.005	<1	.37	.004	.02	.1	.05	.2	.1	<.05	4	2.9	15.0
1648	7.5	22.5	8.4	42	.4	12.3	4.1	644	1.88	1.7	.9	1.8	.1	8	.2	.2	.4	32	.02	.089	11	15.1	.13	40	.011	1	.88	.006	.03	.1	.04	.3	.1	<.05	6	.8	15.0
1649	34.3	103.8	19.8	242	1.0	112.7	22.2	684	5.63	1.1	2.8	13.1	3.2	8	.9	.4	.5	36	.05	.097	19	26.9	.40	63	.028	<1	1.52	.008	.05	.2	.06	1.7	.2	<.05	4	5.6	15.0
1650	5.2	17.7	10.5	45	1.0	15.9	2.4	114	2.07	1.4	.6	4.6	.2	4	.2	.1	.3	34	.02	.062	9	17.5	.14	31	.020	<1	.87	.005	.03	.1	.04	.4	.2	<.05	5	1.7	15.0
1883	13.0	71.1	14.2	209	.5	56.6	16.9	1006	3.63	2.0	2.1	5.7	1.3	9	.4	.3	.3	40	.03	.110	14	31.3	.59	76	.047	<1	1.61	.005	.10	.1	.04	1.4	.2	<.05	5	4.3	15.0
1884	5.1	29.9	10.0	71	.9	24.4	4.1	317	2.59	1.9	.7	1.7	.5	7	.2	.2	.3	43	.03	.061	9	25.1	.29	44	.063	<1	1.12	.004	.04	.1	.03	1.0	.3	<.05	6	1.8	15.0
1885	7.0	25.7	10.8	69	.3	21.7	3.7	207	2.32	2.3	1.1	.7	.2	7	.3	.2	.2	36	.03	.076	8	17.9	.17	37	.031	1	.74	.005	.04	.1	.04	.5	.3	.08	6	1.6	15.0
1886	8.7	69.3	15.3	89	.3	21.6	6.1	376	2.14	8.0	2.7	15.0	.8	23	2.3	1.5	2.2	47	.30	.075	10	82.8	.34	71	.058	6	1.08	.016	.07	1.9	.08	1.6	.6	<.05	5	3.1	15.0
1887	6.0	31.3	11.2	103	.5	33.4	7.5	1081	2.26	1.2	1.0	.8	.1	19	2.4	.2	.2	34	.22	.140	9	18.9	.27	106	.014	<1	.79	.006	.06	.1	.03	.3	.2	.08	4	4.4	15.0
1888	18.4	31.1	13.3	142	.2	28.8	8.2	534	3.30	2.9	1.4	.7	.1	15	1.8	.3	.3	54	.15	.099	8	21.3	.23	65	.024	<1	.76	.007	.04	.1	.02	.4	.3	.06	6	3.2	15.0
1889	12.0	20.5	9.0	86	.2	19.6	4.2	485	2.52	5.3	.8	<.5	.2	7	.3	.4	.2	39	.05	.066	8	16.8	.19	47	.033	<1	.68	.005	.04	.1	.03	.5	.3	<.05	6	1.5	15.0
1890	20.2	40.9	17.5	99	.3	22.0	4.1	329	4.08	18.5	1.3	.8	.2	9	.3	.7	.3	38	.04	.126	9	11.3	.07	57	.014	1	.51	.007	.04	.2	.03	.3	.5	.08	4	3.0	15.0
1891	39.7	91.8	28.5	342	1.2	63.6	40.1	1774	5.70	22.7	11.6	1.0	.6	13	2.6	1.1	.3	26	.20	.145	16	14.9	.35	46	.009	<1	1.25	.005	.05	.4	.06	.5	.5	.11	3	8.8	15.0
1892	22.4	66.4	19.2	215	.8	42.4	19.7	1212	4.99	20.2	3.9	1.2	.4	6	.6	.6	.3	28	.07	.131	8	26.0	.33	39	.016	<1	.85	.007	.05	.3	.05	.5	.3	.06	4	3.6	15.0
1893	19.7	89.2	21.5	410	.6	64.9	49.4	4687	5.37	9.3	5.7	<.5	.6	18	5.7	.4	.4	28	.29	.205	19	16.7	.47	164	.012	2	.97	.007	.09	.2	.04	.7	.5	.15	3	4.2	15.0
1894	11.1	44.1	13.3	265	.4	48.2	17.7	1603	2.99	4.4	2.4	29.9	1.9	13	3.4	.2	.2	33	.23	.077	17	27.9	.67	114	.040	1	1.14	.009	.12	.1	.03	1.3	.4	<.05	3	3.5	7.5
1895	3.9	28.4	12.8	96	.5	32.0	12.8	488	3.85	2.8	1.4	<.5	1.5	6	.5	.1	.3	49	.15	.076	16	48.4	.60	57	.065	1	1.84	.011	.12	.2	.07	1.7	.2	<.05	7	1.2	15.0
1896	3.2	19.3	6.5	140	.2	37.4	16.3	1052	2.47	.5	2.5	<.5	3.1	34	2.2	<.1	.1	48	.55	.088	26	44.1	.80	118	.085	1	1.59	.015	.18	.2	.04	2.5	.3	<.05	4	2.5	15.0
1897	7.9	21.2	11.0	113	.3	33.7	12.7	512	3.65	1.4	3.1	<.5	1.5	14	2.0	.1	.3	60	.16	.049	31	43.2	.55	74	.087	1	1.88	.011	.06	.3	.07	2.1	.2	<.05	7	2.7	15.0
1898	1.1	3.4	9.1	12	.1	3.1	1.4	74	.61	.8	.4	.6	.7	5	.1	.1	.3	39	.04	.015	10	10.1	.06	29	.115	1	.31	.006	.03	.1	.02	.5	.1	<.05	6	<.5	15.0
1899	2.3	14.3	14.8	35	.2	12.5	5.5	300	2.10	1.8	.5	.5	.9	11	.3	.1	.6	72	.12	.033	7	22.7	.20	106	.131	2	.57	.008	.08	.2	.03	1.2	.1	<.05	8	<.5	15.0
1900	2.5	11.5	11.8	38	.1	14.6	5.4	204	2.09	1.3	.6	<.5	.7	8	.1	<.1	.3	56	.07	.025	11	31.0	.43	68	.102	1	1.04	.009	.11	.1	.03	1.3	.1	<.05	8	<.5	15.0
RE 1964	8.0	40.7	10.0	129	2.9	35.5	8.8	278	2.51	4.6	1.1	4.8	2.3	6	.7	.1	.2	30	.04	.038	22	25.8	.38	105	.014	1	1.27	.005	.05	.1	.05	1.5	.1	<.05	4	1.9	15.0
1963	17.2	117.6	22.9	351	4.3	127.2	27.5	1089	5.33	6.8	6.1	12.4	5.0	9	2.1	.4	.4	36	.11	.097	28	42.1	.54	136	.021	1	2.01	.007	.13	.2	.14	3.5	.3	<.05	4	4.8	15.0
1964	7.8	39.3	10.0	126	2.9	35.5	9.2	275	2.53	4.2	1.1	6.5	2.3	5	.6	.2	.2	29	.04	.040	21	24.9	.38	102	.012	2	1.32	.005	.05	.1	.06	1.4	.1	<.05	4	1.7	15.0
1965	8.7	33.8	12.3	160	.5	39.5	11.6	790	3.49	5.4	1.2	5.9	3.3	13	.8	.2	.2	26	.20	.099	19	28.2	.53	103	.022	1	1.17	.007	.10	.1	.04	1.8	.1	<.05	4	1.9	15.0
1966	11.6	33.9	13.0	130	2.8	31.9	10.8	379	4.04	5.0	1.1	8.7	4.5	3	.4	.2	.2	20	.03	.075	14	20.8	.28	32	.012	1	1.37	.003	.02	.1	.12	1.2	.1	<.05	2	2.8	15.0
1967	12.4	44.9	10.4	149	1.3	46.5	11.7	377	4.10	4.6	1.4	16.8	5.4	6	.5	.3	.2	21	.09	.107	19	20.2	.34	29	.012	2	1.37	.003	.03	.1	.07	1.4	.1	<.05	2	4.1	15.0
1968	10.5	19.5	12.7	60	1.2	13.1	2.7	78	3.83	5.1	.6	4.7	3.6	3	.2	.2	.4	39	.02	.049	15	20.9	.18	45	.014	1	1.16	.003	.03	.2	.08	1.0	.1	<.05	6	2.0	15.0
1969	14.4	92.4	14.4	202	.6	66.4	21.7	776	2.95	1.1	2.3	4.7	5.7	4	2.0	.2	.3	18	.05	.071	22	14.5	.39	59	.012	1	.78	.004	.07	.1	.03	1.7	.2	<.05	2	3.5	15.0
1970	15.4	39.7	15.5	172	1.9	35.5	8.5	361	3.43	4.7	3.1	4.6	2.7	18	1.1	.2	.3	23	.30	.093	19	20.1	.42	56	.008	1	.89	.005	.05	.1	.04	1.5	.1	<.05	3	4.5	15.0
1971	21.2	81.5	20.6	312	1.4	86.3	20.8	1445	4.61	6.2	4.0	26.3	1.4	19	2.8	.4	.4	25	.24	.095	21	22.4	.35	125	.012	2	1.33	.006	.07	.1	.11	1.9	.1	<.05	4	3.5	15.0
1972	16.7	73.0	23.7	313	3.8	72.0	17.8	1693	5.12	9.9	5.2	12.8	1.0	27	4.4	.4	.4	29	.39	.141	20	27.0	.30	97	.014	1	1.87	.006	.05	.1	.18	2.2	.1	<.05	5	3.7	15.0
1973	15.9	33.4	14.7	112	1.2	26.8	7.0	690	4.28	6.6	1.0	10.9	.9	5	.7	.3	.3	27	.04	.135	12	22.1	.22	68	.007	1	1.12	.005	.04	.1	.15	.8	.1	<.05	4	3.4	15.0
STANDARD DS5	12.8	140.6	25.4	132	.3	24.5	12.0	803	3.07	18.5	6.1	41.1	2.7	49	5.6	3.9	6.0	62	.73	.099	13	188.3	.69	144	.106	19	2.11	.035	.13	5.0	.17	3.4	1.1	<.05	6	5.0	15.0

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C <u>Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.</u>

DATE RECEIVED: OCT 8 2003 **DATE REPORT MAILED:** Oct 24/2003 **SIGNED BY** ....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
G-1	1.6	2.8	2.5	43	<.1	5.0	4.2	538	2.00	.7	2.1	<.5	4.7	92	<.1	<.1	.1	41	.70	.077	11	16.3	.54	239	.153	1	1.01	.107	.54	2.5	<.01	2.7	.3	<.05	5	<.5	15.0
1974	15.5	33.9	13.5	124	.4	32.4	7.8	900	3.08	6.7	.8	2.9	.5	6	.5	.3	.4	32	.05	.124	17	16.4	.14	62	.008	<1	.53	.004	.05	.1	.04	.5	.1	<.05	4	2.8	15.0
1975	5.5	23.5	9.7	100	.8	21.5	3.7	157	1.78	<.5	12.2	2.6	1.6	61	1.0	.1	.2	16	.96	.094	13	18.3	.45	71	.010	2	.73	.006	.04	.1	.04	1.3	.1	.11	2	29.1	15.0
1976	18.4	92.2	19.4	297	.9	87.9	24.1	1322	4.99	8.3	6.6	7.3	7.4	8	2.9	.4	.4	24	.12	.118	40	21.6	.48	59	.009	<1	1.12	.004	.05	.1	.04	3.5	.1	<.05	2	3.8	7.5
1977	16.1	82.8	20.2	331	1.0	79.6	20.0	949	5.05	10.5	6.1	7.6	3.9	16	4.1	.3	.5	28	.19	.123	31	26.3	.47	79	.007	<1	1.14	.006	.05	.1	.05	2.5	.1	<.05	3	4.3	15.0
1978	17.0	79.2	20.2	279	.6	74.8	24.6	1471	5.41	10.3	5.9	6.2	3.9	13	3.0	.4	.5	26	.16	.116	32	24.2	.45	62	.007	<1	1.06	.006	.04	.1	.04	2.2	.1	<.05	3	5.5	15.0
1979	20.5	43.8	19.4	185	4.8	33.3	17.1	1836	8.63	5.3	1.2	.8	1.1	6	1.1	.3	.4	62	.05	.194	10	28.6	.32	80	.035	<1	1.24	.006	.04	.1	.11	1.3	.2	<.05	8	5.0	15.0
1980	9.1	24.9	15.7	159	.6	44.2	15.6	856	4.62	1.2	.7	38.2	1.9	7	1.0	.2	.5	35	.09	.080	13	24.4	.48	77	.050	<1	.90	.003	.12	<.1	.06	.8	.2	<.05	5	4.7	15.0
1981	24.8	62.8	23.8	216	1.4	60.3	16.9	1104	7.28	2.8	1.3	3.3	1.9	3	1.4	.3	.5	51	.03	.274	10	35.8	.42	65	.035	<1	1.13	.004	.05	.1	.12	1.0	.2	<.05	6	7.4	15.0
1982	38.4	60.0	15.5	218	1.2	51.2	9.8	427	4.85	3.7	1.7	2.6	3.6	6	.7	.3	.3	30	.07	.143	15	30.4	.53	75	.014	<1	1.47	.005	.06	.2	.11	1.4	.2	<.05	3	5.4	15.0
1983	17.6	77.4	14.8	349	2.9	110.9	14.9	724	4.50	<.5	6.3	4.7	.8	37	2.8	.2	.3	30	.48	.079	12	25.6	.42	59	.018	<1	1.28	.004	.05	<.1	.12	.9	.2	<.05	3	9.2	15.0
1984	24.2	79.6	10.8	335	3.5	114.8	12.7	1342	2.90	<.5	19.7	4.0	.7	40	6.5	.4	.3	20	.70	.090	11	19.7	.47	75	.013	2	.77	.006	.07	.1	.08	.8	.2	<.05	2	7.9	7.5
1985	31.1	32.6	26.3	142	.6	55.2	7.2	426	5.13	<.5	1.5	<.5	1.1	5	.4	.2	.5	43	.04	.344	11	9.8	.07	31	.019	1	.40	.003	.02	.1	.07	.4	.2	<.05	3	9.0	15.0
1986	15.9	74.8	22.5	193	.8	88.1	16.2	1009	6.43	<.5	1.8	3.2	1.2	4	.7	.3	.4	31	.06	.380	12	25.8	.44	47	.021	1	.87	.004	.05	.1	.07	.8	.2	<.05	3	11.2	15.0
1987	5.5	95.2	11.7	202	2.3	79.1	14.4	890	3.89	<.5	1.7	15.7	5.9	3	1.0	.2	.4	32	.06	.055	29	33.1	.66	68	.049	<1	1.20	.003	.13	<.1	.06	1.4	.3	<.05	4	6.1	15.0
1988	13.5	55.6	16.2	142	1.4	50.8	7.8	502	5.00	<.5	1.2	1.9	1.1	6	.6	.2	.3	27	.02	.060	15	21.3	.30	59	.017	<1	1.20	.006	.05	.1	.08	.7	.2	<.05	4	7.2	15.0
1989	15.6	72.7	17.6	164	3.4	65.7	7.8	455	3.41	<.5	1.9	4.0	.8	6	.6	.2	.4	34	.02	.126	14	18.8	.12	38	.025	<1	1.27	.004	.03	.1	.08	.7	.2	<.05	3	9.3	15.0
1990	29.2	153.1	29.7	318	.5	100.0	24.6	1396	5.63	16.5	6.3	4.0	8.7	19	3.4	.9	.4	38	.05	.120	29	21.6	.52	123	.033	<1	1.16	.011	.13	.3	.04	2.8	.4	<.05	3	5.3	15.0
RE 1995	7.0	30.0	8.7	90	.8	30.7	6.4	355	2.55	1.1	.7	.6	1.0	6	.4	.1	.3	28	.05	.068	17	16.9	.19	39	.009	1	.92	.004	.03	.1	.04	1.0	.1	<.05	5	1.5	15.0
1993	3.8	33.3	17.3	132	.3	194.9	32.0	909	8.61	43.3	.3	<.5	2.5	11	.6	.2	.2	98	.13	.141	15	310.5	2.06	42	.020	1	2.86	.004	.03	.1	.03	9.4	.1	<.05	10	.6	15.0
1994	4.8	19.0	9.7	48	1.2	16.7	6.2	374	2.34	1.0	.5	<.5	1.0	6	.3	.1	.2	30	.09	.047	21	12.0	.09	54	.008	<1	.69	.004	.03	.1	.04	1.1	.1	<.05	4	.5	15.0
1995	7.0	30.4	9.4	96	.9	33.1	6.9	382	2.73	1.3	.8	.6	1.1	6	.4	.1	.4	30	.05	.072	18	18.8	.20	40	.009	<1	.98	.005	.03	.1	.05	1.0	.1	<.05	5	1.5	15.0
1996	2.7	10.2	3.7	60	.5	10.3	3.0	426	1.10	.5	.3	<.5	.2	3	.2	.1	.2	23	.05	.034	10	7.0	.06	41	.004	1	.64	.005	.07	<.1	.01	.4	.1	<.05	5	<.5	15.0
1997	9.7	33.7	5.2	92	.4	26.2	3.1	125	1.15	<.5	.4	<.5	.9	4	.2	.2	.2	33	.05	.022	22	6.0	.03	31	.007	2	.19	.003	.02	.1	.01	.4	.1	<.05	3	2.4	15.0
1998	4.9	19.2	8.9	60	.4	15.0	3.9	334	1.55	1.3	.7	<.5	1.0	7	.2	.1	.2	30	.06	.035	24	10.9	.08	46	.015	2	.41	.005	.03	.1	.02	.6	.1	<.05	5	.8	15.0
1999	5.3	28.6	9.2	65	2.1	25.6	6.0	145	3.43	2.9	.5	.7	2.0	6	.3	.2	.3	46	.05	.073	21	47.2	.34	41	.013	1	2.04	.005	.02	.1	.11	1.7	.1	<.05	7	1.3	15.0
2000	1.1	7.6	3.9	29	.1	6.2	2.0	130	.78	.6	.3	<.5	.1	9	.3	.1	.1	19	.12	.022	18	9.3	.05	47	.008	2	.41	.004	.02	<.1	.02	.3	.1	<.05	4	<.5	15.0
2586	14.2	70.7	15.3	243	.8	50.9	16.3	1648	4.03	1.1	7.4	.5	1.0	13	3.4	.1	.4	53	.18	.068	68	50.1	.68	118	.042	<1	2.12	.011	.17	.1	.05	2.2	.4	<.05	7	2.9	15.0
2587	.8	13.5	6.2	26	.1	6.2	2.1	52	.90	1.1	.5	<.5	.6	14	.6	.1	.2	28	.17	.023	10	10.0	.05	71	.027	1	.40	.004	.03	.1	.03	.8	.1	<.05	4	<.5	15.0
2588	3.1	32.6	15.3	214	.2	44.6	20.9	495	4.12	3.7	2.2	<.5	3.9	22	.5	.1	.5	63	.43	.065	37	44.5	.63	113	.120	1	2.01	.009	.26	.2	.02	2.7	.3	<.05	10	.9	15.0
2589	.6	8.0	4.9	37	<.1	11.4	4.3	153	1.32	.9	.6	.5	2.6	5	.1	<.1	.2	23	.07	.026	13	21.7	.34	37	.046	<1	.72	.006	.10	.1	.01	1.3	.1	<.05	4	<.5	15.0
2590	1.3	35.3	8.4	102	.3	52.4	10.8	272	2.25	1.8	2.5	<.5	7.6	15	.3	<.1	.2	31	.19	.028	53	30.7	.61	97	.060	<1	1.77	.010	.18	.1	.02	3.0	.3	<.05	4	.6	15.0
2591	2.4	15.6	9.8	91	.1	29.8	10.1	135	2.85	1.8	.5	<.5	3.2	9	.3	.1	.3	50	.12	.018	9	31.4	.57	68	.068	1	1.66	.008	.11	.2	.01	2.1	.2	<.05	6	<.5	15.0
2592	4.1	27.0	9.6	94	.2	31.3	9.3	157	2.94	2.6	1.1	.7	2.1	10	.8	.1	.4	43	.07	.043	18	31.4	.58	69	.043	1	1.71	.007	.13	.2	.06	1.9	.3	<.05	6	1.0	15.0
2593	2.8	26.9	7.0	132	.1	44.7	14.4	589	3.06	1.3	2.1	1.4	6.9	28	1.1	.1	.3	43	.39	.063	26	39.5	.96	85	.085	1	1.78	.018	.32	3.9	.01	3.6	.4	<.05	5	1.5	7.5
STANDARD DS5	12.4	137.4	25.2	138	.2	23.6	11.8	737	2.87	18.8	6.2	42.5	2.9	48	5.8	4.0	6.3	61	.73	.090	13	178.1	.66	139	.099	18	2.11	.034	.14	5.1	.16	3.4	1.1	<.05	7	4.9	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
2594	3.7	38.3	12.7	97	.5	54.0	17.7	181	3.59	6.0	1.7	1.0	10.2	17	.7	.1	.4	43	.19	.058	19	37.5	.68	51	.056	1	2.79	.009	.12	.3	.09	2.8	.3	<.05	6	1.8	15.0
2595	5.5	27.9	17.3	220	.4	27.1	17.1	714	3.91	4.5	1.3	<.5	4.6	22	1.0	.1	.5	55	.24	.053	12	38.4	.53	87	.102	2	1.73	.008	.12	.2	.07	2.2	.2	<.05	10	1.0	15.0
2596	11.3	37.7	9.7	55	1.0	25.6	7.4	335	2.35	1.8	4.0	.5	1.4	35	.9	.1	.3	36	.48	.042	39	19.3	.22	55	.041	<1	.97	.009	.09	.2	.07	1.4	.1	<.05	5	1.9	15.0
2597	18.5	27.2	11.0	180	.3	45.9	21.3	1861	4.21	2.0	10.1	<.5	3.8	64	1.0	.1	.4	50	.88	.081	28	39.2	.71	156	.072	<1	2.00	.014	.28	.2	.06	3.3	.3	.06	7	4.1	15.0
2598	2.1	26.8	8.7	111	.7	34.0	23.6	1287	1.93	1.2	5.0	<.5	1.7	85	1.3	<.1	.2	30	1.14	.068	111	25.8	.45	106	.039	2	1.88	.014	.15	.2	.11	2.1	.3	<.05	4	3.0	15.0
2599	2.9	60.9	12.3	140	.4	134.5	22.8	315	3.83	2.3	2.5	1.1	11.9	21	.6	.1	.5	47	.26	.058	35	47.1	.93	178	.086	1	2.84	.013	.50	.2	.05	3.5	.5	<.05	8	1.0	15.0
2646	11.1	53.7	11.2	266	.6	85.3	20.0	1565	4.05	1.4	2.4	.9	4.4	17	3.2	.1	.3	28	.24	.072	21	31.8	.63	127	.036	1	1.13	.009	.13	.1	.02	1.7	.2	<.05	4	3.1	7.5
2647	7.3	35.5	11.7	144	.3	43.2	8.2	213	3.74	2.2	1.5	<.5	2.2	7	.4	.1	.4	48	.11	.046	18	44.2	.67	86	.057	1	1.44	.008	.16	.1	.05	1.8	.2	<.05	6	2.0	15.0
2648	2.4	25.8	7.9	69	.3	21.5	5.4	225	1.59	1.0	1.5	<.5	.1	11	.8	<.1	.3	30	.17	.061	19	26.0	.36	94	.011	<1	.87	.009	.11	.1	.03	.3	.1	<.05	5	.9	15.0
2649	7.7	96.8	18.9	93	.8	35.3	6.3	212	2.58	1.8	3.9	.7	1.8	7	1.5	.1	.4	39	.08	.059	29	23.4	.33	85	.049	1	1.12	.007	.10	.2	.06	1.4	.1	<.05	6	1.4	15.0
2650	12.9	35.4	18.9	186	1.0	35.9	29.1	1345	3.08	1.2	3.0	<.5	1.7	18	6.2	.1	.5	45	.37	.046	53	22.4	.21	75	.035	1	1.48	.007	.04	.2	.08	1.9	.2	<.05	7	2.3	15.0
2651	5.0	40.3	10.5	134	1.2	45.7	9.9	315	1.91	1.1	2.9	<.5	.7	29	2.6	.1	.2	30	.59	.083	55	32.6	.50	122	.027	2	1.46	.011	.16	.1	.10	1.5	.2	.15	4	4.0	7.5
2652	3.6	21.5	8.0	164	.2	42.7	25.0	1496	3.01	1.1	2.2	<.5	3.7	37	2.4	<.1	.2	43	.70	.083	28	40.3	.75	124	.081	1	1.46	.014	.22	.3	.03	2.7	.3	.06	5	3.0	15.0
2653	1.8	26.4	12.3	64	.2	31.2	30.7	868	2.71	1.7	2.5	<.5	1.2	23	.3	.1	.3	38	.33	.075	32	37.9	.53	90	.042	<1	2.43	.009	.16	.1	.08	1.5	.2	<.05	6	1.0	15.0
2654	5.7	20.2	8.2	142	.1	39.9	30.8	1506	2.98	1.3	2.3	<.5	3.6	21	1.4	<.1	.2	45	.36	.079	27	42.2	.74	104	.080	1	1.53	.014	.17	.3	.04	2.6	.3	<.05	5	2.8	15.0
2655	4.2	20.7	7.5	158	.1	46.1	21.7	1123	2.95	1.2	2.2	<.5	4.5	27	1.8	.1	.2	45	.51	.077	25	44.3	.87	115	.104	1	1.69	.016	.24	.2	.03	3.3	.3	<.05	5	2.4	7.5
2656	4.2	23.6	8.0	136	.3	38.0	16.1	274	2.29	.8	2.8	<.5	2.1	18	1.6	<.1	.2	51	.26	.079	33	48.0	.79	92	.073	1	1.77	.015	.11	.2	.04	2.4	.2	<.05	5	2.2	15.0
2657	1.4	29.3	8.2	69	.2	40.0	13.9	426	2.25	.8	2.0	1.2	2.9	35	.3	<.1	.2	34	.53	.070	39	37.4	.66	133	.057	1	1.45	.010	.20	.1	.06	2.1	.3	<.05	4	1.8	15.0
2658	2.8	22.7	6.9	113	.2	39.9	18.2	756	2.48	1.4	2.2	<.5	3.0	31	.8	<.1	.2	40	.48	.097	27	35.6	.62	107	.072	1	1.37	.019	.16	.4	.03	2.3	.2	<.05	5	1.9	15.0
2659	4.4	14.9	9.4	82	.3	24.1	13.1	430	2.39	1.6	1.7	.5	1.3	25	.5	.1	.2	52	.33	.068	22	41.0	.61	77	.079	1	1.44	.014	.12	.2	.08	2.1	.2	<.05	5	2.0	15.0
2660	1.0	42.2	9.4	84	.2	64.7	18.6	442	3.44	2.4	5.6	<.5	3.8	28	.5	<.1	.4	43	.33	.092	213	47.6	.71	120	.087	1	1.88	.014	.21	.3	.06	3.1	.3	<.05	6	1.3	15.0
RE 2661	1.7	38.1	7.4	83	.2	48.0	22.8	612	3.08	1.9	5.1	<.5	3.5	34	1.0	<.1	.2	49	.46	.086	79	59.7	.83	111	.109	1	2.33	.017	.19	.3	.06	3.2	.3	.06	6	3.0	15.0
2661	1.9	37.1	7.5	85	.2	51.6	22.9	634	3.19	1.5	5.0	.6	3.7	32	.9	<.1	.2	51	.46	.107	75	61.3	.85	116	.103	<1	2.32	.021	.18	.3	.06	3.4	.3	<.05	5	2.7	15.0
2662	1.7	33.5	7.6	90	.3	46.8	18.2	623	2.58	1.5	4.4	1.5	3.4	74	1.1	<.1	.2	44	.92	.103	66	50.7	.75	182	.090	2	1.94	.021	.20	.2	.07	3.1	.3	<.05	5	2.8	15.0
2663	1.6	20.5	10.1	36	.2	24.3	9.5	782	2.96	1.1	.6	.6	1.6	11	.3	.1	.3	58	.14	.043	9	41.7	.40	185	.121	<1	.97	.011	.11	.2	.12	1.5	.2	<.05	6	<.5	15.0
2664	1.5	23.9	13.6	62	.1	22.2	10.0	816	3.14	1.5	.8	<.5	1.2	8	.5	.1	.4	47	.09	.073	10	36.1	.46	110	.066	1	1.09	.008	.15	.2	.08	1.4	.2	.06	7	.7	15.0
2665	2.5	17.2	6.2	111	.2	36.6	14.3	589	2.22	1.7	1.6	<.5	3.9	33	.6	<.1	.1	43	.41	.093	18	38.0	.73	94	.089	<1	1.42	.022	.20	.3	.02	2.7	.2	.07	5	1.6	7.5
2666	3.5	21.8	8.4	90	.5	28.3	16.2	469	2.71	2.0	2.3	<.5	2.1	22	.4	<.1	.2	49	.25	.085	38	40.0	.63	77	.086	1	1.85	.015	.14	.2	.05	2.5	.2	<.05	6	1.4	15.0
2667	3.8	22.0	10.0	68	.2	26.4	7.1	171	2.89	1.2	1.5	<.5	1.6	17	.7	.1	.3	54	.17	.046	10	42.4	.39	60	.109	1	1.05	.009	.07	.4	.07	1.7	.1	<.05	7	1.4	15.0
2668	3.4	34.0	7.0	107	.2	48.7	15.1	486	2.89	<.5	2.9	<.5	4.4	41	1.4	<.1	.3	40	.65	.110	39	49.2	.87	110	.090	1	1.54	.023	.23	.2	.03	2.4	.3	<.05	5	2.8	7.5
2669	2.9	33.3	10.2	74	.4	29.3	14.3	530	2.66	1.1	3.0	<.5	1.0	23	.3	.1	.5	53	.39	.071	51	41.4	.55	110	.090	1	1.31	.013	.18	.1	.07	1.8	.2	<.05	7	.6	15.0
2670	3.6	82.4	10.7	86	1.1	54.0	17.1	637	2.84	2.5	14.8	.6	.9	24	.6	.1	.5	52	.30	.148	213	52.2	.72	137	.031	1	2.65	.016	.26	.1	.12	1.6	.5	.09	7	1.8	15.0
2671	2.9	17.5	6.6	107	.2	34.7	14.0	549	2.34	1.3	1.9	<.5	3.8	34	.6	<.1	.2	48	.40	.096	24	39.7	.80	98	.094	1	1.71	.027	.18	.3	.02	2.5	.2	<.05	4	1.6	15.0
2672	.7	25.1	7.5	71	.1	35.6	13.4	345	2.30	1.4	1.8	2.8	6.9	24	.3	.1	.2	33	.50	.081	38	35.4	.73	179	.068	1	1.33	.013	.33	.3	.02	2.7	.3	<.05	4	.7	15.0
STANDARD DS5	13.0	144.6	26.1	137	.3	25.0	12.5	814	3.02	19.6	6.1	45.8	2.9	50	5.5	3.9	6.4	59	.72	.101	13	189.8	.66	136	.104	18	2.00	.035	.14	4.9	.16	3.4	1.1	<.05	7	5.1	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm
G-1	1.6	2.7	2.7	41	<.1	4.8	4.2	586	2.08	.6	2.1	<.5	4.5	95	<.1	<.1	.1	43
2673	1.1	24.0	7.8	55	.2	26.4	9.1	223	2.33	1.4	1.5	.5	4.0	8	.2	<.1	.3	34
2674	2.2	19.1	7 6	103	.2	34.2	14.3	606	2.33	1.6	2.3	1.0	3.7	34	.7	<.1	.2	40
2675	2.4	22.1	9 7	80	.2	29.0	15.9	527	2.37	1.7	2.1	.6	2.0	30	.6	.1	.2	45
2676	3.2	30.7	10 2	57	.6	31.9	11.3	389	3.15	1.1	3.3	1.3	1.9	37	.5	.1	.3	54
2677	2.1	28.3	8 2	115	.2	45.6	16.0	542	3.28	1.2	2.2	1.6	7.2	44	.6	<.1	.2	56
2678	9.5	43.6	12 2	180	.2	52.9	11.1	322	4.55	1.8	1.8	1.6	4.9	5	.5	.1	.3	35
2679	11.9	69.8	13.2	266	1.3	82.1	26.4	1315	4.84	1.5	2.7	12.4	2.8	10	.8	.1	.4	60
2696	17.6	36.3	12.9	116	.9	29.2	5.3	230	3.91	1.6	2.3	1.2	3.0	17	1.2	.3	.5	173
2698	11.5	16.2	14.3	70	.4	14.0	5.1	209	3.23	3.9	.6	.5	2.8	6	.8	.1	.4	61
2949	11.4	35.7	15.5	126	.6	30.5	7.7	403	4.99	4.4	1.0	<.5	1.7	13	.6	.2	.3	65
3201	11.5	56.4	11.8	329	.6	77.5	13.5	1351	3.24	1.9	3.5	1.0	3.4	12	3.6	.2	.2	25
3202	22.2	78.3	19.1	358	1.6	68.9	18.3	1837	4.46	3.6	8.5	7.3	1.6	17	3.0	.3	.3	34
3203	15.9	81.6	17.4	279	1.2	81.8	20.4	964	5.00	8.3	5.0	28.2	4.2	21	3.2	.3	.4	22
3204	36.1	52.5	13.1	269	1.5	123.0	28.8	3222	4.69	3.3	10.7	3.2	1.8	28	13.0	.3	.3	20
3205	19.1	84.9	21.2	307	1.0	77.8	26.3	1654	5.79	9.0	5.4	26.8	3.2	21	4.2	.3	.5	28
3206	17.4	85.1	17.7	274	1.3	89.2	19.2	937	4.80	10.7	3.2	5.1	4.2	15	3.3	.3	.4	27
3207	16.2	78.7	15.4	254	1.0	82.2	22.3	1159	5.15	8.9	4.0	11.2	4.3	23	3.8	.3	.3	21
3208	20.8	78.7	17.1	268	1.3	89.5	22.6	911	5.01	6.3	3.1	342.7	5.0	17	3.5	.4	.4	21
3209	42.3	109.6	27.3	388	1.2	142.5	39.9	1702	6.92	.9	5.2	5.4	4.8	13	7.7	.6	.6	30
3210	14.6	77.8	19.8	270	1.1	78.1	21.3	1214	4.88	10.9	5.0	29.2	3.2	31	3.7	.3	.4	25
RE 3210	14.1	82.2	21.1	277	1.1	79.8	21.2	1216	4.97	11.4	4.9	11.9	3.0	29	3.9	.3	.4	25
3211	16.0	89.9	20.9	292	1.9	75.5	24.7	1470	5.03	8.8	6.1	10.7	3.8	9	3.2	.3	.4	23
3212	14.3	74.3	16.2	268	.8	78.7	20.2	1013	4.62	7.6	2.9	3.9	5.0	18	3.7	.3	.4	22
3213	15.3	64.0	20.9	220	.8	59.5	20.9	857	4.88	7.7	2.3	8.6	4.2	12	2.6	.3	.5	21
3214	11.6	69.8	16.9	235	1.1	67.4	18.5	1015	4.10	9.2	2.9	7.4	3.3	29	3.3	.4	.4	24
3215	14.8	68.2	18.6	241	.8	58.1	24.7	1390	4.82	8.1	3.7	5.0	2.9	10	1.3	.3	.4	25
3216	15.9	43.1	19.2	186	.5	43.8	12.3	511	4.24	7.3	1.7	4.4	2.6	9	1.1	.3	.5	27
3218	13.7	116.4	20.1	400	1.5	118.1	16.8	1126	3.87	<.5	2.2	5.5	1.9	33	6.8	.3	.4	11
3219	12.1	94.8	22.8	223	1.6	79.6	18.9	1046	3.93	.5	1.9	13.7	2.7	7	2.4	.4	.5	12
3220	15.5	52.1	25.5	227	4.1	53.0	22.2	1030	4.59	2.1	6.1	5.3	.6	62	5.2	.3	.4	22
3221	5.5	62.4	12.7	205	1.0	80.1	12.2	624	2.55	<.5	3.2	5.7	1.4	67	3.8	.3	.2	14
3222	15.3	74.7	13.9	231	.9	83.8	21.0	616	4.74	<.5	2.8	<.5	7.4	49	2.4	.2	.3	30
3223	21.5	154.0	29.3	418	2.0	127.2	42.3	1098	5.90	<.5	2.9	23.2	4.7	29	5.0	.5	.6	18
3224	12.4	68.7	18.3	239	.8	58.0	17.5	572	3.70	4.2	2.2	10.8	3.3	13	2.4	.3	.4	24
STANDARD DS5	12.5	137.3	25.3	131	.3	24.5	12.0	770	3.04	19.2	6.2	42.4	2.9	50	5.7	4.0	6.4	60

SAMPLE#	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
G-1	.73	.074	11	16.9	.60	243	.152	<1	1.11	.113	.58	2.6	<.01	2.6	.3	<.05	5	<.5	15.0
2673	.17	.062	53	34.3	.67	118	.064	<1	1.50	.009	.27	.2	.04	2.3	.2	<.05	5	.5	15.0
2674	.52	.086	26	34.3	.60	91	.068	<1	1.49	.019	.18	.5	.04	2.6	.2	<.05	4	2.2	15.0
2675	.45	.067	38	36.5	.60	103	.071	<1	1.58	.014	.16	.5	.07	2.2	.2	.06	5	1.5	15.0
2676	.47	.057	23	47.9	.64	128	.055	<1	1.68	.012	.25	.2	.04	2.1	.2	<.05	7	1.1	15.0
2677	.61	.074	28	52.9	1.06	132	.107	<1	2.09	.023	.45	.1	.02	3.7	.4	<.05	7	1.3	7.5
2678	.07	.079	19	39.2	.54	82	.045	<1	2.08	.007	.13	.1	.05	2.0	.2	<.05	5	2.7	15.0
2679	.09	.054	16	67.2	.98	232	.063	<1	2.90	.010	.45	.1	.09	3.0	.4	<.05	9	3.6	15.0
2696	.14	.101	11	45.5	.35	105	.055	<1	3.83	.007	.08	.5	.18	3.2	.4	.06	12	2.7	15.0
2698	.06	.024	10	17.1	.19	68	.073	<1	.70	.004	.06	.2	.02	1.0	.2	<.05	8	.9	15.0
2949	.12	.051	11	37.2	.55	84	.048	<1	1.44	.008	.11	.2	.07	1.6	.2	<.05	8	1.7	15.0
3201	.25	.069	19	19.1	.57	89	.025	<1	.75	.006	.08	.1	.02	1.2	.3	<.05	2	4.5	7.5
3202	.36	.102	33	23.6	.60	96	.017	<1	1.21	.006	.06	.1	.08	1.3	.3	.07	3	4.1	15.0
3203	.33	.092	26	23.3	.53	49	.007	<1	.94	.005	.04	.1	.03	2.4	.1	<.05	3	5.3	15.0
3204	.42	.092	20	18.7	.43	121	.008	1	.82	.006	.05	.1	.05	1.4	.2	<.05	2	4.7	7.5
3205	.27	.111	35	26.3	.48	71	.007	1	1.15	.007	.05	.1	.05	2.5	.1	<.05	3	5.6	15.0
3206	.20	.085	25	29.5	.55	54	.012	1	.93	.007	.06	.1	.03	2.8	.1	<.05	3	6.2	15.0
3207	.33	.091	21	23.7	.57	51	.008	<1	.89	.006	.04	.1	.02	2.4	.1	.07	2	5.2	7.5
3208	.25	.087	25	21.0	.46	44	.008	<1	.82	.005	.05	.1	.02	2.6	.1	.08	2	6.5	15.0
3209	.16	.112	47	19.4	.35	66	.005	<1	1.01	.007	.05	.1	.05	3.1	.1	<.05	3	8.7	15.0
3210	.43	.107	28	23.9	.52	65	.008	1	.98	.006	.06	.1	.03	2.3	.1	<.05	3	5.4	15.0
RE 3210	.42	.108	25	24.5	.55	61	.007	1	.99	.005	.06	.1	.03	2.2	.1	<.05	3	5.0	15.0
3211	.11	.135	27	19.5	.43	49	.005	<1	1.05	.007	.05	.1	.06	2.8	.1	<.05	3	4.2	15.0
3212	.34	.082	21	22.8	.54	46	.008	<1	.87	.004	.04	.1	.01	2.3	.1	.06	3	5.1	7.5
3213	.19	.099	21	20.3	.44	53	.006	1	.81	.005	.04	.1	.05	2.2	.1	.06	2	8.0	15.0
3214	.66	.086	24	27.4	.62	51	.010	1	.85	.005	.04	.1	.03	2.3	.1	<.05	2	6.6	15.0
3215	.13	.121	25	23.1	.41	55	.006	1	.96	.005	.05	.1	.05	1.8	.1	<.05	3	6.2	15.0
3216	.10	.082	19	19.3	.36	52	.005	1	.83	.006	.05	.1	.04	1.5	.1	<.05	3	4.5	15.0
3218	.58	.081	6	10.8	.50	59	.003	2	.43	.004	.03	.1	.01	1.8	<.1	.09	1	9.1	1.0
3219	.09	.078	11	12.6	.36	58	.003	1	.57	.004	.04	.1	.03	1.5	<.1	<.05	1	9.9	7.5
3220	.84	.109	18	15.5	.32	49	.007	2	1.18	.007	.04	.1	.11	1.2	.1	.06	3	7.0	15.0
3221	1.40	.121	13	14.1	.39	56	.005	2	.66	.008	.05	.1	.07	1.2	.1	.11	2	10.9	15.0
3222	1.43	.091	23	20.0	1.00	98	.004	1	1.22	.014	.12	.1	<.01	2.5	.1	.91	3	8.3	15.0
3223	.40	.112	23	16.2	.54	35	.002	2	.99	.005	.04	1.0	.02	2.7	.1	<.05	3	5.3	15.0
3224	.15	.107	26	17.5	.41	74	.006	1	1.04	.006	.06	.1	.04	2.0	.1	<.05	3	3.8	15.0
STANDARD DS5	.78	.084	13	183.7	.68	137	.098	18	2.10	.035	.16	4.6	.18	3.4	1.1	<.05	7	5.1	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
G-1	1.7	2.4	2.6	45	<.1	4.5	4.3	533	2.10	.5	2.1	<.5	4.7	97	<.1	<.1	.1	37	.60	.087	10	14.9	.54	228	.144	1	1.14	.107	.46	2.6	<.01	2.4	.3	<.05	5	<.5	15.0
3225	21.0	111.6	35.3	365	.9	95.6	36.4	1842	8.66	6.6	4.7	9.6	5.2	24	3.3	.4	.7	25	.21	.221	39	28.9	.26	102	.009	1	2.33	.008	.07	.2	.20	2.6	.1	<.05	4	6.7	15.0
3226	11.9	57.1	22.6	238	.5	46.2	15.2	675	4.91	11.8	2.5	9.5	.7	13	1.5	.5	.5	25	.12	.190	16	14.1	.19	59	.005	<1	.97	.005	.05	.1	.08	.9	.1	<.05	4	3.5	15.0
3227	9.9	82.0	20.4	292	1.4	80.5	30.3	948	5.59	10.0	2.2	32.8	3.0	32	3.9	.4	.5	18	.45	.137	20	13.6	.41	60	.004	<1	1.04	.005	.03	.1	.04	2.2	.1	<.05	2	5.6	15.0
3228	15.5	122.2	23.2	396	.8	95.0	36.8	1879	6.45	13.1	3.7	10.1	2.4	26	5.5	.5	.5	21	.40	.137	20	15.8	.37	67	.005	<1	1.15	.005	.03	.1	.07	2.7	.1	<.05	3	4.9	15.0
3229	5.6	8.8	2.2	33	.5	8.6	3.0	74	1.09	1.5	.2	2.7	.8	5	.4	.1	.1	14	.04	.019	14	4.7	.02	28	.004	<1	.11	.006	.01	.1	.02	.5	<.1	<.05	1	.8	15.0
3230	11.6	62.7	16.2	244	1.5	64.3	19.6	986	4.74	3.1	2.8	9.1	2.2	27	3.6	.2	.4	18	.40	.113	19	14.6	.34	61	.004	1	1.04	.007	.03	.1	.06	2.1	.1	<.05	2	4.5	15.0
3231	18.6	64.8	37.7	213	1.1	72.1	40.8	1144	10.80	6.2	1.8	2.9	3.2	4	.7	.3	.7	33	.02	.117	14	21.8	.13	32	.009	<1	1.06	.004	.02	.1	.13	1.1	.1	.07	5	6.7	15.0
3232	9.4	50.4	13.1	243	.6	60.8	19.0	894	4.64	2.6	1.4	2.9	2.2	27	4.0	.2	.3	17	.40	.099	15	13.0	.30	49	.004	<1	.83	.006	.02	.1	.04	1.7	.1	<.05	2	3.9	7.5
3233	9.4	47.3	17.2	169	.6	33.9	13.6	787	3.87	10.1	2.3	<.5	.9	8	.6	.2	.3	37	.12	.096	11	34.0	.48	84	.032	<1	1.27	.007	.14	.2	.05	1.1	.2	.07	5	1.7	15.0
3234	7.6	45.0	16.5	135	.3	31.3	20.5	3897	3.08	2.9	3.1	<.5	.2	19	3.6	.2	.4	32	.21	.109	22	22.4	.30	154	.014	<1	.85	.008	.06	.1	.09	.7	.3	.10	5	1.6	15.0
3235	4.6	21.6	12.4	51	.2	13.2	7.2	768	1.85	2.5	.7	<.5	.3	10	.5	.1	.3	40	.13	.047	8	15.5	.17	97	.024	<1	.47	.006	.06	.1	.03	.8	.1	<.05	4	<.5	15.0
3236	2.3	22.1	10.6	56	.4	19.5	6.6	324	2.44	1.5	1.0	<.5	.6	7	.4	.1	.3	40	.11	.056	11	33.3	.47	71	.038	<1	1.27	.008	.10	.1	.07	1.1	.1	<.05	5	.5	15.0
3237	2.0	16.7	10.2	60	.3	19.0	8.1	487	2.53	1.6	.7	<.5	.7	6	.3	.1	.3	38	.10	.050	10	29.2	.45	94	.037	1	1.20	.007	.11	.1	.06	1.1	.1	<.05	5	.5	15.0
3238	4.0	7.3	10.5	14	.3	4.3	5.1	153	1.29	2.0	.6	<.5	.2	4	.2	<.1	.3	26	.04	.027	8	13.6	.15	34	.029	<1	.62	.006	.03	.1	.05	.5	.1	<.05	4	.6	15.0
3239	15.9	42.2	21.7	160	.4	28.3	25.0	3831	4.15	1.7	1.8	<.5	.4	16	1.6	.2	.6	36	.15	.120	13	18.6	.27	219	.018	1	.84	.007	.06	.2	.08	.6	.2	.08	5	1.6	15.0
3240	21.8	45.9	23.2	279	.2	31.4	17.3	1492	5.71	1.6	2.0	<.5	1.1	21	2.4	.2	.8	50	.15	.132	12	25.8	.35	221	.035	1	.94	.008	.08	.2	.08	1.0	.4	.08	6	2.1	15.0
RE 3240	21.4	45.2	22.4	268	.2	31.6	18.3	1533	5.88	1.2	2.0	<.5	1.0	19	2.3	.2	.8	51	.14	.135	12	26.0	.38	234	.035	<1	.93	.008	.08	.2	.07	1.1	.4	.07	5	2.4	15.0
3241	13.6	60.9	19.5	294	.4	62.9	26.8	1277	4.84	7.9	4.0	.5	4.3	16	2.8	.2	.4	46	.30	.093	18	30.3	.70	152	.043	<1	1.38	.016	.17	.3	.02	2.2	.5	.42	3	4.7	15.0
3242	16.5	55.6	13.2	157	.3	35.0	19.2	1071	4.33	10.2	3.2	.6	3.2	11	1.4	.3	.2	33	.13	.086	21	26.2	.52	111	.030	<1	1.29	.008	.18	.2	.03	1.6	.4	.14	3	4.6	15.0
3243	14.1	43.7	23.7	162	.2	29.4	18.6	962	3.55	10.2	3.3	<.5	3.0	9	1.3	.3	.2	31	.14	.066	20	22.2	.49	79	.028	<1	1.07	.008	.14	.3	.04	1.6	.4	.06	3	4.3	15.0
3244	9.6	34.6	15.1	185	.8	35.1	11.8	777	2.79	3.6	3.1	.7	.6	20	1.9	.2	.3	31	.29	.086	27	25.4	.47	117	.020	2	1.60	.007	.16	.2	.10	1.2	.4	.07	4	2.2	15.0
3245	10.3	33.2	15.6	101	.3	22.0	9.4	544	2.99	5.1	1.7	<.5	1.3	21	.4	.2	.2	30	.20	.082	20	27.7	.52	135	.027	<1	1.40	.008	.21	.2	.09	1.3	.3	.07	4	2.2	15.0
3246	1.0	3.0	8.4	14	.1	3.2	1.4	63	.54	.7	.4	<.5	.5	4	.1	.1	.2	16	.03	.012	11	9.9	.14	39	.034	1	.39	.005	.06	.1	.01	.5	.1	<.05	4	<.5	15.0
3247	.6	4.1	9.8	19	.2	5.6	2.4	145	.89	.8	.6	.6	.5	6	.1	<.1	.3	23	.04	.021	15	16.2	.24	68	.047	<1	.82	.006	.15	.1	.03	.7	.2	<.05	6	<.5	15.0
3248	1.0	11.1	9.6	30	.1	12.1	4.0	110	2.50	1.0	.9	.6	1.7	5	.1	<.1	.3	36	.04	.021	18	29.0	.43	66	.057	1	1.70	.007	.17	.1	.04	1.7	.2	<.05	7	.5	15.0
3252	4.8	41.8	8.4	94	.3	53.3	15.6	570	2.97	3.0	1.4	.9	6.2	15	.8	.1	.2	31	.24	.077	28	41.2	.75	57	.044	1	1.33	.007	.10	.1	.02	3.0	.1	<.05	4	.8	15.0
3253	7.1	62.5	11.3	134	.2	75.0	21.0	845	3.82	3.3	1.3	2.1	10.9	21	1.1	.1	.4	38	.29	.089	35	47.6	.97	92	.025	1	1.65	.010	.12	.1	.01	3.5	.1	<.05	5	.9	15.0
3254	6.1	55.7	8.9	118	.2	65.2	17.5	632	3.61	3.2	1.3	1.6	7.4	15	.6	.1	.3	33	.22	.085	32	41.0	.75	57	.028	1	1.46	.005	.06	.1	.02	3.1	.1	<.05	4	.9	15.0
3255	5.2	44.7	8.9	112	.2	51.1	15.8	525	3.20	3.1	1.4	4.5	7.9	14	1.0	.1	.3	34	.29	.093	30	34.7	.77	65	.051	<1	1.45	.009	.13	.1	.02	3.1	.1	<.05	4	1.1	15.0
3256	1.5	21.4	4.8	73	.2	27.7	9.7	268	2.06	2.5	1.1	1.1	5.2	13	.6	.1	.2	28	.26	.074	20	27.4	.55	74	.081	<1	1.22	.009	.19	.1	.02	2.3	.2	<.05	4	.5	15.0
3257	2.1	23.3	6.0	78	.3	32.1	11.0	303	2.45	4.7	.8	.7	3.8	8	.5	.1	.2	36	.15	.082	13	33.4	.58	67	.055	1	1.54	.008	.10	.1	.03	2.2	.1	<.05	4	.7	15.0
3258	2.0	19.6	3.7	54	.1	25.8	7.7	194	1.70	3.4	.7	.8	4.0	8	.4	.1	.2	22	.22	.075	14	21.6	.37	36	.040	1	.79	.006	.09	.1	.01	1.6	.1	<.05	2	.6	15.0
3259	2.3	28.1	5.6	76	.2	34.2	11.4	271	2.29	4.8	.8	1.0	4.9	9	.6	.1	.2	33	.20	.073	16	31.5	.60	55	.057	1	1.24	.008	.15	.2	.02	2.2	.2	<.05	4	.8	15.0
3260	2.8	32.2	6.0	63	.5	36.2	10.6	228	2.29	6.3	.9	23.5	6.7	8	.5	.1	.3	32	.17	.067	14	33.3	.55	58	.054	<1	1.20	.007	.13	.2	.03	2.2	.2	<.05	3	.9	15.0
STANDARD DS5	12.4	143.2	26.1	138	.3	24.4	11.8	770	3.03	19.9	5.9	42.6	2.7	50	5.7	3.8	6.0	61	.72	.094	13	177.7	.68	141	.103	18	2.10	.034	.13	4.9	.17	3.4	1.1	<.05	7	5.0	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
G-1	1.8	2.9	2.6	46	<.1	4.8	4.2	590	2.08	.5	2.0	.7	4.3	99	<.1	<.1	.1	47	.65	.085	12	16.9	.60	254	.144	1	1.10	.114	.55	2.7	<.01	2.6	.3	<.05	5	<.5	15
3261	1.3	23.2	5.4	59	.1	28.3	9.7	240	1.97	3.0	1.0	.9	5.4	9	.2	.1	.2	32	.20	.082	20	28.6	.55	69	.069	<1	1.22	.009	.21	.2	.01	2.3	.2	<.05	4	.5	15
3262	1.8	24.0	7.3	92	.3	36.5	14.0	406	2.68	7.2	.8	1.3	4.9	11	.4	.1	.2	41	.19	.163	15	38.4	.60	89	.074	<1	1.71	.009	.20	.3	.02	2.5	.2	<.05	5	.6	15
3263	1.3	17.3	7.2	80	.4	26.3	9.7	399	2.12	3.2	.8	1.1	4.0	14	.3	.1	.2	37	.20	.091	16	32.5	.53	92	.075	<1	1.45	.008	.18	.2	.04	2.3	.2	<.05	5	.5	15
3264	1.5	27.3	6.9	85	.2	35.2	11.9	376	2.36	3.9	1.2	2.0	6.2	15	.5	.1	.2	37	.25	.089	21	35.9	.67	110	.094	<1	1.59	.011	.29	.2	.02	2.9	.3	<.05	5	.6	15
3265	1.1	26.1	4.7	59	.1	32.5	12.0	313	2.03	3.8	1.2	1.3	6.8	11	.4	<.1	.2	28	.25	.091	25	28.2	.56	83	.084	<1	1.27	.011	.32	.3	.01	2.3	.2	<.05	4	<.5	15
3266	1.3	12.4	10.4	53	.2	21.0	6.6	235	3.16	1.7	.8	.8	1.0	9	.2	.1	.3	45	.12	.055	13	41.4	.57	86	.054	<1	1.50	.007	.18	.1	.04	1.4	.2	<.05	7	.5	15
3267	1.9	32.3	10.7	72	.2	38.4	11.4	328	2.95	1.4	1.1	1.0	3.6	8	.2	.1	.3	43	.15	.045	18	55.5	.78	138	.067	1	1.78	.009	.33	.1	.04	2.4	.2	<.05	6	.6	15
3268	5.4	34.3	13.7	70	.6	24.0	6.7	297	2.79	1.9	1.4	.5	.7	10	.5	.1	.3	44	.17	.091	11	34.8	.44	93	.040	1	1.09	.007	.19	.1	.05	1.2	.2	<.05	6	1.3	15
3269	4.0	29.1	11.4	107	.2	33.1	10.7	489	2.80	2.1	1.1	.6	.7	10	.6	.1	.3	43	.16	.065	13	41.7	.61	90	.038	<1	1.30	.008	.14	.1	.06	1.3	.2	<.05	5	.8	15
3270	10.5	39.6	22.8	212	.2	35.1	24.2	1603	3.47	1.3	1.8	<.5	.5	12	1.2	.1	.4	42	.12	.099	11	36.1	.56	113	.028	<1	1.36	.008	.20	.2	.03	1.1	.2	<.05	5	1.4	15
3271	12.9	40.8	13.7	199	.4	37.5	15.7	1046	3.99	1.1	1.8	.7	.8	10	.5	.1	.3	48	.11	.106	13	39.4	.60	103	.035	<1	1.29	.008	.15	.2	.06	1.2	.3	<.05	5	2.4	15
3272	10.4	36.0	16.4	214	.4	31.5	18.1	1232	3.02	2.3	1.7	.6	.4	18	4.3	.2	.3	39	.34	.123	14	27.6	.47	96	.019	1	1.02	.008	.13	.1	.04	.8	.2	.09	4	2.9	15
3273	17.2	39.0	16.1	172	.3	30.9	16.7	841	4.07	9.2	2.5	2.0	.3	13	1.3	.3	.4	47	.17	.127	25	33.2	.41	108	.023	1	1.04	.010	.15	.2	.06	.8	.3	.11	5	3.2	15
3274	13.4	32.0	15.8	84	.4	33.7	8.3	214	4.94	3.0	.7	1.0	3.0	6	.4	.3	.4	43	.07	.084	30	38.2	.28	37	.014	1	1.45	.004	.03	.1	.06	1.5	.1	<.05	6	1.1	15
3275	7.2	64.7	11.5	149	.7	78.9	13.8	247	4.74	1.9	1.2	1.0	6.3	9	.6	.2	.2	32	.08	.119	33	41.7	.69	69	.012	<1	2.49	.004	.04	.1	.10	2.1	.1	<.05	5	2.4	15
3276	8.9	40.9	12.5	208	1.3	50.2	10.7	299	4.83	1.5	.9	.9	2.3	7	.8	.2	.3	35	.05	.094	21	19.9	.23	47	.009	<1	1.43	.004	.03	.1	.04	1.2	.1	<.05	6	2.1	15
3277	12.4	154.1	17.9	304	.8	126.0	28.5	1315	4.72	7.3	4.2	2.1	2.8	9	1.9	.4	.3	36	.05	.102	18	31.1	.40	83	.028	1	2.13	.005	.04	.1	.07	2.6	.1	<.05	4	3.8	15
3278	6.9	40.7	11.8	114	.6	34.0	7.9	569	2.79	2.2	1.0	1.1	.4	9	.8	.2	.4	41	.08	.104	19	22.4	.22	61	.016	1	1.16	.005	.05	.1	.07	.8	.1	<.05	5	1.6	15
3279	9.9	30.2	12.4	148	.3	30.7	4.8	178	3.58	1.3	1.0	1.1	2.6	5	.4	.1	.3	32	.03	.075	16	29.5	.28	63	.013	<1	1.84	.004	.04	.1	.08	1.5	.1	<.05	3	2.2	15
3280	5.4	9.3	6.3	31	.1	8.2	1.4	62	1.01	1.4	.4	.7	1.0	5	.1	.1	.2	30	.03	.036	28	9.5	.08	26	.009	<1	.38	.003	.02	.1	.02	.5	.1	<.05	5	.7	15
RE 3280	6.1	9.2	6.2	30	.1	8.0	1.4	64	1.06	1.3	.5	.6	.9	5	.1	.1	.2	30	.03	.036	29	9.7	.08	28	.010	<1	.42	.003	.02	.1	.02	.5	.1	<.05	5	.7	15
3281	7.1	26.4	12.6	85	.5	25.4	6.7	291	3.67	2.1	.7	2.2	.9	8	.3	.2	.3	40	.08	.142	19	34.2	.40	37	.014	1	1.22	.004	.05	.1	.06	1.1	.1	<.05	5	1.5	15
3282	8.3	46.0	10.5	88	.5	31.6	11.3	578	3.95	1.8	.8	.7	.8	5	.2	.2	.5	32	.04	.088	21	29.9	.41	35	.007	<1	1.37	.003	.03	.1	.05	.9	.1	<.05	5	1.2	15
3283	6.1	275.7	15.9	130	1.2	391.6	71.9	>9999	8.16	21.7	3.5	2.9	18.8	32	3.1	.2	.2	52	.51	.166	131	157.4	1.90	397	.013	<1	3.43	.005	.03	<.1	.22	15.3	.2	<.05	6	1.8	15
3284	5.1	45.7	13.8	120	1.0	44.7	12.5	686	5.04	1.9	1.2	1.6	6.3	4	.7	.2	.5	39	.02	.105	37	34.3	.56	37	.003	<1	2.32	.005	.03	.1	.06	2.5	.1	<.05	7	1.4	15
3285	2.3	31.3	8.6	79	.2	29.3	10.2	341	5.99	3.8	1.0	6.9	3.8	8	.4	.2	.4	58	.08	.096	19	44.4	.61	28	.053	1	2.11	.005	.03	.1	.06	2.2	<.1	<.05	9	1.0	15
3286	4.2	22.5	11.4	72	.1	26.3	11.6	1049	3.84	4.4	.8	1.2	1.4	5	.3	.1	.3	71	.09	.121	8	57.8	.80	58	.067	1	1.84	.011	.15	.2	.03	2.4	.2	<.05	9	.7	15
3287	6.0	47.5	9.1	111	.1	60.6	14.4	350	3.65	3.1	1.5	1.0	3.2	6	.2	.1	.3	71	.18	.096	26	71.4	1.16	77	.076	<1	2.47	.014	.22	.2	.03	4.0	.3	<.05	7	2.1	15
3288	3.5	38.9	12.9	93	.1	46.1	12.1	354	4.22	4.7	1.1	6.0	2.9	5	.2	.1	.3	76	.13	.095	15	73.7	1.15	76	.068	<1	2.38	.012	.19	.3	.04	3.6	.3	<.05	7	1.1	15
3289	3.0	55.4	11.3	90	.1	60.7	20.9	489	3.25	3.4	1.4	1.0	4.3	6	.3	.1	.3	59	.17	.064	20	62.2	1.05	76	.069	<1	2.22	.012	.21	.3	.02	4.0	.3	<.05	6	1.0	15
3290	11.9	61.5	11.9	156	.3	62.4	14.6	314	4.49	3.0	2.8	2.8	6.7	56	1.1	.2	.5	73	.30	.093	33	49.2	.71	125	.097	<1	3.29	.018	.21	.1	.05	4.1	.3	.07	7	5.0	15
3291	23.6	55.1	36.4	411	.8	128.5	22.3	1501	4.82	2.1	3.7	1.7	2.3	44	7.8	.2	.6	116	.36	.211	28	39.7	.76	68	.041	1	3.14	.019	.09	1.2	.04	3.9	.4	<.05	7	2.1	15
3292	6.8	21.0	7.9	118	.2	27.2	15.7	346	2.00	.6	2.8	1.4	1.3	21	5.4	<.1	.2	49	.38	.088	42	34.4	.67	65	.054	1	1.46	.014	.11	.1	.01	2.7	.3	.07	4	3.2	15
3293	7.0	7.4	8.2	45	.3	9.8	3.9	194	1.28	<.5	1.1	.6	.1	9	.2	.1	.2	36	.13	.075	12	23.7	.40	34	.042	1	1.33	.012	.05	.1	.03	1.2	.2	<.05	6	1.6	15
STANDARD DS5	13.1	146.1	26.5	140	.3	25.5	12.8	810	3.06	19.7	6.0	43.8	2.9	53	5.7	3.9	6.3	63	.77	.102	14	190.7	.69	146	.102	17	2.22	.037	.16	5.0	.17	3.6	1.1	<.05	7	5.0	15

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
3739	4.2	41.5	9.3	91	.5	40.4	12.7	374	3.34	3.9	.9	1.8	5.7	8	.5	.1	.3	32	.11	.091	18	35.3	.61	53	.036	<1	1.47	.005	.09	.1	.05	2.2	.1	<.05	4	1.2	15.0
3740	4.5	39.6	8.0	101	.3	56.0	16.8	306	3.07	2.9	.9	2.9	6.8	8	.6	.1	.4	29	.13	.076	18	34.5	.61	54	.041	1	1.67	.006	.08	.1	.04	2.7	.1	<.05	3	1.3	15.0
3741	3.5	30.8	8.3	91	.6	38.4	11.8	416	2.93	2.9	.7	.8	2.3	10	.4	.1	.2	31	.12	.074	12	33.5	.49	68	.026	<1	1.37	.006	.07	.1	.05	1.6	.1	<.05	4	.9	15.0
3742	4.7	40.2	9.4	127	.3	53.4	13.9	394	3.40	2.9	.8	.8	4.8	12	.8	.1	.3	31	.16	.139	15	38.4	.57	81	.032	<1	1.66	.005	.07	.1	.04	2.5	.1	<.05	4	1.2	15.0
3743	3.3	32.5	7.1	97	.3	38.3	10.6	249	2.59	2.3	.7	2.3	5.2	6	.4	.1	.2	27	.08	.077	16	29.9	.52	71	.043	1	1.48	.006	.09	.1	.04	2.1	.1	<.05	4	.8	15.0
3744	4.9	55.9	10.8	107	.3	60.7	17.0	795	3.71	2.8	1.1	1.0	6.7	11	.7	.1	.3	32	.15	.088	28	45.6	.85	54	.034	<1	1.50	.005	.10	.1	.02	3.0	.1	<.05	4	1.2	15.0
3745	4.0	46.8	9.4	82	.2	50.3	15.4	481	3.05	2.5	1.1	1.1	7.4	12	.4	.1	.3	29	.19	.057	19	35.5	.69	53	.056	<1	1.37	.006	.14	.1	.02	2.9	.1	<.05	4	.9	15.0
3746	3.7	40.2	11.0	87	.7	48.5	16.6	592	2.76	1.8	1.6	2.4	4.8	14	.6	.1	.3	32	.22	.060	27	45.0	.67	74	.053	1	1.50	.007	.11	.1	.04	2.9	.1	<.05	5	1.0	15.0
3747	4.2	45.7	8.4	87	.1	53.0	16.4	669	3.10	3.5	1.1	.8	7.0	14	.6	.1	.2	30	.23	.077	25	43.4	.77	58	.043	1	1.22	.008	.09	.1	.02	3.2	.1	<.05	4	.8	15.0
3748	1.7	28.8	10.7	70	.3	38.6	14.0	213	3.50	.8	1.4	.5	4.3	18	.4	<.1	.3	38	.16	.039	23	44.0	.89	110	.107	1	2.43	.010	.38	.1	.05	2.7	.4	<.05	6	.6	15.0
3749	1.6	31.8	14.0	80	.1	36.6	14.8	328	4.01	1.4	1.6	1.1	6.9	10	.2	.1	.4	46	.12	.042	22	45.5	.84	97	.124	1	2.49	.010	.41	.2	.05	3.2	.4	<.05	8	.8	15.0
3750	1.7	12.4	9.0	65	.1	14.8	5.1	81	3.59	1.9	.7	1.6	6.3	4	.1	.1	.4	63	.03	.080	16	26.1	.34	33	.138	1	1.10	.006	.12	.1	.04	1.5	.2	<.05	10	<.5	15.0
3779	16.5	27.1	3.0	97	.3	32.2	8.1	70	2.34	2.7	.4	1.9	1.7	3	.3	.2	.2	50	.02	.023	15	4.8	.03	17	.009	1	.19	.005	.02	.2	.02	.7	<.1	<.05	3	2.0	15.0
3780	15.3	66.0	14.9	281	.7	77.4	20.4	1169	4.78	3.9	2.8	1.8	5.0	19	4.3	.2	.3	17	.34	.085	17	17.3	.43	47	.006	<1	.69	.006	.03	.1	.01	2.1	.1	.13	2	5.8	1.0
RE 3783	12.3	19.2	11.6	78	.2	16.1	4.1	193	4.33	2.5	.5	2.5	1.7	3	.2	.2	.5	34	.03	.061	12	12.0	.11	25	.008	1	.67	.004	.03	.2	.06	.7	.1	<.05	5	2.2	15.0
3781	6.5	8.1	4.9	21	1.2	5.5	1.5	54	1.13	1.0	.3	4.7	.3	4	.1	.1	.1	13	.02	.052	9	6.2	.06	22	.005	1	.33	.007	.02	.1	.06	.3	.1	<.05	2	1.0	7.5
3782	14.1	67.3	15.9	269	1.6	100.3	15.3	1376	3.88	<.5	17.6	3.6	2.3	37	10.1	.2	.3	16	.60	.123	36	12.4	.28	75	.004	1	.78	.007	.03	.1	.07	1.6	.1	<.05	2	5.6	15.0
3783	12.5	19.9	12.2	79	.2	17.0	4.1	195	4.42	2.5	.6	10.9	1.9	3	.2	.1	.5	34	.03	.061	13	12.2	.11	26	.008	<1	.68	.004	.03	.2	.05	.7	.1	<.05	5	2.4	15.0
3784	20.9	46.6	19.4	203	1.1	41.7	16.1	682	5.32	1.0	2.9	13.1	4.7	16	.8	.2	.5	19	.19	.114	18	13.3	.28	60	.003	1	.70	.005	.03	.1	.09	1.4	.1	<.05	2	6.3	15.0
3785	15.2	106.2	28.5	254	4.9	83.1	38.6	5310	6.33	3.2	7.8	7.3	1.6	26	5.4	.3	.5	24	.38	.279	44	18.4	.22	86	.018	1	1.93	.008	.03	.1	.19	2.1	.1	.06	5	5.0	15.0
3786	9.3	74.3	16.7	204	4.3	59.4	16.4	3956	3.43	.9	11.0	2.5	1.0	38	12.5	.2	.4	17	.92	.265	50	13.5	.17	88	.011	1	1.52	.008	.03	.1	.16	1.9	.1	.11	3	4.4	15.0
3787	12.8	51.8	14.7	191	2.9	53.1	18.6	2548	3.81	<.5	7.3	2.2	.9	27	6.7	.3	.3	15	.63	.156	28	11.6	.22	66	.008	2	.91	.008	.03	.1	.10	1.6	.1	<.05	2	5.1	7.5
3788	14.1	9.2	3.5	39	.1	8.8	1.9	61	1.33	3.1	.3	3.3	1.3	6	.2	.1	.3	41	.08	.013	22	4.3	.02	40	.015	1	.25	.004	.02	.1	.02	.4	.1	<.05	5	.9	15.0
3789	22.9	79.1	18.3	445	.9	113.4	22.2	1107	5.72	<.5	4.4	3.4	5.1	21	6.9	.2	.4	17	.37	.107	28	12.4	.32	53	.003	1	.63	.007	.03	.1	.03	2.3	.1	.10	2	6.2	7.5
3790	12.6	47.0	16.8	137	3.9	36.8	17.7	1417	3.86	.6	5.1	5.1	.7	32	2.0	.2	.4	27	.27	.126	27	14.6	.16	63	.010	<1	1.20	.007	.03	.1	.11	1.1	.1	<.05	4	3.3	15.0
3791	17.6	73.3	22.2	327	1.4	96.0	24.5	1573	5.52	3.1	6.2	4.4	4.7	25	5.0	.2	.5	21	.29	.120	49	15.1	.30	91	.005	2	1.10	.006	.04	.1	.09	2.5	.1	<.05	3	4.6	15.0
3792	19.0	66.9	23.9	252	1.2	64.7	19.1	612	6.10	3.9	4.8	141.2	3.7	16	2.4	.2	.6	26	.25	.082	21	17.7	.24	59	.007	1	1.41	.005	.04	.2	.09	1.6	.1	<.05	3	3.9	15.0
3793	21.0	117.4	26.8	400	1.7	137.2	33.7	1629	6.63	6.1	3.4	3.3	5.4	18	7.6	.3	.5	20	.33	.104	30	14.4	.35	66	.004	1	.90	.006	.04	.2	.04	2.2	.1	<.05	3	5.3	15.0
3794	20.3	89.5	23.9	256	.8	58.9	14.4	661	5.43	7.0	1.8	12.9	4.0	3	.8	.3	.5	25	.02	.160	12	13.0	.21	48	.005	<1	.82	.004	.03	.2	.08	1.4	.1	<.05	3	4.6	15.0
3795	17.5	63.0	18.3	162	7.5	50.4	22.9	1594	4.17	<.5	3.8	1.9	.9	11	2.9	.1	.4	25	.11	.145	49	15.7	.21	77	.006	1	1.29	.010	.05	.1	.15	.9	.1	.09	4	4.8	15.0
3797	7.6	25.6	9.5	58	3.0	16.2	6.1	605	2.52	.5	.8	3.1	.5	4	.3	.1	.4	21	.01	.075	15	12.3	.15	31	.006	1	.74	.007	.04	.1	.07	.5	.1	<.05	4	1.9	15.0
3798	16.7	56.9	19.6	143	.5	40.4	10.0	355	4.97	.5	1.5	<.5	.8	4	1.2	.3	.4	48	.03	.068	16	19.3	.14	72	.012	<1	.92	.006	.04	.2	.07	1.1	.2	<.05	6	5.4	15.0
3799	41.6	153.8	45.4	453	1.4	149.2	53.2	2873	6.04	41.9	40.4	.8	4.1	31	4.4	.8	.4	25	.50	.159	110	14.1	.27	80	.008	2	1.60	.007	.05	.7	.12	2.2	.3	<.05	3	9.4	15.0
3800	27.1	55.2	27.8	220	.8	42.8	22.8	2642	5.60	10.8	2.9	.5	.9	10	.7	.4	.4	40	.11	.115	19	21.2	.25	75	.008	1	1.36	.005	.04	.2	.07	.7	.2	<.05	5	5.6	15.0
STANDARD DS5	12.9	141.8	24.0	129	.3	23.3	11.8	775	3.01	19.0	5.8	43.2	2.6	50	5.3	3.9	6.0	60	.74	.096	12	187.0	.66	148	.104	17	2.00	.033	.14	4.8	.19	3.5	1.0	<.05	6	5.0	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data [illegible] FA ___

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
3983	6.4	31.4	12.9	75	.2	32.6	5.5	554	3.16	2.4	.8	2.2	.2	5	.3	.3	.4	37	.02	.078	11	23.3	.16	50	.029	1	.92	.006	.03	.1	.04	.7	.2	<.05	8	1.9	15.0
3984	7.4	24.0	15.1	68	.5	18.8	4.5	816	2.76	3.5	.9	2.3	.4	7	.2	.2	.5	41	.03	.114	10	19.8	.13	43	.047	1	.86	.007	.04	.1	.04	.7	.2	.08	8	1.2	15.0
3985	26.9	27.8	10.2	80	.5	18.4	3.0	101	2.43	1.2	1.0	1.0	.2	6	.3	.3	.4	34	.02	.086	7	12.5	.05	32	.027	1	.84	.008	.02	.1	.06	.5	.1	.07	6	2.6	15.0
3986	36.4	43.7	25.1	291	.7	74.0	13.7	527	5.10	.9	1.8	4.4	1.0	6	.8	.4	.5	41	.03	.106	10	14.2	.14	24	.026	1	1.28	.007	.02	.1	.06	1.0	.1	<.05	5	5.0	15.0
3987	48.1	43.9	27.3	157	1.7	33.1	3.1	787	3.96	.6	2.6	16.7	.2	10	.4	.4	.8	44	.05	.137	10	24.3	.09	42	.021	3	1.10	.009	.03	.1	.07	.5	.1	.10	7	7.9	15.0
3988	21.4	50.8	10.6	88	4.1	24.8	6.0	347	2.25	<.5	6.1	3.4	.1	8	2.2	.2	.3	20	.05	.197	7	12.1	.16	31	.007	2	1.69	.009	.05	.1	.14	.3	.1	.17	4	10.5	15.0
3989	13.7	14.7	12.5	56	.2	18.5	3.4	314	2.68	.7	.7	1.6	.3	3	.2	.2	.4	34	.02	.074	11	15.0	.16	23	.037	1	.69	.005	.04	.1	.03	.4	.2	<.05	5	2.8	15.0
3990	6.1	125.1	37.7	313	4.8	86.2	14.4	2067	3.55	2.4	4.9	12.5	1.3	14	5.4	.2	.5	36	.30	.113	31	45.4	1.19	124	.075	1	1.68	.005	.30	<.1	.06	2.8	.4	.08	5	3.3	15.0
3991	1.7	10.5	12.6	42	.2	15.9	4.1	130	2.17	1.1	.6	.6	4.4	6	<.1	.1	.6	54	.07	.018	8	33.7	.49	75	.187	1	1.16	.009	.25	.1	.04	2.2	.2	<.05	12	<.5	15.0
3992	1.7	41.9	11.2	93	.3	55.5	44.2	1142	2.84	1.0	2.6	.7	2.2	21	.7	<.1	.2	38	.36	.065	51	50.9	.74	103	.082	1	2.69	.014	.17	.1	.10	2.5	.3	.09	5	.9	7.5
3993	1.6	17.7	12.9	92	.3	22.4	9.4	171	3.72	2.6	1.0	1.2	5.3	6	.2	.1	.2	50	.06	.057	12	44.6	.48	64	.137	1	3.18	.006	.13	.2	.10	3.0	.2	<.05	8	.7	15.0
3994	3.0	55.9	35.8	94	.3	43.9	26.2	285	5.11	2.3	4.2	<.5	3.0	10	.8	.1	.5	46	.08	.051	91	39.6	.57	67	.090	1	2.21	.010	.13	.1	.10	2.0	.3	.11	10	.9	15.0
RE 3996	.7	2.2	4.4	8	.1	.7	.6	25	.78	<.5	.2	.5	1.7	2	<.1	.1	.1	19	.01	.008	5	6.1	.06	16	.060	1	.43	.006	.03	<.1	.03	.5	.1	<.05	5	<.5	15.0
3995	2.3	23.3	33.2	57	.2	17.3	82.4	1472	3.04	1.6	4.6	<.5	1.2	18	.3	.1	.3	44	.23	.051	90	24.1	.25	78	.078	1	1.71	.010	.09	.1	.07	1.3	.2	.07	9	.6	15.0
3996	.7	2.5	4.4	9	.1	.9	.7	26	.75	.7	.2	<.5	1.8	2	<.1	<.1	.1	18	.01	.008	4	6.0	.06	15	.056	<1	.42	.006	.03	<.1	.03	.4	.1	.06	5	<.5	15.0
3997	8.8	175.8	21.1	231	3.5	112.3	14.1	288	5.06	2.5	16.3	.6	13.9	25	.4	.1	.8	43	.21	.105	174	84.7	.80	172	.052	2	3.93	.013	.29	.1	.23	7.6	.3	.08	8	2.6	15.0
3998	3.5	35.8	17.8	125	.7	35.4	4.8	94	1.28	<.5	1.8	.9	.4	17	.4	.1	.5	31	.12	.224	16	27.1	.43	58	.032	1	2.16	.012	.08	.1	.04	1.3	.1	.11	7	2.2	15.0
STANDARD DS5	12.2	135.3	25.0	130	.3	24.4	11.8	781	3.08	18.8	5.9	41.5	2.6	50	5.3	3.8	5.8	58	.70	.098	12	177.9	.65	144	.107	19	2.04	.032	.13	4.6	.17	3.4	.9	<.05	6	4.8	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA