

Geological and Geochemical Report

- on the -

Frasergold Property

Caribou Mining Division, British Columbia

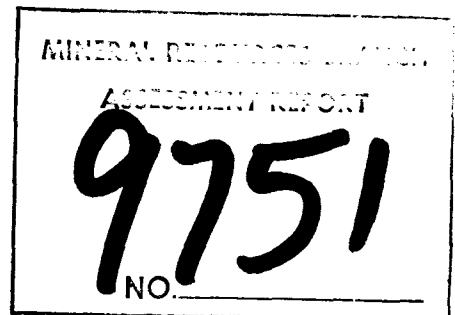
N.T.S. 93A/7E

- for -

Keron Holdings Ltd.,
837 E. Cordova St.,
Vancouver, B. C.

by:

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November 16, 1981

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SUMMARY

The work carried out to date on the Frasergold Property has confirmed the presence of significant gold mineralization within a series of strongly deformed, black phyllites of Upper Triassic age. The mineralization appears to be restricted to a discrete stratigraphic horizon within an iron/carbonate - rich facies of phyllite. Gold occurs both within phyllite (up to 1.13 grams/tonne) and within synmetamorphic quartz veins (up to +6.0 grams/tonne).

Because of the general scarcity of outcrop the extent of the auriferous horizon is unknown but from the extent and continuity of anomalous gold in soils is inferred to be at least 3.0 km.

A volcanogenic origin for the gold mineralization is favoured. As envisaged, gold was chemically precipitated along with an iron - rich carbonate in a black clastic sequence within a back-arc setting adjacent to basic, alkaline, arc-type volcanic centers. Gold was partly remobilized during regional metamorphism and deformation of the host rocks.

Based on favourable results obtained during the 1980 and 1981 programs and on the inferred potential for a stratabound, bulk-tonnage, low-grade, gold deposit, a two - phase diamond drill program, estimated to cost \$240,000.00 is recommended.

INTRODUCTION

During parts of June, July and August, 1981, a combined geochemical and geological program was carried out on the Kay 9 - 11, Mac, Mac 2 - 11 and Alpha 1 mineral claims situated along the MacKay River Valley in the Cariboo Mining Division, British Columbia. Work was supervised by Kerr, Dawson and Associates, #206 - 310 Nicola St., Kamloops, B. C.

The 1981 program was an extension of a similar program carried out in 1980 on the Kay 1 - 9 mineral claims. The 1980 program defined an area of highly anomalous gold in soil extending northwest from Frasergold Creek to the western boundary of the Kay 9 claim, a distance of about 2 km. This anomaly, which was open to the northwest, was found to be between 100 meters and 250 meters wide with relatively sharp well-defined boundaries. Interestingly the anomaly was also found to parallel the regional strike of a dark grey to black, fine - grained, phyllite sequence which underlies the anomaly and most of the claim area. This lead to speculation that a distinct horizon within the phyllite sequence may be gold-bearing.

Based on the encouraging results of the 1980 program and on the inferred potential for a stratiform bulk-tonnage, low-grade gold deposit Keron Holdings Ltd. acquired by staking, an additional 14 claims (140 units) along the projected strike extension of the favourable phyllite unit to the northwest.

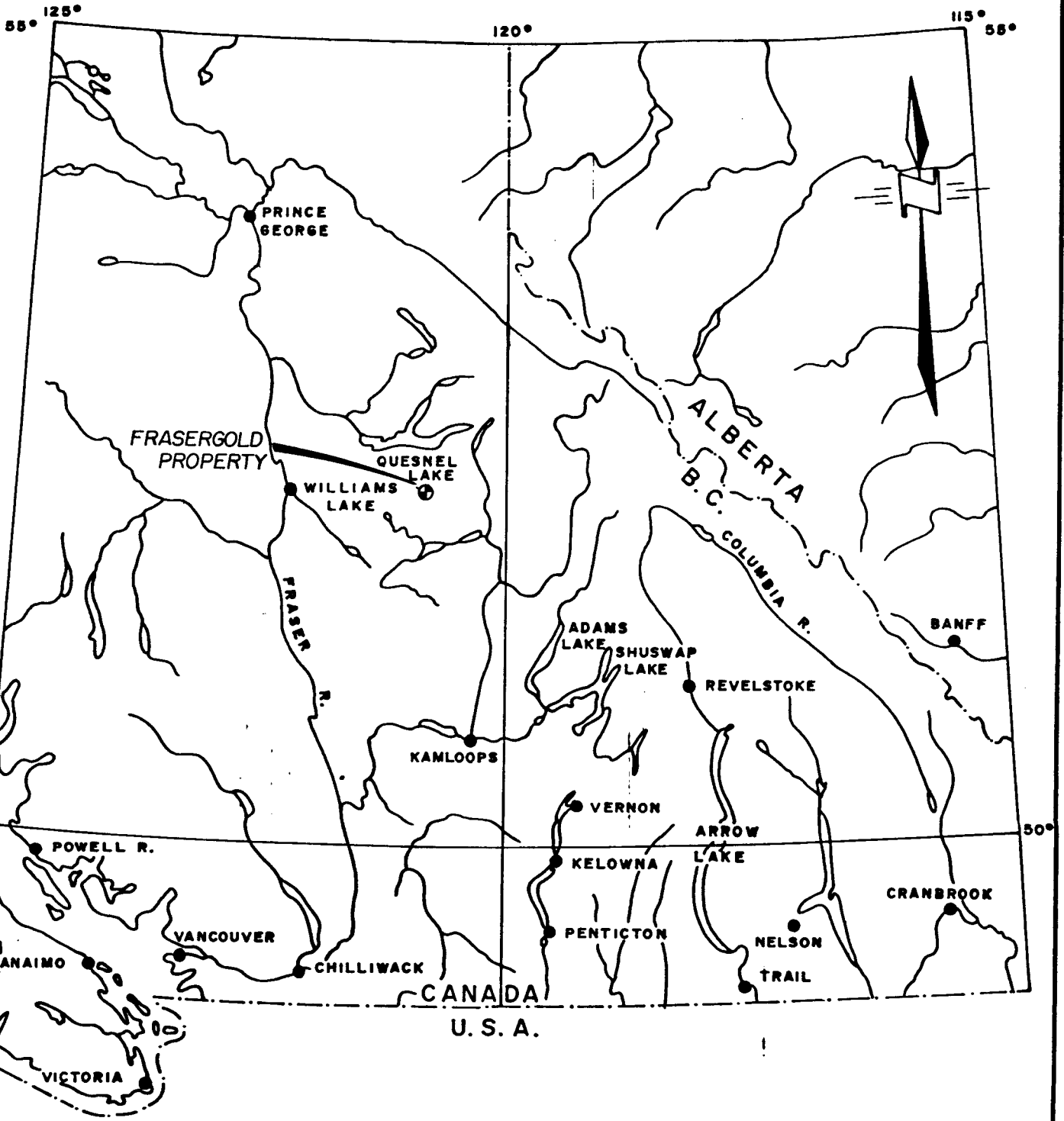
The objectives of the 1981 program were:

- 1). Geologically map the claim area.
- 2). Determine the extent of the area of highly anomalous gold in soils which was partly delineated on the Kay 1 - 9 mineral claims in 1980.

- 3). Test for additional geochemical anomalies along the projected strike extension of the favourable phyllite unit to the northwest.
- 4). Determine the source of the gold and it's possible economic significance.
- 5). Define the parameters which control the gold mineralization.
- 6). Determine the extent and continuity of the gold mineralization.

LOCATION AND ACCESSIBILITY

The Frasergold Property is located along the MacKay River Valley in the Cariboo Mining Division (N.T.S. 93A/7E). The center of the claim group is situated about 110 km east northeast of Williams Lake at geographic co-ordinates 52°19' North Latitude and 120°37' West Longitude. The western part of the claim group is traversed by a network of logging roads and skid trails which are accessible via good gravel road from Horsefly or 100 Mile House.



KERON HOLDINGS LTD.	
LOCATION MAP	
FRASERGOLD PROPERTY	
CARIBOO MINING DIVISION, B.C.	
Date: Oct. 1981.	Scale: 1" = 64 Miles
Drawn by: J. W. G.	Drawn on: 220-1

CLAIMS

The property is comprised of 23 contiguous claims totalling 160 units and 8 two-post claims as detailed below:

<u>Mining Division</u>	<u>Claim Name</u>	<u>Units</u>	<u>Record Number</u>	<u>Date Recorded</u>
Cariboo	Kay 1	2-post	1182	Sept. 4/79
"	Kay 2	"	1183	Sept. 4/79
"	Kay 3	"	1184	Sept. 4/79
"	Kay 4	"	1185	Sept. 4/79
"	Kay 5	"	1186	Sept. 4/79
"	Kay 6	"	1187	Sept. 4/79
"	Kay 7	"	1188	Sept. 4/79
"	Kay 8	"	1189	Sept. 4/79
"	Kay 9	20	1810	Aug. 11/80
"	Kay 10	6	1961	Sept. 25/80
"	Kay 11	2	1962	Sept. 25/80
"	Mac	9	1286	Oct. 19/79
"	Mac 2	20	2078	Oct. 22/80
"	Mac 3	6	3074	Dec./80
"	Mac 4	2	3075	Dec./80
"	Mac 5	4	3076	Dec./80
"	Mac 6	9	3077	Dec./80
"	Mac 7	8	3078	Dec./80
"	Mac 8	16	3079	Dec./80
"	Mac 9	20	3080	Dec./80
"	Mac 10	20	3081	Dec./80
"	Mac 11	9	3082	Dec./80
"	Alpha 1	9	847	Sept. 11/78

The registered owner of the Mac 3 to Mac 11 claims is Keron Holdings Ltd., 837 E. Cordova St., Vancouver, B. C. The remainder of the claims are held by Keron through an option agreement with Cliff Gunn of #43 - 15875 20th Avenue, Surrey, B. C.

PHYSIOGRAPHY AND VEGETATION

The Frasergold Property lies along the MacKay River, a northwesterly flowing tributary of the Horsefly River. Elevation of the surveyed area ranges from 1200 meters to 1850 meters. Relief is moderate to steep with local precipitous bluffs at higher elevations.

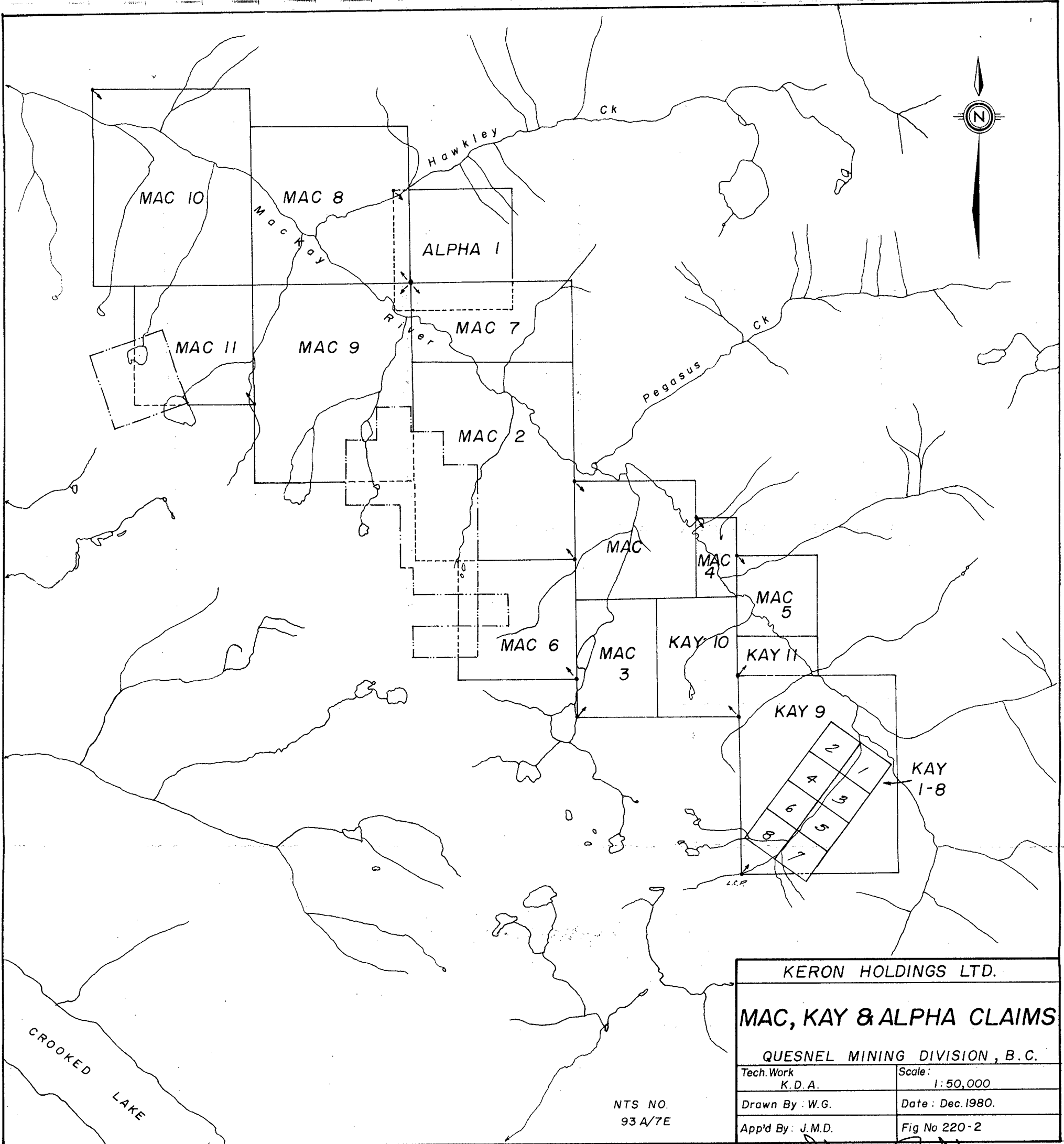
Vegetation along the lower reaches of the MacKay River Valley consist primarily of good commercial stands of spruce, balsam, fir and cedar with thick luxuriant underbrush. Forest cover is lighter above 1600 meters a.s.l. and above 1800 meters a.s.l. alpine type vegetation prevails. Most of the western two-thirds of the property has been logged.

EXPLORATION HISTORY

Apart from a small placer gold operation on Frasergold Creek in 1902, there is no record of any mining or appreciable exploration work having been carried out within the claim area.

In September, 1978, Cliff Gunn, a long time prospector to the Cariboo Region staked the Alpha 1 claim on the north side of the MacKay River area to cover an area containing numerous large quartz boulders. Follow-up prospecting and geochemical sampling failed to locate any significant mineralization although a few anomalous gold values in soils were obtained.

In 1979 Mr. Gunn continued prospecting in the MacKay River region and was eventually attracted to Frasergold Creek by the occurrence of placer gold reported in the Annual Minister of Mines Report for 1902. Silt samples from Frasergold Creek were found to contain anomalous gold and anomalous to highly anomalous gold values were obtained from soils at several sites adjacent to the creek.



KERON HOLDINGS LTD.

MAC, KAY & ALPHA CLAIMS

QUESNEL MINING DIVISION, B.C.

Tech. Work K.D.A.	Scale: 1:50,000
Drawn By: W.G.	Date: Dec. 1980.
App'd By: J.M.D.	Fig No 220-2

NTS NO.
93 A/7E

J. M. D.

Based on these results the Kay 1 to Kay 8, 2-post claims were staked in August, 1979.

Mr. Gunn brought the Kay claims to the attention of J. M. Dawson of Kerr, Kawson and Associates Ltd., Kamloops, B. C. in the Fall of 1979. Mr. Dawson, acting as agent for Keron Holdings Ltd., Vancouver, B. C. optioned the property and supervised a preliminary geological and geochemical exploration program in 1980.

Based on the success of the 1980 program, the property was expanded to it's present size in the Fall and Winter of 1980 and an expanded geological and geochemical program, which is the subject of this report, was carried out in June, July and August of 1981.

GRID PREPARATION

In order to carry out the geochemical and geological surveys, a grid was constructed consisting of an 11.0 km. base-line and approximately 97 km of cross-lines. Grid lines were blazed and ribboned and stations put in at 50 meter intervals.

GENERAL GEOLOGICAL SETTING

The Frasergold Property is situated along the eastern margin of the Quesnel Belt in the Quesnel Lake Map-Area. This belt is underlain, for the most part, by a sequence of volcanic and sedimentary rocks of Upper Triassic to Lower Jurassic age which were deposited in an island arc-type environment. The most widespread lithologies are Upper Triassic, alkaline, augite porphyry basalt and andesite and spatially related, coeval plutons which host alkaline-type, porphyry copper/gold deposits.

South of Prince George the Upper Triassic volcanics grade easterly into black, fine-grained phyllites which overlie Upper Paleozoic rocks of the Slide Mt. Group.

For the most part, Quesnel Belt rocks are only weakly deformed. The eastern phyllite facies, however, generally is strongly foliated and tightly folded - a result of uplift of the Omineca Crystalline Belt in Lower Jurassic time.

PROPERTY GEOLOGY

The Frasergold Property was examined by G. D. Belik during June 18 - 22, July 28 - 30 and August 8 - 11, 1981. An area, measuring approximately 25 km², was mapped at a scale of 1:10,000 (Figure 220-3) using the survey grid and a topographic base map for control.

The Frasergold claims are situated along the north limb of a major northwest-trending, overturned syncline (here informally designated the Crooked Lake Syncline). The axis of this syncline projects along the southern boundary of the claim group, parallel to the MacKay River and McKusy Creek/Crooked Lake Valleys (Figure 220-3A). Figure 220-3B shows a structural interpretation across the syncline.

The most widespread unit on the property, and which is exposed along its entire length, is a thick section (+1800 meters) of Upper Triassic, dark grey to black, lustrous phyllite. The phyllite displays a steeply-dipping, penetrative crenulation foliation which is axial planar to small-scale, gently plunging, isoclinal folds. The unit, characteristically, contains abundant (2% - 30%), translucent-to milky-white, limonite-stained quartz lenses, pods and irregular veins.

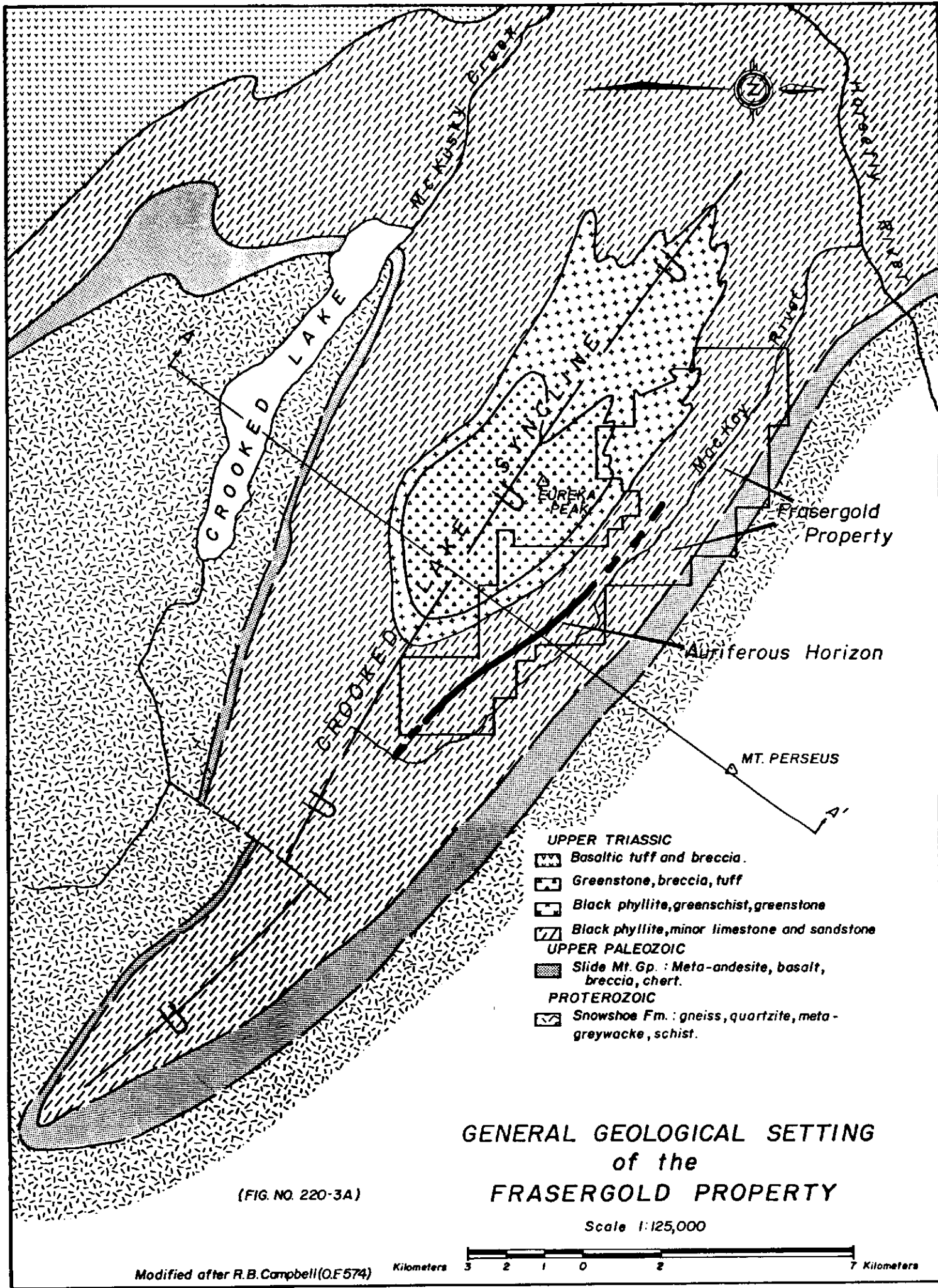
Along the north edge of the property, the phyllite conformably overlies a 100 meter - thick section of andesitic to basaltic metavolcanics.

This unit, which has been mapped as part of the Slide Mt. Group by R. B. Campbell (1978), can be traced around the entire perimeter of the Crooked Lake Syncline and serves as a useful marker horizon. On the Frasergold Property the Slide Mt. Group has been strongly deformed and subjected to a Middle to Upper Greenschist Facies of metamorphism.

The Proterozoic Snowshoe Formation forms the base of the Crooked Lake Syncline and are the oldest rocks exposed on the property. Where exposed, this unit consists of sharp-banded paragneiss, leucocratic feldspar-augen gneiss, schist and sub-mylonite in the Upper Greenschist facies of metamorphism. The contact between the Slide Mt. Group and the Snowshoe Formation is sharp and represents a major structural discontinuity.

Overlying the phyllite is a 200 meter to 500 meter thick transitional zone consisting of interbedded phyllite and greenschist. This unit is in turn overlain by greenstone, augite-porphry breccia and tuff. These units occupy the core of the Crooked Lake Syncline and, according to G.S.C. Open File Map 574 (Campbell, 1978), extend along the southern edge of the claim area. The transitional facies was mapped in the southern part of the Mac 3 and Kay 10 claims, however, the overlying volcanic member was not encountered within the area mapped and presumably is further to the south than indicated.

A thick coarse-grained mafic sill has been traced along the southern edge of the map - area over a strike length exceeding 9 km in the approximate position of the transitional phyllite/greenschist unit mapped by R. B. Campbell. This unit contains discontinuous dykes and irregular masses of fine-grained, leuco-monzonite, syenite and diorite which host porphyry-style copper mineralization (eg. Eureka Pk. property). The unit is at least 500 meters thick and has a highly sheared, concordant northern contact. The southern contact was not mapped but is presumed to be overlain by the upper volcanic member. The mafic sill is undoubtedly predeformational and probably is coeval with the overlying augite-porphry, alkaline basalts.



(FIG. NO. 220-3A)

GENERAL GEOLOGICAL SETTING
of the
FRASERGOLD PROPERTY

Scale 1:125,000

Modified after R.B. Campbell (O.F.574)

Kilometers 3 2 1 0 2 7 Kilometers

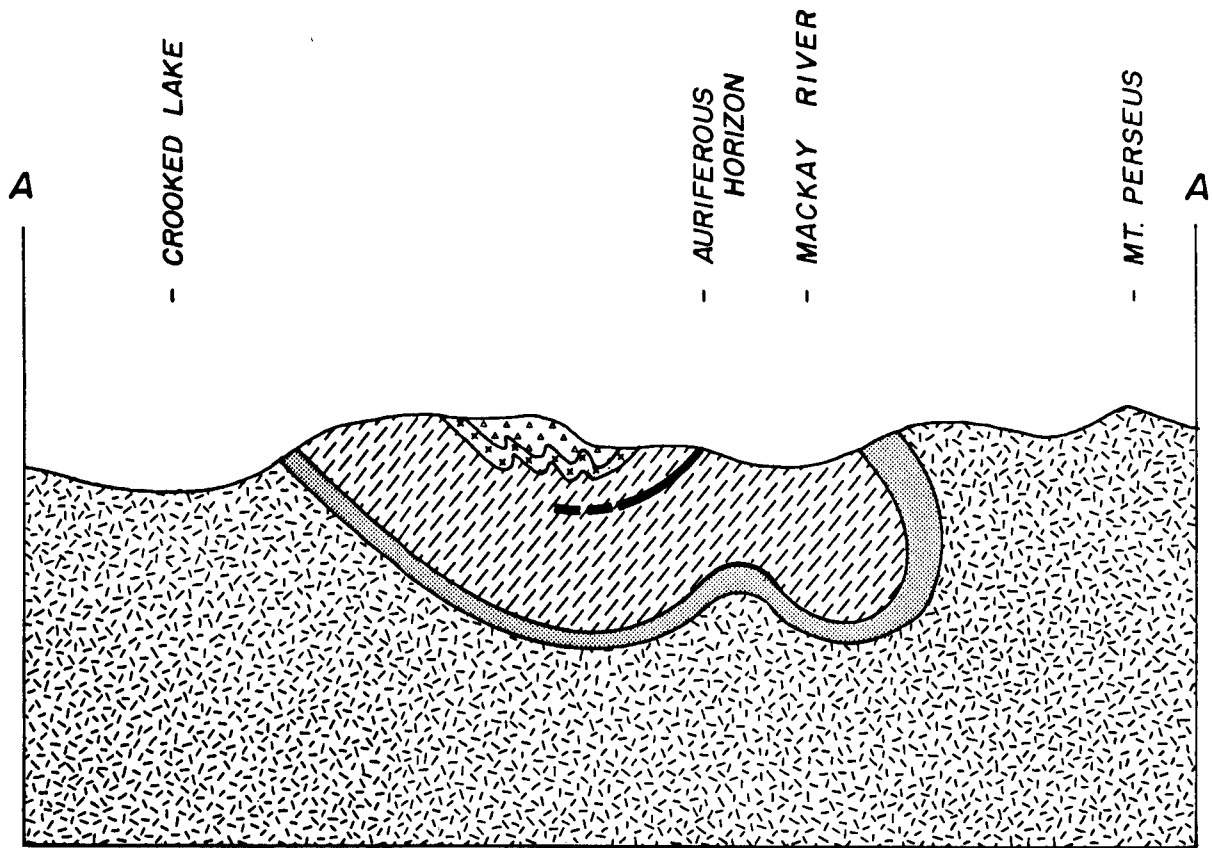


FIG. NO. 220-3B

STRUCTURAL INTERPRETATION ACROSS
THE CROOKED LAKE SYNCLINE

Several types of mineralization occur on the Frasergold Property, the most significant of which is gold \pm silver in the black phyllite unit. Gold appears to be restricted to a distinct horizon and occurs as fine, possibly colloidal disseminations within the phyllite and within synmetamorphic quartz veins. Samples of quartz ran as high as +6.0 grams gold per tonne and phyllite as high as 1.12 grams gold per tonne. Because of the general scarcity of outcrop the extent of the auriferous horizon is unknown but from the extent and continuity of anomalous gold in soils appears to be at least 3.0 km.

Anomalous gold in rocks and in soils in the main anomaly area appear to correlate with a unique facies of phyllite. The unit has a characteristic knotted appearance. Knots, which are less than 8 mm in size and comprise 5% to 40% of the unit, consist of limonitic-brown to hematitic-red, fine-grained carbonate, possibly ankerite or siderite. Originally, this lithology appears to have been a fine-grained black clastic with thin laminations of iron-rich carbonate. The carbonate, being more resistant, was boudinaged during deformation yielding the characteristic knotted texture.

PROTEROZOIC (?) SNOWSHOE FORMATION

The Snowshoe Formation underlies the northeast corner of the Mac 7, Mac 8 and Alpha 1 mineral claims. Within this area the formation includes a light-coloured, sharp-banded gneiss unit, biotite-muscovite schist, and feldspar-augen gneiss. The schist and feldspar-augen gneiss, which occur along the southern margin of the formation, have a distinct cataclastic texture and could be classed as submylonites.

The sharp-banded gneiss unit was derived from silty quartz-feldspathic arenites. Bands are from a few centimeters to several meters wide and reflect compositional layering within the original sedimentary package.

UPPER PALEOZOIC SLIDE MT. GROUP

About a 100 meter thick sequence of dark green andesitic to basaltic volcanic rocks occur immediately south of the Snowshoe Formation along the north edge of the property. This unit, which has been correlated with the Antler Formation of the Slide Mt. Group by R. B. Campbell (1978), has been traced southeasterly from Quesnel River to the Bonaparte Lake Map - Area, a distance of over 100 km.

On the Frasergold property the Antler Formation consists of a fairly monotonous sequence of foliated greenstone and chloritic schist. The greenstone has been considerably recrystallized and locally contains fairly coarse, metamorphic biotite.

TRIASSIC ROCKS

Within the map - area a thick section of Triassic meta-sedimentary and metavolcanic rocks are exposed. A thick, basal, phyllite/greenschist sequence, which appears to conformably overlie the Antler Formation, grades upward into alkaline, augite-porphyry flows, tuffs and breccia. This latter volcanic succession is not exposed within the area mapped but occurs in close proximity to the south within the core of the Crooked Lake Syncline.

A thick coarse-grained mafic sill occurs along the south edge of the property and is inferred to be coeval with the overlying volcanics

Basal Phyllite/Greenschist Sequence:

The basal phyllite/greenschist sequence can be divided into three members which include:

1. A lower, transitional zone comprised of greenschist, black phyllite and quartz-sericite schist.
2. A middle member characterized by dark grey to black lustrous phyllite with minor intercalated lenses of limestone.
3. An upper, transitional member comprised of interbanded black phyllite, greenschist and quartz-sericite-chlorite schist.

Lower Member

The lower member consists of interbedded dark grey to black phyllite, greenschist and quartz-sericite schist and forms a transitional zone, 50 meters to 250 meters wide, between the greenstone and greenschist of the Antler Formation and the thick black phyllite sequence of the middle member.

The black phyllite in the lower member is virtually identical to phyllites in the middle member as are the greenschists of the lower member and the Antler Formation. The quartz-sericite schist, however, is unique to this unit.

The quartz sericite schist is buff to pale green in color, fine-grained and generally very siliceous. Fine-grained pyrite is a common component and locally is present in amounts up to 30%.

The quartz-sericite schist probably is of volcanic origin and represents the metamorphic equivalent of fine-grained felsic tuffs.

Middle Member

The middle member is characterized by dark grey to black lustrous phyllite with minor intercalated lenses of limestone. The phyllite contains abundant (27% - 35%) lenses, pods and irregular veins of translucent to milky-white quartz. The quartz generally is limonitic and locally contains pyrite in amounts up to 6%. The lenses and pods are a few cms. to 10 meters thick (average about 8 cm) and the veins generally are less than 10 cm. thick. All of the quartz pods and lenses and most of the veins are conformable and many are isoclinally folded. Several generations of quartz are apparent; most appear to have developed as "sweats" prior to and during the main period of deformation and regional metamorphism.

Within the area mapped, several varieties of phyllite were noted which include: dark grey to black phyllite, siliceous phyllite, laminated phyllite, resistant, light to medium-grey arenaceous phyllite, calcareous phyllite, pyritic phyllite and a knotted, iron/carbonate-rich phyllite. However, except for the knotted, iron/carbonate - rich variety, a division of the middle member into various mapable subunits was not possible because of a general scarcity of outcrop, their lenticular nature and small size.

The knotted phyllite underlies the main area of anomalous gold in soils. Between lines 54 S.E. and 67 S.E. the southern limit of this unit occurs about 300 meters to 600 meters south of the base line. The unit has not been delineated north of the baseline, is open to the southeast and appears to pinch out to the northwest around line 40 S.E.

The knotted phyllite is characterized by abundant (5% to 40%), soft, limonitic, fine-grained carbonate - rich knots, 2 mm to 8 mm in size. The knots are actually boudinage structures and are the result of the segmentation of competent, iron/carbonate - rich laminations during tectonism.

The origin of the carbonate laminations is uncertain but they probably are primary chemical precipitates and may be associated with basic, arc-type volcanism.

Upper Member

An upper member comprised of interbanded black phyllite, greenschist and quartz-sericite-chlorite schist was mapped south of the grid area between L50 S.E. and L55 S.E. This member, which is regionally extensive, forms a transition zone between the middle member phyllite sequence and an overlying, predominantly metavolcanic sequence.

Mafic Sill Unit

A mafic sill unit occurs along the south edge of the map - area. The sill is at least 500 meters thick and has been traced over a strike length exceeding 9.0 km. The sill, which is conformable to the regional strike of the phyllites, is highly sheared along its southern contact. The northern limits of the sill have not been defined.

Texturally and compositionally the sill unit is diverse and consists of a variety of very coarse-grained, quartz-poor, plagioclase (calcic) - to pyroxene-rich types. The unit is generally altered and weakly to moderately sheared.

The sill is of probably Upper Triassic age and is inferred to be coeval with the overlying basic, alkaline volcanic sequence.

Late Differentiate, Alkaline Granitic Rocks

The mafic sill unit locally contains blocks, discontinuous dykes and small irregular stock-like masses of fine-grained leucomonzonite, diorite and syenite. Pyrite is present in amounts up to 10%. Locally, some varieties host porphyry-style, low grade, copper mineralization.

Sheared Marginal Phase

The southern margin of the mafic sill is highly sheared over a width of 15 meters to 250 meters. Original textures have been completely destroyed along the immediate area of the contact. Here the unit has the appearance of a fine-grained greenschist. Away from the contact the degree of shearing gradually diminishes and the unit passes into rocks of distinct intrusive character.

Discontinuous zones, 1 meter to 5 meters wide, of brown weathering, fine to medium-crystalline carbonate are developed along the contact between the phyllites and the sheared marginal phase of the mafic sill unit. The carbonate, which contains accessory pyrite, arsenopyrite and the chrome-bearing mica fuchsite, is premetamorphic and probably represents an altered, marginal phase of the mafic sill unit.

TERTIARY VALLEY BASALT

A small isolated remnant of Tertiary valley basalt is preserved in the MacKay River Valley on the Mac 9 claim. This basalt, which is fine-grained and a medium grey color, forms a small rounded knob about 25 meters high and 500 meters long. The basalt preserves a remnant of The MacKay River Paleovalley and may be underlain by Tertiary channel gravels. ✓

METAMORPHISM

All of the map-units, except the Tertiary valley basalt have been regionally metamorphosed. The degree of metamorphism in the map-area increases from Lower Greenschist in the south to Upper Greenschist in the north (ie. increase in metamorphic grade toward the base of the Crooked Lake Syncline). The biotite isograd is situated north of the MacKay River and approximates the contact between the lower and middle members of the basal, Triassic phyllite sequence.

STRUCTURE

Small-scale structures are abundant within the area mapped and include several generations of folds, foliations and lineations. Pre-Triassic units are strongly deformed and display a penetrative crenulation foliation which transposes bedding and an earlier foliation parallel to bedding. The crenulation foliation strikes northwest and dips steeply to the northeast, north of the MacKay River and steeply to the southwest, south of the MacKay River. A late-stage, steeply-dipping foliation locally is evident.

Numerous, small-scale, isoclinal folds, with axial planes parallel to the crenulation foliation, are developed within the Triassic phyllites and sharp-banded gneiss member of the Snowshoe Formation. These folds plunge very gently to the southeast. Late-stage, steeply-plunging, large - amplitude folds were also noted.

The penetrative crenulation foliation and small-scale isoclinal folds are associated with the development of a large, southeast-trending fold structure which in this report is informally designated the Crooked Lake Syncline. This syncline developed during a major period of deformation associated with the uplift of the Omineca Crystalline Belt.

This uplift was caused by compression from the southwest and was associated with the collision and subsequent obduction of an oceanic plate onto the North America Plate in Lower Jurassic time. Within the region of the map - area the Slide Mt. Group forms the base of the obducted plate.

MINERALIZATION

Gold, silver and base metals occur in a variety of geological environments on the Frasergold Property which include:

1. gold within Upper Triassic black phyllites.
2. gold and silver within synmetamorphic quartz veins.
3. disseminated copper mineralization within the sheared marginal phase of the mafic sill unit.
4. porphyry-style, copper mineralization within late-differentiate, alkaline granitic rocks.
5. copper within late-stage quartz veins.

Gold Within Upper Triassic Black Phyllites

Economically, the most interesting mineralization occurs within the middle black phyllite member of the basal Triassic sequence. More specifically, highly anomalous gold values (up to 1130 ppb) were obtained from samples of phyllite on the Kay 9 and Kay 10 claims between lines 54 S.E. and 62 S.E. These samples occur within an extensive area of anomalous gold in soils.

The salient features of the gold mineralization and associated soil anomalies are:

1. Mineralized phyllites contain no visible sulphide and are indistinguishable from unmineralized phyllite within the same general area. Vein-quartz material was also sampled within the same area but care was taken not to include vein-quartz in phyllite samples.
2. Anomalous phyllite samples occur within the main area of anomalous gold in soils on the property.
3. The main soil anomaly has a continuous strike length of 3.0 km. and a width of up to 300 meters. Outcrop is scarce within the anomaly area, especially northwest and southeast of the area of mineralized outcrops.
4. The main soil anomaly is conformable to the general strike of the phyllites.
5. The mineralized phyllite and main soil anomaly are hosted by the knotted, iron/carbonate - rich facies of phyllite.
6. The knotted phyllite facies appears to lense-out in the same general area where the main soil anomaly cuts off to the northwest.

The above features suggest that the gold mineralization is restricted to a distinct stratigraphic horizon. The continuity and extent of the anomalous soil suggest that the auriferous zone has a strike length of more than 3.0 km. The continuity or extent of the mineralization, however, are unknown. Gold could occur in one or more beds or possibly within a series of en-echelon lenses.

Gold is known to occur within both phyllite and quartz sweats (discussed below) along the projected strike of the auriferous horizon. The nature of this mineralization is unknown. However, the uniformity and duplicability of gold values in soil (confirmed by a subsequent deep soil profiling program) suggest that the gold is very fine-grained, possibly even colloidal.

A volcanogenic, syngenetic origin for the gold mineralization is favoured. As envisaged gold was chemically precipitated along with an iron-rich carbonate, in a back-arc setting, peripheral to basic, alkaline, arc-type volcanic centers. Gold was subsequently partly remobilized into quartz sweats during regional metamorphism.

Synmetamorphic Quartz Sweats

Small, conformable, lenses, pods and irregular veins of translucent to milky-white quartz are ubiquitous in the middle phyllite member and appear to have developed as "sweats" during regional metamorphism. Most are limonitic and many contain traces to minor amounts of pyrite. A few contain up to 5% pyrite.

Numerous samples of synmetamorphic quartz were analysed for gold and silver. With one exception, all of the anomalous values were obtained along the projected strike of the auriferous horizon over a strike length of about 1.7 km. Apart from the elevated gold values, there is no discernable difference between mineralized and unmineralized quartz.

From the high values obtained (up to +6000 ppb) it is apparent that gold is preferentially enriched in quartz sweats within the auriferous horizon.

Disseminated Copper Mineralization Within the Sheared Marginal Phase of the Mafic Sill Unit

On line 44 S.E. from about 8 S.W. to 10 S.W., finely disseminated chalcopyrite and pyrite occur within the sheared marginal phase of the mafic sill unit. Two samples of angular float mineralized with chalcopyrite and a pyrite outcrop with no apparent copper mineralization returned values of 1975 ppm and 795 ppm copper and 375 ppm copper respectively. The dimensions of the mineralized zone are unknown. The zone probably is tabular-shaped and conformable with the general shear direction developed within the host unit. The width of the zone could exceed 50 meters.

Porphyry-Style Copper Mineralization

Fine-grained, alkaline, granitic rocks host low-grade, porphyry-style copper mineralization on the Eureka Pk. Prospect. This property, which adjoins the Mac 2, 6 and 9 claims, is currently under option to Union Miniere.

Similar granitic rocks occur within the mafic sill unit along the south edge of the property but contain only minor copper mineralization.

Near the south end of the grid, approximately 200 meters west of line 35 N.W., a small area containing abundant angular float of a fine-grained, dark, pyritic intrusive was noted. A composite sample of this float geochemically assayed 1255 ppm copper.

Late-Stage Quartz Veins

Several pyritic quartz veins and abundant pyritic quartz float were noted along the north edge of the map - area. Quartz veins cross-cut the main crenulation foliation.

Most of the quartz contains minor amounts of chalcopyrite. Some varieties contain up to 2% chalcopyrite. Several samples of highly pyritic quartz with significant chalcopyrite were assayed for gold and silver with negative results.

SOIL GEOCHEMISTRY

In total 2050 soil samples were taken during the 1981 program. All samples were analysed for gold, silver, copper, lead, zinc and arsenic by Acme Analytical Laboratories Ltd., located at 852 E. Hastings St., Vancouver, B. C.

SAMPLING METHOD

Samples were obtained by digging holes with a maddock to a depth of 10 cm to 20 cm. The "B" horizon was sampled or in some cases the "B-C" horizon depending on soil development at each sample location. The samples were placed in waterproof kraft envelopes and the grid station was marked on the envelopes with indelible felt pens. Soil samples were taken at 50-meter intervals along all the grid lines.

LABORATORY DETERMINATION METHOD

All samples were first dried and then seived to obtain a -80 mesh fraction. The determination procedure was as follows:

	<u>Digestion:</u>	<u>Determination:</u>
Copper	- 0.5 gm sample is digested	- Atomic Absorption
Lead	in hot aqua regia.	
Zinc		
Silver		
Gold	- 10.0 gm sample is heated	- Atomic Absorption
	overnight to 600° C and then	
	digested hot with aqua regia.	
Arsenic	- 0.5 gm sample is digested	- Colorimetric
	in nitric/perchloric acids.	

All results are reported from Acme Labs in parts per million.

PRESENTATION OF RESULTS

Results of the soil analyses are shown in plan maps 220-6 to 220-11 at a scale of 1:10,000. Results are given in parts per million for silver, lead, zinc, copper and arsenic and in parts per billion for gold. Gold values greater than 94 ppb (light stippling) and 220 ppb (dark stippling) have been outlined in drawing 220-6. Silver values greater than 1.8 ppm and 3.6 ppm, copper values greater than 123 ppm and 246 ppm, lead values greater than 18 ppm and 30 ppm, zinc values greater than 144 ppm and 264 ppm and arsenic values greater than 61 ppm and 150 ppm have been likewise outlined in drawings 220-7 to 220-11 respectively.

DISCUSSION OF RESULTS

A statistical analyses of all elements analysed was carried out with the following results:

	<u>Au</u>	<u>Ag</u>	<u>Cu</u>	<u>Pb</u>	<u>Zn</u>	<u>As</u>
Population	2489	2492	2031	2050	2045	2043
Mean (\bar{x})	30.77ppb	0.85ppm	60ppm	11.8ppm	84ppm	15.2ppm
Standard Deviation (s)	63.11	0.94	62	6.4	60	44.7
Background (\bar{x})	<31	<0.9	<60	<12	<84	<15
Probably Anomalous (1S-2S)	94-157	1.8-27	123-194	18-24	144-204	61-105
Definitely Anomalous (2S-3S)	158-220	2.8-3.6	185-246	25-30	205-264	106-150
Highly Anomalous (3S)	>220	>3.6	>246	>30	>264	>150

Values of greater than 600 ppb gold (0.76% of population), 6.0 ppm silver (0.64%), 600 ppm copper (0.92%), 500 ppm zinc (0.05%) and 200 ppm arsenic (0.34%) were cut from the above calculations to avoid erroneous geochemical categories.

Gold

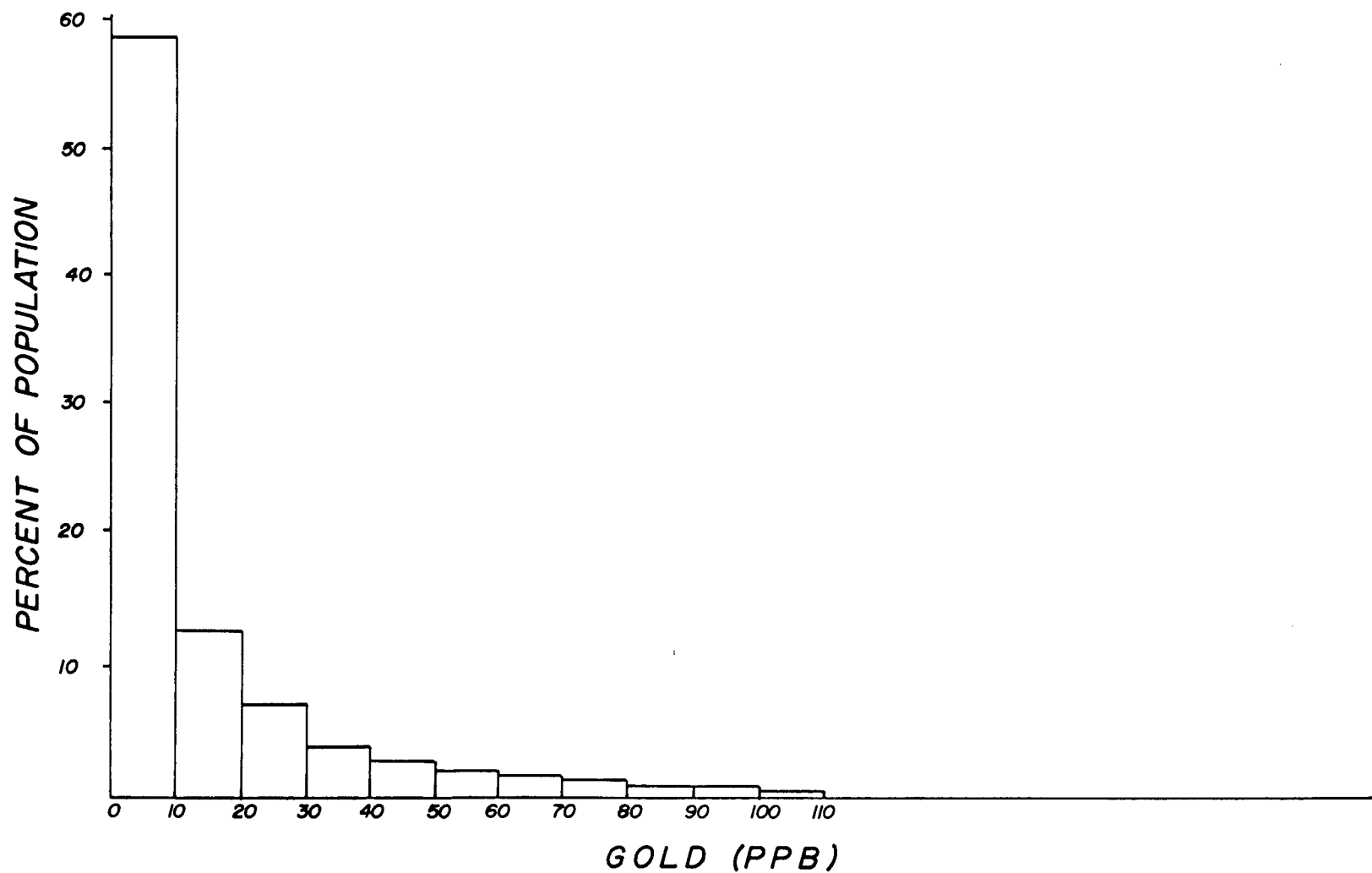
Gold values show a background of less than 31 ppb with anomalous values ranging from 94 ppb to 7250 ppb. A frequency distribution plot of the data (Fig. 220-4) shows that gold values are strongly negatively skewed. 85% of the population are 50 ppb or less and 71.5% 20 ppb or less.

Anomalous gold appears to be associated with two geological environments. The bulk of the anomalous gold values occur on the Kay 9, Kay 10 and Mac claims within an area underlain by the black, knotted-phyllite unit.

The main anomaly is conformable to the general strike of the phyllites and extends from Frasergold Creek to line 44 S.E., a distance of about 3.0 km. This anomaly is up to 300 meters wide with peak values of up to 1365 ppb gold. Samples of phyllite taken near the center of the anomaly returned values as high as 1130 ppb gold and samples of quartz ran as high as +6000 ppb gold.

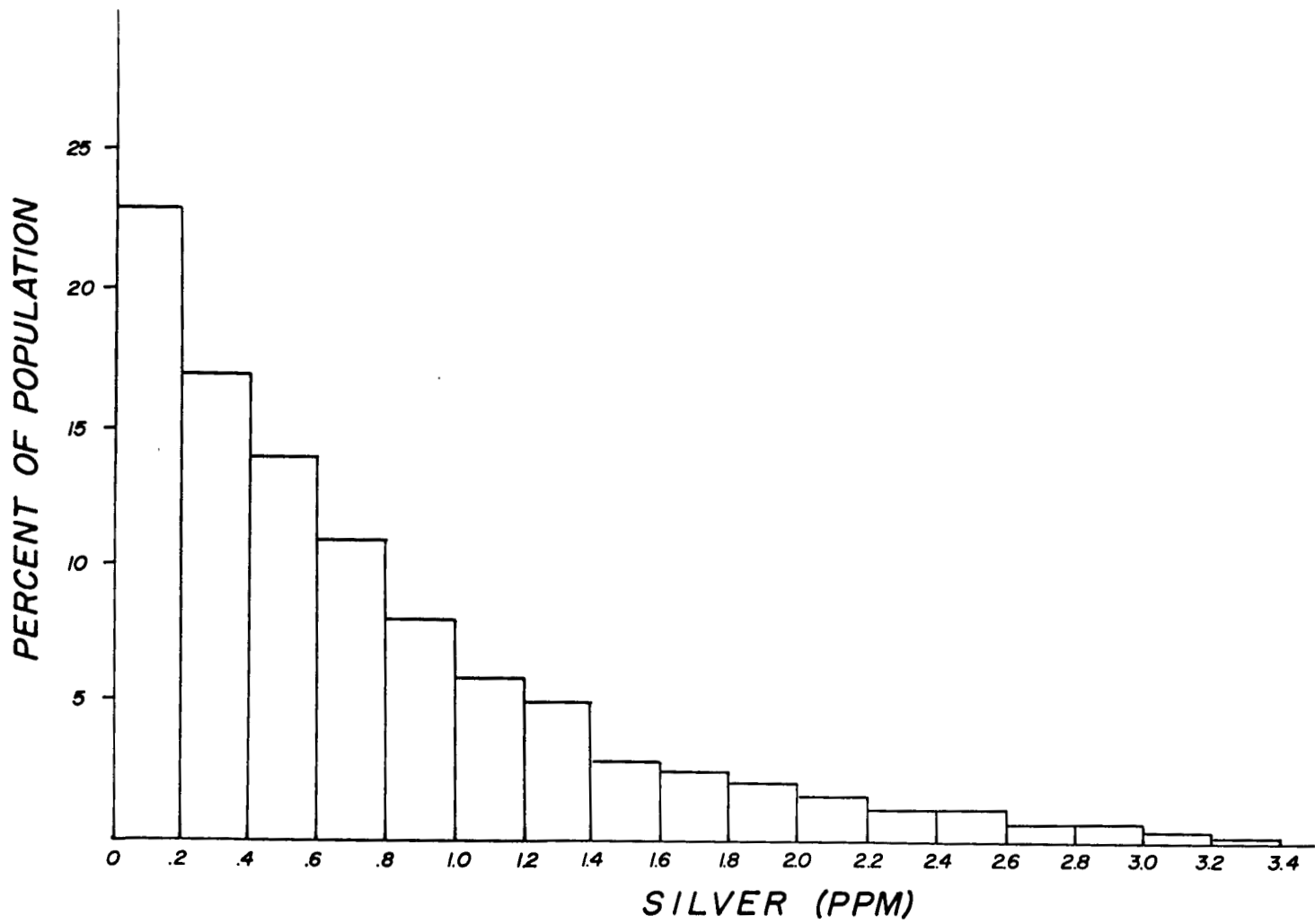
Based on the conformable nature of the main gold anomaly and on the confirmation of highly anomalous gold in phyllite within the anomaly area it is reasonable to assume that the gold is restricted to a distinct horizon. This auriferous horizon probably extends over the length of the main anomaly and possibly further; most of the area is heavily drift covered, especially immediately northwest of the main anomaly area to about line 2 N.W. and numerous isolated high gold values were obtained along the projected strike of the mineralized zone to the northwest and the southeast.

Anomalous gold in soils also occurs in the area underlain by the mafic sill unit and late-differentiate, alkaline, granitic rocks. Most of the anomalies are small and of relatively low magnitude. One exception occurs near the south end of Lines 25 S.E., 27 S.E and 29 S.E. Here gold values up to 7,250 ppb were obtained within an area underlain by a coarse-grained, mafic-rich phase of the sill unit. Nothing was noted which would account for the anomaly. However, the immediate area of the anomaly is covered by till and it is conceivable that this overburden could conceal one or more gold-bearing veins.



**FREQUENCY DISTRIBUTION OF GOLD IN SOILS
FRASERGOLD PROPERTY**

FIG. NO. 220-4



**FREQUENCY DISTRIBUTION OF SILVER IN SOILS
FRASERGOLD PROPERTY**

Silver

Silver values show a background of less than 0.9 ppm with anomalous values ranging from 1.8 ppm to greater than 35 ppm. As with gold, silver values show a strongly negatively skewed distribution (Fig. 220-5). 90.7% of the population are 2.0 ppm or less and 77.5% are 1.0 ppm or less.

The anomalous silver values appear to be much more scattered than gold. The following observations were made:

1. Anomalous silver values, for the most part appear to be restricted to the middle phyllite member.
2. While in detail there is no correlation between gold and silver values the two appear to be spatially related.
3. Two general areas of anomalous silver values are evident. The largest area is centered around the main gold anomaly and has the appearance of a broad halo around the auriferous zone. The second area occurs along the projected strike extension of the auriferous horizon to the northwest, between line 35 N.W. and line 10 S.E. with a distinct cluster of anomalous values centered between line 22 N.W. and line 5 N.W. This area is also associated with anomalous lead and zinc.
4. There is no correlation between silver and arsenic values.
5. There is no correlation between silver and copper values except on line 44 S.E., stations 8 +00 S.W. and 8 +50 S.W. Here anomalous silver is associated with highly anomalous copper and lead.

Mineralized float discovered in this area consists of pyrite and chalcopyrite disseminated within the highly sheared marginal phase of the mafic sill unit.

Copper

Copper values show a background of less than 60 ppm with anomalous values ranging from 123 ppm to 2496 ppm.

Anomalous copper values correlate very well with areas underlain by the mafic sill unit and alkaline, granitic rocks. The following relationships are apparent:

1. Strong, narrow zones of anomalous copper in soils are associated with the sheared marginal phase of the mafic sill unit. Localized areas of disseminated copper mineralization (up to 0.2% copper) were noted at several localities within this contact zone and correlate well with the observed anomalous soil geochemistry.
2. A large area of highly anomalous copper was delineated along the south end of the grid between line 15 S.E. and line 22 S.E. This anomaly is related to the down-slope migration of mineralized talus from the Eureka Pk. porphyry - copper prospect.
3. A few, small, copper anomalies occur scattered throughout the mainpart of the mafic sill unit. This unit has a high copper background and contains numerous small, low-grade copper showings.

Numerous, small, low-magnitude copper anomalies occur downslope of the mafic sill unit. These anomalies are attributed to the downslope migration of copper ions and in part to the occurrence of mineralized erratics. Locally, numerous pyritic (\pm minor chalcopyrite) alkaline granitic and mafic sill erratics form a significant component of the till in this area.

A strong copper anomaly (up to 1714 ppm) occurs north of the base line on line 15 S.E. and line 17 S.E. Although this anomaly may have a local bedrock source it is more likely of hydromorphic origin. The area is heavily drift covered, locally swampy and occurs at a distinct break-in-slope. Moreover, the high-order anomalies occur in close proximity to the creek which drains the area of highly anomalous copper in soils associated with the Eureka Peak copper prospect.

Lead

Lead shows a very narrow distribution of values with a standard deviation of only 6.4 ppm. Background is very low (\leq 12 ppm) with anomalous values ranging from 18 ppm to 214 ppm. Only one moderately high value (214 ppm) was obtained (south end of line 40 N.W.) and is associated with highly anomalous zinc and weakly anomalous arsenic and silver in an area underlain by black phyllite. All other values are less than 77 ppm.

Although lead values are not considered high, a plot of anomalous values shows an interesting pattern. There is a strong positive correlation between lead and silver. Lead shows the same apparent zonal distribution around the main gold anomaly and is also associated with the area of anomalous silver along the projected strike extension of the gold-bearing zone to the northwest.

Anomalous lead also is associated with the sheared mafic sill unit between line 50 S.E. and line 49 S.E.

Zinc

Zinc values show a background of less than 84 ppm with anomalous values ranging from 144 ppm to 1150 ppm.

The distribution of anomalous zinc is very similar to lead. Zinc occurs peripheral to the main gold anomaly, is intimately associated with lead and silver along the projected extension of the gold bearing zone to the northwest and locally is present along the mafic sill/phyllite contact.

Arsenic

Arsenic values generally are low throughout the survey area. Background is less than 15 ppm with anomalous values ranging from 60 ppm to 323 ppm.

Anomalous arsenic in soils is intimately associated with the mafic sill/phyllite contact. Based on the results of rock sampling, the arsenic occurs within the brown-weathering altered carbonate zones developed along the contact and within phyllites in close proximity to the contact zone.

There is no correlation between anomalous arsenic and anomalous gold or silver. High arsenic locally correlates with anomalous lead, zinc and copper.

ROCK GEOCHEMISTRY

In total, 141 rock samples were analysed for gold, silver, copper, zinc, arsenic and locally lead. Sample locations are plotted on map 220-3. A brief description of the samples and the values obtained are included in Appendix I.

DISCUSSION OF RESULTS

A statistical analysis of the data was not attempted because of the relatively small number of samples and the wide variety of material sampled.

The largest number of samples were taken from the black phyllite unit (81 samples). Briefly summarized the results for this unit are as follows:

	<u>No.</u>	<u>Range</u>	<u>Estimated Background</u>	<u>Probably Anomalous</u>	<u>No. of Anomalous Samples</u>
gold	81	5-1130 ppb	5 ppb	> 25 ppb	16
silver	81	0.1-1.9 ppm	0.3 ppm	> 1.0 ppm	18
lead	47	4-27 ppm	15 ppm	> 30 ppm	0
zinc	81	37-906 ppm	80 ppm	> 150 ppm	11
copper	81	1-152 ppm	40 ppm	> 70 ppm	15
arsenic	81	1-133 ppm	10 ppm	> 20 ppm	10

Gold

Gold values range from 5 ppb to 5700 ppb. Most of the highly anomalous values were obtained from quartz sweats or from black phyllite along the projected strike of the auriferous horizon. One high value (5700 ppb) with 3.98 oz per tonne silver and 4135 ppm lead was obtained from a quartz lense in phyllite in the northwest part of the property and a few anomalies (up to 300 ppb) were obtained from black phyllite near the center of the property adjacent to the mafic sill unit.

Silver

Silver values range from 0.1 ppm to 3.4 ppm (excluding the high silver assay associated with galena in quartz on line 35 N.W.). Nineteen values are greater than 1.0 ppm silver. Of these, 18 are from black phyllite or synmetamorphic quartz sweats within black phyllite. There is a positive correlation between high silver and elevated values for copper and zinc in black phyllite. There is no correlation between high silver and high gold in phyllite.

Lead

The only high lead value was obtained from the quartz pod on line 35 N.W. This sample contained visible galena.

Zinc

Zinc values range from 2 ppm to 906 ppm. All of the anomalous values (ie. > 150 ppm) were obtained from black phyllite and are associated with elevated copper and silver values.

Copper

High geochemical copper values were obtained from several samples of alkaline granitic intrusive and the sheared marginal phase of the mafic sill unit. All of these samples contained visible copper mineralization which occurs within restricted zones within these units.

Anomalous copper is associated with anomalous zinc and silver in the black phyllite unit.

Arsenic

Arsenic values range from 1 ppm to 558 ppm. A general background for most units is about 10 ppm.

High arsenic values in rock were obtained from altered carbonate zones peripheral to the mafic sill unit and from phyllites in close proximity to the mafic sill unit. Anomalous arsenic in rocks correlated very well with areas of anomalous arsenic in soils.

There is no correlation between arsenic, gold and silver.

CONCLUSIONS AND RECOMMENDATIONS

The 1981 program has confirmed the potential for a low-grade, bulk-tonnage gold/silver deposit on the Frasergold Property. Mineralization appears to consist of very fine-grained, possibly colloidal gold along a particular stratigraphic horizon within a sequence of Upper Triassic black phyllites. The auriferous horizon occurs within an iron/carbonate - rich facies of phyllite. Synmetamorphic quartz veins are preferentially enriched within this horizon and yield gold values of up to +6.0 grammes per tonne.

Although the mineralization may be genetically related to a mafic sill unit a volcanogenic/syngenetic model is favoured whereby gold is chemically precipitated within iron/carbonate - rich muds peripheral to alkaline, basic, arc-type volcanic centers.

The work performed to date on the Frasergold property is inconclusive. The property is, however, of considerable merit and systematic diamond drilling is warranted to establish the continuity of the auriferous horizon and the degree to which it is mineralized.

The following two-phase program is recommended:

RECOMMENDED PROGRAM

Phase I

- a). road construction
-approximately 4.0 km of road construction will be necessary to provide access for diamond drilling.

b). diamond drilling

-12 holes totalling 1320 meters; as proposed below, these drill holes will cross-cut the main gold anomaly along four section lines. This will test a stratigraphic interval of about 300 meters over a strike length of 2.2 km. The specific location and depth of each proposed hole is as follows:

<u>Section</u>	<u>Location</u>	<u>Depth</u>	<u>Direction</u>
L47 S.E.	1+00 SW	110 meters	-50° NE
L47 S.E.	B.L.	110 "	-50° NE
L47 S.E.	1+00 NE	110 "	-50° NE
L53 S.E.*	2+00 SW	110 "	-50° NE
L53 S.E.	1+00 SW	110 "	-50° NE
L53 S.E.	B.L.	110 "	-50° NE
L59 S.E.	2+50 SW	110 "	-50° NE
L59 S.E.	1+50 SW	110 "	-50° NE
L59 S.E.	0+50 SW	110 "	-50° NE
L69 S.E.	6+00 SW	110 "	-50° NE
L69 S.E.	5+00 SW	110 "	-50° NE
L69 S.E.	4+00 SW	110 "	-50° NE

* hypothetical line; not an actual grid line.

Phase II

-follow-up diamond drilling; an additional 1500 meters of diamond drilling should be budgeted for; this drilling would be contingent upon the results of Phase I drilling.

ESTIMATED COST OF RECOMMENDED PROGRAM

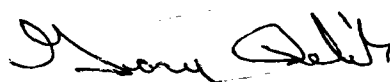
Phase I

a).	road construction	\$20,000.00
b).	diamond drilling -1320 meters at \$65.00/meter	85,800.00
c).	geochemical analyses -sample all drill core at 3 meter intervals	3,000.00
d).	supervision, core logging, report preparation	10,000.00
e).	contingency	<u>6,200.00</u>
	Total Phase I	\$ 125,000.00

Phase II

	-1500 meters diamond drilling, all inclusive	<u>115,000.00</u>
	Total Phase I & II	<u>\$ 240,000.00</u>

Respectfully Submitted,



Gary Belik, Geologist

November 16, 1981

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APPENDIX I

ROCK SAMPLE DESCRIPTIONS

ROCK SAMPLE DESCRIPTIONS

<u>SAMPLE #</u>		<u>Au</u> (ppb)	<u>Ag</u> (ppm)	<u>Pb</u> (ppm)	<u>Zn</u> (ppm)	<u>Cu</u> (ppm)	<u>As</u> (ppm)
81 BF 1	Coarse, altered, feldspar-rich intrusion.	5	0.1		23	2	8
" " 2	schist with rusty qtz. gashes.	90	0.2		57	1	25
" " 3	large, rusty, angular boulders of altered carbonate; dissem. py & po.	5	0.2		59	16	558
" " 6	coarse-grained, pyroxene-rich intrusive.	5	0.1		23	32	3
" " 9	fine-grained leuco-monzonite; abundant, finely dissem. py, po and magnetite.	5	0.3		12	195	4
" " 11	light green, thinly laminated tuff and silty tuff with black argillite.	5	0.2		37	82	2
" " 15	coarse-grained, dark green, mafic-rich intrusion.	5	0.1		21	14	2
" " 16	black phyllite with folded quartz veins.	5	0.5		129	19	2
" " 17	pyritic, sericite phyllite	5	0.3		36	23	27
" " 18	green, altered coarse-grained intrusive with coarse, dark grey mica (phlogopite?)	5	0.1		21	1	20
" " 19	limonite-stained quartz with phyllite fragments.	5	0.1		19	11	15

ROCK SAMPLE DESCRIPTIONS (cont)

<u>SAMPLE #</u>		<u>Au</u> <u>(ppb)</u>	<u>Ag</u> <u>(ppm)</u>	<u>Pb</u> <u>(ppm)</u>	<u>Zn</u> <u>(ppm)</u>	<u>Cu</u> <u>(ppm)</u>	<u>As</u> <u>(ppm)</u>
81 BF 20	phyllite without qtz.	5	0.1		84	37	7
" " 21	phyllite with numerous, thin qtz. veins.	5	0.4		70	33	9
" " 22	grey phyllite without qtz.	5	1.8		152	56	2
" " 23	rusty phyllite	5	1.1		128	59	3
" " 24	grey phyllite heavily impregnated with qtz.	5	0.4		36	21	4
" " 25	green phyllite	5	0.1		24	31	7
" " 27	pyritic, black phyllite	5	1.6		100	73	2
" " 28	white qtz.	5	0.6		22	7	2
" " 29	white qtz.	5	0.4		73	9	2
" " 30	rusty white qtz.	5	0.2		38	13	6
" " 31	black phyllite without qtz.	300	1.6		176	87	2
" " 32	rusty black phyllite	5	0.3		148	152	2
" " 33	plag-rich coarse-grained intrusive	5	0.1		16	1	3
" " 34	pyroxene-rich, pyritic, coarse- grained intrusive.	5	0.1		23	89	2
" " 36	grey phyllite with 5% po.	5	1.0		105	39	2

ROCK SAMPLE DESCRIPTIONS (cont)

<u>SAMPLE #</u>		<u>Au</u> (ppb)	<u>Ag</u> (ppm)	<u>Pb</u> (ppm)	<u>Zn</u> (ppm)	<u>Cu</u> (ppm)	<u>As</u> (ppm)
81 BF 37	rusty, grey phyllite.	5	0.5		215	83	2
" " 38	qtz. float with py & po.	0.003*	0.01*	51	9	45	2
" " 39	qtz. float with abundant py.	0.006*	0.01*	15	13	69	1
" " 40	5 cm to 10 cm qtz. vein well mineralized with py.	0.006*	0.02*	44	10	49	1
" " 41	schist	5	0.5		125	117	2
" " 44	black phyllite; abundant marcasite.	5	0.6		101	83	2
" " 45	rusty schist (Snowshoe Fm)	5	0.1		68	16	2
" " 47	2 cm - 8 cm late-stage qtz. vein	5	0.1		4	5	2
" " 50	altered greenstone with hydrothermal sericite.	5	0.1		32	38	8
" " 51	rusty, sericite/carb/qtz. vein	0.001*	0.01*	3	26	6	1
" " 53	pyritic qtz-se schist	0.001*	0.01*	45	44	48	4
" " 54	black crumbly phyllite	5	0.8		906	90	59
" " 55	quartz float; py, po ± cpy	0.001*	0.01*	9	56	320	7
" " 56	qtz-biotite-sericite schist; + 7% py & po	5	0.1		75	52	2
" " 57	argillaceous phyllite	5	0.2		122	15	2

Note: * oz per ton

ROCK SAMPLE DESCRIPTIONS (cont)

<u>SAMPLE #</u>		<u>Au</u> (ppb)	<u>Ag</u> (ppm)	<u>Pb</u> (ppm)	<u>Zn</u> (ppm)	<u>Cu</u> (ppm)	<u>As</u> (ppm)
81 BF 58	qtz float; pyrite, minor cpy	0.001*	0.04*	1	4	377	1
" " 59	qtz float; pyrite ± cpy	0.001*	0.01*	3	35	207	1
" " 60	qtz float with 70% py plus cpy	0.001*	0.16*	10	25	3890	5
" " 61	qtz float with + 10% sulphide	0.001*	0.04*	1	3	1092	6
" " 62	barren qtz float	0.001*	0.01*	1	2	8	1
" " 63	porous qtz float with clay and sericite.	0.001*	0.01*	1	2	18	1
" " 64	altered greenstone	5	1.7		78	287	4
" " 66	qtz float with pyrite ± cpy	0.001*	0.02*	23	5	712	2
" " 68	argillaceous phyllite	5	1.1		108	73	2
" " 69	phyllite	5	0.4		111	72	1
" " 70	laminated phyllite	5	0.8		139	106	2
" " 72	phyllite	5	1.0		115	39	2
" " 73	pyritic phyllite	10	1.1		62	46	2
" " 74	phyllite	10	1.9		116	71	2
" " 75	phyllite	20	1.0		99	64	2

Note * oz per ton

ROCK SAMPLE DESCRIPTIONS (cont)

<u>SAMPLE #</u>		<u>Au</u> (ppb)	<u>Ag</u> (ppm)	<u>Pb</u> (ppm)	<u>Zn</u> (ppm)	<u>Cu</u> (ppm)	<u>As</u> (ppm)
81 BF 100	coarse-grained pyroxene/plag intrusive; 1% - 2% py; trace cpy.	5	0.1		37	82	10
" " 101	very coarse-grained plag/pyroxene intrusive; 1% py	5	0.1		37	43	4
" " 102	pyritic float; from Eureka Pk Prospect.	5	0.1		14	310	4
" " 103	sheared, talcose and sericitic, coarse-grained, plag-rich intrusive	5	0.1		7	5	2
" " 105	chloritic schist; sheared marginal phase of mafic sill unit.	5	0.2		60	5	7
" " 106	rusty weathering dolomite/magnesite carbonate zone; fuchsite	5	0.6		80	70	63
" " 107	black phyllite	10	1.1		129	53	28
" " 108	light green schist; sheared marginal phase of mafic sill unit.	5	0.1		48	160	10
" " 109	grey phyllite	5	0.1		60	43	16
" " 110	rusty phyllite with qtz.	5	0.2		47	100	30
" " 111	black phyllite with qtz/carb vein material.	10	1.0		205	115	82
" " 112	phyllite	5	1.3		96	78	133

ROCK SAMPLE DESCRIPTIONS (cont)

<u>SAMPLE #</u>		<u>Au</u> (ppb)	<u>Ag</u> (ppm)	<u>Pb</u> (ppm)	<u>Zn</u> (ppm)	<u>Cu</u> (ppm)	<u>As</u> (ppm)
81 BF 113	dark grey to black phyllite	5	1.2		128	84	7
" " 114	phyllite	5	0.1		140	38	13
" " 115	resample of site 81BF-31	55	1.4		123	60	6
" " 116	phyllite	5	0.2		74	25	18
" " 117	phyllite	230	0.8		59	27	10
" " 119	light green, coarse-grained, plag-rich intrusive	5	0.1		27	10	3
" " 120	mafic sill unit	5	0.1		21	42	2
" " 121	coarse-grained, mafic-rich intrusive	10	0.2		43	87	10
" " 126	pyritic phyllite	10	1.4	8	137	88	2
" " 127	thinly laminated, quartzose, grey phyllite.	5	1.2	7	99	46	4
" " 128	phyllite	10	0.7	8	99	59	3
" " 130	quartz with pyrite	5	1.0	12	5	14	19
" " 131	phyllite	5	0.5	10	37	30	2
" " 132	phyllite	5	0.2	13	102	28	18

ROCK SAMPLE DESCRIPTIONS (cont)

<u>SAMPLE #</u>		<u>Au</u> (ppb)	<u>Ag</u> (ppm)	<u>Pb</u> (ppm)	<u>Zn</u> (ppm)	<u>Cu</u> (ppm)	<u>As</u> (ppm)
81 BF 133	sheared marginal phase of mafic sill unit; dissem cpy; float	35	3.4	8	100	1975	12
" " 133A	same as 133; float	10	0.5	4	12	795	8
" " 134	pyritic, sheared marginal phase of mafic sill unit.	5	0.4	12	41	375	2
" " 137	phyllite	5	0.2	11	91	32	15
" " 138	phyllite	5	0.2	6	92	13	15
" " 138A	phyllite	10	0.2	9	113	51	19
" " 139	lustrous qtz-se-cl schist inter-banded with grey phyllite.	5	0.6	9	107	36	15
" " 139A	phyllite	5	0.2	10	100	1	11
" " 140	phyllite	5	0.3	13	135	38	16
" " 141	pyritic phyllite	30	0.8	21	180	52	32
" " 141A	sheared mafic sill unit	5	0.2	4	94	3	12
" " 142	phyllite	10	0.3	9	109	30	4
" " 143	rusty phyllite	15	0.5	24	122	15	51
" " 143A	rusty qtz/carb vein; minor py	5	0.6	11	152	45	26

ROCK SAMPLE DESCRIPTIONS (cont)

<u>SAMPLE #</u>		<u>Au</u> (ppb)	<u>Ag</u> (ppm)	<u>Pb</u> (ppm)	<u>Zn</u> (ppm)	<u>Cu</u> (ppm)	<u>As</u> (ppm)
81 Bf 145	phyllite	5	0.1	12	96	26	22
" " 145A	rusty qtz float (near situ) with py and galena (very localized); sample taken of "high grade"	5700	3.98*	4135	31	18	12
" " 146	angular float of pyritic, dark, fine-grained intrusive; up to 10% py; minor cpy.	47	0.8	10	8	1255	8
" " 147	rusty phyllite	25	0.9	27	88	32	9
" " 148	phyllite	10	0.5	7	152	61	2
" " 149	phyllite	15	0.6	20	163	43	9
" " 151	phyllite	5	0.1	10	83	27	2
" " 152	highly pyritic rusty phyllite	5	0.8	15	153	77	2
" " 153	phyllite	10	0.2	8	113	37	15
" " 154	phyllite	5	0.2	11	133	27	21
" " 155	phyllite	15	1.4	9	172	67	2
" " 300	angular, white qtz boulder; no sulphides.	5	0.1	2	3	3	2
" " 301	phyllite	5	0.2	18	122	19	3

ROCK SAMPLE DESCRIPTIONS (cont)

<u>SAMPLE #</u>		<u>Au</u> (ppb)	<u>Ag</u> (ppm)	<u>Pb</u> (ppm)	<u>Zn</u> (ppm)	<u>Cu</u> (ppm)	<u>As</u> (ppm)
81 BF 302	phyllite; a few qtz laminations	5	0.2	18	105	33	2
" " 303	knotted phyllite	15	0.1	15	88	27	2
" " 304	qtz float	5	0.6	9	41	25	2
" " 305	phyllite; no qtz.	75	0.2	16	94	18	2
" " 305A	rusty qtz pod with dissem. py	3200	2.1	8	18	14	2
" " 306	phyllite	5	0.1	18	98	22	20
" " 308	phyllite	10	0.1	24	97	34	15
" " 309	knotted phyllite	25	0.7	18	98	7	2
" " 310	knotted phyllite	5	0.1	15	62	19	2
" " 311	knotted phyllite	570	0.2	15	142	28	2
" " 311A	knotted phyllite	30	0.2	15	78	11	2
" " 313	knotted phyllite	5	0.3	13	87	26	4
" " 314	knotted phyllite	30	0.1	16	82	13	2
" " 315	knotted phyllite; beside highly anomalous soil hole.	1130	0.3	16	122	17	2
" " 316	phyllite	5	0.2	13	68	12	7

ROCK SAMPLE DESCRIPTIONS (cont)

<u>SAMPLE #</u>		<u>Au</u> (ppb)	<u>Ag</u> (ppm)	<u>Pb</u> (ppm)	<u>Zn</u> (ppm)	<u>Cu</u> (ppm)	<u>As</u> (ppm)
81 BF 317	knotted phyllite	50	0.4	17	60	29	2
" " 317A	10 cm, conformable, rusty qtz vein	5	0.5	18	24	20	2
" " 318	phyllite	5	0.8	23	260	28	5
" " 318A	knotted phyllite	5	0.1	13	76	23	7
" " 319	knotted phyllite	5	0.2	15	84	9	2
" " 320	highly knotted phyllite	5	0.1	9	36	23	2
" " 321	highly knotted phyllite	595	0.3	12	67	13	2
L45SE 0+15 NE	angular phyllite in soil	50	0.4	15	105	17	2
L45SE 0+50 NE	" " "	35	0.4	4	41	8	2
L45SE 2+10 NE	" " "	10	0.3	5	88	22	5
L45SE 2+50 NE	" " "	5	0.1	10	96	39	2
L45SE 2+90 NE	" " "	5	1.1	11	122	33	2
L45SE 3+50 NE	" " "	5	1.0	13	103	33	2
L47SW B.L.	" " "	35	0.1	7	60	29	3
L50SE B.L.	" " "	5	0.1	7	139	11	2
L50SE 2+00 SW	" " "	10	0.1	6	77	31	19
L50SE 3+25 SW	" " "	5	0.1	12	86	25	15

APPENDIX II

CERTIFICATES OF ASSAY



To: Kerr, Dawson & Associates Ltd.,
#206 - 310 Nicola Street,
Kamloops, B.C.

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B. C. V6A 1R6
phone: 253 - 3158

File No. 81-0665 A
Type of Samples Rock
Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Ag	Au	Cu	Zn	As					
81 BF 1	.1	.005	2	23	8					1
2	.2	.090	1	57	25					2
3	.2	.005	16	59	558					3
6	.1	.005	32	23	3					4
9	.3	.005	195	12	4					5
11	.2	.005	82	37	2					6
15	.1	.005	14	21	2					7
16	.5	.005	19	129	2					8
17	.3	.005	23	36	27					9
18	.1	.005	1	21	20					10
19	.1	.005	11	19	15					11
20	.1	.005	37	84	7					12
21	.4	.005	33	70	9					13
22	1.8	.005	56	152	2					14
23	1.1	.005	59	128	3					15
24	.4	.005	21	36	4					16
25	.1	.005	31	24	7					17
27	1.6	.005	73	100	2					18
28	.6	.005	7	22	2					19
29	.4	.005	9	73	2					20
30	.2	.005	13	38	6					21
31	1.6	.300	87	176	2					22
32	.3	.005	152	148	2					23
33	.1	.005	1	16	3					24
34	.1	.005	89	23	2					25
36	1.0	.005	39	105	2					26
37	.5	.005	83	215	2					27
41	.5	.005	117	125	2					28
44	.6	.005	83	101	2					29
45	.1	.005	16	68	2					30
47	.2	.005	5	4	2					31
50	.1	.005	38	32	8					32
54	.8	.005	90	906	59					33
56	.1	.005	52	75	2					34
57	.2	.005	15	122	2					35
64	1.7	.005	287	78	4					36
68	1.1	.005	73	108	2					37
81 BF 69	.4	.005	71	111	2					38
										39
										40

All reports are the confidential property of clients
All results are in PPM.
DIGESTION:.....
DETERMINATION:.....

DATE SAMPLES RECEIVED July 4, 1981
DATE REPORTS MAILED July 13, 1981
ASSAYER Dean Toyé
DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0665 A

Type of Samples Rock

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Ag	Au	Cu	Zn	As						
81 BF 70	.8	.005	106	139	2						1
72	1.0	.005	39	115	2						2
73	1.1	.010	46	62	2						3
74	1.9	.010	71	116	2						4
81 BF 75	1.0	.020	64	99	2						5
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All reports are the confidential property of clients
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED July 4, 1981

DATE REPORTS MAILED July 13, 1981

ASSAYER Dean Toye

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,
Suite 206, Nicola Place,
310 Nicola Street,
Kamloops, B.C.
V2C 2P5

File No. 81-0665 B

Type of Samples Rock

Disposition _____

ASSAY CERTIFICATE

No.	Sample	Ag oz/ton	Au oz/ton	Geo		Geo		Geo		No.
				Cu	Pb	Zn	As			
1	81 BF 38	.01	.003	45	51	9	2			1
2	39	.01	.006	69	15	13	1			2
3	40	.02	.006	49	44	10	1			3
4	51	.01	.001	6	3	26	1			4
5	53	.01	.001	48	45	44	4			5
6	55	.01	.001	320	9	56	7			6
7	58	.04	.001	377	1	4	1			7
8	59	.01	.001	207	3	35	1			8
9	60	.16	.001	3890	10	25	5			9
10	61	.04	.001	1092	1	3	6			10
11	62	.01	.001	8	1	2	1			11
12	63	.01	.001	18	1	2	1			12
13	65	.01	.001	101	2	10	3			13
14	81 BF 66	.02	.001	712	23	5	2			14
15										15
16										16
17										17
18										18
19										19
20										20

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DATE SAMPLES RECEIVED July 4, 1981

DATE REPORTS MAILED July 13, 1981

ASSAYER Dean Toye

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,
206 - 310 Nicola Street,
Kamloops, B.C.
V2C 2P5

File No. 81-1018
Type of Samples Rock & Soil
Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Zn	Ag	Au	As							
81 BF - 100	R	82	37	.1	.005	10							1
101		43	9	.1	.005	4							2
102		310	14	.1	.005	4							3
103		5	7	.1	.005	2							4
105		5	60	.2	.005	7							5
106		70	80	.6	.005	63							6
107		53	129	1.1	.010	28							7
108		160	48	.1	.005	10							8
109		43	60	.1	.005	16							9
110		47	100	.2	.005	30							10
111		115	205	1.0	.010	82							11
112		78	96	1.3	.005	133							12
113		84	128	1.2	.005	7							13
114		38	140	.1	.005	13							14
115		60	123	1.4	.055	6							15
116		25	74	.2	.005	18							16
117		27	59	.8	.230	10							17
119		10	27	.1	.005	3							18
120		42	21	.1	.005	2							19
81 BF - 121	R	87	43	.2	.010	10							20
81 BF - 118	R	8	24	.1	.010	6							21
													22
L27SE 5+50 SW		22	33	.1	.030	10							23
6+50 SW		38	53	.1	.090	13							24
L27SE 7+50 SW		35	44	.1	.685	16							25
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All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Aug. 11, 1981

DATE REPORTS MAILED Aug. 21, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: G. Belik & Associates, 206 - 310 Nicola Street, Kamloops, B.C. V2C 2P5

File No. 81-1061

c.c. Kerr, Dawson & Associates

Type of Samples Rock & Soil

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

ASSAY

Table with columns: SAMPLE No., Cu, Pb, Zn, Ag, As, Au, Ag oz/ton. Rows include sample numbers 81 BF 126 through 155 with corresponding assay values for various elements.

All reports are the confidential property of clients All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Aug. 14, 1981

DATE REPORTS MAILED Aug. 25, 1981

ASSAYER

DEAN TOYE, B.Sc. CHIEF CHEMIST CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

File No. 81-1422

Type of Samples Soils & Rocks

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.			Cu	Pb	Zn	Ag	As	Au					
47SE	3	NE A				6.0		.005					1
		B				8.7		.005					2
		C				17.0		.005					3
47SE	3	NE D				6.5		.005					4
													5
81BF	300	R	3	2	3	.1	2	.005					6
	301	R	19	18	122	.2	3	.005					7
	302	R	33	18	105	.2	2	.005					8
	303	R	27	15	88	.1	2	.015					9
	304	R	25	9	41	.6	2	.005					10
	305	R	18	16	94	.2	2	.075					11
	305A	R	14	8	18	2.1	2	3.200					12
81BF	306	R	22	18	98	.1	20	.005					13
													14
81BF	308	R	34	24	97	.1	15	.010					15
	309	R	7	18	98	.7	2	.025					16
	310	R	19	15	62	.1	2	.005					17
	311	R	28	15	142	.2	2	.570					18
81BF	311A	R	11	15	78	.2	2	.030					19
													20
81BF	313	R	26	13	87	.3	4	.005					21
	314	R	13	16	82	.1	2	.030					22
	315	R	17	16	122	.3	2	1.130					23
	316	R	12	13	68	.2	7	.005					24
	317	R	29	17	60	.4	2	.050					25
	317A	R	20	18	24	.5	2	.005					26
	318	R	28	23	260	.8	5	.005					27
	318A	R	23	13	76	.1	7	.005					28
	319	R	9	15	84	.2	2	.005					29
	320	R	23	9	36	.1	2	.005					30
81BF	321	R	13	12	67	.3	2	.595					31
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All reports are the confidential property of clients
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Sept. 22, 1981

DATE REPORTS MAILED Oct. 5, 1981

ASSAYER

Dean Toy

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: G. Belik & Associates

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

File No. 81-1061

Type of Samples Rock, Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Pb	Zn	Ag	As	Au						
L45SE 0+15 NE	17	15	105	.4	2	.050						1
0+50 NE	8	4	41	.4	2	.035						2
L45SE 2+10 NE	22	5	88	.3	5	.010						3
												4
L47SW BL	19	7	60	.1	3	.035						5
												6
L50SE BL	11	7	139	.1	2	.005						7
L50SE 2+00 SW	31	6	77	.1	19	.010						8
L50SE 3+25 SW	25	12	86	.1	15	.005						9
												10
BL 43+00 SE soil	99	19	138	9.1	7	.070						11
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All reports are the confidential property of clients
 All results are in PPM.
 DIGESTION:.....
 DETERMINATION:.....

DATE SAMPLES RECEIVED Aug. 14, 1981
 DATE REPORTS MAILED Aug. 25, 1981
 ASSAYER Dean Toye

DEAN TOYE, B.Sc.
 CHIEF CHEMIST
 CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,
Suite 206, Nicola Place,
310 Nicola Street,
Kamloops, B.C.
V2C 2P5

File No. 81-1309

Type of Samples Rock

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Pb	Zn	Ag	As	Au							
45SE 2+50NE	29	10	96	.1	2	.005							1
45SE 2+90NE	33	11	122	1.1	2	.005							2
45SE 3+50NE	33	13	103	1.0	2	.005							3
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All reports are the confidential property of clients
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Sept. 9, 1981

DATE REPORTS MAILED Sept. 14, 1981

ASSAYER Dean Toye

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

Table with columns: SAMPLE No., Cu, Pb, Zn, Ag, As, Au, and a numbered index column (1-40). Rows include sample IDs like 62SE 3 SW, 64SE 0+50 SW, and 65SE 0+50 NE.

All reports are the confidential property of clients
All results are in PPM.

DIGESTION:

DETERMINATION:

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

81-0614

File No. _____

Type of Samples _____

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
L0	10+00 SW	40	8	28	.1	9	.005						1
	10+50	636	7	58	.6	10	.005						2
	11+00	20	6	22	.1	14	.005						3
	11+50	33	6	37	.3	10	.005						4
	12+00	25	6	19	.1	7	.005						5
	12+50	104	7	25	.3	4	.005						6
	13+00	27	3	40	.1	5	.005						7
	13+50	33	5	19	.1	11	.005						8
	14+00	25	4	29	.1	9	.005						9
	14+50	19	7	13	.1	4	.105						10
L0	15+00 SW	23	3	25	.4	12	.010						11
													12
L0	0+50 NE	23	9	46	.3	16	.005						13
	1+00	23	9	49	.5	11	.025						14
	1+50	33	8	40	.7	15	.010						15
	2+00	20	7	39	.2	9	.020						16
	2+50	13	9	33	.5	9	.010						17
	3+00	28	5	29	.3	12	.005						18
	3+50A	18	8	36	.6	12	.005						19
	4+00	25	9	42	.4	14	.010						20
	4+50	139	10	73	.6	22	.015						21
L0	5+00 NE	76	10	114	.3	10	.005						22
													23
L40	0+50 NE	16	8	51	.3	11	.020						24
	1+00	33	15	104	1.3	13	.025						25
	1+50	19	17	76	.7	15	.010						26
	2+00	21	14	83	.8	13	.110						27
	2+50	27	17	100	1.0	10	.015						28
	3+00	8	1	40	.1	2	.005						29
	3+50	53	36	220	1.9	14	.005						30
	4+00	13	5	55	.7	2	.005						31
	4+50	2	2	6	1.4	1	.005						32
	5+00	55	19	240	2.2	9	.010						33
	5+50	5	2	26	.5	2	.005						34
	6+00	31	24	124	.8	5	.005						35
	6+50	8	3	34	.1	2	.005						36
	7+00	172	21	345	6.2	4	.005						37
L40	7+50 NE	20	7	73	.2	5	.005						38
													39
													40

All reports are the confidential property of clients
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 28, 1981

DATE REPORTS MAILED July 7, 1981

ASSAYER Dean Toye

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0614

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Pb	Zn	Ag	As	Au					
B/L 61+00 SE	48	16	164	.5	7	.060					1
61+50	52	17	155	2.3	12	.070					2
62+00	34	19	95	.9	18	.045					3
62+50	44	13	87	1.5	12	.005					4
63+00	23	14	105	.7	14	.005					5
63+50	34	19	140	.5	14	.010					6
64+00	52	17	119	.8	17	.010					7
64+50	51	20	136	.8	17	.010					8
65+00	36	16	108	.9	22	.130					9
65+50	67	22	123	.9	24	.255					10
66+00	34	18	161	1.1	13	.070					11
66+50	38	15	126	.9	3	.005					12
67+00	39	41	122	3.1	10	.005					13
67+50	46	17	163	.5	7	.100					14
68+00	75	40	224	2.0	13	.010					15
68+50	87	21	318	1.4	5	.115					16
69+00	26	17	127	.6	8	.100					17
B/L 69+50 SE	62	17	289	2.0	5	.010					18
											19
LO 0+00 SW	21	11	45	.6	10	.010					20
1+00	39	6	33	.2	10	.010					21
1+50	48	9	41	.5	10	.005					22
1+50A	77	11	71	.5	9	.020					23
2+00	24	11	41	.2	5	.020					24
2+50	134	11	68	.4	15	.125					25
3+00	39	12	54	.3	11	.010					26
3+50	36	13	38	.4	13	.020					27
4+00	82	17	171	.5	16	.025					28
4+50	23	10	38	.4	14	.005					29
5+00	21	8	28	.1	10	.050					30
5+50	26	11	49	.3	17	.120					31
6+00	38	10	34	.3	16	.005					32
6+50	49	10	40	.6	6	.005					33
7+00	63	9	30	.3	17	.005					34
7+50	84	9	29	.3	10	.005					35
8+00	85	8	31	.3	8	.005					36
8+50	100	6	41	.3	19	.005					37
9+00 SW	24	9	24	.1	9	.020					38
LO 9+50ASW	319	8	44	.3	7	.005					39
											40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 28, 1981

DATE REPORTS MAILED July 7, 1981

ASSAYER *Dean Toye*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0571

Type of Samples Soil

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au					
67SW	0+50NE	52	15	164	2.3	18	.020					1
	2	48	14	183	1.9	18	.075					2
	2+50	17	11	58	1.0	4	.020					3
	3	49	15	124	1.4	5	.170					4
	3+50	31	12	88	.6	10	.015					5
67SW	4 NE	27	10	76	1.2	13	.005					6
												7
69SE	0+50SW	32	11	128	2.1	7	.045					8
	1	25	7	101	.8	9	.030					9
	1+50	11	5	45	.2	3	.045					10
	2	65	21	143	1.9	7	.005					11
	2+50	51	23	195	.7	14	.030					12
	3	54	23	336	2.2	45	.205					13
	3+50	25	8	89	.4	11	.160					14
	4	43	14	170	.8	23	.175					15
	4+50	25	9	78	.7	20	.305					16
	5	38	14	64	1.1	13	.670					17
	5+50	30	22	86	.1	32	.160					18
	6	21	5	49	.1	22	.020					19
	6+50	9	3	18	.5	9	.005					20
	7	31	34	89	.6	27	.005					21
69SE	7+50SW	39	15	110	.1	31	.005					22
												23
70SE	0+50SW	34	21	156	.7	28	.030					24
	1	27	14	85	1.2	10	.035					25
	1+50	27	17	95	1.2	13	.045					26
	2	73	13	226	.8	8	.140					27
	2+50	53	14	370	1.9	18	.035					28
	3	61	17	375	.7	27	.075					29
	3+50	44	15	157	2.9	19	.195					30
	4	49	15	139	.2	19	.375					31
	4+50	65	16	139	5.0	19	.040					32
	5	35	11	64	.1	10	.035					33
	5+50	39	15	70	.6	21	.010					34
	6	32	11	71	2.1	25	.005					35
	6+50	43	6	64	.8	26	.005					36
	7	34	15	80	.3	27	.005					37
70SE	7+50SW	31	15	89	.5	29	.005					38
												39
												40

All reports are the confidential property of clients
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au					
65SE	2+50NE	33	11	122	.6	19	.005					1
	3	43	14	117	1.3	20	.005					2
	3+50	23	12	86	.7	9	.025					3
65SE	4 NE	39	14	139	.4	27	.030					4
												5
65SE	0+50SW	44	17	118	.8	23	.185					6
	1	109	19	182	1.2	39	.005					7
	1+50	27	12	90	.7	18	.015					8
	2	29	7	122	.3	17	.070					9
	2+50	30	7	62	1.5	19	.360					10
	3	36	10	96	.6	22	.160					11
	3+50	51	12	132	.7	19	.065					12
	4	32	11	92	.5	18	.005					13
	4+50	37	15	79	1.9	31	.005					14
	5	61	16	173	.7	36	.005					15
	5+50	55	15	155	1.2	27	.005					16
	6	40	10	83	.6	26	.005					17
	6+50	50	20	130	.3	69	.005					18
	7	55	19	173	.7	48	.005					19
65SE	7+50SW	31	16	106	.7	36	.005					20
												21
67SE	0+50SW	51	31	169	.5	13	.005					22
	1	41	18	129	1.4	12	.005					23
	1+50	46	17	153	2.4	12	.005					24
	2	81	13	244	1.3	11	.015					25
	2+50	53	20	184	.2	27	.080					26
	3	40	10	100	.2	12	.595					27
	3+50	46	11	122	1.1	14	.030					28
	4	40	12	85	.2	17	.005					29
	4+50	40	12	88	.6	24	.005					30
	5	6	39	102	1.4	24	.005					31
	5+50	28	10	61	.4	20	.005					32
	6	28	6	50	.3	21	.005					33
	6+50	12	4	27	.5	14	.005					34
	7	19	11	29	.3	19	.005					35
	7+50	17	6	28	.6	14	.005					36
67SE	8 SW	17	3	43	.1	16	.005					37
												38
												39
												40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER

DKO

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0614

Type of Samples Soils

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

SAMPLE No.	Cu	Pb	Zn	Ag	As	Au						
L25NW 1+00 NE	24	8	52	.1	8	.005						1
1+50	14	9	28	.1	7	.005						2
2+00	28	8	28	.1	5	.005						3
2+50	69	11	99	1.0	6	.005						4
3+00	59	7	54	.1	1	.010						5
3+50	44	6	44	.1	5	.030						6
4+00	103	10	96	.6	9	.020						7
4+50	14	12	53	1.6	4	.005						8
L25NW 5+00 NE	7	8	22	.1	3	.005						9
												10
L35NW 0+50 NE	86	8	103	.7	2	.005						11
1+00	20	13	116	1.6	2	.005						12
1+50	32	10	81	.6	3	.045						13
2+00	33	8	47	.1	3	.005						14
2+50	36	15	94	.2	3	.005						15
L35NW 3+00 NE	18	10	74	1.1	1	.005						16
												17
B/L 50+00 SE	25	14	70	1.3	10	.035						18
50+50	26	16	105	.7	6	.365						19
51+00	34	12	96	.6	11	.120						20
51+50	30	17	100	.7	13	.110						21
52+00	28	14	89	.6	9	.120						22
52+50	41	14	128	1.0	16	.155						23
53+00	29	15	110	.9	22	.035						24
53+50	44	19	88	1.3	13	.040						25
54+00	34	21	103	.9	50	.070						26
54+50	44	18	102	.6	31	.215						27
55+00	39	23	123	1.1	12	.065						28
55+50	40	13	82	1.3	8	.090						29
56+00	33	15	78	1.8	10	.235						30
56+50	39	13	121	1.6	10	.195						31
57+00	35	13	105	1.1	6	.065						32
57+50	37	14	114	.7	7	.150						33
58+00	31	18	123	1.3	11	.020						34
58+50	104	20	750	2.9	40	.030						35
59+00	15	9	66	.4	8	.250						36
59+50	39	16	121	.9	9	.290						37
60+00	17	10	56	1.2	3	.110						38
B/L 60+50 SE	35	17	134	.9	7	.015						39
												40

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 All results are in PPM.
 DIGESTION:.....
 DETERMINATION:.....

DATE SAMPLES RECEIVED June 28, 1981
 DATE REPORTS MAILED July 7, 1981
 ASSAYER *[Signature]*

DEAN TOYE, B.Sc.
 CHIEF CHEMIST
 CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd., Suite 206, Nicola Place, 310 Nicola Street, Kamloops, B.C. V2C 2P5

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6 phone:253 - 3158

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

Table with columns: S SAMPLE No., Cu, Pb, Zn, Ag, As, Au, and numbered rows 1-40. Data includes sample IDs like BL 0+50SE and various element concentrations.

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER

DEAN TOYE, B.Sc. CHIEF CHEMIST CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

Table with columns: SAMPLE No., Cu, Pb, Zn, Ag, As, Au, and a numbered index column (1-40). Rows list sample IDs like BL 19+50SE and their corresponding assay values for various elements.

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All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
BL 38 SE		38	10	84	.9	10	.115						1
38+50		53	10	100	.7	12	.020						2
39		41	9	101	.4	9	.060						3
39+50		50	11	104	.6	15	.040						4
40		53	17	116	.1	15	.045						5
40+50		44	14	87	.5	11	.050						6
41		50	12	109	.2	10	.120						7
41+50		43	13	99	.1	11	.075						8
42		40	12	56	.6	19	.360						9
42+50		48	14	125	.3	8	.015						10
43		183	24	148	+35.0	16	.160						11
43+50		21	12	57	.3	6	.040						12
44		44	15	96	.9	5	.045						13
44+50		28	14	82	.3	6	.035						14
45		54	15	118	2.9	11	.090						15
45+50		8	5	27	.4	2	.175						16
46		61	17	113	1.8	31	.110						17
46+50		9	4	19	.4	5	.095						18
47		33	16	87	.7	15	.100						19
47+50		20	11	49	.6	11	.085						20
48		26	7	70	.9	10	.080						21
48+50		19	9	62	1.0	5	.450						22
49		54	21	117	4.8	16	.140						23
BL 49+50 SE		35	13	81	.3	8	.085						24
													25
BL 0+50 NW		47	6	53	.3	13	.010						26
1		72	9	88	.7	12	.055						27
1+50		65	8	67	.1	12	.060						28
2		89	4	77	1.1	9	.015						29
2+50		32	7	33	.3	9	.030						30
3		45	7	55	.2	23	.010						31
3+50		21	6	27	.1	9	.015						32
4		37	9	36	.4	20	.045						33
4+50		59	11	66	.7	12	.035						34
5		N.S.											35
5+50		25	8	55	.6	11	.005						36
6		83	11	149	.3	8	.020						37
BL 6+50 NW		52	13	137	1.2	9	.010						38
													39
													40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER *DE*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

Table with columns: SAMPLE No., Cu, Pb, Zn, Ag, As, Au, and numbered rows 1-40. Data includes sample IDs like BL 7 NW, BL 14 NW, BL 14+50NW, and various chemical concentrations.

All reports are the confidential property of clients
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER

Handwritten signature/initials

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Pb	Zn	Ag	As	Au					
BL 25+50 NW	38	11	67	.8	7	.025					1
26	159	15	228	.9	10	.005					2
26+50	123	14	332	1.8	10	.015					3
27	27	12	116	.9	8	.010					4
27+50	29	10	112	.6	6	.005					5
28	125	19	273	1.1	54	.005					6
28+50	45	15	139	.3	7	.005					7
29	159	24	378	2.5	15	.005					8
29+50	31	8	97	1.2	7	.005					9
30	N.S.										10
30+50	24	9	89	.5	6	.005					11
31	28	8	153	1.0	12	.005					12
31+50	97	15	177	5.8	11	.010					13
32	37	16	125	.9	15	.005					14
32+50	82	12	151	2.6	13	.005					15
33	55	7	107	.9	7	.060					16
33+50	40	7	103	.4	10	.005					17
34	143	11	160	1.5	9	.005					18
34+50	132	9	142	4.5	4	.005					19
35	N.S.										20
35+50	92	4	62	.4	7	.005					21
36	117	7	67	.5	9	.010					22
36+50	122	5	64	.4	8	.005					23
37	66	2	39	.2	5	.070					24
37+50	48	4	67	.5	7	.005					25
38	68	8	118	.7	12	.010					26
38+50	142	3	124	.3	4	.030					27
39	8	4	38	.7	1	.005					28
39+50	20	7	64	1.3	3	.005					29
BL 40 NW	163	5	109	2.7	7	.495					30
5NW 0 SW	105	7	127	1.0	6	.040					32
0+50	24	5	55	.3	10	.010					33
1	78	5	207	1.4	8	.010					34
1+50	24	11	104	1.2	8	.005					35
2	135	14	312	2.6	9	.100					36
2+50	50	17	143	.6	4	.005					37
5NW 3 SW	41	12	112	2.1	7	.005					38
											39
											40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

File No. 81-0571
Type of Samples Soil
Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
5NW 3+50 SW		25	13	73	1.7	9	.005						1
4		53	18	77	1.1	15	.010						2
4+50		45	30	74	.5	18	.005						3
5		166	21	204	5.3	22	.005						4
5+50		51	35	260	.8	86	.005						5
6		126	17	122	.8	41	.005						6
6+50	N.S.												7
7		71	8	57	.2	21	.010						8
7+50		391	12	81	1.3	42	.005						9
8		116	3	50	.5	14	.005						10
8+50		59	9	43	.4	15	.005						11
9		22	6	34	.1	9	.010						12
9+50		19	6	28	.1	10	.005						13
10		20	4	70	.5	20	.005						14
10+50		32	6	48	.4	17	.005						15
11		82	5	61	.4	15	.005						16
11+50		24	6	50	.1	14	.005						17
12		103	4	67	.4	17	.005						18
12+50		26	6	42	.1	8	.025						19
13		59	11	79	.3	11	.020						20
13+50		90	11	98	.4	15	.025						21
5NW 14 SW		23	7	42	.2	10	.005						22
													23
5SE 0+50 SW		94	10	188	.6	14	.015						24
1		46	13	103	.8	15	.005						25
1+50		27	27	144	.3	20	.005						26
2		20	8	76	3.1	2	.005						27
2+50		30	8	89	.5	2	.070						28
3		39	16	84	1.0	10	.005						29
3+50		33	20	159	.7	37	.055						30
4		368	8	58	.9	67	.010						31
4+50	N.S.												32
5		42	9	49	.2	23	.005						33
5+50		4	8	11	.1	3	.005						34
5SE 6 SW		30	4	33	.2	15	.005						35
													36
5SE 0+50 NE		86	9	67	.2	18	.005						37
1		78	8	47	.2	11	.020						38
5SE 1+50 NE		149	7	59	.3	10	.005						39
													40

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All results are in PPM.
DIGESTION:.....
DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981
DATE REPORTS MAILED June 30, 1981

ASSAYER *(Signature)*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0571

Type of Samples Soil

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
5SE	2 NE	31	4	32	.2	11	.005						1
	2+50	13	8	19	.1	9	.155						2
	3	11	7	21	.2	5	.735						3
	3+50	44	6	31	1.1	6	.020						4
	4	70	8	75	.7	6	.020						5
5SE	4+50NE	33	8	47	.6	10	.025						6
													7
10NW	5 SW	28	18	78	.5	40	.005						8
	5+50	32	17	90	.7	20	.005						9
	6	24	8	95	.3	23	.005						10
	6+50	145	14	88	.7	26	.005						11
	7	17	11	38	.1	17	.005						12
	7+50	12	8	28	.2	9	.005						13
	8	19	5	68	.3	16	.005						14
	8+50	19	8	52	.1	13	.005						15
	9	25	9	78	.3	10	.005						16
	9+50	20	6	52	.2	9	.005						17
	10	22	8	47	.3	9	.005						18
	10+50	14	8	33	.1	6	.005						19
	11	15	7	40	.1	14	.005						20
	11+50	22	6	41	.1	16	.045						21
	12	28	6	37	.2	10	.005						22
	12+50	17	6	30	.1	10	.005						23
	13	56	4	36	.2	12	.005						24
	13+50	29	4	35	.3	12	.240						25
	14	57	8	54	.8	13	.010						26
	14+50	18	6	30	.1	12	.030						27
10NW	15 SW	23	6	33	.3	12	.025						28
													29
10SE	0+50NE	87	5	68	.7	12	.020						30
	1	63	7	64	.6	11	.015						31
	1+50	92	7	94	.6	13	.025						32
	2	56	9	63	.6	9	.015						33
	2+50	65	8	66	.5	10	.015						34
	3	66	7	72	.5	8	.165						35
	3+50	28	9	52	.7	12	.035						36
10SE	4 NE	11	7	25	.1	6	.020						37
													38
													39
													40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER *JKC*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
10SE	6 SW	26	4	50	.3	19	.010						1
	6+50	32	2	38	.1	20	.020						2
	7	13	1	46	.1	36	.015						3
	7+50	118	4	35	1.0	190	.035						4
	8	18	8	33	.1	17	.020						5
	8+50	40	7	29	.1	20	.010						6
	9	56	7	24	.1	80	.010						7
	9+50	45	6	20	.5	78	.030						8
	10	73	8	22	.2	54	.060						9
	10+50	54	6	16	.1	16	.005						10
	11	72	5	30	.3	193	.020						11
	11+50	68	4	26	.1	62	.100						12
10SE	12 SW	81	4	26	.1	13	.120						13
													14
15NW	0+50SW	73	13	135	2.7	8	.020						15
	1	48	13	79	1.5	8	.015						16
	1+50	24	8	75	.2	11	.010						17
	2	33	9	79	1.1	7	.005						18
	2+50	104	18	224	1.9	9	.200						19
	3	53	6	139	1.9	8	.040						20
	3+50	87	12	127	1.5	14	.030						21
	4	141	16	214	1.1	16	.005						22
	4+50	28	8	62	.8	14	.005						23
	5	23	10	51	.4	24	.010						24
	5+50	67	14	109	.6	21	.005						25
	6	235	5	127	1.4	27	.005						26
	6+50	26	8	43	.1	14	.015						27
	7	124	2	44	.2	12	.015						28
	7+50	128	4	49	.4	12	.010						29
	8	57	9	56	.3	16	.050						30
	8+50	72	4	49	.4	12	.010						31
	9	62	5	48	.3	33	.045						32
	9+50	59	6	67	.6	32	.005						33
	10	47	4	55	.3	14	.005						34
	10+50	59	5	61	.4	16	.005						35
	11	40	3	50	.3	13	.045						36
	11+50	60	5	67	.3	19	.150						37
15NW	12 SW	85	3	49	.3	15	.010						38
													39
													40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
15NW	12+50SW	89	5	36	.3	11	.005						1
15NW	13 SW	39	4	28	.1	7	.005						2
													3
20NW	0+50SW	22	8	51	.2	7	.005						4
	1	62	8	93	.5	11	.005						5
	1+50	39	8	93	.6	8	.005						6
	2	102	17	146	2.2	11	.015						7
	2+50	83	11	160	2.1	12	.015						8
	3	99	10	105	2.4	12	.005						9
	3+50	44	9	84	.6	9	.005						10
	4	62	10	112	.3	11	.005						11
	4+50	50	16	81	.3	24	.005						12
	5	225	13	155	.9	22	.025						13
	5+50	157	13	136	1.1	34	.005						14
	6	95	18	106	.4	114	.125						15
	6+50	276	13	190	1.1	21	.005						16
	7	68	4	56	.3	14	.075						17
	7+50	60	2	48	.8	6	.005						18
	8	447	8	85	.8	24	.005						19
	8+50	27	5	38	.2	11	.005						20
	9	34	7	40	.5	20	.005						21
	9+50	33	4	52	.4	11	.005						22
	10	23	5	41	.4	13	.130						23
	10+50	9	5	52	.4	9	.005						24
	11	90	7	46	.9	60	.005						25
	11+50	127	6	71	.8	13	.005						26
	12	32	7	77	.4	13	.005						27
	12+50	18	7	42	.2	10	.005						28
	13	40	5	39	.2	10	.005						29
20NW	13+50SW	18	8	39	.3	8	.005						30
													31
20NW	0+50NE	67	9	105	2.9	9	.005						32
	1	38	7	40	.5	12	.005						33
	1+50	15	5	29	.4	9	.005						34
	2	57	6	69	1.8	13	.005						35
	2+50	49	6	88	.7	11	.005						36
	3	30	6	80	.3	8	.310						37
20NW	3+50NE	19	6	54	.3	8	.040						38
													39
													40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

File No. 81-0571

Type of Samples Soil

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au					
20NW	4 NE	22	7	46	.4	9	.080					1
	5+50	61	11	92	.4	3	.030					2
	6	8	9	31	.1	3	.005					3
	6+50	39	6	139	.7	11	.005					4
	7	21	9	94	.3	8	.005					5
	7+50	17	11	76	.4	7	.005					6
	8	11	6	72	.2	4	.005					7
	8+50	23	12	107	1.6	5	.005					8
	9	24	12	115	1.9	6	.005					9
	9+50	22	9	105	1.3	4	.005					10
	10	38	12	238	1.7	8	.005					11
	10+50	46	17	289	.8	7	.005					12
	11	51	9	88	.4	14	.005					13
	11+50	56	20	84	.9	8	.005					14
	12	N.S.										15
	12+50	86	14	252	.6	15	.005					16
	13	95	13	215	.6	14	.005					17
	13+50	139	9	193	.9	12	.005					18
	14	79	9	217	.4	10	.005					19
	14+50	78	7	246	.3	5	.005					20
	15	117	15	413	.7	12	.005					21
20NW	15+50NE	83	3	39	.2	5	.005					22
												23
25NW	0+50SW	27	6	25	.8	6	.240					24
	1	36	6	93	.7	4	.020					25
	1+50	27	14	98	.3	4	.005					26
	2	23	7	70	.2	1	.005					27
	2+50	19	8	66	1.3	3	.005					28
	3	30	9	70	.2	8	.005					29
	3+50	83	18	140	.8	7	.005					30
	4	52	11	97	.7	6	.005					31
	4+50	42	12	121	.2	7	.005					32
	5	N.S.										33
	5+50SW	37	20	157	.9	12	.005					34
	6	24	18	53	.4	75	.005					35
	6+50	49	18	120	1.0	16	.020					36
	7	30	19	67	2.2	14	.015					37
25NW	7+50SW	77	6	73	.3	12	.010					38
												39
												40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER SKC

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0571

Type of Samples Soil

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au					
25NW	8 SW	51	28	124	.7	99	.005					1
	8+50	39	18	189	.4	52	.005					2
	9	305	19	138	1.3	71	.005					3
	9+50	115	4	28	.8	12	.005					4
	10	31	4	31	.6	5	.005					5
	10+50	14	7	97	.1	8	.005					6
	11	39	6	69	.6	57	.005					7
	11+50	3	3	63	.2	8	.005					8
25NW	12 SW	53	10	64	.6	13	.005					9
												10
30NW	0	60	16	252	.9	17	.005					11
	0+50NE	13	8	36	.7	11	.010					12
	1	83	11	197	4.8	8	.005					13
	1+50	38	4	137	2.6	6	.005					14
	2	42	13	109	1.1	8	.005					15
	3	110	19	261	1.1	6	.005					16
	3+50	45	11	165	.6	12	.010					17
	4	9	7	29	.7	5	.045					18
	4+50	10	4	43	.2	2	.005					19
	5	2	5	10	.8	1	.005					20
30NW	5+50NE	41	8	157	.2	10	.620					21
												22
30NW	0+50SW	25	12	81	.5	10	.005					23
	1	30	9	119	.4	12	.005					24
	1+50	65	19	184	1.0	18	.005					25
	2	97	12	162	1.3	10	.005					26
	2+50	19	4	53	.5	10	.005					27
	3	29	3	60	.3	9	.005					28
	3+50	23	7	46	2.5	11	.005					29
	4	41	7	67	1.6	10	.005					30
	4+50	53	5	65	.2	10	.005					31
	5	51	7	81	1.0	12	.005					32
	5+50	59	9	102	.6	11	.005					33
	6	52	5	44	.1	9	.005					34
	6+50	124	4	49	.2	11	.005					35
	7	55	7	75	.4	18	.005					36
	7+50	45	6	71	.3	12	.005					37
30NW	8 SW	73	11	85	.5	22	.005					38
												39
												40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au					
30NW	8+50SW	86	12	133	1.1	27	.005					1
	9	149	12	159	2.8	31	.005					2
	9+50	49	11	87	.5	34	.005					3
	10	386	8	650	2.7	30	.005					4
	10+50	128	6	79	.7	76	.015					5
	11	26	10	32	.1	65	.030					6
	11+50	3	5	16	.1	3	.035					7
	12	11	5	24	.1	8	.035					8
	12+50	7	7	61	.2	7	.005					9
	13	24	6	50	.1	7	.005					10
30NW	13+50SW	15	10	96	.4	8	.005					11
												12
30SE	0+50NE	99	5	58	.5	9	.005					13
	1	170	8	63	.6	9	.025					14
	1+50	201	7	83	1.0	8	.050					15
	2	86	11	103	.6	12	.035					16
	2+50	162	12	100	1.2	15	.005					17
	3	45	16	70	.6	8	.005					18
	3+50	17	10	66	.1	4	.015					19
	4	32	16	159	1.1	6	.005					20
30SE	4+50NE	10	5	33	.5	1	.005					21
												22
30SE	0+50SW	41	7	44	3.3	9	.005					23
	1	72	6	40	.5	9	.070					24
	1+50	26	5	42	.3	17	.010					25
	2	34	8	46	.6	9	.005					26
	2+50	22	6	32	.1	10	.005					27
	3	50	5	46	.1	10	.005					28
	3+50	44	7	45	.1	17	.005					29
	4	103	6	62	.3	12	.005					30
	4+50	47	8	48	.1	20	.025					31
	5	54	4	52	.2	15	.005					32
30SE	5+50SW	111	7	57	.2	14	.060					33
												34
35NW	0	117	5	130	.6	6	.005					35
	0+50SW	36	6	57	.4	5	.005					36
	1	58	6	67	1.0	5	.005					37
	1+50	110	4	145	.7	10	.005					38
35NW	2 SW	66	4	86	.5	8	.005					39
												40

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DATE SAMPLES RECEIVED June 22, 1981

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ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

81-0571

File No. _____

Type of Samples Soil

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
35NW	2+50 SW	10	5	25	.1	12	.005						1
	3	34	7	73	.7	11	.005						2
	3+50	30	16	89	1.0	5	.005						3
	4	31	13	88	.7	10	.005						4
	4+50	25	8	67	.2	9	.005						5
	5	40	7	76	.4	6	.005						6
	5+50	73	6	82	.3	11	.005						7
	6	69	9	49	.6	11	.005						8
	6+50	78	11	122	1.1	16	.005						9
	7	54	8	96	.7	16	.005						10
	7+50	70	12	123	1.1	14	.005						11
	8	64	8	83	.8	14	.005						12
	8+50	60	7	141	.7	12	.005						13
	9	49	11	184	1.4	17	.005						14
	9+50	34	9	59	.5	17	.005						15
	10	73	18	178	1.8	35	.010						16
	10+50	12	7	28	.4	10	.720						17
	11	47	8	47	.4	8	.005						18
	11+50	79	8	89	.2	14	.005						19
	12	61	14	109	.9	23	.005						20
	12+50	21	27	54	.2	21	.005						21
	13	15	11	45	.9	12	.005						22
35NW	13+50 SW	20	10	55	.1	21	.010						23
													24
35SE	0+50 NE	13	13	48	1.4	7	.160						25
	1	25	8	60	.3	9	.040						26
	1+50	96	8	70	.9	12	.020						27
	2	26	11	52	.1	10	.040						28
	2+50	99	10	122	1.6	11	.030						29
	3	72	13	114	.9	23	.020						30
	3+50	39	13	67	1.1	18	.020						31
	4	33	9	117	10.7	11	.060						32
	4+50	37	16	138	1.2	6	.005						33
	5	15	10	66	.4	9	.005						34
	5+50	38	9	93	2.6	12	.045						35
	6	20	13	74	1.3	5	.015						36
	6+50	26	14	77	2.1	3	.005						37
35SE	7 NE	89	14	200	4.0	11	.005						38
													39
													40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER DS

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Pb	Zn	Ag	As	Au					
35SE 0+50SW	27	11	77	.4	12	.005					1
1	16	11	36	2.7	12	.005					2
1+50	35	6	32	.2	7	.005					3
2	50	8	61	.3	17	.005					4
2+50	37	7	32	.1	14	.005					5
3	23	9	33	.4	20	.085					6
3+50	30	12	46	1.3	17	.005					7
4	23	19	75	.2	28	.005					8
4+50	34	9	30	.1	16	.005					9
5	36	8	28	.1	18	.335					10
5+50	76	6	80	.6	14	.005					11
6	26	18	41	.1	17	.005					12
6+50	226	7	83	.6	23	.005					13
7	82	16	57	.1	7	.005					14
7+50	102	9	61	.3	9	.005					15
8	94	15	70	.4	8	.005					16
8+50	146	9	119	1.6	21	.005					17
35SE 9 SW	44	13	45	.1	13	.005					18
											19
37SE 0+50SW	48	13	78	3.8	9	.005					20
1	74	14	110	1.9	13	.005					21
1+50	40	16	68	.3	13	.030					22
2	29	37	103	.8	10	.005					23
2+50	22	12	42	.2	8	.005					24
3	31	15	74	.4	13	.005					25
3+50	33	17	87	.1	21	.005					26
4	23	11	88	2.1	23	.005					27
4+50	33	7	89	.1	25	.005					28
5	37	7	61	.4	27	.005					29
37SE 5+50SW	17	10	21	.1	4	.005					30
											31
39SE 0+50NE	40	12	104	3.3	8	.020					32
1	32	14	100	1.0	8	.005					33
1+50	42	16	127	2.5	5	.075					34
2	7	5	30	.3	3	.085					35
2+50	31	14	126	.5	8	.070					36
3	22	14	114	1.9	8	.005					37
39SE 3+50NE	35	8	128	2.4	5	.005					38
											39
											40

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All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0571

Type of Samples Soil

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

Table with columns: S AMPLE No., Cu, Pb, Zn, Ag, As, Au, and a numbered index column (1-40). Rows list sample IDs and their corresponding assay values for various elements.

All reports are the confidential property of clients
All results are in PPM.

DIGESTION:
DETERMINATION:

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER [Signature]

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

Table with columns: SAMPLE No., Cu, Pb, Zn, Ag, As, Au, and a numbered column 1-40. Rows include sample IDs like 40NW, 40SE and various sub-samples with their respective element concentrations.

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

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phone: 253 - 3158

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au					
40SE	14+50SW	11	6	11	.1	4	.005					1
	15	22	3	17	.1	10	.005					2
	15+50	21	3	11	.1	6	.005					3
	16	25	4	15	.1	4	.005					4
	16+50	33	5	31	.1	7	.035					5
	17	44	4	23	.1	4	.005					6
	17+50	39	2	12	.1	3	.005					7
40SE	18 SW	67	2	9	.1	8	.005					8
												9
												10
42SE	1 NE	26	16	55	.1	4	.005					11
	1+50	32	12	103	2.5	5	.450					12
	2	22	24	84	.4	2	.015					13
	2+50	17	27	71	2.1	21	.005					14
	3	85	19	217	2.5	13	.005					15
	3+50	32	10	103	1.4	1	.005					16
	4	126	9	177	1.0	1	.030					17
	4+50	27	12	79	1.4	4	.005					18
	5	39	40	162	2.1	6	.015					19
	5+50	5	2	24	.8	1	.005					20
	6	4	2	17	.2	1	.005					21
	6+50	38	15	304	2.2	4	.005					22
42SE	7 NE	13	11	70	.4	4	.005					23
												24
42SE	0+50SW	104	15	93	5.0	5	.005					25
	1	21	9	39	.4	8	.060					26
	1+50	56	16	87	3.3	13	.005					27
	2	60	14	96	.9	23	.020					28
	2+50	33	16	84	.9	22	.060					29
	3	28	12	89	.3	16	.025					30
	3+50	32	12	82	1.8	14	.025					31
	4	32	11	69	.2	16	.055					32
	4+50	34	20	81	.7	24	.175					33
	5	34	18	85	2.0	32	.350					34
	5+50	38	17	73	1.2	26	.005					35
	6	25	12	62	.2	22	.015					36
	6+50	53	14	119	.9	40	.005					37
42SE	7 SW	192	25	242	.7	129	.025					38
												39
												40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

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ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
42SE	7+50SW	37	9	72	.5	16	.030						1
	8	44	13	56	.6	14	.055						2
	8+50	195	9	83	.3	42	.010						3
	9	106	10	47	.7	23	.005						4
42SE	9+50SW	156	9	63	.1	14	.015						5
													6
44SE	0+50SW	26	14	86	.7	10	.090						7
	1	27	14	63	.9	15	.020						8
	1+50	25	12	105	1.3	37	.010						9
	2	39	11	74	1.1	14	.015						10
	2+50	53	19	85	13.0	25	.020						11
	3	34	25	69	.9	26	.005						12
	3+50	68	21	86	4.9	25	.010						13
	4	50	22	77	.2	24	.565						14
	4+50	71	19	114	2.6	25	.010						15
	5	114	19	102	.5	28	.010						16
	5+50	56	20	104	.7	31	.005						17
	6	37	14	78	.9	27	.025						18
	6+50	52	12	107	.4	16	.075						19
	7	177	29	329	.7	130	.005						20
	7+50	64	30	73	.3	55	.005						21
	8	2460	39	138	3.9	64	.095						22
	8+50	1560	77	182	3.3	87	.030						23
	9	165	49	70	.8	23	.005						24
	9+50	179	8	66	.1	17	.005						25
	10	231	5	48	.5	11	.005						26
	10+50	37	4	35	.2	8	.005						27
	11	44	6	20	.1	5	.015						28
	11+50	437	6	58	.4	6	.010						29
	12	670	3	70	.1	11	.015						30
	12+50	78	7	27	.1	12	.010						31
	13	177	7	41	.1	9	.005						32
	13+50	303	5	54	.2	13	.010						33
	14	416	5	89	.3	14	.015						34
	15+50	48	7	49	.3	11	.015						35
	16	18	6	20	.1	5	.005						36
	16+50	152	7	44	.1	12	.015						37
44SE	17 SW	63	6	51	.2	11	.005						38
													39
													40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER *DE*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au					
44SE	19+50SW	97	13	60	.3	12	.005					1
44SE	20+00SW	49	3	92	.3	11	.005					2
												3
45SE	0+50SW	18	7	60	.7	7	.020					4
	1	32	14	87	1.3	25	.005					5
	1+50	9	2	20	.7	4	.005					6
	2	20	15	61	.7	16	.005					7
	2+50	17	8	47	.5	12	.005					8
	3	42	17	119	3.2	14	.005					9
	3+50	23	12	93	.1	17	.025					10
	4	47	15	125	.7	32	.005					11
	4+50	29	17	89	1.0	31	.005					12
	5	56	13	81	.2	28	.005					13
	5+50	49	13	105	1.1	56	.005					14
	6	96	19	104	.3	40	.005					15
	6+50	149	27	247	.3	129	.005					16
45SE	7 SW	152	28	175	.7	118	.005					17
												18
49SE	0+50SW	30	11	72	.8	20	.005					19
	1	31	16	86	.9	19	.075					20
	1+50	31	14	83	.5	31	.295					21
	2	67	13	131	.8	35	.005					22
	2+50	38	18	104	.2	32	.005					23
	3	26	8	70	1.5	20	.650					24
	3+50	22	12	69	.7	20	.005					25
	4	42	15	123	1.5	45	.005					26
	4+50	37	27	113	1.1	38	.005					27
	5	43	28	97	.1	37	.005					28
	5+50	51	44	125	.3	63	.285					29
	6	64	19	130	3.0	41	.005					30
	6+50	59	15	148	.4	63	.005					31
	7	81	10	367	.8	300	.065					32
	7+50	51	35	109	.3	21	.015					33
	8	70	10	87	1.2	31	.005					34
49SE	8+50SW	97	7	120	.6	21	.005					35
												36
49SE	0+50NE	42	16	104	1.5	12	.040					37
	1	33	25	106	2.5	26	.030					38
49SE	1+50NE	48	22	210	.9	6	.005					39
												40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au					
49SE	2 NE	33	13	122	4.9	9	.005					1
	2+50	36	15	146	3.4	6	.005					2
	3	18	13	68	1.6	6	.005					3
	3+50	55	13	168	4.5	7	.005					4
	4	14	6	49	.8	2	.005					5
	4+50	52	31	118	1.1	9	.005					6
	5	63	20	231	3.0	6	.005					7
	5+50	28	13	101	.9	3	.005					8
49SE	6 NE	73	17	235	.7	15	.005					9
												10
52SE	0+50SW	46	18	152	1.7	23	.005					11
	1	35	14	96	2.4	18	.625					12
	1+50	38	16	136	.5	25	.925					13
	2	36	16	100	1.1	24	.045					14
	2+50	28	15	82	1.5	20	.070					15
	3	41	13	112	2.3	27	.075					16
	3+50	39	13	91	2.0	26	.005					17
	4	41	14	121	.3	20	.065					18
	4+50	52	16	142	2.2	32	.010					19
	5	36	16	104	2.0	29	.020					20
	5+75	51	19	230	.9	49	.005					21
	6	40	21	132	.7	96	.010					22
	6+50	84	22	328	.2	113	.010					23
52SE	7 SW	45	16	92	1.8	29	.040					24
												25
54SE	0+50NE	22	9	73	2.1	13	.065					26
	1	49	13	192	2.5	16	.305					27
	1+50	7	2	37	.9	3	.075					28
	2	37	12	110	1.4	8	.010					29
	2+50	46	11	239	2.4	6	.005					30
	3	59	14	191	.6	8	.005					31
	3+50	16	6	61	.1	3	.005					32
	4	8	4	30	1.2	1	.005					33
	4+50	15	7	63	.1	1	.005					34
54SE	5 NE	70	18	261	2.0	14	.005					35
												36
54SE	0+50SW	40	16	107	.3	71	.150					37
	1	27	17	73	.8	20	.220					38
54SE	1+50SW	26	9	68	.1	19	.060					39
												40

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DIGESTION:.....
DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER *[Signature]*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

Table with columns: SAMPLE No., Cu, Pb, Zn, Ag, As, Au, and a numbered column (1-40). Rows include sample IDs like 54SE, 55SE, 57SE and their corresponding assay results for various elements.

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DIGESTION:.....

DETERMINATION:.....

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File No. 81-0571

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

Table with columns: SAMPLE No., Cu, Pb, Zn, Ag, As, Au, and a numbered index column (1-40). Rows contain sample IDs and corresponding assay values for various elements.

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DETERMINATION:.....

DATE SAMPLES RECEIVED June 22, 1981

DATE REPORTS MAILED June 30, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,
Suite 206, Nicola Place,
310 Nicola Street,
Kamloops, B.C.
V2C 2P5

File No. 81-0614

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Pb	Zn	Ag	As	Au					
L2 SE 0+50 SW	31	14	82	.4	12	.010					1
1+00	51	22	132	2.2	6	.030					2
1+50	30	13	97	.6	7	.005					3
2+00	86	18	111	.9	56	.010					4
2+50	100	14	120	.8	44	.005					5
3+00	44	11	67	.2	7	.070					6
3+50	52	17	73	.7	20	.005					7
4+00	36	16	46	.4	21	.010					8
4+50	78	20	94	1.4	35	.005					9
5+00	26	9	45	.2	12	.015					10
5+50	N.S.										11
6+00	52	5	24	.1	15	.020					12
6+50	28	4	13	.1	9	.005					13
7+00	40	7	30	.1	10	.005					14
7+50	238	10	48	.2	8	.005					15
8+00	77	11	38	.1	14	.005					16
8+50	N.S.										17
9+00	145	9	46	.4	10	.010					18
9+50	5	4	36	.1	6	.005					19
L2 SE 10+00 SW	27	6	38	.2	8	.005					20
L2 SE 0+50 NE	32	5	30	.1	3	.005					22
1+00	37	4	45	.5	11	.005					23
1+50	43	6	45	.2	6	.015					24
2+00	39	10	62	.9	12	.020					25
2+50	19	7	22	.1	5	.005					26
3+00	31	8	36	.2	6	.035					27
3+50	88	8	93	.9	9	.050					28
L2 SE 4+00 NE	55	11	75	.7	13	.010					29
L4 SE 0+50 SW	40	6	155	.3	2	.020					31
1+00	45	13	141	.3	6	.005					32
1+50	73	36	148	1.1	3	.005					33
2+00	30	21	102	.8	8	.005					34
2+50	70	22	125	3.6	5	.010					35
3+00	51	23	147	1.8	11	.005					36
3+50	30	19	84	1.2	29	.005					37
L4 SE 4+00 SW	107	11	114	7.2	68	.005					38
											39
											40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 28, 1981

DATE REPORTS MAILED July 7, 1981

ASSAYER *D. Toye*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

*HO/ L2SE 0+50SW
EGC

KERR DAWSON

FILE# 81-0614 PAGE 1

BURN # 1 GE16 19:55

IS										
1351										
MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	
11	31	14	82	.391	28	13	463	5.010	12	
0	IS	TH	IS	CD	SB	BI	V	CA	P	
5	.2	2	762	1	3.80	9	86	.23	.19	
LA	IN	MG	BA	TI	B	AL	IS	IS	W	
15	2	.41	.01	.09	4	.92	58	.1	-1	

*HO/ L2SE 1+00SW
EGC

BURN # 1 GE16 19:56

1351										
29	51	22	132	2.21	32	9	375	4.839	6	
5	.1	1	370	.3	7.23	8	58	.05	.19	
17	1	.16	.01	.02	4	.71	30	U	U	

*O/ L2SE 1+50SW
EGC

BURN # 1 GE16 19:57

1351										
14	30	13	97	.625	25	12	592	4.476	7	
4	.2	2	459	.6	3.66	8	84	.09	.12	
15	1	.21	.01	.08	3	.83	45	U	U	

*O/ L2SE 2+00SW
EGC

BURN # 1 GE16 19:57

1351										
5.8	86	18	111	.895	40	31	615	4.460	56	
5	.3	1	984	1	3.83	8	65	.43	.10	
16	1	.54	.01	.04	4	1.8	100	U	U	

*O/ L2SE 2+50SW
EGC

BURN # 1 GE16 19:58

1351										
6.2	100	14	120	.767	43	24	308	4.882	44	
6	.2	2	720	2	3.49	9	74	.22	.06	
15	2	.63	.01	.07	3	1.8	110	.1	-1	

*O/ L2SE 3+00SW
EGC

BURN # 1 GE16 19:59

1352										
5.3	44	11	67	.245	30	17	326	4.539	7	
5	.4	3	692	1	2.75	8	92	.21	.04	
16	2	.54	.01	.14	3	1.4	83	.1	0	

*



To: Kerr, Dawson & Associates Ltd.,

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0614

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

Table with columns: SAMPLE No., Cu, Pb, Zn, Ag, As, Au, and a numbered index column (1-40). Rows include sample IDs like L4SE, L5SE, L7SE and locations like 4+50SW, 0+50NE, 2+50SW.

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 28, 1981

DATE REPORTS MAILED July 7, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
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Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au					
L7SE	3+00SW	69	26	107	1.3	20	.010					1
	3+50	65	27	175	1.1	99	.005					2
	4+00	30	13	81	.4	21	.005					3
	4+50	77	11	95	.7	38	.005					4
	5+00	40	20	124	.7	78	.010					5
	5+50	22	7	37	.2	19	.005					6
	6+00	27	3	25	.1	9	.005					7
	6+50	28	6	39	.1	11	.005					8
	7+00	23	5	39	.1	20	.005					9
	7+50	23	8	31	.1	27	.030					10
	8+00	63	7	28	.1	9	.020					11
	8+50	27	3	22	.1	3	.005					12
	9+00	146	5	39	.5	9	.045					13
	9+50	N.S.										14
	10+00	41	7	17	.3	2	.120					15
	10+50	78	6	31	.2	8	.020					16
	11+00	59	8	15	.3	6	.035					17
	11+50	99	4	13	.1	3	.005					18
	12+00	61	7	45	.2	3	.005					19
	12+50	57	2	40	.1	4	.005					20
	13+00	53	4	20	.1	7	.010					21
L7SE	13+50SW	94	6	17	.1	9	.020					22
												23
L7SE	0+50NE	86	6	54	.1	9	.050					24
	1+00	69	8	66	1.2	7	.005					25
	1+50	103	14	74	.6	12	.010					26
	2+00	81	6	53	.4	9	.055					27
	2+50	93	12	65	.7	5	.015					28
	3+00	39	6	46	.3	3	.025					29
	3+50	128	8	62	.9	6	.035					30
L7SE	4+00NE	67	9	39	.7	10	.010					31
												32
L9SE	0+50SW	105	12	80	.7	11	.030					33
	1+00	92	9	105	.5	8	.285					34
	1+50	88	9	133	2.2	8	.020					35
	2+00	47	11	47	.5	11	.005					36
	2+50	75	39	93	1.5	10	.005					37
L9SE	3+00SW	44	11	91	.9	5	.020					38
												39
												40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 28, 1981

DATE REPORTS MAILED July 7, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

To: Kerr, Dawson & Associates Ltd.,

File No. 81-0614

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
L 9SE	3+50SW	54	24	86	1.6	19	.015						1
	4+00	45	12	82	.6	12	.025						2
	4+50	147	21	206	2.4	120	.010						3
	5+00	40	11	94	.7	73	.005						4
	5+50	26	5	36	.3	21	.005						5
	6+00	28	9	41	.6	20	.005						6
	6+50	29	6	40	.2	36	.010						7
	7+00	16	8	29	.1	22	.030						8
	7+50	25	4	40	.4	14	.010						9
	8+00	15	5	37	.1	22	.005						10
	8+50	15	4	27	.1	19	.005						11
	9+00	65	10	30	.6	15	.035						12
	9+50	39	6	23	.1	6	.030						13
	10+00	18	10	22	.1	18	.235						14
L 9SE	10+40SW	92	7	16	.2	15	.030						15
													16
L 9SE	0+50NE	115	10	92	.6	9	.015						17
	1+00	113	9	86	.7	10	.005						18
	1+50	103	8	64	.3	5	.020						19
	2+00	113	11	86	1.0	7	.010						20
	2+50	74	9	72	.4	6	.100						21
	3+00	23	8	26	.6	5	.045						22
	3+50	34	12	49	3.4	3	.010						23
	4+00	37	8	64	.8	1	.015						24
	4+50	69	8	88	.8	5	.005						25
	5+00	8	8	21	.3	5	.030						26
L 9SE	5+50NE	41	19	62	.5	7	.005						27
													28
L10SE	0+50SW	112	8	59	.3	11	.180						29
	1+00	81	8	76	.4	10	.515						30
	1+50	102	7	74	.4	9	.005						31
	2+00	56	15	66	1.3	10	.005						32
	2+50	125	33	88	7.4	21	.005						33
	3+00	16	11	47	.8	10	.005						34
	3+50	184	33	166	3.6	24	.005						35
	4+00	72	14	127	1.7	13	.005						36
	4+50	37	16	90	1.7	15	.005						37
	5+00	100	19	102	1.0	207	.005						38
L10SE	5+50SW	36	4	34	.2	29	.005						39
													40

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DATE REPORTS MAILED July 7, 1981

ASSAYER *Dean Toye*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

File No. 81-0614

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au					
L12SE	0+50SW	54	10	77	.5	8	.110					1
	1+00	66	11	88	.5	9	.030					2
	1+50	44	12	66	.2	8	.025					3
	2+00	64	10	83	.4	10	.010					4
	2+50	44	11	61	.4	10	.005					5
	3+00	53	13	65	.3	10	.015					6
	3+50	40	13	58	.5	18	.005					7
	4+00	26	15	62	.4	33	.005					8
	4+50	350	17	106	1.4	323	.005					9
	5+00	72	18	101	1.1	257	.010					10
	5+50	125	9	21	.1	21	.020					11
	6+00	107	9	34	.7	16	.015					12
	6+50	31	6	32	.1	9	.045					13
	7+00	82	8	51	.1	16	.005					14
	7+50	54	10	41	.1	19	.010					15
	8+00	12	7	12	.1	3	.070					16
L12SE	8+50SW	42	8	16	.2	7	.020					17
												18
L12SE	0+50NE	57	13	68	.2	10	.010					19
	1+00	96	12	95	.1	8	.020					20
	1+50	59	10	67	.4	6	.030					21
	2+00	63	10	85	.6	7	.045					22
	2+50	52	9	71	.9	4	.010					23
	3+00	24	6	49	.5	10	.060					24
	3+50	48	8	59	.4	3	.005					25
L12SE	4+00NE	63	13	97	.5	8	.015					26
												27
L14SE	0+50SW	23	10	47	.1	12	.020					28
	1+00	83	13	107	.4	12	.120					29
	1+50	65	12	74	.2	16	.020					30
	2+00	55	9	71	.1	8	.025					31
	2+50	68	13	95	.2	43	.035					32
	3+00	82	12	104	.5	63	.015					33
	3+50	43	20	78	.9	51	.005					34
	4+00	41	15	76	.5	79	.020					35
	4+50	260	22	213	.2	203	.005					36
	5+00	N.S.										37
L14SE	5+50SW	39	11	65	.1	39	.015					38
												39
												40

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ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

File No. 81-0614

Type of Samples Soils

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
L14SE	6+00SW	52	11	35	.3	42	.005						1
	6+50	30	11	99	.2	22	.005						2
	7+00	33	8	32	.2	44	.005						3
	7+50	126	13	59	.6	63	.030						4
	8+00	26	7	23	.1	15	.005						5
	8+50	19	7	36	.1	5	.005						6
	9+00	37	5	21	.1	4	.015						7
	9+50	146	10	27	.2	14	.160						8
	10+00	55	6	31	.2	9	.115						9
	10+50	33	7	25	.1	1	.010						10
L14SE	11+00SW	177	8	26	.3	10	.035						11
													12
L14SE	0+50NE	39	9	62	.5	11	.010						13
	1+00	69	9	73	1.2	10	.005						14
	1+50	93	13	113	1.0	22	.015						15
	2+00	58	11	79	.6	14	.030						16
	2+50	70	11	80	.9	15	.005						17
	3+00	84	12	103	.6	27	.005						18
	3+50	71	11	65	.3	17	.030						19
	4+00	42	12	87	1.6	12	.120						20
L14SE	4+50NE	89	11	88	.6	10	.005						21
													22
L15SE	0+50SW	26	8	33	.5	12	.010						23
	1+00	86	17	100	.5	12	.055						24
	1+50	105	14	81	.7	12	.010						25
	2+00	64	13	82	.4	14	.005						26
	2+50	46	16	93	.7	43	.005						27
	3+00	58	15	62	.8	49	.025						28
	3+50	94	12	103	.6	80	.035						29
	4+00	86	26	110	.9	218	.005						30
	4+50	62	12	72	2.4	37	.005						31
	5+00	63	9	74	2.2	31	.005						32
	5+50	50	12	43	.5	49	.005						33
	6+00	74	9	38	.4	40	.010						34
	6+50	42	6	31	.1	9	.005						35
	7+00	10	8	24	.1	5	.020						36
	7+50	77	7	32	.3	11	.005						37
L15SE	8+00SW	34	9	20	.3	4	.740						38
													39
													40

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ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

File No. 81-0614

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Pb	Zn	Ag	As	Au					
L15SE 8+50SW N.S.											1
9+00	208	10	30	.1	5	.080					2
9+50	51	9	39	.4	3	.010					3
10+00	140	8	44	.3	7	.005					4
10+50 N.S.											5
11+00	237	8	27	.7	7	.015					6
11+50	163	8	26	.5	16	.040					7
12+00	155	7	21	.1	5	.005					8
L15SE 12+50SW	110	8	29	.1	4	.010					9
L15SE 0+50NE	48	9	68	.1	10	.010					10
1+00	181	13	108	2.0	12	.020					11
1+50	104	11	86	.8	7	.050					12
2+00	79	12	101	.8	7	.040					13
2+50	118	13	119	1.8	6	.040					14
3+00	89	16	112	2.4	8	.015					15
3+50	76	13	106	1.5	7	.005					16
4+00	36	13	60	.1	6	.030					17
4+50	888	10	67	.2	12	.115					18
L15SE 5+00NE	914	11	78	.1	20	.435					19
											20
L17SE 0+50SW	42	11	56	.3	12	.025					21
1+00	64	14	83	1.5	10	.130					22
1+50	139	11	113	.7	6	.005					23
2+00	58	9	91	1.4	11	.225					24
2+50	62	16	79	.2	11	.025					25
3+00	86	17	86	.8	15	.045					26
3+50	37	13	53	.4	7	.010					27
4+00	108	11	65	1.6	6	.020					28
4+50	57	10	52	.1	34	.010					29
6+00	191	12	51	.9	22	.005					30
6+50	40	9	36	.1	15	.015					31
7+00	68	9	48	.2	11	.015					32
7+50	140	12	66	1.0	21	.005					33
8+00	73	8	32	.3	5	.005					34
8+50	68	5	19	.1	4	.005					35
9+00	33	6	21	.1	2	.005					36
L17SE 9+50SW	68	3	25	.1	8	.030					37
											38
											39
											40

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ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

To: Kerr, Dawson & Associates Ltd.,

File No. 81-0614

Type of Samples Soils

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
L17SE	10+00SW	68	4	14	.1	2	.005						1
	10+50	282	11	19	.2	7	.040						2
	11+00	144	5	9	.7	9	.025						3
	11+50	341	12	7	.2	7	.005						4
L17SE	12+00SW	✓ 709	4	10	.1	3	.040						5
													6
L17SE	0+50NE	60	11	87	.7	44	.100						7
	1+00	75	8	56	.4	8	.040						8
	1+50	✓ 1714	14	102	.5	28	.130						9
	2+00	✓ 882	15	95	.9	29	.030						10
	2+50	✓ 765	9	60	.3	20	.340						11
	3+00	155	5	24	.3	7	.090						12
	3+50	25	9	40	.5	8	.190						13
	4+00	33	9	66	.7	7	.015						14
	4+50	196	14	52	.3	19	.010						15
	5+00	42	4	28	.4	7	.005						16
L17SE	5+50NE	358	7	33	.1	2	.005						17
													18
L19SE	0+50SW	145	15	105	1.3	14	.005						19
	1+00	162	31	144	1.9	13	.010						20
	1+50	65	12	64	.7	18	.055						21
	2+00	27	10	41	.1	10	.005						22
	2+50	47	12	39	.3	12	.010						23
	3+00	37	8	61	.5	15	.005						24
	3+50	135	14	100	2.0	11	.045						25
	4+00	8	9	18	.1	6	.005						26
	4+50	37	11	39	.7	15	.015						27
	5+00	178	8	44	.9	5	.005						28
	5+50	88	9	40	.8	9	.005						29
	6+00	45	6	31	.2	5	.010						30
	6+50	469	19	51	.3	23	.025						31
	7+00	195	10	52	.1	7	.075						32
	7+50	202	10	31	.1	6	.065						33
	8+00	120	7	36	.1	3	.025						34
	8+50	335	7	35	.2	4	.005						35
	9+00	134	7	18	.9	8	.015						36
	9+50	275	5	23	.1	4	.020						37
	10+00	320	8	25	.1	3	.010						38
L19SE	10+00SWD	317	7	26	.1	3	.015						39
													40

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ASSAYER

Dean Toye
DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0614

Soils

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

Table with columns: SAMPLE No., Cu, Pb, Zn, Ag, As, Au, and a numbered index column (1-40). Rows include sample IDs like L19SE, L20SE and various time/location codes (e.g., 10+50SW, 0+50NE).

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File No. 81-0614

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au					
L20SE	10+00SW	301	5	27	.3	6	.020					1
	10+50	✓1082	13	46	1.1	6	.040					2
	11+00	✓1287	11	39	.7	8	.040					3
	11+50	536	16	47	.6	7	.020					4
	12+00	81	11	86	.6	6	.005					5
L20SE	12+50SW	514	14	26	1.3	8	.050					6
												7
L20SE	0+50NE	69	11	79	.6	6	.005					8
	1+00	26	9	49	.1	8	.160					9
	1+50	39	10	69	.8	5	.005					10
	2+00	25	8	64	.4	9	.020					11
	2+50	35	8	70	.4	9	.010					12
	3+00	18	9	42	.1	4	.005					13
	3+50	15	11	49	1.0	7	.055					14
	4+00	9	11	41	.7	5	.005					15
L20SE	4+50NE	43	12	156	.4	8	.005					16
												17
L22SE	0+50SW	23	9	37	.1	8	.050					18
	1+00	25	7	36	.1	6	.005					19
	1+50	26	10	39	.2	6	.005					20
	2+00	97	12	63	.9	5	.005					21
	2+50	63	9	59	1.7	5	.005					22
	3+00	26	9	46	.2	8	.020					23
	3+50	19	7	23	.3	5	.005					24
	4+00	36	16	82	.5	34	.005					25
	4+50	34	7	28	.1	8	.005					26
	5+00	10	9	24	.1	6	.005					27
	5+50	11	8	22	.1	5	.005					28
	6+00	22	9	43	.3	11	.005					29
	6+50	89	11	109	.8	8	.025					30
	7+00	50	13	63	.5	13	.055					31
	7+50	15	11	21	.1	7	.005					32
	8+00	47	13	34	.4	11	.010					33
	8+50	25	11	23	.1	8	.005					34
	9+00	25	8	37	.1	5	.005					35
	9+50	N.S.										36
	10+00	164	6	25	.2	8	.005					37
L22SE	10+50SW	415	13	61	.2	2	.005					38
												39
												40

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ASSAYER *Dean Toye*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

File No. 81-0614

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
L22SE 11+00 SW		40	9	18	.1	4	.010						1
11+50	N.S.												2
12+00	N.S.												3
12+50	✓2496	22	45	1.1	7	.030							4
13+00	431	14	49	.5	11	.055							5
L22SE 13+50 SW		299	22	51	.4	11	.040						6
													7
L22SE 0+50 NE		154	12	79	.4	8	.010						8
1+00		67	14	110	.8	7	.005						9
1+50		66	10	73	.5	11	.010						10
2+00		27	8	47	.2	8	.005						11
2+50		20	9	44	.6	2	.010						12
3+00		26	10	80	.9	7	.005						13
L22SE 3+50 NE		8	8	17	.3	4	.005						14
													15
L24SE 0+50 SW		91	12	54	1.0	10	.005						16
1+00		115	12	72	.6	11	.005						17
1+50		160	12	62	.9	12	.015						18
2+00		27	10	45	.5	5	.005						19
2+50		18	12	45	.3	5	.015						20
3+00		18	9	25	.2	6	.005						21
3+50		48	6	29	.4	6	.005						22
4+00		73	12	82	.4	9	.005						23
4+50		30	9	36	.3	11	.005						24
5+00		25	5	36	.2	6	.005						25
5+50		22	6	32	.3	7	.005						26
6+00		25	8	43	.5	10	.005						27
6+50		36	8	51	.3	11	.005						28
7+00		12	10	114	1.2	16	.005						29
L24SE 7+50 SW		22	9	43	.5	17	.005						30
													31
L24SE 0+50 NE		73	14	64	.6	16	.005						32
1+00		75	15	75	1.0	12	.005						33
1+50		81	10	77	.5	12	.035						34
2+00		13	8	36	.7	4	.075						35
2+50		10	8	29	.2	5	.005						36
3+00		18	9	42	.1	3	.020						37
L24SE 3+50 NE		91	9	90	1.3	6	.005						38
													39
													40

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ASSAYER *Dean Toy*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0614

Type of Samples Soils

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
L25SE	0+50SW	38	11	30	.3	12	.010						1
	1+00	92	12	43	.4	13	.015						2
	1+50	49	12	73	.4	13	.105						3
	2+00	51	9	40	1.6	8	.070						4
	2+50	78	12	44	.8	7	.005						5
	3+00	33	9	46	.6	8	.005						6
	3+50	93	10	47	.5	11	.005						7
	4+00	76	11	47	.6	9	.005						8
	4+50	80	12	45	.6	14	.005						9
	5+00	64	10	44	.5	12	.005						10
	5+50	108	8	53	.5	10	.025						11
	6+00	287	14	75	.8	19	.010						12
	6+50	41	11	48	.3	14	.005						13
	7+00	38	12	44	.2	19	.010						14
	7+50	102	12	38	1.0	18	.005						15
	8+00	58	15	46	.3	11	.025						16
	8+50	N.S.											17
	9+00	313	13	60	.4	19	.785						18
	9+50	59	15	23	.1	10	.050						19
	10+00	58	11	33	.1	10	.010						20
	10+50	32	8	33	.1	6	.005						21
	11+00	19	8	23	.1	7	.005						22
L25SE	11+50SW	40	11	42	.4	11	.005						23
													24
L25SE	0+50NE	18	10	33	.1	8	.015						25
	1+00	21	6	35	.7	5	.115						26
	1+50	31	10	40	.1	6	.035						27
	2+00	35	9	66	.6	7	.035						28
	2+50	77	7	58	.5	6	.060						29
	2+85	69	9	53	.4	10	.020						30
	3+00	22	10	42	.3	5	.015						31
	3+50	13	12	33	1.5	3	.200						32
L25SE	4+00NE	6	9	13	.5	2	.005						33
L27SE	0+50SW	25	8	36	.1	6	.005						34
	1+00	116	9	56	.4	13	.005						35
	1+50	154	10	52	.8	10	.005						36
	2+00	139	7	47	.7	9	.005						37
L27SE	2+50SW	68	13	59	.4	10	.025						38
													39
													40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 28, 1981

DATE REPORTS MAILED July 7, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0614

Type of Samples Soils

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

Table with columns: SAMPLE No., Cu, Pb, Zn, Ag, As, Au, and a numbered index column (1-40). Rows include sample IDs like L27SE 3+00 SW and L29SE 0+50 SW with corresponding element values.

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DIGESTION:.....

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ASSAYER [Signature]

DEAN TOYE, B.Sc.
CHIEF CHEMIST
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To: Kerr, Dawson & Associates Ltd.,

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Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
L29SE	2+00NE	82	13	90	.6	8	.005						1
	2+50	64	13	81	.6	8	.050						2
	3+00	97	14	86	1.1	9	.015						3
	3+50	104	16	122	3.3	6	.010						4
	4+00	51	12	80	.5	8	.040						5
L29SE	4+50NE	112	13	82	.4	3	.035						6
													7
L32SE	0+50SW	40	9	45	.8	8	.005						8
	1+00	47	8	55	.5	10	.085						9
	1+50	49	10	41	.7	8	.025						10
	2+00	32	10	42	.5	7	.005						11
	2+50	36	13	65	.2	13	.020						12
	3+00	54	16	102	.9	16	.005						13
	3+50	34	14	78	1.0	22	.005						14
	4+00	49	17	115	.4	53	.090						15
	4+50	127	18	102	1.0	36	.005						16
	5+00	N.S.											17
	5+50	207	9	39	.7	10	.005						18
L32SE	6+00SW	37	8	35	.3	10	.010						19
													20
L32SE	0+50NE	163	21	107	1.1	16	.005						21
	1+00	69	16	92	.3	8	.075						22
	1+50	81	17	80	1.0	11	.285						23
	2+00	69	16	89	1.2	11	.020						24
	2+50	118	17	122	1.0	15	.105						25
	3+00	126	15	125	1.3	10	.095						26
	3+50	N.S.											27
	4+00	49	23	183	.6	11	.025						28
	4+50	35	11	95	1.0	7	.010						29
L32SE	5+00NE	143	23	324	.7	6	.015						30
													31
L34SE	0+50SW	161	16	93	1.0	13	.005						32
	1+00	20	9	46	.5	13	.005						33
	1+50	12	12	26	1.1	3	.005						34
	2+00	66	15	137	1.3	13	.005						35
	2+50	30	22	72	.6	15	.005						36
	3+00	89	19	124	.9	14	.010						37
L34SE	3+50SW	27	16	69	1.9	9	.020						38
													39
													40

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ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0614

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GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
L34SE	4+00 SW	44	15	69	.6	20	.005						1
	4+50	32	15	69	.3	21	.005						2
	5+00	85	14	84	.9	12	.005						3
	5+50	54	14	29	.1	11	.005						4
	6+00	96	8	53	.7	9	.005						5
	6+50	67	11	30	.9	10	.020						6
L34SE	7+00 SW	130	11	51	1.1	9	.005						7
													8
L34SE	0+50 NE	181	17	110	1.1	19	.060						9
	1+00	22	9	49	.4	14	.040						10
	1+50	13	10	29	1.3	6	.010						11
	2+00	73	14	159	1.3	17	.045						12
	2+50	32	19	76	.5	21	.030						13
	3+00	97	19	136	1.0	16	.030						14
	3+50	28	15	17	1.9	9	.045						15
	4+00	1	1	8	.5	1	.010						16
	4+50	26	11	89	.5	7	.035						17
	5+00	11	9	39	.5	5	.005						18
	5+50	17	10	86	1.4	2	.015						19
	6+00	N.S.											20
L34SE	6+50 NE	39	12	135	1.8	8	.045						21
													22
L37SE	0+50 NE	86	15	142	.6	19	.050						23
	1+00	64	13	124	1.1	13	.005						24
	1+50	77	16	147	3.6	5	.005						25
	2+00	100	21	216	1.8	11	.070						26
	2+50	32	14	54	.6	10	.030						27
	3+00	16	13	54	.7	17	.065						28
	3+50	38	17	88	.8	14	1.380						29
	4+00	23	13	82	1.2	18	.010						30
	4+50	31	14	89	.9	4	.005						31
	5+00	32	16	82	.9	17	.225						32
	5+50	23	14	61	1.2	11	.035						33
	6+00	43	14	83	.6	25	.005						34
	6+50	59	10	121	1.4	4	.005						35
	7+00	20	13	99	.6	8	.020						36
L37SE	7+50 NE	16	3	50	.4	1	.005						37
													38
													39
													40

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ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0614

Type of Samples Sojls

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au					
L44SE	0+5ONE	27	15	114	.6	6	.080					1
	1+00	16	6	83	1.7	18	.005					2
	1+50	16	9	75	.8	3	.020					3
	2+00	17	11	73	.3	2	.005					4
	2+50	62	15	135	3.7	4	.050					5
	3+00	19	9	83	.8	1	.165					6
	3+50	12	8	60	1.5	5	.025					7
	4+00	12	9	51	.9	2	.055					8
	4+50	26	16	96	1.1	4	.010					9
	5+00	32	14	145	.2	5	.005					10
	5+50	35	20	160	.1	1	.005					11
	6+00	22	10	131	.1	1	.005					12
	6+50	28	17	186	1.8	2	.005					13
L44SE	7+0ONE	29	17	106	1.0	6	.005					14
												15
L45SE	0+5ONE	43	11	97	1.2	16	.175					16
	1+00	18	9	74	.1	4	.010					17
	1+50	31	12	68	1.6	6	.135					18
	2+00	N.S.										19
	2+50	48	27	188	1.8	16	.560					20
	3+00	46	18	244	1.4	6	.005					21
	3+50	31	11	129	.4	3	.245					22
	4+00	15	6	64	.3	1	.005					23
	4+50	19	13	62	1.3	3	.010					24
	5+00	2	3	13	.1	1	.005					25
	5+50	33	18	205	.3	3	.005					26
	6+00	23	11	201	.3	1	.020					27
L45SE	6+5ONE	18	12	19	1.7	2	.005					28
												29
L47SE	0+50SW	32	18	87	1.0	22	.005					30
	1+00	26	12	53	1.1	11	.040					31
	1+50	18	13	52	.5	14	.045					32
	2+00	14	7	28	.6	6	.010					33
	2+50	29	16	63	.2	18	.005					34
	3+00	15	7	33	.1	10	.005					35
	3+50	23	14	69	.9	16	.005					36
	4+00	46	20	225	.8	3	.005					37
L47SE	4+50SW	28	21	97	1.7	6	.160					38
												39
												40

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ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B.C. V6A 1R6

phone:253 - 3158

File No. 81-0614

Type of Samples Soils

GEOCHEMICAL ASSAY CERTIFICATE

Disposition _____

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au					
L47SE	5+00 SW	36	29	168	1.0	44	.080					1
	5+50	60	25	75	2.0	30	.010					2
	6+00	45	14	80	.9	35	.005					3
	6+50	37	17	117	1.5	50	.040					4
L47SE	7+00 SW	94	28	196	1.6	247	.005					5
												6
L47SE	0+50 NE	36	14	100	.9	9	.040					7
	1+00	30	16	84	.6	12	.050					8
	1+50	30	16	128	.3	11	.015					9
	2+00	31	15	115	1.8	7	1.320					10
	2+50	134	19	183	4.0	17	.145					11
	3+00	47	19	166	2.3	3	.005					12
	3+50	28	17	145	.9	5	.040					13
	4+00	36	25	135	.9	21	.005					14
	4+50	24	20	65	.5	21	.005					15
	5+00	17	9	53	1.0	1	.025					16
	5+50	21	10	80	1.2	1	.005					17
	6+00	48	20	259	1.2	6	.005					18
L47SE	6+50 NE	41	18	260	.9	7	.010					19
												20
L50SE	0+50 SW	26	10	89	.4	6	.125					21
	1+00	38	18	93	1.9	17	.070					22
	1+50	38	18	97	2.2	19	.030					23
	2+00	30	13	100	1.0	22	.060					24
	2+50	36	17	104	1.1	14	.095					25
	3+00	21	13	93	.9	16	.020					26
	3+50	26	10	68	.5	25	.030					27
	4+00	33	15	78	2.2	21	.020					28
	4+50	28	21	115	.9	34	.020					29
	5+00	31	19	97	.7	31	.005					30
	5+50	34	15	72	1.0	28	.010					31
	6+00	37	20	116	1.4	54	.030					32
	6+50	69	25	256	5.4	70	.010					33
L50SE	7+00 SW	14	14	47	.2	46	.080					34
												35
L50SE	0+50 NE	27	18	93	.6	16	.030					36
	1+00	48	7	135	.1	4	.060					37
L50SE	1+50 NE	51	17	140	1.0	14	.050					38
												39
												40

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DATE SAMPLES RECEIVED June 28, 1981

DATE REPORTS MAILED July 7, 1981

ASSAYER _____
Dean Toye

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0614

Type of Samples Soils

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

Table with columns: SAMPLE No., Cu, Pb, Zn, Ag, As, Au, and a numbered index column (1-40). Rows include sample IDs like L50SE, L70SE, L 2NW and their corresponding assay values for various elements.

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SAMPLE No.	Cu	Pb	Zn	Ag	As	Au				
L2NW 9+00 SW	51	9	23	.1	12	.010				1
9+50	44	6	22	.1	10	.005				2
10+00	83	10	42	.2	14	.010				3
10+50	33	10	24	.1	12	.005				4
11+00	25	7	24	.3	12	.015				5
11+50	41	5	22	.2	12	.005				6
12+00	158	9	37	.3	11	.005				7
12+50	17	7	25	.2	12	.005				8
13+00	18	8	18	.1	13	.005				9
13+50	27	8	23	.1	11	.005				10
14+00	91	8	24	.2	10	.005				11
L2NW 14+50 SW	103	6	14	.2	12	.005				12
										13
L2NW 0+50 NE	22	9	36	.4	9	.010				14
1+00	22	11	44	.5	13	.075				15
1+50	75	10	66	.7	9	.010				16
2+00	74	10	68	.7	12	.010				17
2+50	21	9	48	.2	9	.005				18
3+00	14	11	40	.7	5	.015				19
3+50	12	8	31	.3	6	.205				20
4+00	97	9	44	.6	12	.005				21
L2NW 4+50 NE	9	9	23	.3	7	.015				22
										23
L4NW 0+50 NE	59	12	95	.8	9	.030				24
1+00	48	11	72	.2	16	.005				25
1+50	28	10	33	.3	9	.140				26
2+00	13	7	30	.3	7	.020				27
2+50	76	10	53	.4	7	.010				28
3+00	98	8	72	.6	11	.040				29
3+50	36	10	88	.4	9	.015				30
L4NW 4+00 NE	61	13	107	1.6	8	.010				31
										32
L5NW 0+50 NE	59	21	145	2.0	9	.010				33
1+00	46	18	130	1.2	13	.005				34
1+50	92	9	45	1.9	9	.005				35
2+00	32	10	28	1.5	15	.005				36
2+50	17	9	67	.3	10	.005				37
L5NW 3+00 NE	109	10	66	.4	9	.015				38
										39
										40

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phone: 253 - 3158

File No. 81-0614

Type of Samples Soil

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
L5NW 3+50 NE		53	10	30	1.3	10	.010						1
4+00	N.S.												2
L5NW 4+50 NE		13	15	33	.8	6	.005						3
													4
L7NW 0+50 SW		61	20	139	1.8	8	.010						5
1+00		151	23	299	3.1	5	.010						6
1+50		72	18	183	3.0	5	.020						7
2+00		86	24	289	2.6	9	.005						8
2+50		124	25	285	4.0	12	.005						9
3+00		34	16	136	1.7	7	.005						10
3+50		117	14	228	4.2	10	.005						11
4+00		14	10	32	.9	3	.010						12
4+50		23	14	54	.6	11	.015						13
5+00		25	21	49	.4	10	.005						14
5+50		29	23	88	2.3	23	.005						15
6+00		20	29	47	.1	7	.005						16
6+50		18	16	35	.1	13	.005						17
7+00		18	25	34	.1	17	.020						18
7+50		150	18	60	.6	18	.015						19
8+00		18	10	30	.1	15	.005						20
8+50		29	13	53	.4	17	.005						21
9+00		149	10	46	.8	9	.005						22
9+50		210	18	86	.7	8	.005						23
10+00		19	9	47	.1	11	.020						24
10+50		22	10	61	.2	13	.005						25
11+00		77	11	48	.6	18	.005						26
11+50		73	13	63	.5	9	.005						27
12+00		23	8	45	.1	10	.005						28
12+50		35	8	56	.1	9	.005						29
13+00		150	14	76	.6	12	.005						30
13+50		56	13	48	.2	8	.005						31
14+00		29	11	37	.1	13	.005						32
14+50		29	7	38	.1	14	.005						33
15+00		17	9	39	.1	14	.015						34
15+50		16	8	44	.1	9	.005						35
16+00		13	12	57	.1	8	.005						36
16+50		10	10	83	.4	8	.005						37
L7NW 17+00 SW		14	12	46	.1	4	.005						38
													39
													40

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ASSAYER

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CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0614

Type of Samples Soils

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
L7NW	17+50 SW	22	9	39	.1	5	.005						1
L7NW	18+00 SW	31	12	56	.1	12	.005						2
													3
L7NW	0+50 NE	16	10	51	.2	3	.020						4
	1+00	22	11	68	1.2	8	.160						5
	1+50	14	10	33	.1	5	.005						6
	2+00	169	10	96	.7	11	.125						7
	2+50	48	10	63	.6	10	.005						8
	3+00	156	14	112	1.3	10	.020						9
L7NW	3+50 NE	89	12	81	1.0	7	.005						10
													11
L9NW	0+50 SW	25	15	80	.7	6	.010						12
	1+00	23	14	80	.5	10	.005						13
	1+50	46	15	104	2.5	10	.015						14
	2+00	51	27	151	.5	8	.005						15
	2+50	40	19	130	.5	5	.010						16
	3+00	20	12	50	1.3	3	.005						17
L9NW	3+50 SW	58	20	135	2.1	7	.005						18
													19
													20
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													40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 28, 1981

DATE REPORTS MAILED July 7, 1981

ASSAYER *Dean Toye*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

File No. 81-0614

Type of Samples Soils

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

22

SAMPLE No.	Cu	Pb	Zn	Ag	As	Au						
L9NW 4+00 SW	313	23	382	6.1	11	.005						1
4+50	23	21	179	1.0	62	.005						2
5+00	17	13	55	.2	9	.005						3
5+50	41	22	119	.6	28	.005						4
6+00	45	16	88	.5	21	.005						5
6+50	100	16	76	.9	22	.285						6
7+00	23	14	48	.1	12	.005						7
7+50	46	14	61	.5	17	.010						8
8+00	12	17	148	.3	9	.005						9
8+50	27	16	51	.2	11	.010						10
9+00	267	17	88	1.3	15	.005						11
9+50	15	10	37	.1	8	.010						12
10+00	36	11	65	.6	16	.005						13
10+50	15	7	42	.2	12	.010						14
11+00	19	13	50	.1	12	.010						15
11+50	23	13	65	.4	13	.035						16
L9NW 12+00 SW	27	8	44	.1	13	.005						17
L9NW 0+50 NE	15	10	50	2.1	7	.005						18
1+00	52	16	156	2.7	5	.005						19
1+50	41	13	146	2.6	6	.010						20
2+00	77	15	83	1.0	8	.020						21
2+50	76	20	76	2.1	13	.020						22
3+00	78	9	84	.7	9	.005						23
L9NW 3+50 NE	143	9	76	.6	11	.260						24
L10NW 0+00 SW	32	13	82	.8	5	.005						25
0+50	27	13	94	1.5	7	.005						26
1+00	51	20	161	1.4	9	.020						27
1+50	85	16	267	2.2	6	.045						28
2+00	91	21	191	2.0	4	.020						29
2+50	79	24	269	1.7	8	.015						30
3+00	101	25	201	5.1	9	.020						31
3+50	78	37	307	2.7	5	.015						32
4+00	69	22	173	1.3	7	.005						33
L10NW 4+50 SW	21	17	78	.5	9	.005						34
												35
												36
												37
												38
												39
												40

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DETERMINATION:.....

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DATE REPORTS MAILED July 7, 1981
ASSAYER *Dean Toy*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

File No. 81-0614

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Pb	Zn	Ag	As	Au						
L10NW 0+50 NE	33	12	101	1.1	5	.005						1
1+00	43	13	159	5.3	6	.005						2
1+50	52	11	134	.8	6	.020						3
2+00	120	12	174	1.0	5	.025						4
2+50	101	11	114	.9	9	.550						5
3+00	100	10	81	1.0	9	.010						6
3+50	52	8	67	.5	8	.010						7
4+00	98	8	62	.4	3	.075						8
L10NW 4+50 NE	93	14	102	1.9	7	.005						9
												10
L12NW 0+50 SW	61	18	166	1.7	9	.010						11
1+00	83	13	76	.4	15	.005						12
1+50	67	15	172	2.1	5	.010						13
2+00	30	17	123	.6	7	.015						14
2+50	53	20	151	1.4	4	.005						15
3+00	53	17	134	.7	10	.005						16
3+50	26	11	65	1.6	5	.060						17
4+00	168	94	725	8.1	10	.015						18
4+50	71	17	97	.6	15	.015						19
5+00	28	11	63	.4	19	.005						20
5+50	25	14	66	.7	33	.005						21
6+00	97	39	187	1.6	56	.035						22
6+50	7	4	15	.1	3	.010						23
7+00	56	12	43	.1	10	.010						24
7+50	41	14	73	.5	16	.005						25
8+00	31	13	63	.2	9	.020						26
8+50	43	11	65	.1	13	.020						27
9+00	32	10	77	.1	15	.015						28
9+50	13	9	43	.1	5	.010						29
10+00	14	9	36	.2	5	.005						30
10+50	73	13	81	.1	12	.010						31
11+00	69	21	197	.9	8	.010						32
11+50	98	11	111	.6	21	.110						33
L12NW 12+00 SW	58	9	50	.1	14	.005						34
												35
L12NW 0+50 NE	43	14	135	1.0	5	.005						36
1+00	64	10	177	1.3	16	.015						37
L12NW 1+50 NE	42	13	123	1.0	6	.010						38
												39
												40

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DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 28, 1981

DATE REPORTS MAILED July 7, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

File No. 81-0614

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

Table with columns: SAMPLE No., Cu, Pb, Zn, Ag, As, Au, and a numbered index column (1-40). Rows include sample locations like L12NW 2+00 NE, L14NW 0+50 SW, etc.

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DIGESTION:

DETERMINATION:

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ASSAYER [Signature]

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



File No. 81-0614

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
L14NW	16+00 SW	16	6	33	.3	5	.010						1
	16+50	49	10	53	.4	8	.005						2
	17	20	3	47	.2	4	.005						3
	17 A	101	11	42	.3	7	.005						4
	18	20	10	55	.7	6	.005						5
	18 A	30	6	44	.2	9	.005						6
	19	44	8	36	.1	6	.005						7
	19 A	50	7	55	.2	8	.005						8
L14NW	20+00 SW	40	10	39	.4	5	.005						9
													10
L14NW	0+50 NE	47	13	161	1.0	3	.005						11
	1+00	62	18	193	1.9	5	.005						12
	1+50	25	10	92	3.3	6	.005						13
	2+00	41	24	103	.3	8	.005						14
	2+50	47	23	264	3.4	3	.005						15
	3+00	38	14	146	.1	1	.005						16
	3+50	78	20	203	2.6	7	.005						17
L14NW	4+00 NE	123	15	178	.8	4	.005						18
													19
L15NW	0+00 SW	10	10	35	1.1	2	.005						20
													21
L15NW	0+50 NE	56	17	145	1.2	8	.005						22
	1+00	41	10	90	.9	1	.015						23
	1+50	26	15	113	1.2	5	.010						24
	2+00	61	17	158	.4	7	.020						25
	2+50	74	17	115	3.4	5	.010						26
	3+00	30	11	105	.1	1	.005						27
	3+50	57	8	86	.6	6	.005						28
	4+00	117	7	68	.4	4	.060						29
	4+50	N.S.											30
	5+00	36	8	67	.2	3	.005						31
	5+50	65	14	86	.4	3	.030						32
	6+00	53	8	228	.2	4	.005						33
	6+50	30	8	62	.5	3	.005						34
	7+00	13	11	48	.4	3	.005						35
	7+50	32	15	100	.2	4	.005						36
	8+00	23	14	115	.8	4	.005						37
L15NW	8+50 NE	27	13	95	.6	2	.005						38
													39
													40

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ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0614

Type of Samples Soils

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Cu	Pb	Zn	Ag	As	Au						
L15NW 9+00 NE		60	15	173	.4	5	.005						1
	9+50	17	11	101	.6	2	.485						2
	10+00	81	16	185	.7	3	.005						3
	10+50	42	11	136	.4	3	.005						4
	11+00	18	17	89	.5	3	.005						5
	11+50	14	11	70	1.0	2	.005						6
	12+00	9	10	58	1.1	2	.005						7
	12+50	5	9	35	1.4	4	.005						8
	13+00	11	12	55	.6	3	.005						9
	13+50	23	12	71	.1	3	.005						10
	14+00	35	14	116	.2	4	.005						11
	14+50	16	7	44	.1	3	.005						12
	15+00	21	11	62	.1	1	.005						13
	15+50	N.S.											14
	16+00	24	13	87	.3	1	.005						15
	16+50	23	11	56	1.8	2	.005						16
	17+00	32	13	118	.1	5	.005						17
	17+50	32	21	150	.3	3	.005						18
	18+00	28	9	58	.1	2	.005						19
	18+50	25	14	59	.1	4	.005						20
	19+00	23	20	91	.1	12	.005						21
	19+50	16	20	68	.1	24	.005						22
L15NW 20+00 NE		21	32	81	.2	34	.005						23
													24
L17NW 0+50 SW		22	11	73	6.1	6	.005						25
	1+00	74	15	136	.9	7	.020						26
	1+50	20	6	33	.6	6	.005						27
	2+00	18	9	59	.4	11	.045						28
	2+50	17	9	43	1.0	7	.010						29
	3+00	52	12	82	1.0	6	.015						30
	3+50	40	10	83	.7	8	.020						31
	4+00	69	12	127	.6	12	.005						32
	4+50	63	12	123	.4	12	.010						33
	5+00	38	10	95	.5	7	.005						34
	5+50	32	10	69	.1	14	.005						35
	6+00	67	13	102	.1	14	.005						36
	6+50	69	10	68	.1	13	.020						37
L17NW 7+00 SW		68	13	89	.4	12	.005						38
													39
													40

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DATE REPORTS MAILED July 7, 1981

ASSAYER *Dean Toy*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone: 253 - 3158

File No. 81-0614

Type of Samples Soils

GEOCHEMICAL ASSAY CERTIFICATE

Disposition

27

SAMPLE No.	Cu	Pb	Zn	Ag	As	Au						
L17NW 7+50 SW	65	13	106	.5	10	.010						1
8+00	56	16	68	.6	11	.005						2
8+50	34	10	62	.1	5	.005						3
9+00	54	7	43	.3	10	.010						4
9+50	55	10	40	.4	5	.005						5
10+00	61	7	56	.4	25	.005						6
10+50	45	10	71	.4	15	.020						7
11+00	46	6	51	.2	13	.010						8
11+50	59	7	51	.2	5	.020						9
12+00	48	4	30	.2	7	.005						10
12+50	82	10	46	.8	16	.005						11
13+00	57	9	29	.6	14	.010						12
13+50	99	6	34	.3	6	.010						13
14+00	77	10	49	.5	7	.085						14
14+50	34	5	32	.5	5	.010						15
15+00	29	6	43	.4	4	.020						16
15+50	41	5	43	.4	4	.020						17
16+00	44	6	43	.4	5	.010						18
L17NW 16+50 SW	55	6	42	.6	7	.005						19
												20
L17NW 0+50 NE	22	14	76	1.4	4	.035						21
1+00	19	11	57	.4	1	.005						22
1+50	73	14	127	.8	5	.015						23
2+00	140	7	105	.6	9	.030						24
2+50	8	9	24	.3	4	.005						25
3+00	29	7	77	1.1	5	.005						26
3+50	37	16	74	1.0	21	.045						27
L17NW 4+00 NE	36	14	93	.5	5	.065						28
												29
												30
												31
												32
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												40

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phone: 253 - 3158

File No. 81-0614

Type of Samples

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Pb	Zn	Ag	As	Au					
L19NW 0+50 SW	44	21	203	1.7	6	.010					1
1+00	14	17	86	.6	7	.005					2
1+50	41	9	66	.5	9	.010					3
2+00	16	10	62	.5	9	.070					4
2+50	68	13	119	1.4	10	.015					5
3+00	73	15	122	1.3	11	.040					6
3+50	112	12	219	.5	9	.005					7
4+00	35	9	70	.8	21	.085					8
4+50	79	17	107	1.1	17	.005					9
5+00	432	23	147	1.4	42	.030					10
5+50	52	24	95	.7	26	.030					11
6+00	37	22	77	1.0	59	.040					12
6+50	36	14	71	.6	24	.010					13
7+00	40	22	90	1.2	97	.005					14
7+50	78	13	41	.5	15	.005					15
8+00	589	14	90	1.4	18	.010					16
L19NW 8+50 SW	125	13	52	1.2	12	.010					17
											18
											19
											20
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81-0614

File No. _____

Type of Samples _____

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Pb	Zn	Ag	As	Au						
L19NW 9+00 SW	13	6	26	.2	2	.005						1
9+50	26	11	50	.2	11	.005						2
10+00	55	10	55	.3	46	.010						3
10+50	15	9	70	.1	7	.005						4
11+00	64	12	100	.3	36	.005						5
11+50	82	14	77	.1	94	.005						6
12+00	48	10	55	.4	29	.015						7
12+50	12	8	54	.4	7	.005						8
13+00	20	10	43	.1	4	.005						9
13+50	72	8	34	.4	7	.010						10
14+00	56	10	62	.2	7	.010						11
14+50	17	9	33	.2	3	.050						12
15+00	24	7	46	.1	1	.025						13
15+50	20	9	37	.2	5	.005						14
16+00	12	8	26	.2	2	.330						15
16+50	44	9	44	.2	2	.010						16
17+00	68	11	35	.2	3	.005						17
17+50	34	9	35	.1	3	.005						18
18+00	154	11	54	.4	2	.005						19
18+50	106	43	52	.3	3	.005						20
19+00	225	12	69	.9	5	.005						21
19+50	55	10	38	.2	6	.015						22
20+00	97	9	51	.2	3	.005						23
20+50	90	8	63	.4	8	.005						24
21+00	60	8	55	.3	6	.005						25
21+50	66	10	55	.3	9	.005						26
L19NW 22+00 SW	71	9	60	.4	3	.040						27
												28
												29
L19NW 0+50 NE	19	7	59	1.1	2	.005						30
1+00	93	14	134	1.1	10	.010						31
1+50	40	4	49	.2	8	.050						32
2+00	39	14	121	.3	17	.010						33
2+50	119	7	75	.3	1	.005						34
L19NW 3+00 NE	16	10	35	.3	3	.030						35
												36
L22NW 0+50 SW	16	6	50	.2	2	.005						37
L22NW 1+00 SW	32	12	77	.7	5	.005						38
												39
												40

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 DETERMINATION:.....

DATE SAMPLES RECEIVED June 28, 1981
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 ASSAYER Dean Toyne

DEAN TOYNE, B.Sc.
 CHIEF CHEMIST
 CERTIFIED B.C. ASSAYER



To: Kerr, Dawson & Associates Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

phone:253 - 3158

File No. 81-0614

Type of Samples Soil

Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Cu	Pb	Zn	Ag	As	Au					
L22NW 1+50 SW	56	13	63	1.7	3	.010					1
2+00	34	15	127	2.8	4	.015					2
2+50	37	12	79	.8	9	.005					3
3+00	20	10	56	1.1	6	.010					4
3+50	67	13	123	.9	9	.010					5
4+00	36	14	55	1.6	8	.005					6
4+50	29	16	74	1.0	11	.010					7
5+00	26	18	60	.9	16	.005					8
5+50	59	19	92	.4	18	.010					9
6+00	38	24	72	.8	29	.150					10
6+50	45	22	134	.8	47	.020					11
7+00	75	26	133	.9	45	.040					12
7+50	619	10	48	1.3	18	.010					13
8+00	137	6	22	.7	6	.005					14
8+50	102	14	96	.8	22	.005					15
9+00	N.S.										16
9+50	16	10	39	.1	7	.005					17
10+00	10	7	29	.3	12	.340					18
10+50	73	14	42	.7	12	.005					19
11+00	28	8	44	.3	11	.005					20
11+50	126	16	67	.7	7	.005					21
12+00	15	10	39	.1	10	.005					22
12+50	19	8	37	.2	9	.005					23
13+00	14	10	31	.1	8	.005					24
L22NW 13+50 SW	16	8	45	.1	10	.005					25
											26
L22NW 0+50 NE	96	14	156	2.0	8	.070					27
1+00	30	6	39	.4	8	.005					28
1+50	17	9	28	.1	6	.025					29
2+00	50	7	42	.1	4	.005					30
2+50	91	8	55	.2	7	.005					31
3+00	93	5	56	.1	6	.080					32
3+50	12	11	48	.2	7	.005					33
4+00	92	14	116	.8	8	.120					34
L22NW 4+50 NE	33	10	65	.6	7	.005					35
											36
L25NW 0+00	55	11	127	2.2	7	.005					37
L25NW 0+50 NE	20	8	45	.4	8	.005					38
											39
											40

All reports are the confidential property of clients
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED June 28, 1981

DATE REPORTS MAILED July 7, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

APPENDIX III

PERSONNEL

PERSONNEL

J. M. Dawson, P. Eng.	May 29, 30, 31, 1981 June 1, 3, 5, 18, 1981 August 20, 1981	-8 days
W. Gruenwald, B.Sc.	June 4, 1981	-1 day
G. Belik, M.Sc.	June 18, 19, 20, 21, 22/81 July 26, 27, 28, 29, 30/81 August 6, 7, 8, 9, 10, 12/81-15 ½ days	
John R. Kerr, P. Eng.	June 15, 1981	- 1 day
M. Dawson	May 31, 1981 June 1 - 24, 1981 inclusive June 26, 29, 30, 1981	-28 days
R. Henderson	June 1 - 24, 1981 inclusive	-24 days
D. Adamson	June 4 - 24, 1981 inclusive	-21 days
P. Murphy	June 1 - 24, 1981 inclusive	-24 days
K. Davies	June 1 - 24, 1981 inclusive	-24 days
B. Dawson	June 1 - 24, 1981 inclusive	-24 days

APPENDIX IV

PROGRAM COSTS

PROGRAM COSTS

1. PERSONNEL:

J. M. Dawson, P. Eng.		
3 days @ \$250.00/day	\$2,000.00	
G. Belik, M.Sc.		
15 ½ days @ \$250.00/day	3,875.00	
John R. Kerr,		
1 day @ \$250.00/day	250.00	
M. Dawson,		
28 days @ \$145.00/day	4,060.00	
R. Henderson,		
24 days @ \$130.00/day	3,120.00	
W. Gruenwald, B.Sc.		
1 day @ \$200.00/day	200.00	
D. Adamson,		
21 days @ \$115.00/day	2,415.00	
P. Murphy,		
24 days @ \$115.00/day	2,760.00	
K. Davies,		
24 days @ \$115.00/day	2,760.00	
B. Dawson,		
24 days @ \$115.00/day	<u>2,760.00</u>	
		\$24,200.00

(continued)

2. EXPENSES AND DISBURSEMENTS:

(a).	Base Map Preparation		\$2,415.16
(b).	Room and board		4,935.40
(c).	Assays & Geochemical Analyses		16,797.55
(d).	Truck Rental		
	38 days @ \$35.00/day	\$1,330.00	
	4807 miles @ \$0.35/mi.	<u>1,682.45</u>	
			3,012.45
(e).	Field Equipment & Supplies		833.56
(f).	Freight		173.20
(g).	Telephone, blueprints, secretarial, -Xerox, etc.		<u>134.90</u>
			<u>28,302.22</u>
		Total Costs	<u>\$ 52,502.22</u>

APPENDIX V

STATEMENT OF QUALIFICATIONS:

G. D. BELIK

GARY D. BELIK, M.Sc.

Consulting Geologist
Mineral Exploration

#6 NICOLA PLACE, 310 NICOLA STREET • KAMLOOPS, B.C. V2C 2P5 • PHONE (604) 374-4247

CERTIFICATE

I, GARY D. BELIK, OF THE CITY OF KAMLOOPS, BRITISH COLUMBIA, DO HEREBY CERTIFY THAT:

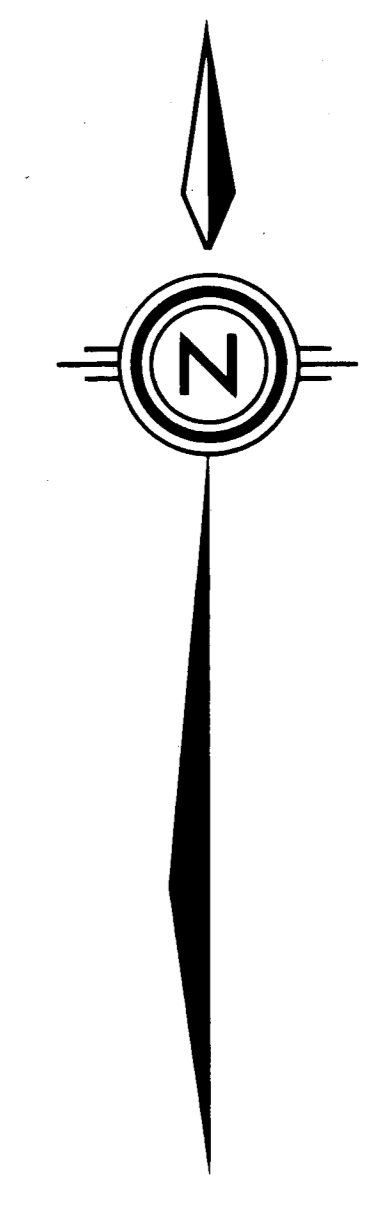
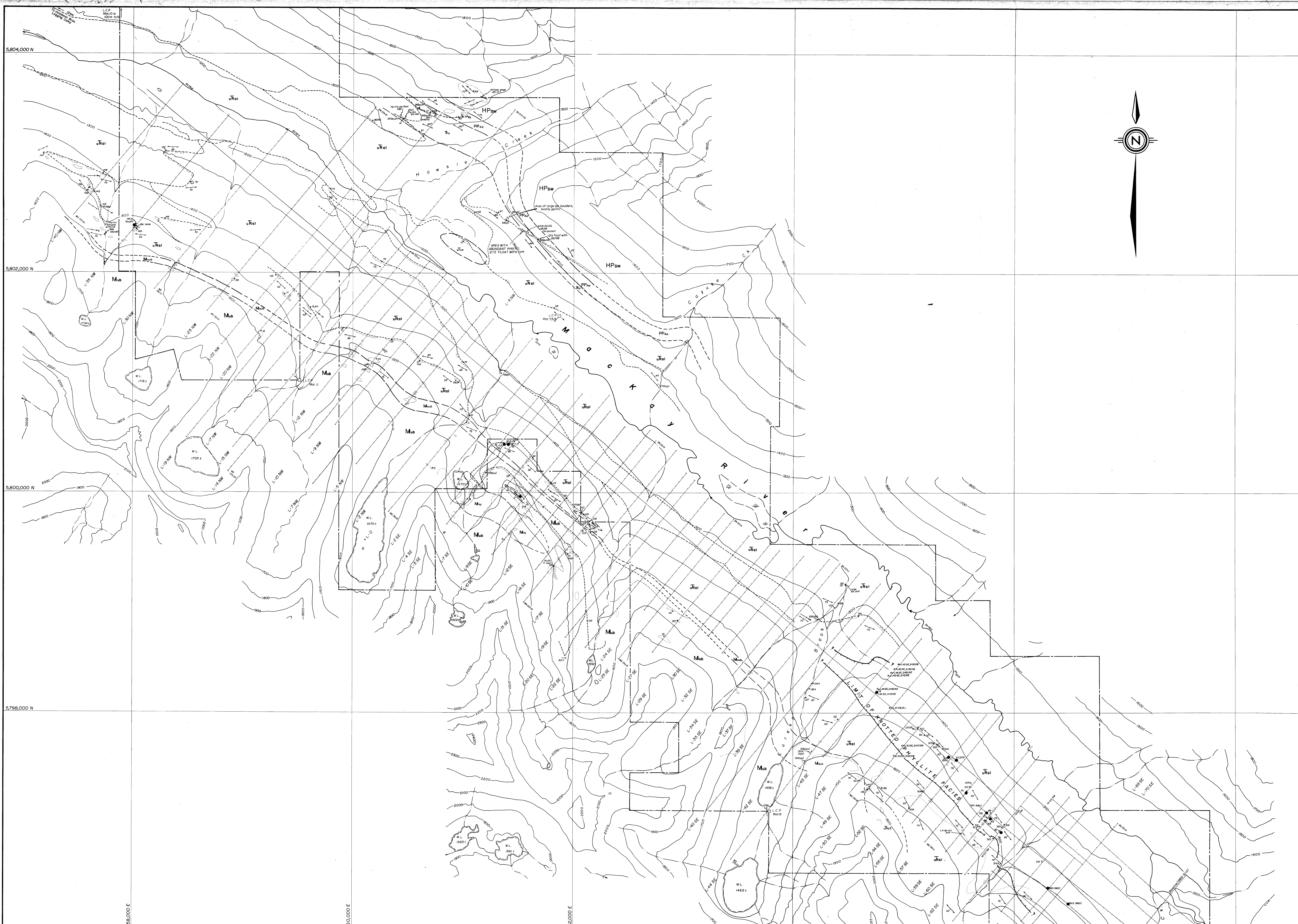
- (1). I am a member of the Canadian Institute of Mining and Metallurgy, and a fellow of the Geological Association of Canada,
- (2). I am employed by G. Belik and Associates Ltd. with my office at #206 - 310 Nicola St., Kamloops, B. C.
- (3). I am a graduate of the University of British Columbia with a B. Sc. in Honors Geology and a M. Sc. in Geology.
- (4). I have practised continuously as a geologist since May, 1970.
- (5). This report is based on an exhaustive study of all available data, published and unpublished reports, and my examination of the property during June, July and August, 1981.
- (6). Permission is hereby granted to Keron Holdings Ltd. to use this report for financing purposes, and to satisfy requirements of the Securities Commission, the Stock Exchange, and the B.C. Ministry of Mines.



Gary D. Belik, M. Sc.,
GEOLOGIST.

KAMLOOPS, B. C.

November 16, 1981



- L E G E N D -

- 2000 TOPOGRAPHIC CONTOUR IN METERS (A.S.L.) CONTOUR INTERVAL 100 METERS
- W.L. 1532 CREEK, RIVER
- W.L. 1532 LAKE WITH TOPOGRAPHIC ELEVATION
- SWAMPY AREA
- GRAVEL ROAD - TOTE ROAD
- CLAIM BOUNDARY WITH LEGAL CORNER POST (L.C.P.)
- GRID LINE WITH 50 METER STATIONS AND LINE NUMBER
- UNIVERSAL TRANSVERSE MERCATOR GRID LINE FROM N.T.S. MAP SHEET 94277
- EARLY FOLIATION, VERTICAL, INCLINATION 10-20°
- LATE FOLIATION
- EARLY FOLD AXIS
- LATE FOLD AXIS
- OUTCROP
- ANGULAR FLOAT
- GEOLOGICAL CONTACT, DEFINITE, ASSUMED
- ROCK SAMPLE LOCATION
- ROCK SAMPLE LOCATION WITH ANOMALOUS GOLD

KERON HOLDINGS LTD.
GEOLOGICAL PLAN
AND
ROCK SAMPLE LOCATIONS
FRASERGOLD PROPERTY
 CARIBOO MINING DIVISION, B.C.

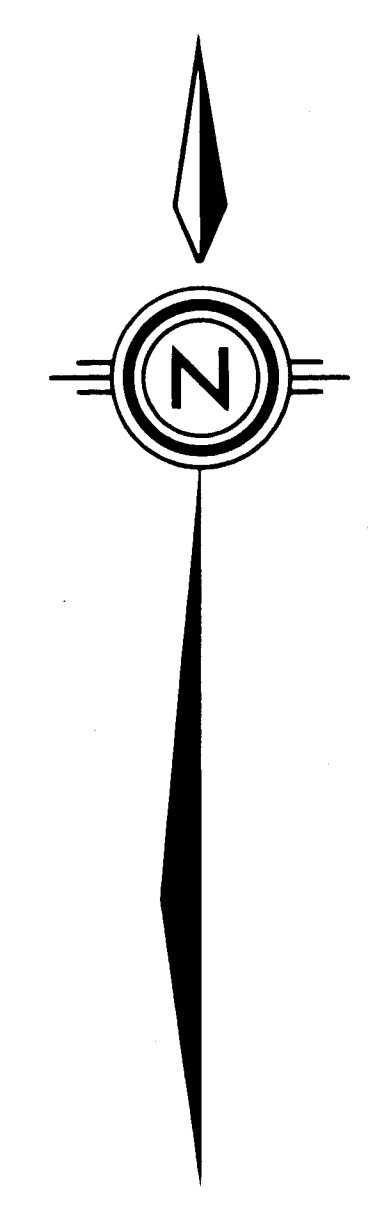
TECHNICAL WORK BY: KERN, DAWSON AND ASSOCIATES LTD.
 SCALE: 1:10,000 (1"=100M)
 DRAWN BY: W.G. DATE: OCTOBER, 1981
 APPROVED BY: G.BELIN, M.Sc.

- PROTEROZOIC
- SNOWSHOE Fm: FELDSPAR AUGEN GNEISS, SCHIST, SHARP BANDED GNEISS
- UPPER PALEOZOIC
- ANTLER Fm: FOLIATED GREENSTONE, GREENSCHIST
- LOWER PALEOZOIC
- LOWER UNIT: BLACK PHYLITE, GREENSCHIST, QUARTZ-SERICITE SCHIST
- MIDDLE UNIT: DARK GREY TO BLACK, LUSTEROUS PHYLITE, MAJOR LIMESTONE
- UPPER UNIT: BLACK PHYLITE, GREENSCHIST, QUARTZ-SERICITE-CHLORITE PHYLITE
- TRIASIC
- MAFIC SILL UNIT
- COARSE GRAINED PEGMATITE/PALAGIOCLASE INTRUSIVE, GENERALLY ALTERED AND MODERATELY SHEARED
- HIGHLY SHEARED MARBLED PHASE OF MAFIC SILL UNIT, APPEARANCE OF GREENSCHIST, SHADES W.G. AND
- TERTIARY
- VALLEY BASALT

GEOCHEMICAL CATEGORIES

	GOLD(PPM)	SILVER(PPM)	LEAD(PPM)	COPPER(PPM)	ZINC(PPM)	ARSENIC(PPM)
PROBABLY ANOMALOUS	94 - 157	18 - 27	18 - 24	123 - 184	144 - 204	61 - 105
DEFINITE ANOMALOUS	158 - 220	28 - 36	25 - 30	185 - 246	205 - 264	106 - 150
HIGHLY ANOMALOUS	> 220	> 36	> 30	> 246	> 264	> 150

To accompany report by G. Belin, M.Sc.



- L E G E N D -

- 2000 TOPOGRAPHIC CONTOUR IN METERS (A.S.L.) CONTOUR INTERVAL
- CREEK, RIVER
- LAKE WITH TOPOGRAPHIC ELEVATION
- SWAMPY AREA
- GRAVEL ROAD - TOTE ROAD
- CLAIM BOUNDARY WITH LEGAL CORNER POST (L.C.P.)
- GRID LINE WITH 50 METER STATIONS AND LINE NUMBER
- UNIVERSAL TRANSVERSE MERCATOR GRID LINE FROM N.T.S. MAP SHEET 23A/7

KERON HOLDINGS LTD.
SOIL GEOCHEMICAL PLAN
(ARSENIC)
FRASERGOLD PROPERTY
 CARIBOO MINING DIVISION, B.C.

TECHNICAL WORK BY: KERN, DAWSON AND ASSOCIATES LTD.
 DRAWN BY: W.G.
 APPROVED BY: G. BELIK, M.Sc.

SCALE: 1:10,000 (1cm=100m)
 DATE: OCTOBER, 1998
 FIG. NO. 220-11

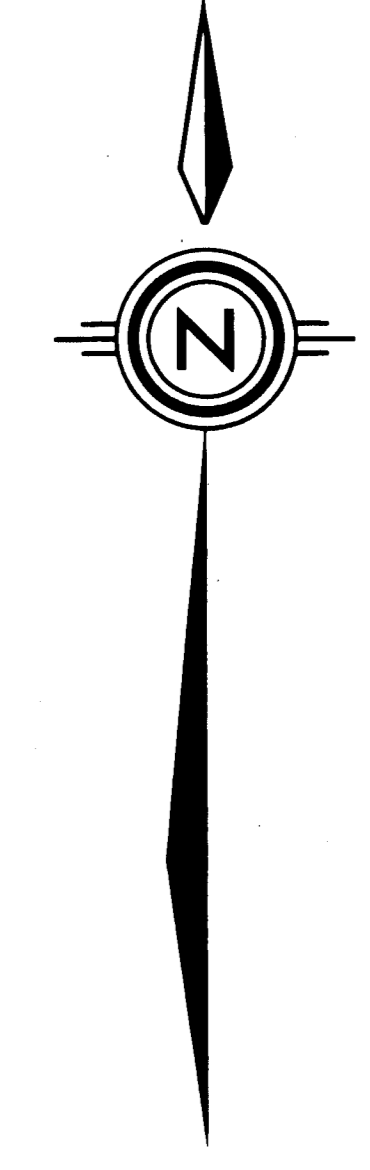
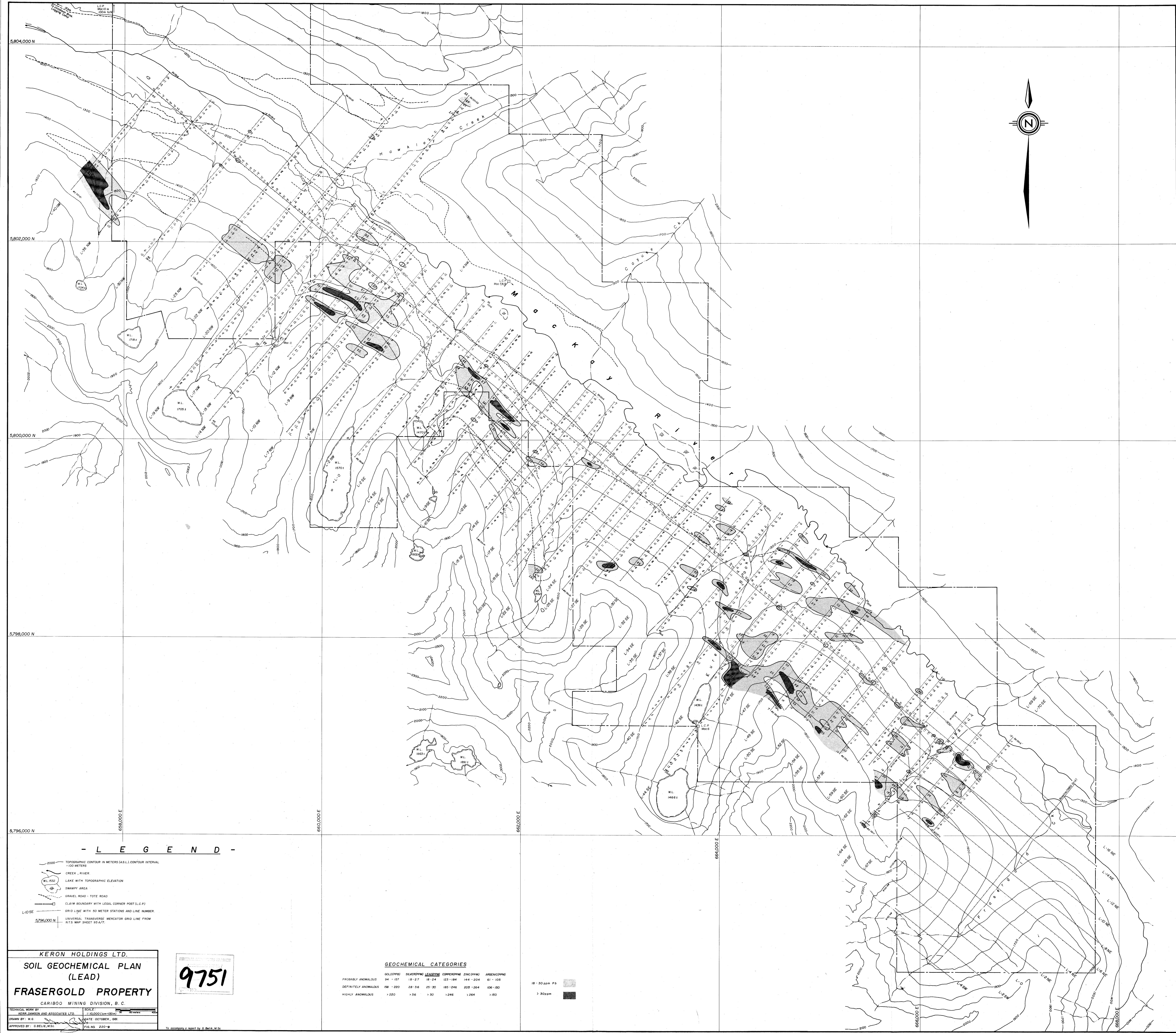
9751
 NO.

GEOCHEMICAL CATEGORIES

	GOLD (PPM)	SILVER (PPM)	LEAD (PPM)	COPPER (PPM)	ZINC (PPM)	ARSENIC (PPM)
PROBABLY ANOMALOUS	94 - 157	18 - 27	18 - 24	123 - 184	144 - 204	61 - 105
DEFINITELY ANOMALOUS	158 - 220	28 - 36	25 - 30	185 - 246	205 - 264	106 - 150
HIGHLY ANOMALOUS	> 220	> 36	> 30	> 246	> 264	> 150

61 - 150 ppm As
 > 150 ppm

In accordance with report by G. Belik, M.Sc.



- L E G E N D -

- 2000 TOPOGRAPHIC CONTOUR IN METERS (AS L.I.) CONTOUR INTERVAL 100 METERS
- CREEK, RIVER
- LAKE WITH TOPOGRAPHIC ELEVATION
- SWAMPY AREA
- GRAVEL ROAD - TOTE ROAD
- CLAIM BOUNDARY WITH LEGAL CORNER POST (L.C.P.)
- GRID LINE WITH 50 METER STATIONS AND LINE NUMBER
- UNIVERSAL TRANSVERSE MERCATOR GRID LINE FROM N.T.S. MAP SHEET 93A/P

KERON HOLDINGS LTD.
SOIL GEOCHEMICAL PLAN
(LEAD)
FRASERGOLD PROPERTY
 CARIBOO MINING DIVISION, B.C.

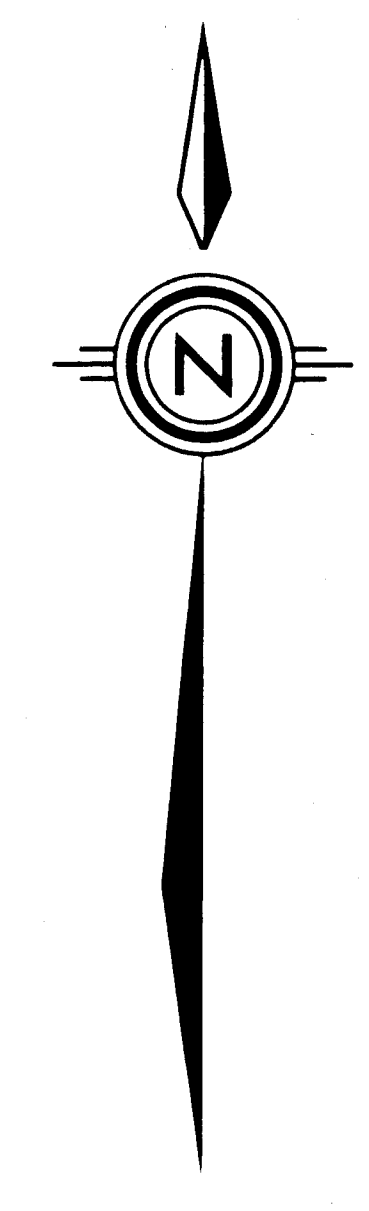
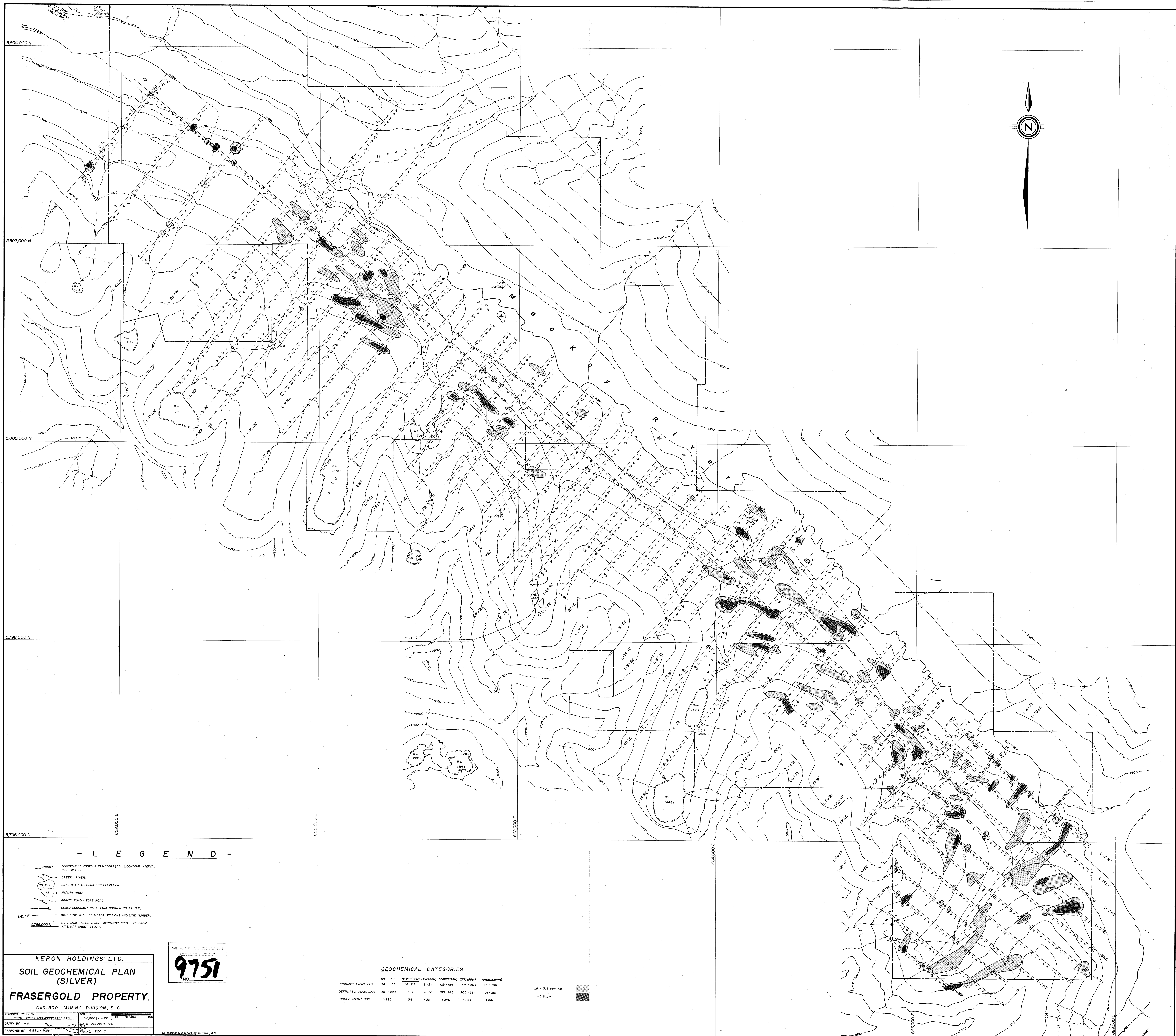
9751

GEOCHEMICAL CATEGORIES

	GOLD (PPM)	SILVER (PPM)	COPPER (PPM)	ZINC (PPM)	ARSENIC (PPM)
PROBABLY ANOMALOUS	94 - 157	18 - 27	18 - 24	123 - 184	144 - 204
DEFINITELY ANOMALOUS	158 - 220	28 - 36	25 - 30	185 - 246	205 - 264
HIGHLY ANOMALOUS	> 220	> 36	> 30	> 246	> 264

18 - 30 ppm Pb
 > 30 ppm

TECHNICAL WORK BY: **KERON HOLDINGS LTD.**
 SCALE: 1:50,000
 DRAWN BY: **W.S.**
 DATE: OCTOBER, 1981
 APPROVED BY: **G.BELUK, M.S.**
 FIG. NO. 220-9



- L E G E N D -

- 2000 TOPOGRAPHIC CONTOUR IN METERS (AS L) CONTOUR INTERVAL 100 METERS
- CREEK, RIVER
- LAKE WITH TOPOGRAPHIC ELEVATION
- SWAMPY AREA
- GRAVEL ROAD - TOTE ROAD
- CLAIM BOUNDARY WITH LEGAL CORNER POST (L.C.P.)
- GRID LINE WITH 50 METER STATIONS AND LINE NUMBER
- UNIVERSAL TRANSVERSE MERCATOR GRID LINE FROM N.T.S. MAP SHEET 95A/77

KERON HOLDINGS LTD.
SOIL GEOCHEMICAL PLAN
(SILVER)
FRASERGOLD PROPERTY,
 CARIBOO MINING DIVISION, B. C.

9751
NO.

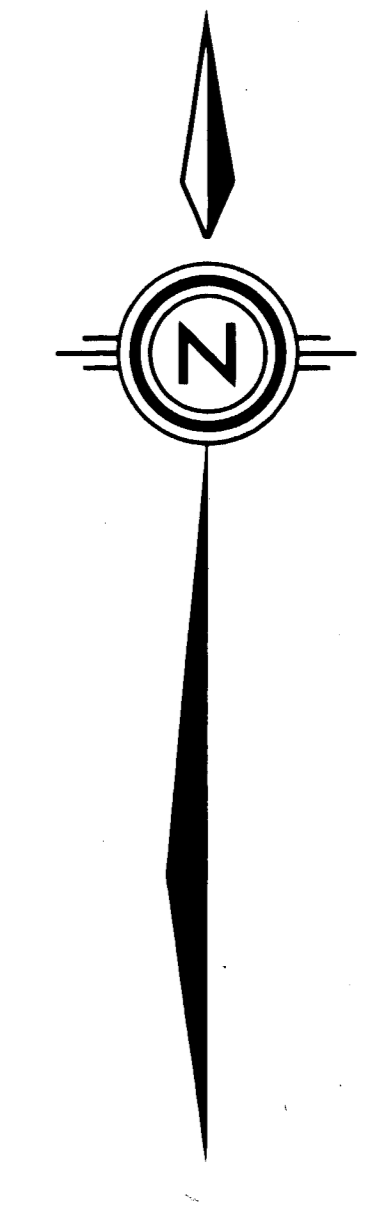
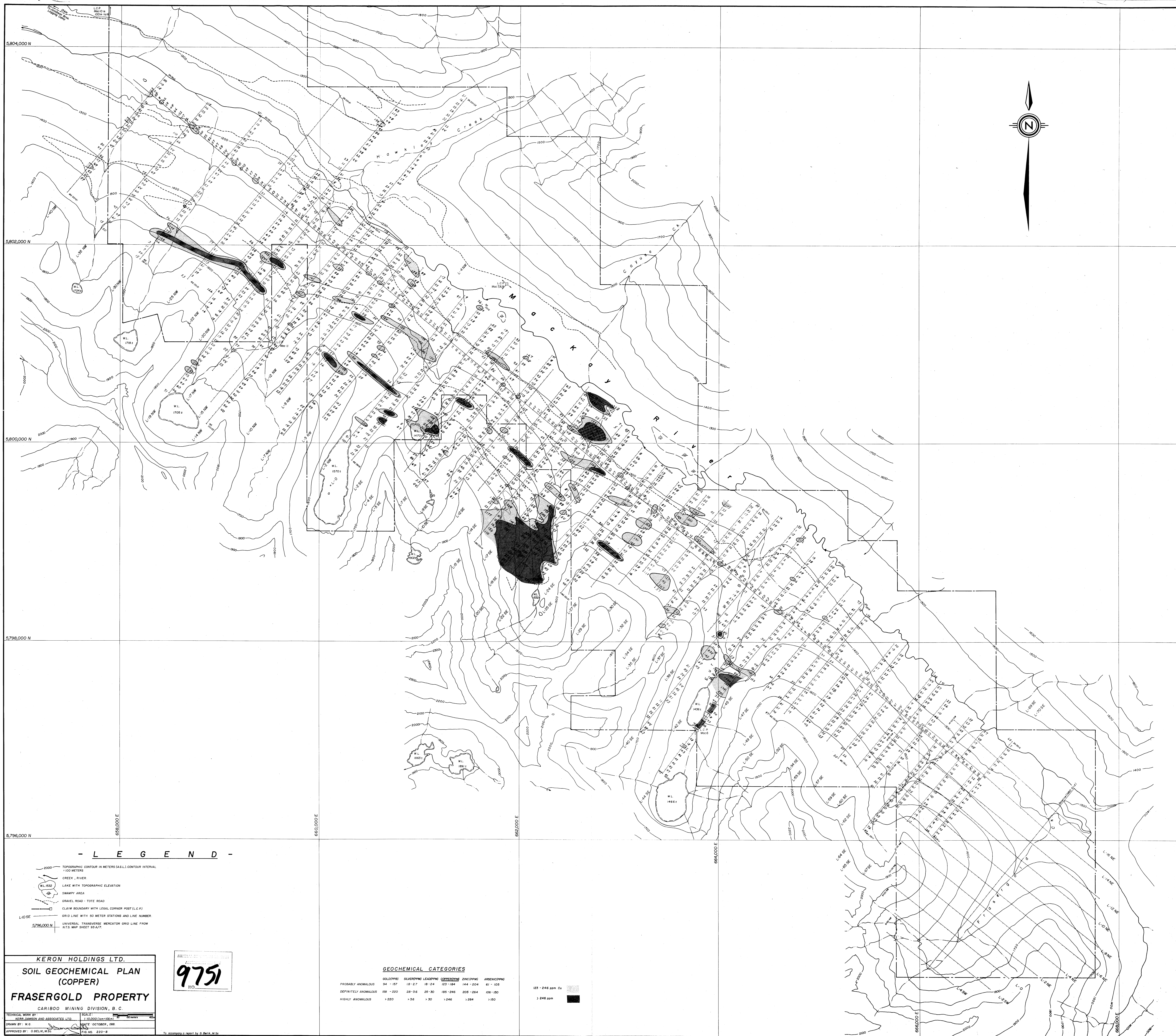
GEOCHEMICAL CATEGORIES

	GOLD (PPM)	SILVER (PPM)	LEAD (PPM)	COPPER (PPM)	ZINC (PPM)	ARSENIC (PPM)
PROBABLY ANOMALOUS	94 - 157	1.0 - 2.7	18 - 24	125 - 184	144 - 204	61 - 105
DEFINITELY ANOMALOUS	158 - 220	2.8 - 3.6	25 - 30	185 - 246	205 - 264	106 - 150
HIGHLY ANOMALOUS	> 220	> 3.6	> 30	> 246	> 264	> 150

1:0 - 3.6 ppm Ag
 > 3.6 ppm

TECHNICAL WORK BY: **WELLS, SIMPSON AND ASSOCIATES LTD.**
 SCALE: 1:10000
 DRAWN BY: **W.G.**
 DATE: **OCTOBER, 1981**
 APPROVED BY: **G. BELK, N.S.C.**
 FIG. NO. **220-7**

To accompany a report by G. Bell, U.S.



- L E G E N D -

- 2000 TOPOGRAPHIC CONTOUR IN METERS (AS L.I. CONTOUR INTERVAL 100 METERS)
- CREEK, RIVER
- LAKE WITH TOPOGRAPHIC ELEVATION
- SWAMPY AREA
- GRAVEL ROAD - TOTE ROAD
- CLAIM BOUNDARY WITH LEGAL CORNER POST (L.C.P.)
- GRID LINE WITH 50 METER STATIONS AND LINE NUMBER
- UNIVERSAL TRANSVERSE MERCATOR GRID LINE FROM N.T.S. MAP SHEET 93 A/7

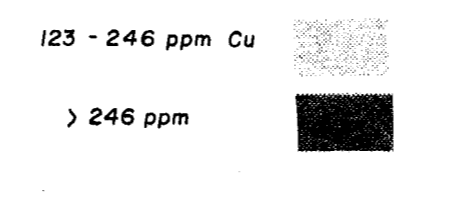
KERON HOLDINGS LTD.
SOIL GEOCHEMICAL PLAN
(COPPER)
FRASERGOLD PROPERTY
 CARIBOO MINING DIVISION, B. C.

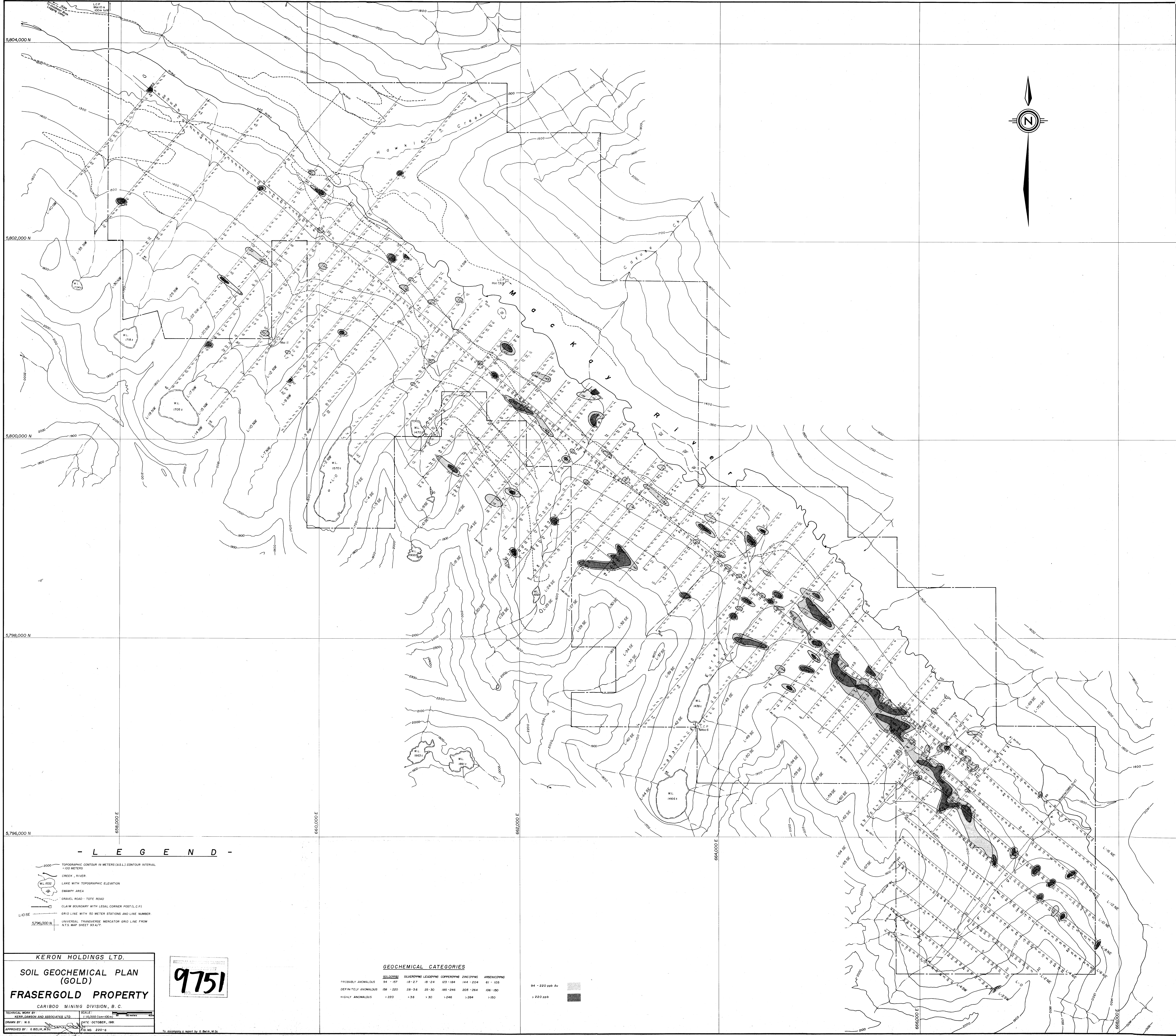
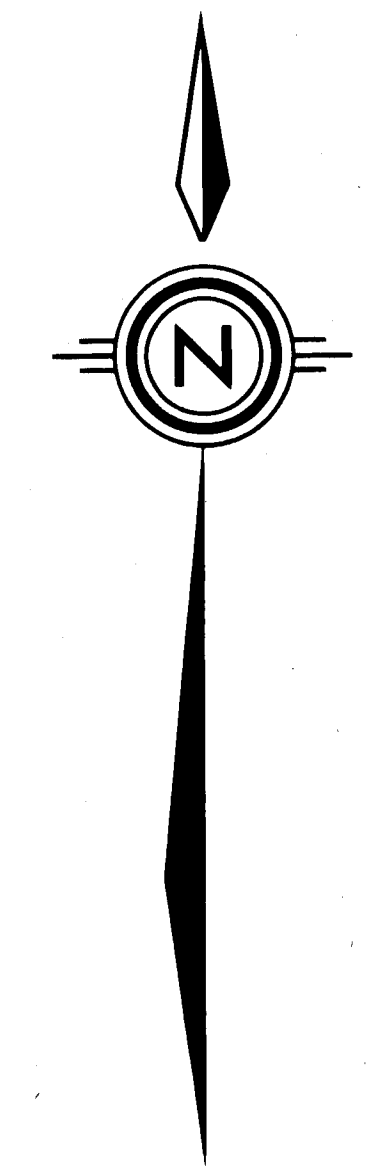
TECHNICAL WORK BY: **ALCOA**
 DRAWN BY: W.S. DATE: OCTOBER, 1981
 APPROVED BY: G. REUK, M.S.E. FIG. NO. 220-8

9751
NO.

GEOCHEMICAL CATEGORIES

	GOLD (PPM)	SILVER (PPM)	LEAD (PPM)	COPPER (PPM)	ZINC (PPM)	ARSENIC (PPM)
PROBABLY ANOMALOUS	94 - 157	18 - 27	18 - 24	123 - 184	144 - 204	61 - 105
DEFINITELY ANOMALOUS	158 - 220	28 - 36	25 - 30	185 - 246	205 - 264	106 - 150
HIGHLY ANOMALOUS	> 220	> 36	> 30	> 246	> 264	> 150





- L E G E N D -

- TOPOGRAPHIC CONTOUR IN METERS (AS L) CONTOUR INTERVAL 100 METERS
- CREEK, RIVER
- LAKE WITH TOPOGRAPHIC ELEVATION
- SWAMPY AREA
- GRAVEL ROAD - TOTE ROAD
- CLAIM BOUNDARY WITH LEGAL CORNER POST (L.C.P.)
- GRID LINE WITH 50 METER STATIONS AND LINE NUMBER
- UNIVERSAL TRANSVERSE MERCATOR GRID LINE FROM N.T.S. MAP SHEET 99 A/7.

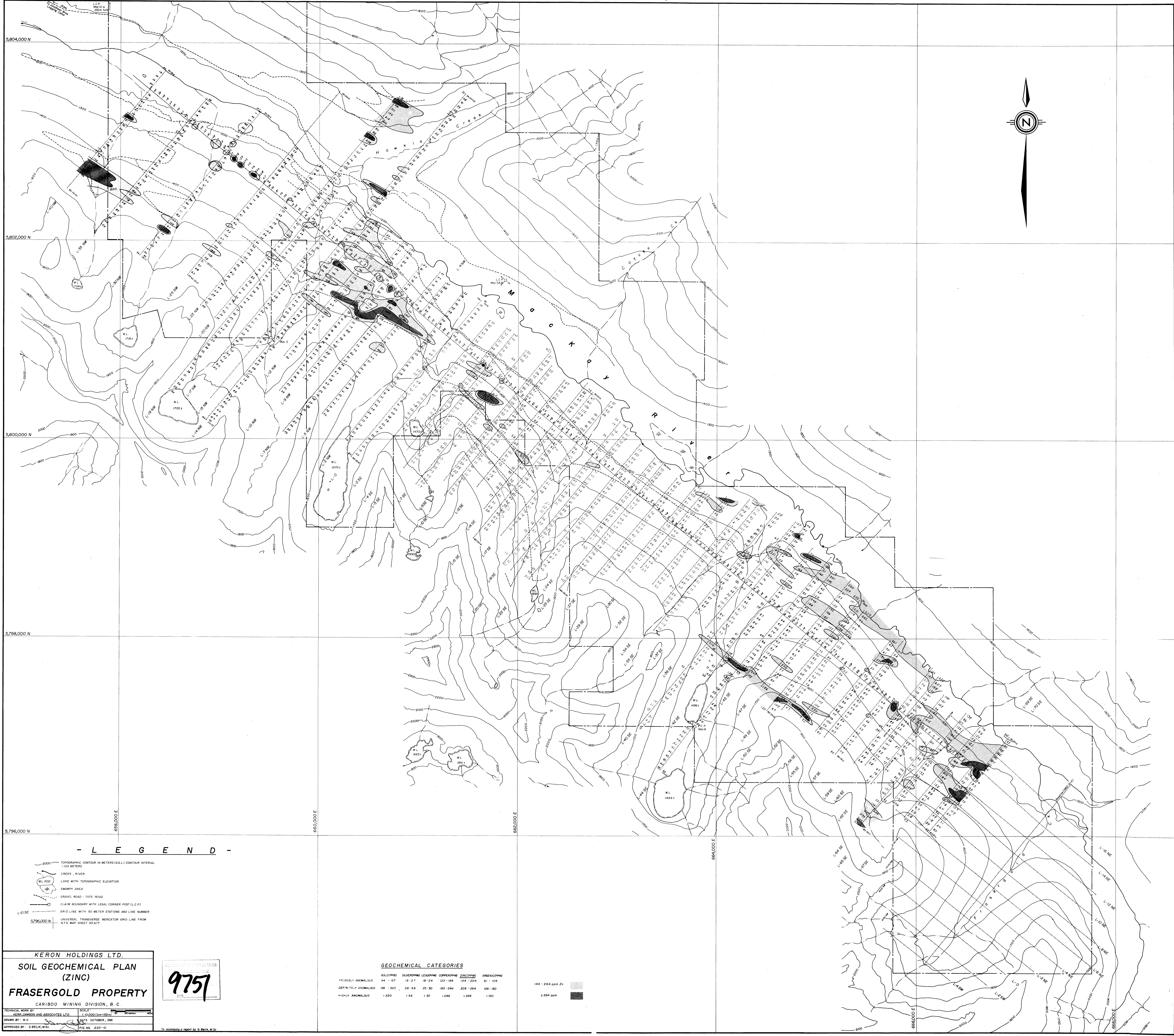
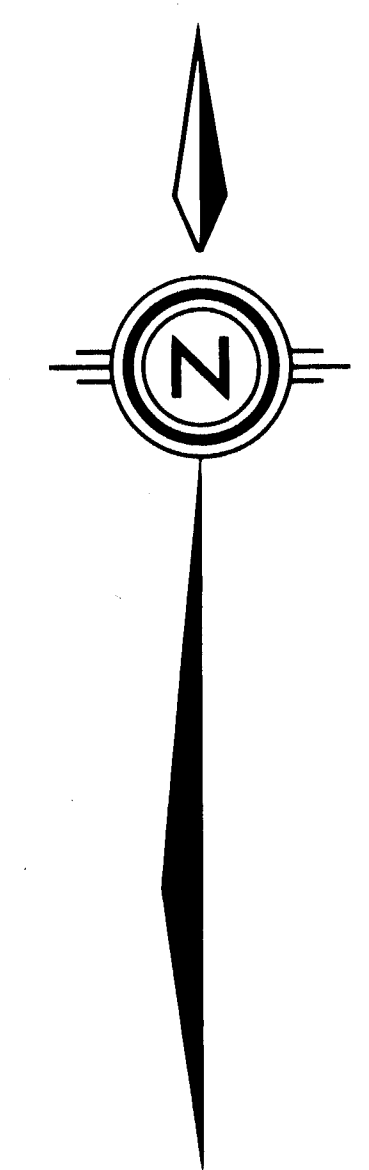
KERON HOLDINGS LTD.
SOIL GEOCHEMICAL PLAN (GOLD)
FRASERGOLD PROPERTY
CARIBOO MINING DIVISION, B. C.
TECHNICAL WORK BY: [Name]
DRAWN BY: W.G.
APPROVED BY: G. BELUK, M.Sc.
DATE: OCTOBER, 1996
SCALE: 1:10,000 (AS SHOWN)
FIG. NO. 220-6

9751

GEOCHEMICAL CATEGORIES

	SILICOPHYLL	SILICOPHYLL LEADOPHYLL	COPPEROPHYLL	ZINCOPHYLL	ARSENICOPHYLL
PROBABLY ANOMALOUS	94 - 107	18 - 27	18 - 24	144 - 204	61 - 105
DEFINITELY ANOMALOUS	108 - 220	28 - 36	25 - 30	185 - 246	205 - 264
HIGHLY ANOMALOUS	> 220	> 36	> 30	> 246	> 264

94 - 220 ppb Au
> 220 ppb



- L E G E N D -

- 2000 TOPOGRAPHIC CONTOUR IN METERS (A.S.L.) CONTOUR INTERVAL 100 METERS
- CREEK, RIVER
- LAKE WITH TOPOGRAPHIC ELEVATION
- SWAMPY AREA
- ORSHEL ROAD - TOTE ROAD
- CLAIM BOUNDARY WITH LEGAL CORNER POST (L.C.P.)
- GRID LINE WITH 50 METER STATIONS AND LINE NUMBER
- UNIVERSAL TRANSVERSE MERCATOR GRID LINE FROM N.E.S. MAP SHEET 92/477

KERON HOLDINGS LTD.
SOIL GEOCHEMICAL PLAN
(ZINC)
FRASER GOLD PROPERTY
CARIBOO MINING DIVISION, B.C.

TECHNICAL WORK BY: KERN, GIBSON AND ASSOCIATES LTD.
DRAWN BY: W.G.
APPROVED BY: G. BEUK, M.Sc.

SCALE: 1:10,000 (1"=100M)
DATE: OCTOBER, 1991
FIG. NO. 220-10

9751

GEOCHEMICAL CATEGORIES

	GOLD (PPM)	SILVER (PPM)	LEAD (PPM)	COPPER (PPM)	ZINC (PPM)	ARSENIC (PPM)
POSSIBLY ANOMALOUS	94 - 157	18 - 27	18 - 24	123 - 184	124 - 204	61 - 105
DEFINITELY ANOMALOUS	158 - 220	28 - 36	25 - 30	185 - 246	205 - 264	106 - 150
HIGHLY ANOMALOUS	> 220	> 36	> 30	> 246	> 264	> 150

144 - 264 ppm Zn
> 264 ppm