Shangri-La Minerals Limited

RECONNAISSANCE SURVEYS

ON THE

KRUGER PROJECT

FOR

MAKUS RESOURCES INC.

NTS 82E/3 AND 4

LATITUDE: 49°00' NORTH
LONGITUDE: 119°30' WEST

BY

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SHANGRI-LA MINERALS LIMITED

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SUMMARY

A combined geological, geophysical and geochemical reconnaissance of the Kruger Project claims held by Makus Resources Inc. was conducted by Shangri-La Minerals Limited from February 15 to March 16, 1986.

Anomalous gold, silver and copper occurrences have been located in a complex of altered sediments volcanics and intrusives. Geochemical analysis results ranged from trace amounts to 0.14 oz/ton Au, 19.06 oz/ton Ag and 2.62% Cu.

The Kruger Project consists of approximately 8.5 km^2 of land surrounding the former Dividend-Lakeview gold-copper mine where irregular bodies of garnet-epidote skarn have yielded around 19,000 ounces of gold and 161,712 kg of copper from approximately 100,000 tons of ore. The claims are less than three kilometers from the town of Osoyoos and adjoin the USA-Canada boundary.

Detailed geological mapping has revealed the presence of several shear zones, fissure veins and at least two skarn bodies. Minerals found in the Dividend mine ore such as pyrrhotite, magnetite, arsenopyrite and chalcopyrite have been observed in various locations.

Geophysical studies reveal the presence of a series of parallel, sub-parallel and converging conductors which may represent geological structures which in turn could be instrumental to mineral emplacement. Irregular and often sharp magnetic highs were defined in different portions of the property. One large magnetic high on the Gold Hill Crown Grant appears to reveal the presence of a well defined concentration of magnetic minerals such as pyrrhotite and magnetite.

Soil geochemistry, although used only as an orientation, reveals some anomalous concentrations of gold, silver, arsenic and copper, the majority of which coincide or adjoin geological or geophysical zones of interest.

It is recommended that a second phase of exploration be undertaken to assess the grade and geometry characteristics, as well as the economic potential of target areas and to test them by diamond drilling.

Respectfully submitted at Vancouver, B.C.

Frank Di Spirito, B.A.Sc., P.Eng.
2 April 1986

PART A

Introduction

From February 16, 1986 to March 15, 1986 an initial phase of exploration was performed on the Kruger Mountain Project. The work consisted of:

1) Detailed mapping and prospecting on the Dividend-Lakeview and Gold Hill claims, and reconnaissance mapping on the Kruger Mountain claim.
2) High resolution magnetic survey.
3) Fraser filtered Electromagnetic Survey.
4) Crone Shootback Electromagnetic Orientation Survey on Selected Area,
5) Geochemical sampling and selective analysis over target areas.
6) Grid establishment.
7) Trenching.

The following report summarizes the results of the work performed and offers recommendations for further work.

Property Status

Name of Claim	Number of Units or Area	Record No.	Expiry Year
Bertha Fr.	6.47 Ha	961	1987
Blue Bell	20.90 Ha	962	1987
Whistler	18.30 Ha	1010	1987
Rohlne Fr.	6.92 Ha	2159	1987
Molka	18.29 Ha	2160	1987
Lakeview	12	2369	1987
Kruger Mountain	12	2240	1986
Goodhill	9	2241	1986
Dividend #2	15	1335	1986

Location and Access

The Krueger Mountain Project resulted in work being performed on four separate claims. These included the Dividend-Lakeview, Gold Hill and Kruger Mountain claims. They cover an area of approximately 8.5 km^2 centering on Latitude 40° 0.5'N and Longitude 119°29.5'W.

Access to the property can be achieved by either of two roads. The first is by gravel road, which exits just south of the Osoyoos golf course and allows easy access to the Dividend and Lakeview claims. Access to the second road is gained by travelling approximately five km's northwest of Osoyoos along Highway 3 and taking the Kilpoola Lake turnoff. This road allows easy access to the Kruger Mountain and Gold Hill claims.

During the late spring and summer months, access to most areas of the property can be gained by dozens of secondary roads which are scattered throughout the property.

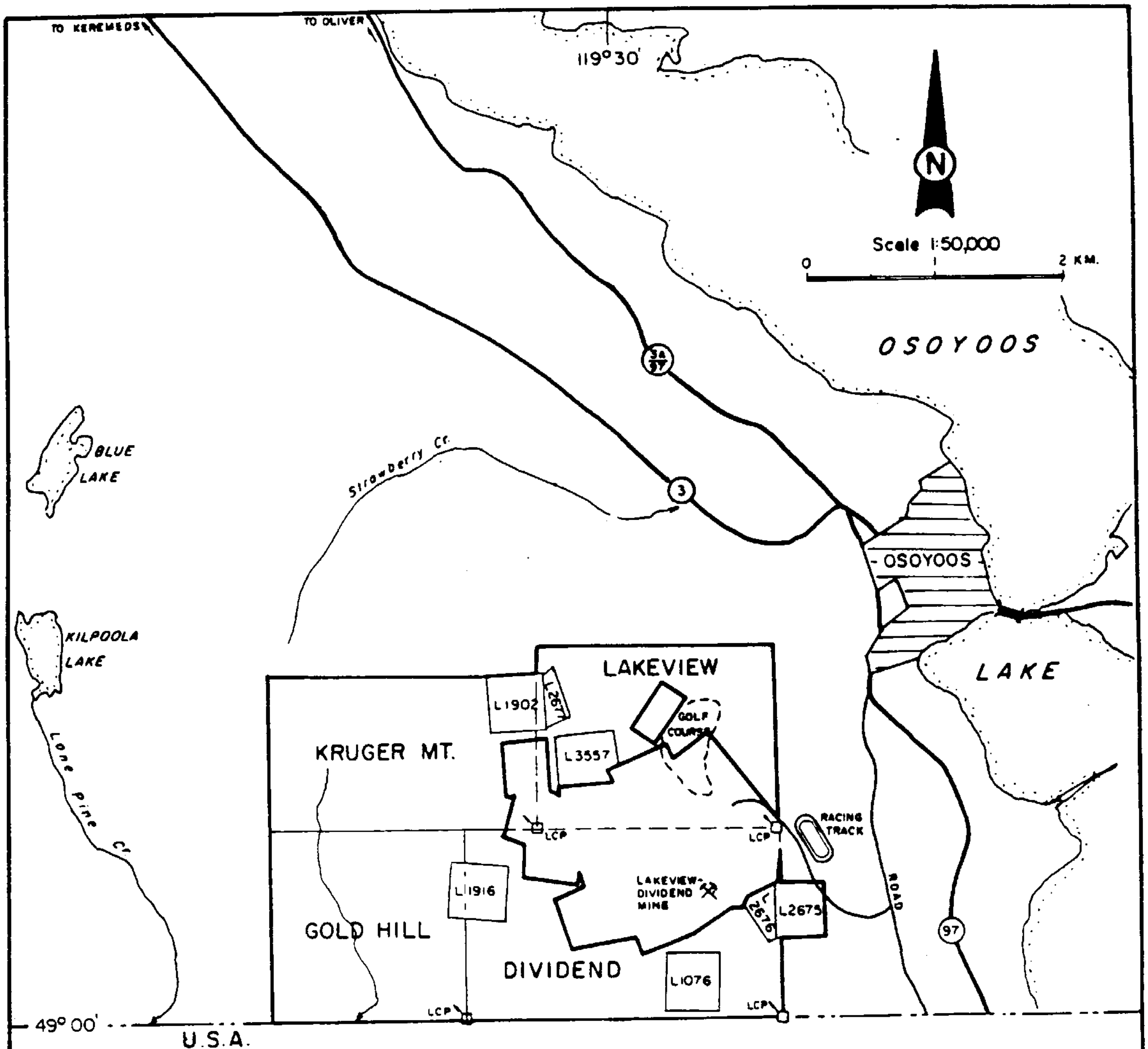
History and Previous Work

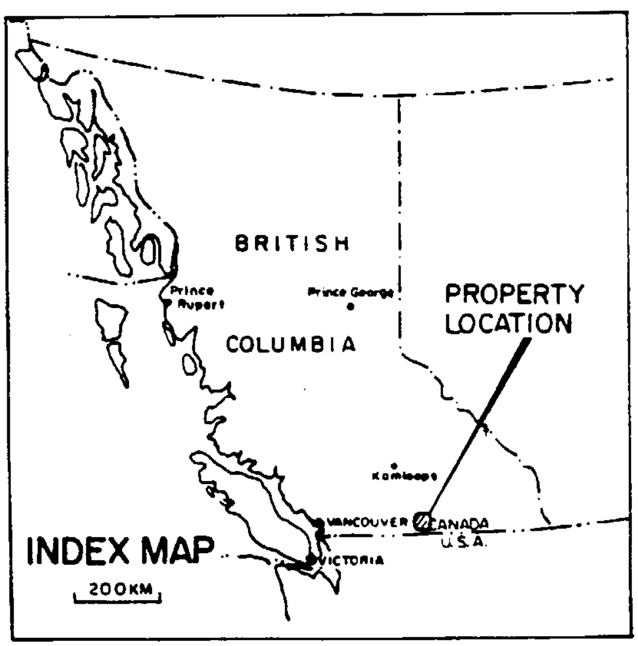
The group of claims, known as Dividend or Lakeview-Dividend Mine within the property is well known since the beginning of the century. The group was optioned from Joseph E. Falkoski in February 1983 by Golden Dividend Resources Corp.

Most of the local history is attributed to the mine area itself.

1. Prospecting on the property began before the turn of the century. As a result, several parts of the property were Crown Granted in the early 1900's.

2. In 1908 Granby Consolidated Mining and Smelting optioned and worked the Dividend Crown Grant. The option was dropped in 1911





To accompany report by F. Di Spirito, B.A. Sc., P. Eng.

KRUGER PROJECT

FOR: MAKUS RESOURCES INC.

BY: SHANGRI-LA MINERAL LIMITED

LOCATION MAP

OSOYOOS M.D., B.C.

N.T.S. 82E-4E,3W	DATE: MARCH 1986
DRAWN BY:	FIGURE Nº. 1

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and the original owners, Dividend-Lakeview Consolidated Gold Mining Co. Ltd., reportedly shipped 1,057 tons averaging 0.44 oz./ton gold between 1912 and 1914.

3. During the late 1930's and early 30's the mine was leased out. In 1933 Osoyoos Mines was formed to operate the property and the Dividend deposit was then mined from 1936 until the mine closed in 1940. During this time the mill is reported to have run through 99,316 tons averaging 0.19 oz./ton gold.

4. A number of operators have examined or worked portions of the properties during the priod from 1940 to 1970. The most significant exploration on the property included work by Sheep Creek Mines Ltd. (1963) magnetometer and SP surveys, diamond drilling; Torbrit Silver Mines Limited (1966) geophysics; Pine Pacific Mine Ltd. (1967) magnetometer survey, trenching and diamnd drilling; Multiple Mining Ltd. (1970) geochemical and IP surveys. (IP grid covered a portion of the Kruger Project.) Details of some of this work are documented in B.C. Ministry of Mines Assessment Reports 658, 808, and 2922.

5. There is no record of work on the property during the period 1971 to May 1933.

6. In 1981 Golden Dividend Resources Ltd. performed geological mapping with emphasis given to defining the major rock untis and alteration assemblages. The majority of the old pits and trenches were mapped and sampled.

7. No detailled geological mapping nor other development work on the Kruger Project claims is known to the authors, with the exception of the numerous trenches, open cuts and adits located during the present program (which are suspected to be at least 40 years old).

PART B SURVEY SPECIFICATIONS

a) Grids

The survey grid was controlled by three north-south control lines and one north-south baseline. The legal corner post for the Lakeview claim ws used as a benchmark. The baseline sas established as the 000 west line with controls at 1000 west, 2500 west and 4000 west. Compass clinometers and hip chains were used.

A total of 85 kms of grid was chained and flagged at 25 m intervals and marked with Tyvex plastic tags to preserve the grid for future use.

b) VLF-EM Survey Method

The survey was conducted using a Sabre Electronics Model 27, V.L.F Eletromagnetometer. This instrument acts as a receiver only. It utilizes the primary eletromagnetic fields generated by the United States Navy V.L.F. marine communication stations. These stations operate at frequencies between 15 and 25 KHZ and have a vertical antenna-current resulting in a horizontal primary field. The V.L.F.-E.M. measures the dip angle of the resultant field caused by the primary field and the secondary field induced in a conductor.

For maximum coupling, a transmitter station located in the same direction as the geological strike was selected since the direction of propogation of the horizontal electromagnetic field is perpendicular to the direction of the transmitting station. In this case, the transmitter at Seattle, Washington was utilized.

Readings were taken at 25 metre intervals and the data was subsequently filtered as described by D.C. Fraser, Geophysics Vol. 34, No. 6 (December, 1969). The advantage of this method is that it removes the dc and attenuates long spatial wave lengths to increase resolution of local anomalies. It also phase shifts the dip angle by 90° so that the cross-overs and inflections will be transformed into peaks that yield contourable quantities.

To aid interpretation, only positive filtered dip angles were drafted. Positive values represent conductive zones.

c) **Crone Model Shootback Electromagnetic Method**

The Crone EM system when used in the shootback mode measures dip angle (of the axis of polarization) of the electromagnetic field at the receiver coil. A primary EM field is set up by the transmitter coil. If a conductor is present between the transmitter and receiver coils, a secondary field is generated. The receiver coil senses the resultant of the superposition of the primary and secondary fields. The receiver and transmitter functions of the coils are switched at each station in order to minimize effects from topography. The two dip angles are then added together and equal zero if no conductors are present. The frequencies utilized to perform the present survey were 5010 Hertz and 1830 Hertz.

d) **Magnetometer Survey Method**

The survey was conducted using a Scintrex MP-2 proton precession magnetometer. This instrument measures the magnitude of the total magnetic field of the earth to an accuracy of 1 gamma. Corrections for diurunal variation were made by tying into previously established stations at intervals not exceeding one hour. Readings were taken at 25 metre intervals along the traverse lines and at 12.5 metre intervals in target areas. Diurunal variations varied between 0 and 56 gammas with most changes occuring over short periods of time.

e) **Geochemical (Rock and Soil) Survey Methods**

A total of approximately 620 soil and 117 rock samples were collected. Rock chip, grab float, and channel samples were taken on areas where signs of mineralizaton, alteration and leaching were observed. Rock and thin section descriptions are found in the geology section and Appendix "D".

Soil samples were taken from the "B" hroizon using a cast iron mattock. Samples of no less than 200 grams were placed in kraft paper gusset bags and shipped to Acme Analytical Laboratories Ltd. for analysis. A total of 202 samples were selected and analyzed using an Inducton Coupled Plasma Spectrometer and Atomic Absorption for gold.

f) **Trenching**

Minor hand trenching without blasting was done to determine the source of a skarn float at Line 600N/1100W.

PART C GEOLOGY

Regional Geology

The local geologic units and structures on the property are a part of the Okanagan Composite Batholith of the Cascade Mountain system in the area of Kruger Mountain. The most easterly component of the Composite Batholith occupies both slopes of the Osoyoos Lake Valley. It is a mass of medium to coarse-grained granodiorite of Jurassic to Cretaceous age known as the Osoyoos Batholith. The granodiorite generally possesses a granular texture; however, in many areas a distinct gneissic texture is well exposed. Situated directly east of the Osoyoos Batholith is a highly altered Paleozoic unit known as the Anarchist Group. The dominant lithologies of the Anarchist Group include intensely folded, sheared and metamorphosed quartzites, greenstones, phyllites and chlorite and mica schists with intercalations of diabasic rocks and sporadic occurrences of semi-crystalline limestone lenses. West of the Osoyoos Granodiorite lies a series of nighly sheared schists, greenstones and quartzites known collectively as the Kruger Schists (Daly, 1912) which appear to have undergone varying degrees of metamorphism as a result of folding, shearing and baking associated with the intrusion of the Osoyoos Batholith. Several thin section samples examined have shown virtually complete alteration to secondary minerals, and as a result little can be said of the rock's original composition. The Kruger Schists are very similar to the Anarchist series and a direct correlation of the two terraines can be made with a high degree of certainty. The main difference between the two is a lower proportion of phyllite, higher degree of metamorphism and general lack of limestone in the Kruger Mountain unit. Lying directly west of the Kruger Schists is an intrusive body of malignite and nepheline syenite which forms the slopes of the Similkameen River Valley. This unit, known as the Kruger Alkaline Body, is the only documented occurrence of syenites along the forty-ninth parallel.

Introduction to Local Geology

Four general types of rock units were identified in the mapped region of the property. These included greenstones, phyllites, quartzites and granodiorite. The most commonly encounterd unit, the greenstone, also includes a highly schistose member which contains abundant chlorite and biotite. The greenstone itself was formed by regional metamorphic processes associated with the intrusion of the Osoyoos Batholith. The original rock was likely a basalt or andesite. The phyllites are generally very siliceous, very steeply dipping, or vertical and trending to the southeast. The quartzite is a massive microcrystalline unit which seems to be secondary. The granodiorite, of the Osoyoos Batholith, varies gradationally from an unaltered granitic texture to a severely altered schistose texture.

Local Geology - Unit Description

Greenstone

The greenstones which cover a large portion of the property are generally dark green to almost black, fine to medium-grained rocks that posess massive to schistose textures. The mineralogy of the unit consists predominately of hornblende chlorite, chloritoid (?), feldspar and minor pyroxene. These rocks are the altered equivalents of basic to semi-basic diorites and gabbros. Fine-grained chlorite schists, also known as greenschists, possess no preserved crystalline texture. This, along with the observation that no obvious contact exists between the schists and the greenstone, suggests that the area has been exposed to low grade metamorphism. A serpentine-rich variety of gabbro forms small bodies in the southeastern part of the Dividend claim.

Other greenstone schists in the area owe their origin to the low grade metamorphism of andesitic flows ? and pelitic rocks. An attempt was made to differentiate these lithologies from the intrusive members in the southwestern portion of the Dividend Claim. The contact between these two units, trends in a northwesterly direction, with the rocks to the west generally being darker and finer grained. The darker colour results from an abundance of chlorite, actinolite, epidote, biotite and iron oxides. Rock fragments were also identified in a few specimens from this area. Small, discontinuous lenticular bodies of pyroclastic tuffs striking northwesterly were also mapped. In the areas of intense shearing many of the contacts are not clear.

Phyllite

Phyllites, having chlorite, muscovite and quartz as essential constituents, are most abundant in the southern portion of the Gold Hill claim. These rocks, which are medium to dark grey and possess a chracteristic sheen, have variable grain sizes. Phyllite is used as a collective term to include the quartzose slates, phyllites and schists of the region. A large proportion of these rocks are spatially associated with quartzites, and in many areas no clear contact exists between the two because of strong silicification (up to 80% silica content). A considerable amount of graphite was found in the phyllites as well as the quartzites, on both the southwest portion of the grid, and on the Kruger Mountain claim. Intercalations of phyllites among greenstones are also common.

In thin section, sillimanite is very abundant, indicating the rock has been altered by regional metamorphic effects. In many of the phyllites, quartzite bands are intensely deformed and small recumbent folds are common in both hand specimens and thin sections.

Granodiorite

In the northern portion of the property the granodiorite of the

Osoyoos Batholith is encountered. The rock is generally medium to coarse-grained and possesses a phaneritic texture. Constituents of the granodiorite include hornblende, biotite, orthoclase, plagioclase and quartz. In numerous outcrops the granodiorite has been altered by severe metamorphic effects, probably associated with intense orogenic strains. This is supported by the fact that in thin section many of the crystals are recrystallized, bent or display undulatory extinctions.

Various metamorphic grades of rock that were originally Osoyoos Granodiorite are easily identified in the region. Gneissic and schistose textures are both common. The gneiss usually consists of hornblende and feldspars with minor occurrences of quartz, while the schist appears to be an entirely new rock, formed by recrystallization in areas of intense shearing. In many of these shear zones discontinuous quartz lenses appear showing minor gold occurrences, the highest gold assay being 1250 ppb (Sample 86KKR53).

The contact between the Osoyoos Granodiorite and the greenstone is well exposed in several areas, with the granodiorite being generally much finer-grained and the greenstone much darker in color near the border.

Quartzites

The occurrence of quartzites on Kruger Mountain can be considered an extension of those found in the more easterly situated Anarchist group. It has been suggested that these quartzites are secondary, with metasomatism being the process behind the replacement. This process seems to have also intensely affected the siliceous phyllites of the region, which now are as much as 80% silica. The remainder of the phylllitic rock largely consists of sillimanite, which is characteristic of low grade reigonal and contact metamorphic events (see Thin Section Description LOC 69, LOC 72, LOC 73).

The quartzites are all cryptocrystalline to microcrystalline, and are best described as having an aphanitic texture. Undulous extinction, in the larger quartz grains of many of the thin sections examined indicates the region was exposed to some degree of strain. This probably occurred during the intrusion of the Osoyoos Granodiorite. The quartz grains themselves are generally well formed euhedral crystals. In hand samples the quartzite's color varies from light green to light grey with outcrops generally being massive, with little or no identifiable stucture and displaying irregular fracturing.

It is difficult to completely disassociate the quartzites from the siliceous phyllites of the region. Thick quartzite bands which occur between the mica and sillimanite layers are very distinct even in the hand specimens, and are often very highy deformed. In particular localities small recumbent folds are common (See Sample 86KKR34).

The quartzites are among the oldest units in the Anarchist sequence, and along with the greenstones and phyllites of the area, are considered to be Paleozoic in age.

Structure

The structural trends in the region are very important, for they control much of the mineralization. The greenstone has been highly sheared in many areas due to stresses probably associated with the intrusion of the Osoyoos Batholith and the Laramie Orogeny. The shear zones can be generalized as moderate to steeply dipping to both the northeast and southwest, and striking to the southeast.

In the eastern portion of the Dividend claim, the shear zones contradict this generalization and dip to the southeast at moderate to low angles. Much of the mineralization is contained within discontinuous lenses and veins of massive microcrystalline quartz contained within these shear zones. The

Gold Hill claim consists predominately of very steeply dipping greenschists and very steeply dipping to vertical siliceous phyllites contained within the quartzite. This steeply dipping characteristic is common in many of the phyllites. The granodiorite of the Osoyoos Batholith has been sheared in several localities also. The shear zone strikes at angles between 70 and 100 degrees and dips at angles of 25 to 40 degrees. These attitudes are quite different than those generally found in the greenschists. Structure within the granodiorite is thought to be the result of the Laramie Orogeny.

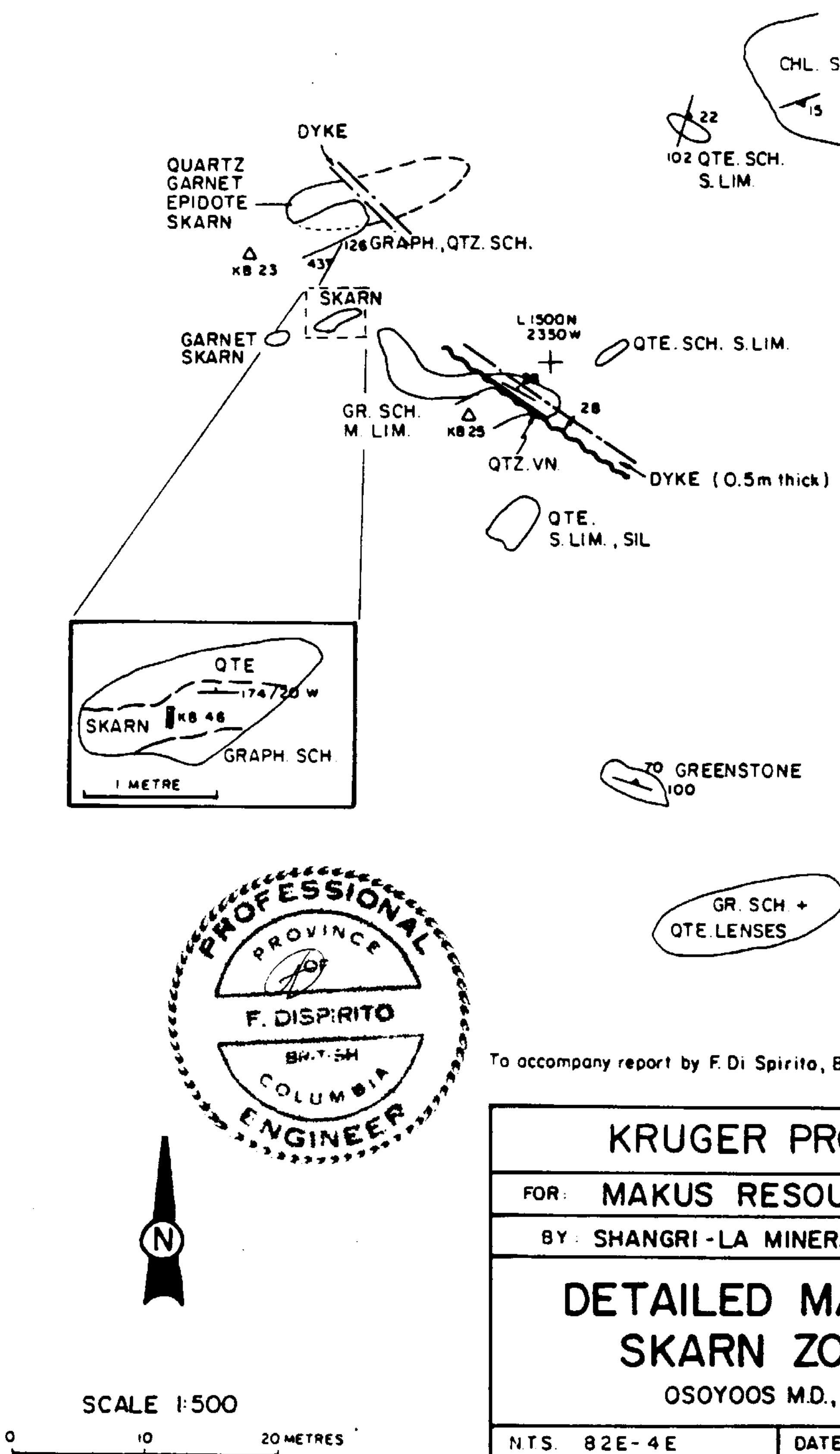
Small very low angle thrust faults have been found locally. In one locality greenstone has been thrust over granodiorite. Along the 2500 metre west baseline at 1000 metres north, an intensely folded anticline-syncline sequence was mapped. The severity of the folding has altered the greenstone to greenschist. Most of this shearing and crushing of the greenstone has been created by disturbances associated with either the Laramie Orogeny or the erlier intrusion of the Osoyoos Batholith.

Alteration and Mineralization

Two types of alteration are common on the property. These include silicification and silication. Sulphide mineralization is closely related to the alteration haloes.

Silicification

A large proportion of the greenstones in the southeastern and central portion of the grid are affected by silicification. Quartz pods, stringers and veins are the most common forms of the alteration, although pervasively silicified, competent greenstone/diorite(?)is also found. The veins consist of milky to greyish, moderately fractured quartz with minor amounts of carbonate. Although the amount of mineralization varies substantially, the type of mineralization is quite consistent. Pyrrhotite,



To accompany report by F. Di Spirito, B.A. Sc., P. Eng.

KRUGER PROJECT	
FOR: MAKUS RESOURCES INC.	
BY: SHANGRI-LA MINERAL LIMITED	
DETAILED MAPPING SKARN ZONE A OSOYOOS M.D., B.C.	
N.T.S. 82E-4E	DATE: MARCH 1986
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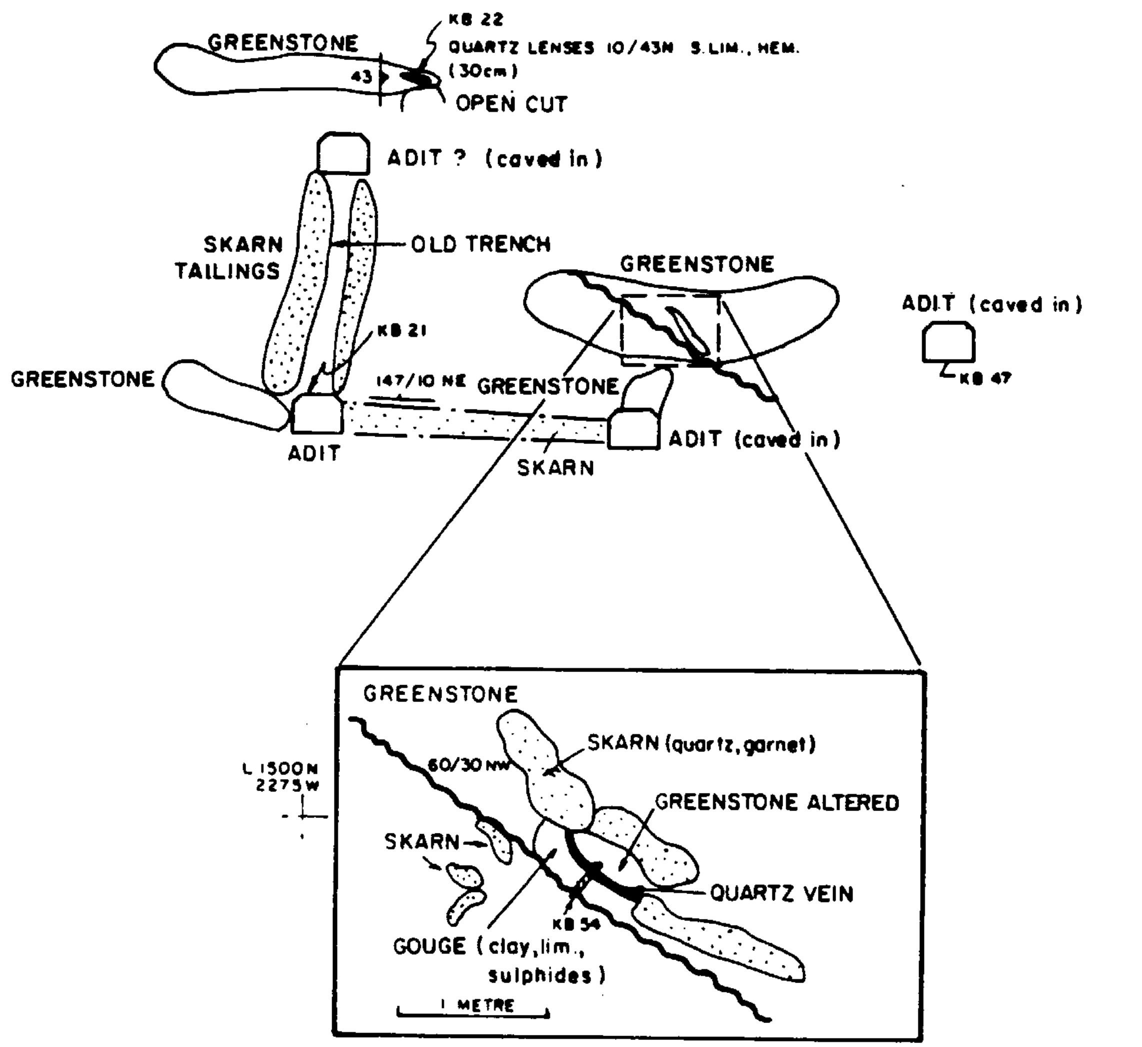

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
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To accompany report by F. Di Spirito, B.A. Sc., P. Eng.

KRUGER PROJECT	
FOR: MAKUS RESOURCES INC.	
BY: SHANGRI-LA MINERAL LIMITED	
DETAILED MAPPING SKARN ZONE B OSOYOOS M.D., B.C.	
N.T.S. 82E-4E	DATE: MARCH 1986
DRAWN BY:	FIGURE Nº. 6

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pyrite, chalcopyrite, magnetite and arsenopyrite, are all common, with malachite and limonite staining also being frequently encountered. The mineralization, which usually occurs in irregular patches of quartz, is often pitted due to retrograde leaching of sulphides. There seems to be no continuity to the mineralizaton in the majority of the veins. The width of the veins range from a few centimeters to 0.7 m. with gold values varying from 8 to 3800 ppb. One vein sample yielded 3200 ppm gold and contained considerable amounts of silver (19 oz/ton) and lead (1.3%). A total of 36 samples were collected from veins on the property. The average gold content was 345 ppb per sample. The best sample assayed, 0.1 oz/ton gold, was taken from a 25 cm thick vein close to the skarn showings.

Silicification has also affected many of the quartzites and quartzose slates near the southwestern edge of the Gold Hill claim, and along the border of the Lakeview and the Kruger Mountain claims. The rocks appear to be recrystallized and are weakly miNEralized with arsenopyrite. On the Gold Hill claim, weakly sheared rocks are cemented by quartz and were also weakly mineralized. This process, however, was not intense enough to produce typical mineralized quartz breccias.

Silication

This type of alteration is unique for it only occurs only in carbonate rocks that occur within contact aureoles adjacent to intermediate and silicic intrusions. This is a characteristic of the Dividend-Lakeview mine site where skarns mineralized with pyrrhotite, chalcopyrite, pyrite, arsenopyrie and magnetite have produced high gold values.

Detailed mapping on the property has not isolated any skarns of significant size. However, two small lenticular bodies were found on the northwestern corner of the Lakeview Claim (See Figures 5 & 6) where three adits followed the 1 to 1.8 m thick bodies for a maximum distance of 20 m. This skarn body strikes northwest and dips shallowly to the southeast. The rock contains approximately 40% silica and 20% calcite with garnet, epidote, diopside(?), tremolite(?), and very small amounts of pyrrhotite. Two representative grab samples produced 90 and 95 ppb of gold. One of the adits, which is inaccessible because of caving, has an abundance of garnet-epidote skarn exposed near its entrance. Mineralization was found in many of the rocks from the dumps of this adit and one sample, strongly mineralized with pyrite (10%) and chalcopyrite, assayed 580 ppb gold (Sample KB23).

Two other occurrences of skarn exist on the property, but their size and attitudes are unknown due to lack of surface exposure. A grab sample from an outcrop of garnet skarn mineralized with pyrrhotite, pyrite, chalcopyrite, assayed 1100 ppb gold, 34.4 ppm silver, and 2.6% Copper (Sample KB49). The sample was taken about 1.5 m from the hanging wall of the northwesterly-striking shear zone. A grab sample of limonitic and friable gouge material, heavily mineralized with pyrrhotite and pyrite, produced 4800 ppb (0.14 oz/ton) gold (Sample KB41). This sample was taken from the eastern portion of the Lakeview claim. A small body of epidote-garnet skarn is believed to occur in the central part of this claim, but was not exposed by trenching. Boulders strongly mineralized with pyrrhotite, magnetite and pyrite do not carry significant values. A total of 6 samples were collected from the skarn showings with gold values ranging from 90 to 1100 ppb. Boulders, strongly mineralized with pyrrhotite, magnetite, and pyrite, did not carry significant gold values. The gold mineralization in veins and skarns is closely associated with the shear zones.

Geochronology and Geologic History

The Kruger Schists, a collective term that includes the greenstones, schists, phyllites and quartzites of the reigon, is a member of the Paleozoic Anarchist group. The greenstones and green schists probably had a basaltic or andesitic composition originally. Much of the intense metamorphism is thought to have occurred during the Late Carboniferous. The intrusion of the Osoyoos Granodiorite followed in Jurassic time. Erosion and subsidense of the area in the Cretaceous produced a thick blanket of sediments, most derived from the weathering of the batholith itself. The Laramie Orogeny produced intense shearing, crushing and folding of all units in the region, resulting in recrystallizaton in most of these lithologies. Regional uplift followed, resulting in the erosion of the Cretaceous sedimentary cover.

PART D DISCUSSION OF GEOCHEMISTRY RESULTS

The soil geochemistry survey has located a few anomalous gold occurrence which can be correlated with anomalous rock values.

There seems to be no obvious correlaton between concentrations of precious metals and arsenic in the soil samples. In general, however, the rocks, as well as the soils, contin anomalous vlues of arsenic (up to 1035 ppm in rock samples and up to 78 ppm in soil samples). Concentration of antimony in soils did not exceed 7 ppm and the maximum silver value was 0.5 ppm.

Since the popularion of 202 soil samples were chosen from six separate and distinct areas, on the basis of the presence of alteration in rocks only limited conclusion can be drawn from geochemical results. Regardless, one anomalous area of gold, copper and arsenic can be isolated in the south central portion of the Dividend Claim (see Figure 2). From 56 samples collected, 10 assayed greater than 25 ppb Au, including one sample with 510 ppb Au. Seven samples were anomalous in As (>15 ppm) and 7 in Ag (.0.4 ppm). The size of the survey area was 600 m x 700 m. Samples from Line 300N and 400N were not assayed, so little can be said bout the continuity of the zone. The evidence of favourable geology i the area exists in the west part of the area where there is sufficient rock exposure (shearing, sulphide mineralizaton in quartz veins and arsenopyrite in quartzite outcrops).

Other Soil Anomalies

Cu Anomalies (>200 ppm)

1. South-central part of Dividend Claim
   Line 600N/1450W-1650W (also Fe >5% at 1650, 1700W)
   Sulphide mineralization in vein float KB11
   Line 100 and 200N/1100-1550W   Also as >15 ppm

2. Minor at L400N/250W - 450W + 300N/450-500W

3. Minor at 400N/150-400W

Fe Anomalies Fe >5%

1. Line 800N/1900W-2200W (coincident with arsenic >15 ppm) + 0.6 ppm Ag at 2200W

2. Line 600N/3759-3850W (maped shearing & also graphite rich schists and enrichment in As around)

3. Line 600N/1650-1700W
Sulphide mineralization in vein float KB11
See Cu anomaliese (1)

Arsenic Anomalies (>15 ppm)

1. Southeastern corner of Gold Hill claim.

2. Line 200N/1300-1500W with associated Au and Cu anoamlies on Line 200N/1100-1250W.

Al Anomaly >3%

1. Line 600N/3700 -3850W - probably increased clay content associated with shearing

Also Fe >5%

PART E DISCUSSION OF GEOPHYSICAL RESULTS

Geophysical Results

VLF-Electromagnetic Survey

Several VLF-EM conductors have been outlined by the present survy. The depth to the top of the sources of all the conductors appear to be within 50 meters of surface. The axes of hte conductors are shown on a compilation map (Figure 2). The VLF-EM condutors have been designated by letters A to M inclusive.

Conductor	Comments
- A -	About 200 m in length, relatively strong conductor.
- B -	At least 500 m in length, open to the north. Strikes in the ame general direction as shears located at surface. May converge into conductor C. Correlates to a magnetic high on Line 1400N. Relatively weak conductor, but continuous.
- C -	About 800 m in length. Appears as a relatively strong conductor to the northeast and becomes weaker to the southwest.
- D -	About 250 m in length. Becomes weaker to south. Correlates with arsenic soilanomaly on Lines 900N and 800N.
- E -	About 400 m in length, open to the south. Becomes weaker to the south. Correlates to a silver and

an arsenic soil anomaly on Line 500N. Also, correponds to a magnetic low on Line 400N.

- F - At least 50 m in length and open to the south. Relatively strong conductor.

- G - At least 300 m in length and open to south. Relatively strong conductor. Parallels a geologic contact. Correlates to the general area of anomalous gold, silver, arsenic and copper in soils (Lines 100N and 200N).

- H & I - Subparallel conductors located between Line 300N and 100N, and open to the south. Correlate to gold and copper soil anomalies on Lines 100N and 200N. Relatively weak conductors.

- J - At least 100 m in length, and open to the southwest. Correlates to a silver and copper anomaly on Line 400N.

- K & L - Parallel conductors, relatively strong. Lie within an area of magnetic highs. About 200 m long and open to the north.

- M - Relatively strong conductive zone. Mainly located off the property of interest.

Conductors B & C are of prime interest as they are located in the vicinity of an intersting skarn and are the most continuous of the defined VLF-EM conductors.

Magnetometer Survey

The Kruger project area is characterized by generally low magnetic relief. A number of one and two station magnetic highs are outlined on Figure 2.

An area of greater than 500 gammas above the base value of 57,000 gammas is centered at about line 900N, Station 2500W. This area correlates to several arsenic soil anomalies.

It can also be seen on Figure 2 an area of relatively high magnetic relief exists centered at about line 900N, Station 00W. This area is about 500 meters in an east-west direction and 300 meters north-south. The highs are characterized by values between 500 and 2000 gamas above the base value of 57,000 gammas.

The cause of the high magnetic anomalies is an increase of magnetic minerals which are constituents in the general rock type. These minerals may be pyrrhotite or magnetic which are typical skarn minerals present in the nearby Dividend Gold Mine.

Shootback-Electromagnetic Survey

Lines 1000N, 800N and 650N were surveyed between baseline 00 and Station 3+25E using a Crone shootback EM system. The survey was eventually conducted for orientation purposes. The data appears to be quite 'noisy' and no conductive zones can be interpreted.

CONCLUSIONS AND RECOMMENDATIONS

Five main areas of interest exist on the property in order of importance:

I. Line 100 - 600N / 1000 to 1600W

Features: (1) 8 anomalous values of As (>15 ppm)
11 anomalous values of Au (>25 ppm)
5 anomalous values of Ag (>0.4 ppm)
10 anomalous values of Cu (>200 ppm)

(2) Three VLF conductors

(3) Favourable geology and alteration:

- shearing
- qtz. veining (430 ppm Au, 1% Cu, 7.6 ppm Ag, float
- skarn (160 ppb Au) float
- secondary silica + arsenopyrite in quartzite outcrop

II. Gold Hill L-1916 Reverted Crown Grant

Features: (1) 17 anomalous values of As
(2) corresponding magnetic high
(3) two VLF conductors
(4) frequent gossanous areas
(5) abundant quartz veins

III. Skarn showings L 1500N/2250 - 2375 W

Features: (1) location along large VLF conductor
(2) good values in rocks (3800 ppm Au, 23.2 ppm Ag)
(3) strong sulphide mineralization in some of the old skarn dumps

IV. Southeastern corner of Gold Hill Claim

Features (1) high rock geochemistry (3200 ppb Au, 19 oz/t Ag, 1.3% Pb) in float
(2) 8 anomalous As values in soils out of 33
3 anomalous Ag values in soils
2 anomalous Au values in soils

V. Molka Crown Grants on the eastern edge of the Dividend claim

Featurs (1) strong magnetic highs
(2) two VLF conductors
(3) shearing and veining with sulphide mineralization
(4) heavily limonitic overburden in few places and strong sulphide mineralization in float around old trenches

(5) Reported (Gregorski and Lane, July, 1966)
Induced Polarization anomaly

In order to evaluate the above targets, an exploration program is recommended. The program should include detailed soil sampling at 25 metre intervals, 50 metre line spacing as well as detailed geologic mapping, over selected areas. Additional geophysics over target areas should be performed to better define extent and nature of anomalies. Favourable targets should be then trenched in order to uncover the sources of near-surface anomalies. A number of short drill holes will facilitate evaluating the geology as well as testing geochemical and geophysical anomalies.

Estimated Cost of Proposed Exploration Program

Diamond Drill Tests, allow	$ 55,000
Detailed soilsampling and analyses - say 400 samples @ $20/sample	8,000
Geochemical Analyses on selected previously collected soilsamples - say 400 samples @ $12.50/sample	5,000
Geological Survey and Support, allow	8,000
Induced Polarization and Resistivity Survey, allow	12,000
Trenching, bulldozing, allow	10,000
Assays, allow	10,000
Engineering, supervision, report, allow	7,500
Contingencies, say	6,000
Total:	$ 125,500

Contingent upon favourable results from the proposed exploration program, additional exploration work and diamond drilling will be necessary in order to define the geometry and grade characteristics of the mineraliation. A sum of $ 200,000 should be allotted for this next phase of exploration.

Respectfully submitted at Vancouver, B.C.

Frank Di Spirito, B.A.Sc., P.Eng.
2 April 1986

REFERENCES

B.C. Minister of Mines. (1932)	Annual Report, pp. A134-135
Campbell, D.D. (May 1963)	Report for C.M. & S.
Cockfield, W.E. (1935)	GSC Memoir 179, pp. 20-26
Daly, Reginald (1906)	Bulletin of the GSA, Vol. 17, pp 343-347.
Gibson, G., and J. Richardson (July 1964)	C.M. & S. Report
Gilbert, G. (1941)	C.M. & S. Report
Hainsworth, W.G. (February 1983)	Report on the Dividend-Osoyoos Claims Golden Dividend Resources Corporation Prospectus.

APPENDIX 'A'

COST BREAKDOWN OF PHASE I PROGRAM

APPENDIX 'A'

COST BREAKDOWN OF PHASE I PROGRAM

VLF-EM SURVEYS, 85 km @ $120.00/km	$ 10,200.00
C.E.M. (orientation)	300.00
MAGNETOMETER SURVEY, 85 KM @ $120.00/km	10,200.00
GRID ESTABLISHMENT	
- baselines 12.5 km @ $350.00/km	4,375.00
- grid lines, 85 km @ $100.00/km	8,500.00
GEOLOGICAL MAPPING, RESEARCH, PETROGRAPHIC STUDIES	
- Chris Baldys, B.Sc., 48 days @ $225/day	10,800.00
- Darcy Krohman, B.Sc., 48 days @ $175/day	8,400.00
THIN SECTION PREPARATIONS AND DESCRIPTIONS - 26 $35 each	910.00
DRAFTING, REPORT PREPARATION, COPYING	3,050.00
ENGINEERING AND INTERPRETATION	4,000.00
GEOCHEMICAL ANALYSES, 202 soils @ 10.75	2,171.50
116 rocks @ 14.75	1,711.00
SOIL SAMPLING, 620 SAMPLES @ $7.00 each	4,340.00
TOTAL:	$ 68,957.50

APPENDIX 'B'

CERTIFICATES

FRANK DI SPIRITO, B.A.Sc., P.Eng.

CHRISTOPHER BALDYS, B.Sc.

DARCY KROHMAN, B.Sc.

CERTIFICATE

I, Frank Di Spirito, of the City of Vancouver in the Province of British Columbia, do hereby certify:

That I am a Consulting Engineer with the firm of Shangri-La Minerals Ltd. of 200-675 West Hastings Street, Vancouver, B.C., V6B 4Z1.

I further certify that:

I) I am a graduate of the University of British Columbia (1974) and hold a Bachelor of Applied Science in Geological Engineering.

II) I am a registered member, in good standing, of the Association of Professional Engineers of British Columbia.

III) Since graduation I have been involved in numerous mineral exploration programs throughout Canada and the United States of America.

IV) This report is based on a personal property examination conducted in November of 1985 and February of 1986, and on an evaluation of privately and publicly held data pertaining to the said properties.

V) Neither I nor Shangri-La Minerals Ltd. hold any direct or indirect interest in the property described herein, or in Makus Resources Inc. or any associated companies, nor do we expect to receive any.

VI) This report may be utilized by Makus Resources Inc. for inclusin in a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C.

PROFESSIONAL PROVINCE OF F. DISPIRITO BRITISH COLUMBIA ENGINEER

Frank Di Spirito, B.A.Sc., P.Eng.
1 April 1986

CERTIFICATE

I, Christopher Baldys, do hereby certify:

1. I am a consulting geologist with the firm of Shangri-La Minerals Limited at 200-675 West Hastings Street, Vancouver, B.C. V6B 4Z1.

2. I graduated in 1980 from the University of Mining and Metallurgy, Cracow, Poland with an Honours B.Sc. in Geology.

3. I have been involved in mining geology from 1980 to 1983 and in mineral exploration in the Canadian Cordillera since 1983.

4. This report is based on field work carried out by this author and a Shangri-La Minerals Limited crew form February 15 to March 15, 1986.

5. I have no direct interest in the property or in any securities of Makus Resources Inc., or in any associated companies, nor do I expect to receive any.

6. This report may be utilized by Makus Resources Inc. for inclusion in a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C.

Christopher Baldys, B.Sc.
2 April 1986.

CERTIFICATE

I, Darcy Krohman, do hereby certify:

1. I am a consulting geologist with the firm of Shangri-La Minerals Limited at 200-675 West Hastings Street, Vancouver, B.C. V6B 4Z1.

2. I graduated in 1985 from the University of British Columbia with a Bachelor of Science Deree in Geology.

3. I have been involved in mineral exploration in the Canadian Cordillera since 1983.

4. This report is based on field work carried out by this author and a Shangri-La Minerals Limited crew form February 15 to March 15, 1986.

5. I have no direct interest in the property or in any securities of Makus Resources Inc., or in any associated companies, nor do I expect to receive any.

6. This report may be utilized by Makus Resources Inc. for inclusion in a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C.

Darcy Krohman

Darcy Krohman, B.Sc.
2 April 1986.

APPENDIX 'C'

ANALYTICAL RESULTS

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.
PS-10 s. ls -30 mesh

DATE RECEIVED: MARCH 21 1986 DATE REPORT MAILED: Mar 26/86 ASSAYER. [signature] ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

SHANGRI-LA MINERALS PROJECT - MAKUS FILE # 86-0349 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
86-KB-01	169	18219	16	27	18.2	40	1	507	8.40	41	6	ND	1	13	1	24	35	26	.16	.08	7	9	.89	60	.01	6	1.07	.01	.08	1	350
86-KB-02	44	9668	6	18	10.4	11	1	264	3.10	21	5	ND	1	14	1	13	9	5	.24	.06	3	3	.08	105	.01	5	.35	.01	.20	127✓	130
86-KB-03	85	7952	2	15	15.6	7	1	212	3.94	23	5	ND	1	9	1	10	80	8	.25	.02	3	3	.23	10	.01	3	.32	.01	.02	4	340
86-KB-04	343	6093	14	30	12.5	10	1	243	2.99	23	5	ND	1	9	2	175	16	4	.09	.04	3	3	.10	8	.01	3	.22	.01	.03	1	140
86-KB-05	153	8751	4	1	4.7	20	1	464	4.60	20	5	ND	1	69	1	6	7	5	2.76	.02	2	4	.11	8	.01	3	.20	.01	.03	1	230
86-KB-06	5	156	5	6	.4	5	5	811	.86	2	5	ND	3	196	1	2	2	8	8.63	.01	2	5	.26	4	.01	2	.15	.01	.01	1	2
86-KB-07	59	4975	2	50	4.1	6	1	319	4.27	2	5	ND	1	30	1	4	2	14	.67	.05	4	2	.38	33	.01	2	.70	.01	.09	1	130
86-KB-08	437	881	2	8	4.6	4	1	93	6.76	16	5	ND	1	14	1	4	2	37	.27	.03	4	4	.20	8	.01	8	.31	.02	.05	112✓	180
86-KB-09	32	1590	2	17	1.4	24	1	508	2.22	2	5	ND	1	93	1	2	2	30	3.94	.04	3	4	.54	11	.01	5	.69	.02	.04	4	36
86-KB-10	2	827	19	20	.1	14	34	859	21.30	34	5	ND	3	15	1	2	28	11	5.22	.02	14	7	.26	15	.01	2	.61	.01	.03	32	160
86-KB-11	149	10214	2	2	7.6	4	1	241	4.43	2	5	ND	1	81	1	6	4	17	.61	.04	4	1	.18	22	.06	6	.57	.01	.05	1	430
86-KB-12	10	225	2	21	.1	1	8	330	3.65	2	5	ND	1	80	1	2	2	38	.86	.23	14	1	.35	29	.30	3	.66	.07	.09	3	3
86-KB-13	14	2210	13986✓	131	654.1✓	2	1	111	.82	2	5	6	11	22	39	1441✓	8	2	.22	.01	2	3	.03	88	.01	4	.09	.01	.01	1	3200
86-KB-14	5	62	106	7	5.0	8	3	109	2.10	41	5	ND	1	19	1	10	2	17	.18	.04	7	9	.08	89	.09	6	.21	.02	.06	1	19
86-KB-15	2	134	165	16	6.7	9	6	167	4.73	2	5	ND	2	5	1	13	2	44	.01	.05	16	24	.20	16	.01	4	.52	.01	.05	1	120
86-KB-16	3	53	23	14	.8	11	5	240	1.73	2	5	ND	1	9	1	2	2	13	.08	.03	9	9	.24	19	.01	3	.33	.02	.05	1	4
86-KB-17	1	56	22	66	.7	5	7	556	5.79	2	5	ND	1	30	1	3	2	69	.51	.14	11	13	1.44	37	.36	6	1.74	.03	.11	1	11
86-KB-18	2	28	5	3	.2	6	2	65	1.62	3	5	ND	1	4	1	2	2	2	.01	.01	2	3	.03	11	.01	4	.06	.01	.02	1	5
86-KB-19	2	16	7	21	.3	12	5	900	2.17	2	5	ND	3	239	1	2	2	4	8.45	.03	4	13	2.18	15	.01	2	.18	.04	.06	1	2
86-KB-20	4	25	3	18	.3	5	2	353	1.28	2	5	ND	1	7	1	2	2	19	.09	.03	2	12	.27	4	.01	4	.35	.01	.01	1	7
86-KB-21	2	16	24	51	.6	10	3	511	1.56	11	5	ND	5	80	1	2	2	2	2.34	.03	8	3	.27	46	.01	5	.15	.06	.04	1	25
86-KB-22	5	126	52	149	.6	33	7	258	1.51	16	5	ND	1	11	1	2	2	6	.17	.04	6	6	.18	77	.01	3	.31	.01	.07	1	4
86-KB-23	4	582	39	126	2.0	56	30	4094	11.73	1035	5	ND	3	351	1	4	5	10	7.08	.05	8	3	1.44	38	.01	2	.24	.01	.04	1	820
86-KB-24	6	93	11	23	.2	36	11	462	3.34	11	5	ND	1	50	1	2	2	51	.64	.06	7	14	.37	11	.01	2	.41	.01	.03	1	8
86-KB-25	20	4947	11	103	23.2	45	1	347	1.89	50	5	3	1	47	1	6	4	3	1.17	.06	3	5	.23	87	.01	3	.26	.01	.01	1	3800
86-KB-27	7	292	72	79	3.1	6	8	119	1.03	20	5	ND	1	9	1	2	2	3	.09	.01	2	6	.03	119	.01	3	.03	.01	.06	1	110
86-KB-28	3	72	9	39	.5	19	6	400	1.62	2	5	ND	3	5	1	2	2	16	.05	.02	6	21	.36	61	.08	4	.59	.02	.26	1	6
86-KB-29	12	111	24	128	.1	41	10	363	2.53	2	6	ND	1	21	1	2	2	150	.18	.09	18	57	.57	37	.06	2	.80	.01	.18	1	3'
86-KB-30	9	120	9	93	.1	22	8	451	1.37	2	5	ND	1	44	2	2	2	110	2.14	.02	6	20	.24	16	.02	7	.31	.01	.05	1	4
86-KB-31	4	42	8	8	.4	8	4	111	1.05	2	5	ND	1	5	1	2	2	12	.07	.02	2	7	.06	10	.01	3	.10	.01	.02	1	28
86-KB-32	5	94	2	10	.1	7	5	188	1.09	2	5	ND	2	5	1	2	2	9	.13	.01	2	12	.08	4	.04	2	.13	.01	.02	1	120
86-KB-33	7	19	11	2	.1	3	2	76	.85	2	5	ND	1	2	1	2	2	3	.01	.01	2	5	.01	12	.02	2	.05	.01	.03	1	1
86-KB-34	3	11	8	245	.3	3	1	55	.82	21	5	ND	1	11	2	2	2	2	.02	.02	3	4	.01	72	.01	2	.06	.01	.05	1	4
86-KB-35	9	56	2997	175	2.6	1	2	62	.82	2	5	ND	3	9	2	2	3	2	.01	.01	2	4	.01	265	.01	2	.01	.01	.03	1	120
86-KB-36	2	30	101	185	6.3	1	1	57	.63	19	5	ND	1	5	1	2	2	1	.01	.01	2	5	.01	17	.01	3	.01	.01	.02	1	150
86-KB-37	8	990	574	3951	3.2	11	1	54	1.22	2	5	ND	1	3	42	2	2	1	.01	.01	2	3	.01	36	.01	4	.01	.01	.01	1	70
STD C/AU-0.5	22	57	43	140	7.0	74	28	1223	3.96	38	19	8	33	49	18	18	21	60	.43	.11	38	60	.89	181	.08	41	1.71	.06	.12	12	510

✓ Assay required for correct result —

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
86-KB-38	3	23	2	6	.2	5	2	96	.83	2	5	ND	1	5	1	2	2	6	.02	.01	2	3	.04	4	.01	2	.07	.01	.02	1	1
86-KB-39	2	89	2	94	.3	28	20	736	6.01	2	5	ND	1	64	1	2	2	97	1.32	.13	5	26	1.73	12	.63	3	2.17	.07	.08	1	1
86-KB-40	5	227	2	68	.1	50	23	1758	4.26	2	6	ND	1	68	1	2	2	96	2.69	.06	4	142	1.60	93	.12	3	1.86	.02	.08	1	100
86-KB-41	21	6029	6	110	12.7	52	21	5268	19.67	15	8	ND	5	4	2	2	3	105	9.36	.04	4	1	.08	23	.02	2	.66	.01	.02	74	4800
86-KB-42	23	529	2	42	1.1	69	15	702	4.74	8	8	ND	2	27	1	2	2	92	.78	.27	15	22	.49	54	.05	2	.68	.01	.05	2	90
86-KB-43	19	263	2	56	.9	15	14	711	6.72	15	7	ND	3	50	1	2	2	87	.83	.34	19	65	.54	318	.07	5	1.04	.02	.04	2	70
86-KB-44	76	17560✓	2	1	30.6	5	1	110	5.30	2	6	ND	1	4	1	6	3	2	.03	.03	2	2	.04	15	.01	8	.10	.01	.03	1	710
86-KB-45	8	263	2	5	.9	6	9	73	1.56	10	5	ND	1	6	1	2	2	5	.02	.01	3	8	.02	278	.01	4	.07	.01	.02	1	6
86-KB-46	5	274	6	24	.9	33	13	416	1.83	13	5	ND	1	44	1	4	2	9	.55	.12	10	8	.24	124	.01	2	.47	.01	.06	1	90
86-KB-47	303	27	84	5	2.1	5	1	178	.59	5	5	ND	9	17	1	2	3	1	.56	.03	10	2	.04	75	.01	2	.23	.05	.11	1	95
86-KB-48	7	29	2	5	.6	6	2	72	1.96	7	5	ND	1	14	1	2	2	5	.02	.03	4	5	.03	475	.01	2	.07	.01	.07	1	7
86-KB-49	52	26216✓	37	275	34.4	158	1	3794	20.54	2	11	ND	2	2	8	5	7	65	3.71	.10	3	7	.07	15	.03	2	.41	.01	.02	1195✓	1100
86-KB-50	2	178	2	57	.3	43	28	1452	7.27	2	5	ND	4	271	1	2	2	187	8.91	.01	4	101	4.40	41	.01	6	1.30	.01	.04	7	6
86-KB-51	15	3010	3	58	7.0	13	1	1067	7.08	4	7	ND	1	117	1	3	3	47	2.06	.08	4	13	1.64	144	.01	5	1.54	.01	.12	361✓	580
86-KB-52	3	369	13	17	.7	5	27	1590	12.00	20	5	ND	6	358	1	2	4	60	13.37	.01	4	14	.92	14	.06	2	1.12	.01	.01	13	28
86-KB-53	7	93	7	7	.2	1	4	98	1.73	2	5	ND	1	22	1	2	2	15	.16	.02	2	3	.16	23	.04	3	.25	.02	.03	6	4
86-KB-54	6	60	13	75	.2	28	5	255	2.10	17	5	ND	2	27	1	2	2	16	.25	.06	10	10	.19	166	.01	3	.45	.01	.09	1	2
86-KB-55	26	782	300	757	3.7	127	55	2021	6.04	34	7	ND	6	249	11	2	2	9	5.71	.13	4	18	1.05	83	.01	2	.44	.04	.07	1	980
86-KB-56	2	33	13	16	.3	7	3	156	1.85	2	5	ND	1	13	1	2	2	19	.09	.05	15	5	.23	19	.01	3	.34	.02	.04	1	3
86-KB-57	3	22	19	11	1.0	3	2	65	.85	4	5	ND	1	10	1	2	2	7	.05	.01	3	11	.05	408	.01	2	.15	.02	.09	1	5
86-KB-58	3	66	10	145	.4	55	15	616	6.91	2	5	ND	5	33	1	2	2	120	.26	.22	48	243	4.29	127	.06	5	3.18	.02	.05	1	1
86-KB-59	14	27	12	13	.7	6	3	169	3.25	2	5	ND	1	25	1	2	2	73	.09	.07	3	8	.08	31	.04	2	.12	.01	.03	2	3
86-KB-60	17	49	11	15	.6	6	4	279	4.78	14	5	ND	1	14	1	2	2	94	.05	.07	8	12	.10	44	.07	2	.26	.01	.07	1	6
86-KB-61	58	273	10	46	.5	39	13	320	6.96	11	8	ND	2	161	1	2	2	82	1.06	.26	9	11	.08	54	.01	2	.19	.13	.25	2	2
STD C/AU-0.5	22	56	37	132	7.0	68	28	1154	3.83	36	15	8	33	47	17	18	20	59	.47	.10	35	56	.85	175	.08	37	1.72	.06	.11	15	500
86-KB-62	3	16	3	50	.1	9	2	88	.60	3	5	ND	1	4	1	2	2	2	.02	.01	2	7	.02	11	.01	2	.02	.01	.01	1	1

✓ Assay required for correct result

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
86-KKR-01	9	1163	6	25	1.2	9	4	1137	9.51	34	5	ND	5	100	1	2	17	17	19.64	.02	5	14	.38	36	.03	2	.95	.01	.02	74	2700
86-KKR-04	18	3642	2	25	8.2	27	1	444	15.09	22	5	ND	1	36	1	2	27	263	1.13	.02	20	212	.76	36	.31	3	.51	.03	.03	2	250
86-KKR-05	21	7200	9	99	6.3	13	1	570	6.31	2	5	ND	1	32	1	2	9	64	1.60	.07	6	6	1.29	72	.01	2	1.71	.04	.15	1	380
86-KKR-06	2	1750	2	18	1.7	9	1	1432	2.15	2	5	ND	3	245	1	2	2	57	12.37	.04	3	23	.84	20	.08	2	.94	.02	.04	1	12
86-KKR-07	20	1486	29	17	10.8	19	1	252	6.21	20	5	ND	1	58	1	2	13	39	.63	.05	4	31	.58	73	.08	2	.88	.03	.12	34	790
86-KKR-08	12	3767	11	21	5.9	9	1	781	4.93	50	5	ND	1	53	1	15	42	19	3.44	.05	4	2	.38	83	.01	8	.70	.01	.17	1266 ✓	170
86-KKR-09	37	4637	7	29	5.1	9	1	288	3.10	22	5	ND	1	22	1	8	3	23	.44	.07	5	2	.57	85	.01	3	1.01	.03	.29	16	80
86-KKR-10	29	3529	6	30	2.4	4	1	740	3.21	6	5	ND	1	78	1	4	2	53	3.96	.07	3	1	.95	23	.08	2	1.16	.04	.06	4	36
86-KKR-11	1	119	7	75	.3	6	21	1170	5.31	2	5	ND	2	46	1	2	2	68	4.22	.14	7	1	2.06	55	.03	2	2.64	.04	.17	1	1
86-KKR-12	45	6772	3	11	9.1	2	1	1424	2.60	3	5	ND	4	240	1	2	45	19	17.97	.02	2	1	.45	12	.02	2	.64	.01	.04	1	120
86-KKR-13	29	4768	3	10	10.8	5	1	352	2.27	6	5	ND	1	41	1	3	70	4	3.70	.01	2	2	.09	8	.01	2	.15	.01	.03	1	550
86-KKR-15	2	410	2	7	.4	2	12	265	.74	2	5	ND	1	116	1	2	5	26	2.72	.03	2	2	.21	10	.02	2	.31	.01	.02	1	3
86-KKR-16	7	1436	2	16	1.1	7	1	280	1.88	2	5	ND	1	55	1	2	5	49	1.46	.01	2	2	.74	20	.10	3	.95	.05	.07	1	18
86-KKR-18	57	6588	2	6	3.5	9	1	484	2.10	18	5	ND	1	170	1	3	4	12	4.48	.02	3	4	.16	42	.01	2	.20	.01	.01	1	120
86-KKR-19	6	196	2	66	.5	2	9	1013	5.08	2	5	ND	2	39	1	2	2	6	.49	.14	96	1	.67	16	.01	5	1.13	.07	.09	1	1
86-KKR-20	6	486	3	50	.5	64	32	575	3.86	2	5	ND	1	67	1	2	5	68	1.79	.16	5	78	1.66	12	.52	2	1.74	.13	.06	1	4
86-KKR-21	2	43	2	29	.1	29	16	401	2.12	4	5	ND	1	98	1	2	5	47	2.41	.13	5	37	.62	16	.49	2	1.05	.04	.06	1	1
86-KKR-22	2	68	2	21	.1	24	15	314	1.87	5	5	ND	1	84	1	2	2	44	2.03	.11	5	28	.53	16	.54	2	.85	.06	.06	1	1
86-KKR-23	10	140	3	21	.1	6	15	397	1.90	2	5	ND	1	40	1	2	2	28	.67	.05	3	4	.70	63	.08	2	.65	.03	.05	1	2
86-KKR-24	8	14748	2	38	1.7	10	1	634	3.20	2	5	ND	1	89	1	5	2	119	4.15	.03	2	3	1.58	24	.12	3	1.58	.02	.03	1	24
86-KKR-25	2	163	2	75	.3	17	18	765	6.60	2	5	ND	1	82	1	2	9	121	1.38	.25	19	18	1.65	49	.67	10	2.01	.12	.15	1	1
STD C/AU-0.5	22	60	40	136	6.8	69	30	1168	3.88	36	17	8	33	48	18	18	22	61	.46	.11	39	61	.86	171	.08	38	1.71	.06	.10	14	500
86-KKR-26	2	187	2	52	.3	5	8	619	4.38	2	5	ND	4	62	1	2	2	23	.28	.15	56	13	.68	29	.09	3	1.11	.09	.15	1	1
86-KKR-27	1	38	2	86	.4	9	22	729	5.63	2	5	ND	1	92	1	2	4	133	2.64	.24	16	9	1.50	37	.63	5	1.81	.15	.20	1	1
86-KKR-28	2	128	2	60	.2	51	26	678	5.03	2	5	ND	1	56	1	2	5	75	1.10	.13	5	44	1.58	16	.62	6	1.75	.11	.07	1	1
86-KKR-28A	1	46	2	80	.3	54	26	842	5.94	2	5	ND	2	177	1	2	2	139	4.78	.20	13	75	2.66	32	.30	5	2.62	.07	.12	1	1
86-KKR-29	3	32	7	19	.1	14	5	153	1.10	2	5	ND	3	5	1	2	2	16	.08	.02	5	15	.26	20	.05	2	.44	.02	.15	1	1
86-KKR-30	8	15	14	6	.2	3	2	59	1.20	2	5	ND	2	15	1	2	2	16	.13	.08	7	5	.09	20	.02	2	.21	.01	.07	1	1
86-KKR-31	7	48	2	27	.1	18	4	411	.97	2	5	ND	1	139	1	2	2	102	2.50	.01	3	18	.14	8	.01	2	.22	.02	.03	1	1
86-KKR-32	1	33	2	29	.1	17	5	365	1.73	2	5	ND	2	71	1	2	2	13	1.70	.02	7	15	.46	34	.01	2	.55	.01	.06	1	2
86-KKR-34	2	69	7	102	.2	33	22	2491	6.76	18	5	ND	14	15	1	2	2	42	.12	.05	18	32	1.17	96	.17	3	2.55	.01	.81	1	4
86-KKR-35	2	61	2	93	.1	18	23	626	5.33	2	5	ND	1	25	1	2	2	81	1.27	.11	7	28	1.78	72	.27	2	2.36	.08	.31	1	1
86-KKR-35A	1	33	7	28	.1	7	9	533	2.53	2	5	ND	1	46	1	2	2	38	1.60	.06	3	10	.98	78	.07	5	1.36	.07	.06	2	1
86-KKR-37	1	11	2	25	.1	5	2	770	2.46	2	5	ND	1	221	1	2	2	7	5.40	.05	5	2	1.14	4	.01	3	.12	.01	.03	1	1
86-KKR-38	1	42	9	78	.2	7	21	907	5.81	2	5	ND	2	85	1	2	2	121	2.27	.34	20	1	1.79	16	.43	2	2.14	.10	.06	1	1
86-KKR-39	1	24	3	106	.1	10	22	860	7.15	2	5	ND	1	80	1	2	2	156	1.72	.34	17	7	2.40	146	.42	6	2.94	.09	.60	1	2
86-KKR-41	1	42	4	34	.1	44	15	617	2.26	7	5	ND	10	135	1	2	2	30	3.48	.04	16	35	.74	38	.31	5	1.03	.13	.07	1	1

✓ Assay required for correct result

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
86-KKR-42	2	79	2	6	.2	15	9	86	1.97	2	5	ND	11	74	1	2	2	21	.66	.04	20	25	.14	105	.33	6	.83	.12	.20	1	9
86-KKR-43	3	35	11	19	.2	26	7	300	1.99	4	5	ND	2	26	1	2	2	37	1.05	.03	6	25	.40	66	.08	3	.57	.05	.08	1	2
86-KKR-44	2	23	2	6	.1	7	1	89	1.09	21	5	ND	1	17	1	2	2	25	.22	.10	8	8	.17	70	.01	5	.37	.01	.14	1	5
86-KKR-45	38	11582 ✓	2	1	1.8	6	1	596	1.82	3	7	ND	1	77	1	6	1	8	3.15	.03	3	3	.16	58	.01	7	.37	.01	.06	1	29
86-KKR-46	2	177	13	107	.5	51	36	1558	8.95	3	5	ND	5	368	1	2	7	289	12.30	.01	9	153	4.32	11	.05	2	1.87	.01	.01	5	32
86-KKR-46A	2	101	65	111	1.2	12	6	603	1.82	2	5	ND	1	53	2	2	2	10	.81	.02	5	10	.22	58	.01	2	.22	.01	.03	1	100
86-KKR-47	3	35	2	59	.1	56	6	640	1.23	148	6	ND	1	131	1	2	3	98	3.22	.14	9	32	.48	95	.01	5	.65	.01	.13	1	13
86-KKR-48	7	25	4396	15	2.3	4	1	75	.78	2	5	ND	4	14	1	2	2	5	.03	.02	2	6	.01	44	.01	4	.06	.01	.05	1	27
86-KKR-49	3	27	12	17	.2	14	5	770	1.88	2	5	ND	2	7	1	2	2	27	.23	.03	5	12	.38	23	.04	2	.50	.03	.06	1	2
86-KKR-50	2	75	21	16	.5	29	13	1726	7.69	9	5	ND	5	71	1	2	2	81	9.83	.15	11	96	.31	34	.15	2	1.32	.01	.03	4	14
86-KKR-51	19	2923	4	5	1.5	3	1	747	1.11	2	9	ND	2	169	1	2	6	3	5.18	.01	2	3	.17	43	.01	3	.29	.01	.04	1	44
86-KKR-52	24	19	2	26	.3	33	10	1182	3.42	2	5	ND	3	256	1	2	2	8	8.33	.04	5	10	2.04	12	.01	39	.22	.01	.01	1	5
86-KKR-53	122	2579	36	1	14.6	1	1	196	.77	2	5	ND	1	16	1	2	23	1	.73	.01	2	4	.02	16	.01	3	.08	.01	.03	14	1250
86-KKR-54	15	33	4	3	.2	1	2	247	.45	2	5	ND	10	44	1	2	2	1	.98	.01	10	2	.03	35	.01	4	.27	.05	.13	1	6
86-KKR-55	1	106	11	103	.4	8	14	1281	3.59	2	5	ND	4	528	1	2	2	76	4.78	.13	27	8	.89	289	.26	10	1.93	.05	.30	1	1
86-KKR-56	2	59	6	35	.1	34	16	2368	1.70	5	5	ND	3	416	1	2	2	14	5.15	.01	9	12	.41	50	.01	8	.71	.01	.07	1	1
86-KKR-57	1	30	2	80	.2	49	21	898	5.43	2	6	ND	2	168	1	2	10	99	2.58	.16	12	111	2.28	81	.59	10	2.77	.10	.35	1	1
LOC 129	1	25	2	48	.1	6	9	843	2.72	2	8	ND	2	152	1	2	2	23	3.16	.07	8	10	1.05	116	.01	2	1.69	.04	.19	1	2
NO NUMBER	42	10580 ✓	20	29	62.6 ✓	15	1	354	8.43	61	8	ND	1	52	1	7	463	60	1.64	.02	3	29	.88	20	.01	3	.49	.01	.03	1	1300
STD C/AU-0.5	21	58	40	134	7.3	69	28	1172	3.96	36	16	8	32	47	18	17	20	58	.48	.10	38	57	.87	179	.07	36	1.74	.06	.10	13	505

✓ Assay required for correct result

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
1000N 150W	1	29	6	60	.1	22	8	470	2.22	3	5	ND	4	73	1	2	3	38	.60	.09	17	23	.52	100	.09	8	1.19	.03	.18	1	2
1000N 100W	1	34	2	55	.1	20	8	461	2.20	2	5	ND	4	55	1	2	2	38	.48	.09	16	26	.53	107	.10	4	1.33	.03	.17	1	1
1000N 50W	2	34	7	57	.1	22	9	425	2.15	2	6	ND	4	101	1	2	2	38	1.80	.09	16	24	.74	84	.09	7	1.08	.03	.19	1	1
1000N 0W	2	25	3	64	.1	21	8	521	2.17	2	5	ND	4	64	1	2	2	36	.49	.09	15	24	.52	113	.10	7	1.33	.03	.24	1	1
1000N 50E	1	34	5	60	.1	17	8	545	2.17	2	5	ND	4	47	1	3	2	38	.52	.09	17	24	.51	111	.09	4	1.28	.02	.21	1	1
1000N 100E	1	33	2	55	.1	20	8	479	2.04	2	5	ND	4	53	1	2	2	35	.67	.09	15	22	.52	105	.08	9	1.12	.02	.17	1	1
1000N 200E	1	27	2	54	.1	16	7	470	1.84	3	5	ND	3	42	1	2	4	30	.44	.09	14	20	.40	95	.08	4	1.04	.02	.17	1	1
1000N 250E	1	134	5	54	.4	18	15	617	2.44	2	5	ND	4	42	1	2	2	42	.44	.08	15	24	.45	118	.10	2	1.43	.02	.19	1	5
1000N 300E	1	101	11	60	.1	18	12	733	2.40	2	5	ND	4	50	1	2	2	42	.58	.09	16	22	.49	157	.10	7	1.72	.03	.21	1	3
1000N 350E	1	77	6	57	.1	22	11	660	2.35	2	5	ND	4	52	1	2	2	41	.61	.09	16	23	.50	134	.10	9	1.60	.03	.19	1	2
1000N 400E	1	28	3	55	.1	21	8	451	2.16	2	5	ND	4	44	1	2	2	35	.48	.08	16	23	.48	114	.10	3	1.39	.03	.20	1	1
1000N 1150E	1	24	3	54	.1	18	7	473	2.06	2	5	ND	5	39	1	3	2	34	.45	.08	16	21	.48	104	.09	2	1.12	.02	.17	1	1
900N 2500W	2	73	7	74	.1	63	27	1031	3.70	34	5	ND	3	67	1	3	2	37	.70	.07	15	34	.74	149	.10	7	2.16	.03	.17	1	16
900N 2450W	2	60	7	88	.1	47	20	1222	3.70	18	5	ND	3	57	1	2	2	48	.59	.10	19	37	.74	244	.12	6	2.45	.02	.22	2	2
900N 2400W	3	101	11	95	.1	60	27	1454	3.88	28	5	ND	3	86	1	5	2	46	.76	.11	20	40	.86	189	.10	5	2.01	.02	.22	2	6
900N 2350W	3	96	9	97	.1	54	23	1281	3.77	25	5	ND	2	93	1	2	2	42	.90	.09	16	36	.85	168	.08	11	1.94	.02	.21	1	3
900N 2300W	3	66	11	85	.3	37	15	903	2.50	17	5	ND	2	963	1	4	2	29	2.48	.09	12	26	.89	133	.06	14	1.49	.03	.22	1	3
900N 2250W	2	50	10	82	.1	30	12	768	2.30	15	5	ND	2	271	1	2	2	30	1.15	.08	12	21	.66	149	.07	14	1.61	.03	.21	1	1
900N 00E	1	170	10	68	.1	24	17	881	2.82	3	5	ND	4	52	1	2	2	48	.54	.07	16	29	.57	132	.12	5	1.93	.03	.18	1	2
900N 1050E	1	33	5	56	.1	20	8	477	2.08	2	5	ND	4	80	1	2	2	34	.52	.08	16	21	.47	100	.09	4	1.21	.03	.20	1	5
900N 1100E	2	137	8	76	.2	15	14	1291	2.58	2	5	ND	1	78	1	4	2	40	1.28	.17	19	20	.53	237	.07	14	1.90	.02	.19	1	4
900N 1200E	1	151	6	62	.1	18	17	824	2.62	4	5	ND	4	52	1	2	2	47	.56	.09	15	25	.58	156	.12	11	1.93	.03	.26	1	9
900N 1250E	1	65	6	56	.1	15	10	554	2.13	2	5	ND	3	98	1	2	2	36	2.86	.09	16	20	.62	119	.08	8	1.35	.03	.16	1	4
900N 1300E	2	118	10	74	.1	18	14	992	2.66	4	5	ND	3	54	1	5	2	44	.59	.09	19	23	.56	168	.12	9	1.99	.03	.21	1	4
900N 1350E	1	189	10	75	.2	27	24	1335	3.79	2	5	ND	3	52	1	6	2	88	.78	.08	15	44	1.31	164	.13	12	2.46	.03	.20	1	8
900N 1400E	1	73	6	56	.1	20	10	629	2.34	2	5	ND	4	66	1	2	2	37	.53	.08	16	24	.56	108	.09	10	1.39	.03	.23	1	2
800N 2500W	2	84	16	84	.1	42	18	1092	2.88	24	5	ND	1	122	1	2	2	37	.90	.10	15	33	.65	191	.08	9	1.86	.03	.22	1	4
800N 2450W	2	57	8	87	.1	45	16	939	3.03	22	5	ND	2	95	1	2	2	41	.69	.08	15	39	.76	174	.09	9	1.96	.02	.22	1	1
800N 2400W	3	93	18	93	.1	60	23	1198	4.00	22	5	ND	3	53	1	3	2	52	.57	.09	20	43	.83	197	.12	3	2.46	.02	.21	1	2
800N 2350W	3	115	10	84	.1	52	25	1287	3.75	19	5	ND	2	70	1	3	2	48	.71	.10	19	44	.84	181	.10	9	2.22	.02	.22	1	2
800N 2300W	2	125	13	96	.3	53	24	1313	3.92	20	5	ND	2	88	1	2	2	51	.94	.13	20	45	.96	219	.08	14	2.28	.02	.24	1	2
800N 2200W	9	198	19	188	.6	91	30	1282	5.55	67	5	ND	2	89	1	2	4	50	2.75	.15	16	39	1.05	274	.03	8	1.79	.01	.15	1	14
800N 2150W	3	78	14	98	.1	45	16	1139	3.01	17	5	ND	1	87	1	2	2	37	.78	.09	16	26	.50	267	.08	8	1.90	.02	.22	1	1
800N 2100W	6	228	10	99	.1	98	60	1876	4.95	11	5	ND	2	113	1	2	3	59	1.15	.15	11	36	.65	358	.16	11	2.48	.04	.17	1	1
800N 2000W	4	192	6	72	.1	585	62	1041	6.53	19	5	ND	1	63	1	7	2	95	1.52	.08	7	732	5.07	98	.15	17	3.71	.01	.16	1	1
800N 1950W	5	171	5	82	.1	513	52	1027	6.92	46	5	ND	1	85	1	6	2	99	2.57	.10	10	612	5.42	144	.07	9	3.92	.01	.12	1	3
STD C/AU-0.5	22	61	43	135	7.2	71	29	1188	3.96	36	15	8	33	48	18	16	21	59	.48	.11	37	58	.88	177	.08	36	1.71	.06	.11	13	500

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
800N 1900W	4	155	15	107	.3	376	47	1119	6.47	78	5	ND	2	42	1	5	2	76	.75	.09	14	433	3.30	119	.09	7	3.00	.01	.21	1	9
800N 1750W	1	37	5	79	.1	29	13	1628	2.14	5	5	ND	1	94	1	2	2	31	.77	.13	8	23	.39	298	.10	10	1.77	.04	.13	1	1
800N 1700W	2	78	5	70	.1	66	21	1057	3.89	7	5	ND	3	115	1	2	2	51	.82	.06	21	74	.88	191	.18	13	3.16	.03	.28	1	1
800N 1600W	2	96	11	57	.3	94	25	1055	2.92	8	5	ND	2	93	1	2	3	40	1.09	.09	11	70	.84	228	.14	13	2.62	.03	.22	1	1
800N 1600WA	4	379	11	57	.4	22	23	1172	3.28	6	5	ND	1	60	1	2	2	49	1.07	.11	15	27	.86	154	.09	12	2.27	.02	.15	1	22
700N 4000W	2	63	5	86	.1	43	16	955	3.31	10	5	ND	3	55	1	2	2	55	.70	.12	19	49	.74	152	.16	8	1.96	.02	.30	1	41
700N 3950W	2	51	9	99	.2	54	20	1014	3.55	9	5	ND	4	45	1	3	2	57	.53	.11	19	56	.82	161	.18	8	2.33	.02	.38	1	4
700N 3900W	1	45	15	103	.1	43	17	987	3.27	6	5	ND	3	53	1	2	2	53	.67	.12	18	47	.84	172	.16	5	2.22	.02	.36	1	1
700N 3850W	1	57	8	92	.2	70	20	977	3.54	6	5	ND	2	54	1	2	2	61	1.14	.12	14	78	1.21	181	.16	11	2.44	.03	.60	1	1
700N 3800W	2	52	13	100	.2	60	17	1129	3.23	9	5	ND	3	50	1	2	2	51	.71	.13	15	62	.93	188	.14	12	2.18	.03	.42	1	1
700N 3750W	2	64	39	133	.3	69	26	1493	3.53	10	5	ND	3	66	1	2	2	53	.86	.14	25	55	.82	187	.14	10	2.54	.03	.44	1	1
700N 3700W	2	56	18	96	.3	59	20	1190	3.51	11	5	ND	3	56	1	2	2	55	.85	.08	19	62	1.02	156	.17	13	2.32	.03	.40	1	1
700N 2800W	3	103	11	85	.1	39	23	1565	3.77	12	5	ND	2	64	1	2	2	53	.61	.11	19	41	.81	143	.11	13	2.28	.02	.20	1	1
700N 2750W	4	162	20	104	.2	61	33	1777	4.67	28	5	ND	2	95	1	2	2	51	.84	.15	18	50	1.06	118	.08	9	2.18	.02	.25	1	2
700N 2700W	3	155	14	87	.4	59	24	1258	4.13	20	5	ND	3	57	1	2	2	51	.60	.08	22	56	.95	168	.12	5	2.35	.02	.18	1	11
700N 2650W	2	93	8	83	.1	129	28	1243	3.62	14	5	ND	1	182	1	2	2	44	2.74	.08	15	138	1.25	150	.07	9	2.04	.02	.18	1	12
700N 2600W	4	163	7	97	.3	50	22	969	3.52	21	5	ND	1	205	1	2	2	38	1.09	.10	14	46	.96	102	.06	13	1.65	.02	.13	2	8
700N 2550W	2	84	11	79	.1	36	16	946	2.90	13	6	ND	3	107	1	2	2	39	.63	.09	16	33	.63	162	.10	8	1.88	.03	.21	1	2
700N 2500W	2	79	20	125	.2	81	39	1895	5.78	22	5	ND	3	74	1	2	2	87	.80	.13	27	83	1.72	190	.13	9	3.05	.02	.22	1	1
700N 2450W	1	59	7	72	.2	45	19	857	2.74	12	6	ND	3	345	1	2	2	44	4.98	.10	13	48	.88	155	.10	17	1.82	.06	.23	1	4
700N 2400W	5	190	11	91	.4	73	37	1474	5.09	21	5	ND	2	65	1	2	2	58	.91	.13	24	46	1.14	179	.07	10	2.23	.02	.15	1	10
700N 2300W	3	100	8	89	.1	43	19	1067	3.29	20	5	ND	2	67	1	2	2	45	.70	.12	17	38	.73	222	.09	9	2.15	.02	.21	1	1
600N 4000W	4	155	21	109	.1	69	27	1849	3.92	6	5	ND	3	68	1	2	2	65	1.03	.20	15	42	.89	174	.14	17	2.36	.02	.44	1	2
600N 3950W	2	63	14	108	.3	53	27	978	4.15	8	5	ND	5	53	1	2	2	62	.64	.13	21	52	.93	197	.21	8	2.90	.02	.50	1	2
600N 3900W	1	51	11	88	.1	43	14	826	3.09	9	5	ND	3	53	1	2	2	50	.81	.08	17	47	.79	135	.15	8	2.27	.03	.31	1	1
600N 3850W	1	73	23	122	.2	140	33	1415	5.51	12	5	ND	5	36	1	2	4	87	.66	.09	16	151	1.96	230	.29	3	4.12	.04	.95	1	1
600N 3800W	3	107	27	218	.3	143	40	1787	5.67	9	5	ND	6	38	2	2	2	83	.58	.10	24	132	1.88	154	.22	8	3.62	.02	.77	1	1
600N 3750W	2	120	36	121	.3	207	39	1824	5.17	14	5	ND	3	42	1	2	2	77	.65	.09	23	214	2.47	134	.15	9	3.46	.02	.40	1	1
600N 3700W	2	73	43	124	.2	113	23	2018	3.84	17	5	ND	4	55	1	2	2	58	.78	.13	34	121	1.17	198	.14	10	3.31	.02	.42	1	1
600N 1750W	2	92	11	77	.1	62	34	757	4.79	9	5	ND	3	67	1	2	4	67	.71	.06	15	35	.91	123	.31	12	3.56	.04	.18	1	1
600N 1700W	2	148	8	89	.1	63	46	1479	6.09	28	5	ND	2	73	1	2	6	71	.80	.06	15	49	1.25	131	.18	16	3.25	.02	.28	1	1
600N 1650W	3	301	4	73	.2	214	61	791	7.62	32	5	ND	2	100	1	3	8	110	2.17	.10	12	163	2.42	59	.28	17	2.95	.01	.30	1	1
600N 1600W	2	254	4	44	.1	20	17	867	2.69	2	6	ND	3	49	1	2	2	39	.49	.03	14	21	.54	154	.13	7	2.31	.02	.23	1	1
600N 1550W	3	746	10	59	.7	20	6	1270	3.33	6	5	ND	2	55	1	2	2	48	.88	.08	14	20	.88	185	.09	11	2.27	.02	.21	1	5
600N 1500W	3	386	3	27	.2	21	16	726	1.75	5	5	ND	1	495	1	2	2	29	4.83	.05	9	14	.67	88	.05	28	1.28	.06	.22	1	1
600N 1450W	2	729	8	61	.4	15	5	1222	3.60	4	5	ND	3	57	1	2	2	70	.65	.08	15	20	.80	309	.12	7	2.92	.02	.19	1	1
STD C/AU-0.5	22	57	39	136	7.0	72	29	1175	3.96	37	19	8	33	48	18	18	20	59	.48	.10	37	59	.88	178	.08	35	1.71	.06	.10	13	490

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
600N 1400W	5	110	11	49	.2	19	11	645	2.23	3	5	ND	2	324	1	2	3	37	.92	.08	11	19	.90	75	.09	8	1.40	.03	.18	2	9
600N 1350W	5	163	2	48	.2	20	14	778	2.73	5	5	ND	2	149	1	2	2	44	.96	.08	12	23	.73	103	.09	5	1.50	.02	.18	1	17
600N 1300W	8	152	8	46	.2	18	15	724	2.60	6	5	ND	3	334	1	2	2	43	2.65	.10	11	23	.69	75	.09	7	1.38	.02	.20	2	15
600N 1250W	6	231	5	54	.3	17	15	645	2.60	5	5	ND	1	170	1	2	2	45	.87	.09	11	21	.82	83	.09	8	1.71	.05	.19	1	28
600N 1200W	12	145	6	49	.3	21	15	767	2.67	4	5	ND	2	206	1	2	2	44	.93	.10	11	23	1.09	74	.11	10	1.49	.05	.21	2	17
600N 1150W	2	172	2	62	.4	25	18	923	3.22	6	5	ND	4	77	1	2	2	57	.84	.09	15	32	.93	152	.13	9	2.05	.03	.16	1	28
600N 1100W	2	188	2	58	.3	22	17	925	3.03	5	5	ND	2	67	1	2	2	51	.74	.09	14	29	.77	155	.12	8	1.96	.02	.23	1	13
600N 1050W	2	180	5	61	.2	17	15	940	2.61	11	5	ND	2	90	1	2	2	44	.80	.08	13	22	.66	144	.09	10	1.76	.02	.24	1	8
600N 1000W	3	118	6	50	.2	17	11	650	2.20	7	5	ND	5	634	1	2	2	38	5.50	.10	10	22	.86	91	.08	12	1.37	.03	.20	1	6
500N 4000W	2	85	12	93	.1	48	18	1121	3.26	11	5	ND	3	73	1	2	2	54	.75	.11	16	48	.76	159	.17	8	1.94	.02	.34	1	2
500N 3950W	2	98	15	105	.4	66	23	1232	3.88	15	5	ND	4	56	1	2	2	61	.66	.12	17	56	.95	160	.21	5	2.26	.02	.43	1	2
500N 3900W	1	78	6	88	.2	47	17	988	3.22	8	5	ND	3	57	1	2	2	53	.72	.10	15	43	.79	166	.18	6	2.03	.03	.31	1	2
500N 3850W	2	93	9	96	.2	50	20	1171	3.15	16	5	ND	2	62	1	2	2	52	1.36	.12	15	51	.84	152	.14	11	1.90	.02	.35	1	5
500N 3800W	2	141	10	102	.4	87	27	1387	4.74	19	5	ND	3	48	1	2	2	81	.67	.11	14	108	1.51	143	.19	3	2.86	.02	.44	1	5
500N 3750W	2	85	8	88	.1	54	19	1091	3.07	12	5	ND	2	74	1	2	2	53	2.54	.11	13	53	.88	161	.14	12	1.86	.02	.38	1	16
500N 3700W	1	81	12	91	.1	52	16	994	2.89	8	5	ND	5	79	1	2	2	60	5.27	.12	12	67	1.03	149	.11	10	1.91	.02	.51	1	1
500N 1800W	2	187	6	69	.1	74	22	1033	3.29	6	5	ND	3	50	1	2	2	47	.74	.06	14	66	.79	209	.15	7	2.54	.03	.24	1	1
500N 1750W	2	171	13	82	.2	236	43	1209	5.05	3	5	ND	3	83	1	2	2	58	.98	.08	12	271	1.94	181	.24	11	2.99	.02	.45	1	1
500N 1700W	1	103	5	25	.1	36	12	419	1.73	2	5	ND	1	55	1	2	2	23	.57	.03	7	29	.42	65	.09	12	1.30	.03	.22	2	1
500N 1650W	1	124	4	45	.3	17	10	668	1.93	4	5	ND	4	78	1	2	2	32	3.47	.06	10	19	.63	131	.08	9	1.42	.03	.20	1	1
500N 1600W	2	144	9	42	.1	17	11	659	2.08	2	5	ND	2	94	1	3	2	33	1.26	.04	11	20	.54	116	.10	8	1.51	.03	.23	2	1
500N 1550W	2	178	9	54	.3	24	16	867	2.95	5	5	ND	3	59	1	2	2	48	.63	.08	15	29	.70	151	.12	4	1.97	.02	.20	1	11
500N 1500W	2	356	10	47	.2	14	16	861	2.33	5	5	ND	2	78	1	2	2	39	.58	.05	15	18	.48	178	.11	7	2.00	.04	.20	1	2
500N 1450W	2	219	6	35	.3	11	15	672	2.62	11	5	ND	5	148	1	2	2	48	6.99	.12	9	19	.87	41	.06	2	1.30	.01	.04	3	24
500N 1400W	3	155	8	48	.2	18	13	712	2.55	6	5	ND	2	91	1	2	2	41	.87	.09	13	22	.68	102	.09	5	1.41	.02	.17	3	16
500N 1350W	5	154	7	47	.4	20	14	738	2.62	7	6	ND	2	226	1	2	2	42	.80	.08	13	25	.71	86	.10	4	1.56	.02	.20	1	7
500N 1300W	4	133	6	43	.2	12	8	515	1.70	6	5	ND	6	1010	1	2	5	31	8.54	.09	8	15	1.43	78	.07	18	1.23	.03	.18	1	1
500N 1250W	2	37	6	16	.3	4	1	154	.45	2	5	ND	9	3394	1	3	7	10	18.36	.04	2	4	1.75	21	.02	13	.40	.03	.10	1	1
500N 1200W	9	136	6	55	.3	21	14	748	2.69	7	5	ND	3	242	1	4	2	46	1.03	.10	14	29	1.01	78	.12	10	1.64	.03	.24	2	46
500N 1150W	4	313	16	63	.4	24	22	980	3.47	17	5	ND	2	91	1	2	2	54	1.98	.12	14	32	1.04	115	.10	7	1.66	.01	.16	2	47
500N 1100W	2	220	9	63	.4	23	18	924	3.10	17	5	ND	3	65	1	2	2	49	.70	.09	15	27	.74	147	.11	7	1.70	.02	.20	1	16
500N 1050W	1	212	9	63	.2	17	17	864	2.70	7	5	ND	2	74	1	2	2	48	.82	.10	14	23	.60	181	.11	10	1.92	.03	.26	1	5
500N 1000W	2	170	13	64	.2	19	16	858	2.82	6	5	ND	3	66	1	2	2	49	.70	.08	15	25	.65	172	.12	8	2.00	.03	.26	2	2
400N 500W	1	122	7	50	.1	14	11	795	2.05	5	5	ND	1	88	1	2	2	35	.73	.08	13	18	.47	146	.08	6	1.43	.03	.21	3	1
400N 450W	3	401	11	65	.5	18	26	1542	3.70	7	5	ND	2	68	1	2	2	67	.84	.10	15	22	.84	192	.09	8	2.15	.02	.20	1	10
400N 400W	5	125	10	60	.2	16	10	485	1.98	3	5	ND	3	319	1	2	2	29	3.52	.09	10	21	1.29	77	.08	11	1.35	.08	.27	1	1
STD C/AU-0.5	21	60	41	142	7.0	74	30	1253	4.01	39	19	8	34	52	18	17	22	62	.48	.11	38	61	.88	187	.08	39	1.71	.06	.12	12	520

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
400N 350W	2	254	3	60	.3	18	16	749	2.34	4	5	ND	4	85	1	2	4	39	.58	.09	16	24	.53	134	.12	4	1.63	.02	.21	1	4
400N 300W	2	351	8	54	.1	21	19	663	2.26	4	6	ND	2	53	1	2	2	39	.69	.09	15	22	.55	130	.10	3	1.59	.02	.17	3	3
400N 250W	3	667	3	92	.2	19	13	1516	2.76	4	5	ND	1	58	1	4	2	51	.84	.14	14	20	.56	157	.09	10	2.15	.03	.13	5	26
400N 200W	15	109	2	58	.1	18	12	623	2.04	3	7	ND	3	247	1	2	2	37	2.52	.09	11	22	1.22	70	.09	13	1.26	.08	.31	1	2
400N 150W	2	376	7	67	.1	25	26	892	2.80	2	5	ND	3	60	1	2	6	49	.60	.10	16	31	.57	151	.15	11	2.17	.02	.20	2	4
400N 100W	1	106	3	68	.2	22	13	696	2.36	4	5	ND	4	62	1	2	2	38	.55	.10	15	25	.56	123	.11	7	1.43	.02	.23	1	2
400N 50W	2	76	2	63	.1	20	11	603	2.26	2	5	ND	4	99	1	2	2	38	.48	.09	16	24	.56	106	.11	6	1.35	.03	.21	1	3
400N 00W CL	10	39	5	55	.1	15	8	463	1.95	4	5	ND	4	120	1	2	2	36	1.01	.08	12	21	.94	62	.09	2	1.18	.12	.25	1	2
300N 3100W	2	82	10	119	.4	32	29	2876	6.36	15	5	ND	2	109	1	4	2	65	1.10	.15	22	32	.84	156	.11	12	2.02	.03	.27	1	1
300N 3050W	2	101	10	108	.1	43	31	1995	5.26	11	5	ND	3	56	1	2	2	67	.57	.12	20	42	.76	156	.16	9	2.58	.02	.28	1	33
300N 3000W	2	102	7	107	.2	38	29	1657	3.56	11	5	ND	2	73	1	2	2	49	1.06	.15	15	34	.65	156	.11	9	2.07	.02	.24	1	1
300N 2900W	2	99	4	116	.2	41	26	2149	6.40	23	5	ND	1	86	1	5	2	51	.86	.14	22	29	.63	149	.07	4	1.75	.02	.23	1	2
300N 2850W	1	81	5	77	.2	30	20	1629	3.81	9	5	ND	2	99	1	2	2	61	.93	.12	21	30	.73	139	.11	6	2.08	.03	.22	1	3
300N 2800W	2	74	5	87	.2	33	24	1924	4.37	9	5	ND	2	77	1	2	2	64	.67	.10	19	37	.69	137	.12	9	2.19	.02	.23	1	1
300N 2750W	1	78	2	74	.2	33	19	1642	3.26	6	5	ND	2	88	1	2	2	57	.66	.08	20	30	.70	142	.13	8	2.30	.03	.20	1	1
300N 2700W	1	72	7	79	.1	35	21	1406	3.32	8	5	ND	1	139	1	3	2	45	.99	.13	18	32	.68	147	.10	9	2.06	.03	.17	1	1
300N 2650W	2	103	10	99	.1	76	45	1640	3.50	6	5	ND	1	92	1	2	2	47	1.16	.16	12	41	.80	157	.10	4	1.96	.02	.19	1	2
300N 2600W	2	111	3	85	.2	50	31	1818	4.72	17	5	ND	3	48	1	2	2	61	.44	.08	20	42	.65	153	.15	7	2.48	.02	.23	1	1
300N 2550W	3	171	2	82	.4	50	31	1438	5.16	16	5	ND	3	57	1	2	2	60	.64	.10	18	47	.85	125	.13	7	2.17	.02	.24	1	1
300N 2500W	2	85	5	96	.2	51	31	1955	4.84	52	5	ND	3	61	1	2	2	60	.59	.11	20	36	.68	146	.13	6	2.33	.02	.22	1	1
300N 500W	3	276	2	63	.1	25	20	928	3.11	7	5	ND	2	68	1	2	2	51	.76	.09	16	33	.87	143	.12	2	1.96	.02	.20	1	16
300N 450W	2	339	4	62	.1	19	19	742	2.63	4	5	ND	2	66	1	2	3	43	.72	.09	16	25	.65	147	.10	10	1.75	.03	.22	1	8
300N 400W	2	114	2	62	.2	20	13	704	2.51	2	5	ND	4	60	1	2	3	41	.47	.08	15	25	.54	131	.12	2	1.56	.02	.21	1	22
300N 350W	2	124	2	59	.1	25	14	724	2.65	4	5	ND	2	80	1	2	2	43	.58	.08	17	27	.65	127	.12	2	1.68	.02	.21	1	7
300N 300W	2	120	2	57	.1	22	15	632	2.64	3	5	ND	3	64	1	2	2	44	.76	.10	14	26	.66	89	.12	12	1.38	.02	.16	1	14
300N 250W	2	92	10	66	.1	22	12	712	2.42	6	5	ND	3	54	1	2	2	40	.52	.09	15	26	.50	151	.13	3	1.72	.02	.21	1	2
300N 100W	2	212	3	69	.2	20	15	864	2.57	4	5	ND	3	84	1	2	2	41	.67	.10	15	24	.64	123	.10	12	1.56	.03	.22	1	4
300N 50W	2	87	7	67	.1	24	12	735	2.52	2	5	ND	3	62	1	2	5	42	.57	.10	17	29	.53	161	.12	9	1.81	.02	.21	1	3
300N 00W CL	2	50	2	64	.1	20	10	569	2.21	4	5	ND	4	112	1	2	2	38	.64	.09	15	23	.65	94	.10	5	1.26	.03	.23	1	1
200N 3050W	2	69	3	83	.3	48	24	1232	4.04	8	5	ND	3	51	1	2	2	66	.53	.08	18	44	.75	145	.20	9	2.42	.02	.30	1	2
200N 3000W	2	73	2	84	.1	41	25	1337	4.18	6	5	ND	3	44	1	2	2	70	.54	.09	18	40	.81	138	.23	3	2.51	.02	.30	1	1
200N 2950W	3	71	10	108	.3	49	21	1504	3.69	28	5	ND	3	68	1	2	4	52	.60	.10	21	58	.81	166	.14	5	2.29	.02	.27	1	5
200N 2900W	2	83	6	88	.2	39	17	962	3.66	13	6	ND	1	130	1	3	2	49	.93	.08	20	42	.90	123	.12	7	2.17	.03	.19	1	13
200N 2850W	1	76	10	70	.1	29	14	852	2.75	12	5	ND	6	258	1	2	2	36	7.03	.10	12	30	.75	120	.08	9	1.52	.03	.15	1	2
200N 2800W	2	68	11	80	.1	29	14	956	2.61	30	8	ND	1	120	1	2	2	34	.92	.08	12	29	.63	147	.08	9	1.60	.02	.24	1	1
200N 2750W	2	81	5	58	.1	30	15	855	2.31	10	9	ND	1	181	1	2	2	33	1.28	.09	11	29	.60	109	.08	10	1.30	.03	.20	1	1
STD C/AU-0.5	22	60	39	141	7.0	73	31	1240	4.00	38	17	8	34	52	18	19	22	62	.47	.11	39	61	.86	186	.08	36	1.70	.06	.11	14	485

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
200N 2700W	2	156	11	82	.1	47	28	1349	3.53	19	5	ND	1	96	1	2	2	48	.95	.13	16	36	.75	123	.10	12	1.68	.02	.22	1	6
200N 2650W	2	93	18	103	.1	35	28	2074	4.51	8	5	ND	2	91	1	2	2	80	.77	.14	22	34	.82	159	.16	3	2.67	.02	.35	1	2
200N 2600W	2	117	28	112	.4	33	27	1966	5.43	10	5	ND	1	127	1	2	2	54	1.44	.16	15	26	.73	95	.07	2	1.93	.02	.18	1	10
200N 2550W	2	119	11	84	.3	50	28	1194	4.10	9	5	ND	3	59	1	2	2	63	.64	.12	16	61	.93	124	.18	4	2.24	.02	.26	1	3
200N 2500W	1	62	10	55	.1	32	13	616	2.28	4	5	ND	2	217	1	2	4	38	8.91	.10	10	37	.77	98	.10	10	1.45	.02	.16	1	1
200N 1800W	2	66	12	90	.1	32	23	1043	3.34	2	5	ND	3	66	1	2	2	51	.67	.11	15	27	.51	164	.16	3	2.43	.03	.21	1	1
200N 1750W	2	97	12	77	.1	33	28	954	3.95	3	9	ND	4	56	1	2	2	57	.45	.10	13	27	.50	139	.17	4	2.18	.02	.21	1	1
200N 1700W	3	77	15	94	.1	27	22	1326	3.50	5	5	ND	4	55	1	2	3	51	.47	.09	16	28	.46	151	.16	2	2.45	.02	.20	1	1
200N 1650W	2	60	14	77	.1	34	20	1158	2.80	5	5	ND	2	61	1	2	3	45	.58	.08	16	27	.54	140	.13	2	2.09	.03	.17	1	1
200N 1550W	5	257	7	66	.2	34	26	1159	3.76	27	5	ND	2	62	1	2	2	58	.77	.12	15	37	.94	101	.11	2	1.85	.02	.15	1	7
200N 1500W	5	228	8	90	.1	33	24	1554	3.77	15	5	ND	2	61	1	2	2	54	.65	.10	30	34	.83	111	.11	2	1.91	.02	.19	1	13
200N 1450W	3	118	16	146	.1	48	55	1968	5.33	24	5	ND	2	88	1	2	2	81	.82	.15	16	29	.83	138	.17	2	2.51	.02	.16	1	4
200N 1400W	2	124	13	92	.1	52	45	1630	4.06	22	5	ND	1	108	1	4	2	71	1.55	.11	15	39	.97	114	.13	3	2.02	.02	.19	1	1
200N 1300W	3	122	10	54	.1	22	15	820	2.79	5	5	ND	3	61	1	2	2	42	.64	.10	16	27	.55	143	.11	2	1.70	.02	.21	1	4
200N 1250W	3	216	9	71	.4	24	20	969	3.15	5	10	ND	3	58	1	2	2	44	.76	.11	15	33	.70	103	.10	3	1.50	.01	.26	3	510
200N 1150W	3	192	10	66	.2	31	19	925	3.40	6	5	ND	3	58	1	2	2	50	.87	.11	17	41	1.00	108	.09	2	1.66	.01	.21	2	60
200N 1100W	4	259	12	81	.3	36	23	1125	3.79	8	5	ND	3	65	1	2	2	53	.91	.12	17	47	.99	123	.10	4	1.82	.01	.32	1	90
200N 1050W	3	163	11	69	.1	31	18	1068	3.18	6	5	ND	3	60	1	2	2	45	.70	.13	18	40	.72	115	.09	3	1.51	.01	.27	1	15
200N 1000W	4	154	11	77	.1	25	18	1095	3.06	4	5	ND	2	69	1	2	2	42	.83	.13	16	37	.70	120	.09	5	1.40	.03	.25	3	13
200N 500W	3	162	13	61	.1	20	15	780	2.61	5	5	ND	2	100	1	3	2	41	.58	.09	15	27	.65	118	.11	4	1.61	.02	.21	1	33
200N 450W	9	82	3	57	.1	18	10	601	1.92	2	5	ND	1	416	1	2	5	34	2.64	.10	10	20	.87	80	.08	11	1.17	.11	.26	1	4
200N 400W	14	92	5	48	.2	17	11	592	1.91	5	5	ND	2	654	1	2	2	35	4.58	.08	9	21	1.04	47	.09	8	1.19	.04	.32	1	1
200N 350W	3	156	4	59	.1	22	14	672	2.32	3	5	ND	3	106	1	2	2	39	.65	.08	14	24	.55	116	.11	5	1.46	.02	.24	1	3
200N 300W	3	398	7	59	.2	21	22	731	2.83	2	5	ND	3	54	1	2	2	44	.51	.09	16	29	.59	123	.12	2	1.84	.01	.18	1	4
200N 250W	1	123	7	62	.1	23	15	784	2.64	2	5	ND	4	57	1	2	2	46	.52	.08	16	29	.59	150	.13	2	1.87	.02	.20	1	2
200N 200W	1	97	7	63	.1	23	13	789	2.43	2	5	ND	3	59	1	2	3	41	.49	.08	15	27	.50	161	.12	6	1.80	.02	.22	1	1
200N 150W	2	478	6	68	.2	19	26	1321	2.72	5	5	ND	1	65	1	2	2	45	.79	.10	13	19	.67	147	.08	11	2.00	.03	.20	1	22
200N 50W	1	99	12	60	.1	24	13	767	2.49	3	5	ND	4	57	1	3	2	41	.49	.09	15	27	.53	163	.11	7	1.82	.03	.20	1	2
200N 00W CL	1	57	7	60	.1	19	10	652	2.21	3	5	ND	4	53	1	2	3	38	.44	.09	15	21	.48	133	.10	5	1.38	.02	.21	1	3
100N 3100W	2	109	8	83	.2	46	22	1461	3.87	11	5	ND	2	48	1	2	2	52	.48	.10	18	40	.67	154	.15	4	2.31	.02	.22	1	2
100N 3050W	3	104	7	89	.1	63	31	1800	4.30	13	5	ND	3	59	1	3	2	58	.47	.11	19	40	.64	150	.14	6	2.47	.02	.20	1	12
100N 3000W	2	102	8	95	.2	45	26	1931	4.33	15	5	ND	3	56	1	2	2	59	.48	.11	20	40	.70	159	.14	2	2.28	.02	.27	1	1
100N 2950W	2	122	10	100	.1	63	29	1496	4.21	22	5	ND	2	54	1	2	2	60	.56	.13	17	56	.92	145	.15	4	2.26	.02	.30	1	3
100N 2900W	1	98	11	74	.1	35	15	781	2.85	12	5	ND	1	152	1	2	2	42	1.08	.09	15	31	.70	127	.09	9	2.00	.02	.15	1	1
100N 2850W	1	60	14	77	.1	32	18	1279	3.60	11	5	ND	3	61	1	2	2	54	.47	.08	22	31	.56	170	.14	2	2.48	.02	.20	1	530
100N 2800W	1	64	2	55	.1	20	11	630	2.05	8	5	ND	3	495	1	2	2	32	10.19	.10	11	23	.77	99	.07	11	1.42	.03	.16	1	1
STD C/AU-0.5	21	59	41	144	7.1	75	32	1278	3.99	38	19	8	34	55	19	17	20	63	.48	.11	39	60	.90	182	.08	36	1.75	.07	.11	13	520

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
100N 2750W	2	103	5	71	.1	42	20	1013	3.20	10	5	ND	2	57	1	2	2	49	.67	.09	15	39	.69	137	.13	9	1.94	.02	.22	1	2
100N 2700W	2	103	8	74	.1	49	21	1084	3.39	8	5	ND	2	63	1	3	4	50	.69	.09	13	46	.93	119	.11	6	1.82	.02	.17	1	8
100N 2650W	1	67	3	58	.2	30	12	690	2.06	8	8	ND	4	251	1	2	2	30	6.88	.10	10	31	.65	104	.06	12	1.18	.02	.19	1	1
100N 2600W	2	100	6	88	.1	37	23	1707	3.91	8	5	ND	2	65	1	2	2	53	.77	.09	24	42	.67	163	.13	8	2.45	.02	.27	1	2
100N 2550W	1	60	7	60	.1	29	16	968	2.50	6	6	ND	2	119	1	2	2	44	2.44	.08	13	29	.60	118	.09	12	1.67	.02	.25	1	1
100N 1850W	3	97	3	89	.1	48	36	1333	3.06	4	5	ND	1	54	1	2	2	45	.60	.13	13	28	.45	163	.13	7	2.85	.02	.14	1	1
100N 1800W	2	101	5	59	.1	31	17	895	2.25	3	5	ND	2	55	1	2	4	34	.57	.09	13	25	.41	178	.10	9	1.82	.02	.20	1	38
100N 1750W	1	82	10	71	.1	28	23	912	2.95	5	5	ND	3	48	1	2	2	45	.45	.08	15	28	.43	170	.14	3	2.08	.02	.22	1	2
100N 1700W	2	81	10	73	.1	55	27	1250	3.37	15	5	ND	3	46	1	3	2	54	.52	.08	16	37	.56	132	.12	10	2.11	.02	.22	1	3
100N 1650W	2	100	5	77	.2	39	27	1455	3.46	7	5	ND	2	62	1	2	2	58	.74	.09	20	29	.60	146	.12	8	2.18	.02	.20	1	1
100N 1600W	3	391	6	68	.2	65	30	1566	3.42	14	5	ND	2	52	1	2	6	49	.71	.12	15	54	.83	146	.09	3	1.74	.02	.19	1	26
100N 1550W	3	114	5	61	.1	34	15	886	2.66	7	5	ND	3	54	1	2	4	40	.57	.10	13	30	.58	148	.09	9	1.63	.02	.20	1	3
100N 1500W	3	124	5	83	.1	31	23	1335	3.43	9	5	ND	2	50	1	2	2	51	.62	.11	15	32	.66	116	.10	6	1.89	.02	.19	1	2
100N 1450W	3	143	9	71	.1	24	21	1179	3.28	6	5	ND	3	43	1	2	2	47	.53	.10	12	26	.60	128	.11	6	1.83	.02	.21	1	110
100N 1400W	3	116	9	69	.1	31	22	1061	2.80	7	5	ND	1	101	1	2	2	40	1.12	.09	11	23	.54	100	.09	15	1.63	.02	.20	1	1
100N 1350W	2	104	10	55	.1	19	13	726	2.45	12	5	ND	2	62	1	2	2	36	.70	.08	12	21	.47	125	.09	8	1.55	.02	.21	1	8
100N 1300W	3	193	11	58	.1	26	18	988	2.98	5	5	ND	2	71	1	2	4	41	.80	.10	15	33	.74	119	.08	9	1.56	.01	.26	2	19
100N 1200W	3	174	9	67	.2	37	19	1005	3.45	6	5	ND	3	51	1	2	2	51	.65	.10	18	47	1.02	120	.09	6	1.76	.01	.26	1	18
100N 1150W	4	304	8	69	.4	38	24	920	4.03	9	5	ND	3	52	1	2	2	54	1.00	.10	17	48	1.14	117	.08	5	1.89	.01	.20	1	36
100N 1100W	3	230	10	70	.1	31	21	1006	3.49	9	5	ND	3	52	1	3	2	47	.77	.10	17	42	.82	110	.08	8	1.62	.01	.29	3	13
100N 1050W	3	169	5	60	.2	27	18	979	3.09	5	5	ND	3	51	1	2	2	42	.72	.10	16	33	.69	113	.08	9	1.40	.01	.23	1	12
100N 1000W	2	153	7	60	.1	23	16	916	2.77	4	5	ND	2	62	1	2	4	39	.77	.12	14	29	.65	138	.08	5	1.53	.01	.22	1	10
STD C/AU-0.5	20	59	41	142	7.0	74	31	1250	3.99	41	17	8	35	50	18	18	20	62	.46	.11	37	60	.87	187	.08	37	1.70	.06	.11	12	505

APPENDIX 'D'

SAMPLE DESCRIPTIONS

Sample Descriptions

86KKR01	Massive, medium grey microcrystalline quartzite with abundant pyrite mineralization. Sample size 10 cm x 7 cm x 7 cm. Taken from entrance of No. 3 level of mine.
86KKR02	Massive sulphide with abundant pyrrhotite, pyrite. Grab sample 5 cm x 5 cm x 4 cm. Taken from entrance of No. 3 level of mine.
86KKR03	Massive microcrystalline quartz with abundant chalcopyrite and malachite alteration. Chip sample taken from quartz vein approximately 10 cm thick near, and in open cut.
86KKR04	Highly fractured aphanitic greenstone with abundant malachite. Chip sample.
86KKR05	Very gossanous and highly altered aphanitic greenstone with abundant malachite. Chip sample.
86KKR06	Massive aphanitic greenstone with quartz stringers and small amounts of chalcopyrite. Sample size 6 cm x 5 cm x 5 cm.
86KKR07	Massive, fine-grined greenstone containing quartz vein approximately 5 cm wide. Quartz is massive and white in color. Chip sample.
86KKR08	Massive microcrystalline quartz with abundant malachite staining. Grab sample 11 cm x 6 cm x 3 cm. Taken from a shear zone in greenstone.
86KKR09	Quartz vein material with malachite, chalcopyrite and arsenopyrite. Chip sample. Taken from very weathered outcrop of greenstone.
86KKR10	Greenstone with quartz stringers and vein approximately 5 cm wide. Disseminated pyrite is visable in both the greenstone and the quartz. Chip sample.
86KKR11	Chlorite schist with quartz stringers. The schist is very finely grained and well foliated. Chalcopyrite and malachite are both abundant. Chip sample.
86KKR12	Massive quartz from veins varying form 3 to 20 cm wide. Host rock is dark green chlorite schist which in places is very severely sheared. Chip sample.
86KKR13	Massive microcrystalline quartz with abundant malachite and gossan. Grab sample taken from tailings from open cut.
86KKK14	Light grey to green greenstone with abundant quartz and small amounts of augite and hornblende. Chip sample.
86KKR15	Massive quartz with brown weathering product and malachite. Sample size 10 cm x 5 cm x 4 cm.

86KKR16 Massive quartz chip sample with small amounts of malachite taken from quartz vein approximately 4 cm wide. Vein occurs in diorite with phaneritic texture.

86KKR17 Massive quartz containing abundant malachite and azurite with small amounts of disseminated chalcopyrite. Host rock is greenstone. Chip smaple is taken from open cut in shear zone.

86KKR18 Massive quartz with abundant malachite and chalcopyrite. Chip sample taken from approximate 30 cm exposure of quartz vein.

86KKR19 Massive light green quartzites which are heavily altered. Calcite veins up to 1 cm wide are found in the area as are massive, dark green greenstones. Sample size 8 cm x 8 cm x 10 cm.

86KKR20 Massive light to medium green microcrystalline quartzite with finely disseminated arsenopyrite. Chip sample.

86KKR21 &
86KKR22 Massive microcrystalline quartzite. Green in color. Pyrite and arsenopryite are disseminated throughout. Sample sizes 86KKR21, 10 cm x 8 cm x 8 cm; 86KKR22, 15 cm x 5 cm x 4 cm.

86KKR23 Massive microcrystalline quartz from veining approximately 4 cm wide. Pyrite with well developed cubic crystals are abundant throughout the specimen. The host rock is a phaneritic diorite. Hornblende, augite, and plagioclase crystals are well developed. Sample size 7 cm x 6 cm x 3 cm.

86KKR24 Massive microcrystalline quartz from lens 20 cm long and 8 cm wide. Malachite and azurite are both abundant. Chip sample.

86KKR25 Microcrystalline greenstone from very gossanous shear zone. The outcrop is very fractured. Chip sample.

86KKR26 Microcrystalline greenstone from gossanous outcrop. Sample size 10 cm x 10 cm x 4 cm. Outcrop is very fractured.

86KKR27 Aphanitic greenstone with disseminated pyrite throughout. Medium green in color. Sample size 8 cm x 10 cm x 4 cm.

86KKR28 Light grey to green calcite with vuggy texture occurs as a lens approximately 2 metres long and one metre wide in a greenstone host. Chip sample.

86KKR29 Massive microcrystalline quartzite with irregular fracture. Greenstone is the host. Sample size 15 cm x 15 cm x 8 cm.

86KKR30 Siliceous augen schist. Dark green in color and strongly foliated. The matrix of the schist is aphanitic. Sample size 8 cm x 7 cm x 5 cm.

86KKR31 Massive light grey quartzite. No visible mineralization but strong foetid odor. Chip sample.

86KKR32 Massive quartzite interbedded with phyllite. The sample is very gossanous with visible pyrite. Sample size 15 cm x 10 cm x 18 cm.

86KKR33 Aphanitic greenstone with disseminated pyrite. Chip sample.

86KKR34 Quartzite showing flow structure. The sample varies from medium green to gossanous in color and pyrite is visible. Sample size 15 cm x 10 cm x 10 cm.

86KKR35 Siliceous greenstone which is intensely altered. Well formed pyrite crystals are abundant. Chip sample.

86KKR36 Very siliceous and massive intrusive with a sucrosic texture. The sample is very light in color. Pyrite is present as are small amounts of chlorite and biotite.

86KKR37 Masssive white quartz with gossanous color throughout. Greenstone host. Taken as a grab float sample from remnants of an open cut.

86KKR38 Severely altered massive, aphanitic greenstone. Highly gossanous throughout. Sample size 8 cm x 10 cm x 3 cm.

86KKR39 Severely altered massive, aphanitic greenstone. Gossanous color throughout. Chip sample.

86KKR40 Massive aphanitic greenstone with finely disseminated pyrite. Sample size 7 cm x 10 cm x 7 cm.

86KKR41 Severely altered chlorite-biotite schist with quartz veining. Very gossanous. Chip sample.

86KKR42 Severely altered gossanous greenstone in schist. Sample size 7 cm x 7 cm x 7 cm.

86KKR43 Massive microcrystalline quartz from lens in chlorite-actinolite schist. Pyrite and arsenopyrite are abundant. The lens is approximately 2.5 cm long and 10 cm wide. Sample size 8 cm x 8 cm x 5 cm.

86KKR44 Massive microcrystalline quartz exposed by open cut. A highly gossanous chlorite schist is the host rock. Sample size 8 cm x 8 cm x 5 cm.

86KKR45 Massive microcrystalline quartz from vein. Light grey color. Abundant malachite and azurite alteration products. Sample size 15 cm x 10 cm x 6 cm.

86KKR46a Massive dark green greenstone with quartz stringers. Pyrite, chalcopyrite and arsenopyrite are abundant. Taken from mine site. Sample size 12 cm x 11 cm x 5 cm.

86KKR46b Massive microcrystalline quartz from vein. Vein width varies from 30 cm to one meter. Pyrite and marcasite occur locally. Host rock is a chlorite actinolite schist. Chip sample.

86KKR47 Massive light grey microcrystalline quartz from 30 cm wide vein. Chlorite-actinolite schist is the host rock. Layers of chlorite appear in the vien.

86KKR48 Massive microcrystalline quartz with abundant arsenopyrite and jarosite. Sample was taken from a loose boulder. We were unble to locate it in outcrop. Sample size 8 cm x 12 cm x 5 cm.

86KKR49 Massive microcrystalline quartz with abundant arsenopyrite. Chip sample.

86KKR50 Massive aphanitic greenstone with arsenopyrite and marcasite. Jarosite alteration also present. Chip sample.

86KKR51 Massive microcrystalline quartz from veins and lens in chlorite - biotite schist. Very abundant chalcopyrite and malachite. Granodiorite is the host rock. Chip sample.

86KKR52 Massive microcrystalline quartz from vein in ultramafic gabbro. The quartz is white with brown alteration product and malachite. Ultramafic phenocrysts occur within the quartz. Sample size 8 cm x 7 cm x 7 cm.

86KKR53 Massive microcrystalline quartz from lens one metre long and 20 cm wide. Chalcopyrite, arsenopyrite, malachite, azurite and jarosite are all abundant. Granodiorite is the host rock. Chip sample.

86KKR54 Massive, white, microcrystalline quartz from vein in granodiorite. Chip sample.

86KKR55 Massive, siliceous greenstone with abundant arsenopyrite. Granodiorite host. Chip sample.

86KKR56 Massive microcrystalline quartzite with jarosite alteration. Chip sample.

86KKR57 Massive aphanitic greenstone with small amounts of chlorite shist. Taken from magnetic anomaly at 1000N/3750W. Chip sample.

86KB01	Chip sample taken across 3-5 cm thick quartz vein, strongly limonite- stained, occasionally malachite and carbonate along the vein plane.
86KB02	Chip across 30 cm within 1.5-2 m wide light pinkish zone of silicified diorite? (pervasive and veinlet controlled silicification). Patches of quartz-limonite-malachite up to 5 cm wide parallel to shear 29/53 NW. Also minor amounts of calcite.
86KB03	Grab float. Poddy quartz associated with nearby shear, intense malachite and Fe-oxides staining.
86KB04 (open cut)	Chip across 30 cm thick quartz vein (110/66NE); coarse-grained, grey to milky with black coating and occasionally rich in malachite. Limonite-hematite-sulphides rich sections up to 30 cm wide, 40 cm long with vuggy quartz.
86KB05 (open cut)	Chip across 50 cm quartz vein. As above. Probably the same vein displaced along E-W striking fault plane.
86KB07	Chip across 25 cm thick quartz vein (128/40NE) strongly mineralized with sulphides - difficult to identify due to weathering. Vuggy, strongly limonitic, occasionally malachite-stained.
86KB08 (open cut)	Chip across 25 cm thick quartz vein (85/22NE) strongly limonite-stained.
86KB09 (open cut)	Chip across 30 cm thick quartz vein (82/22NW) with pyrrhotite and arsenopyrite 50 cm from 86KB08 vein.
86KB10	Grab float sample of 30 cm thick boulder of strongly mineralized skarn (pyrrhotite, magnetite, pyrite).
86KB11	Grab float. Highly mineralized quartz with abundant with sulphides and malachite staining. (Pyrite, minor chalcopyrite.) Intensely sheared, chlorite-epidote-calcite greenstone nearby. The source of quartz was not localized.
86KB12	Grab float. Strongly limonitic, moderately silicified greenstone, somewhat vuggy. Taken from 15 cm thick boulder.
86KB13	Grab from 6 cm thick milky quartz vein with little amount of arsenopyrite and magnetite. Limonite-hematite and malachite stained.
86KB14 (open cut)	Grab float from open cut dump. Heavily oxidized quartz vein 15-20 cm wide and with small limonite, jarosite and occasionally malachite stained with small amounts of chalcopyrite and clay minerals. The vein is discontinuous and follows 65°/52°SE shearing in greenstones.

86KB15	Chip across 50 cm. Strongly limonitic. Somewhat vuggy and jarosite-stained quartzite on the contact with greenstone schists.
86KB16	Grab float. Quartzite - as above.
86KB17 (open cut)	Grab float from open cut dump. Strongly limonitic greenstone greenstone schists with traces of jarosite (yellow staining).
86KB18	Grab float from very fractured, Fe-oxides stained, vuggy quartz.
86KB19	Channel across 60 cm from major thrust fault zone. Intensely crushed greenstone along 112°/15°/SW to 112° horizontal. Friable, gouge with remobilize quartz-sericite in discontinuous thin lenses. Fair amount of clay and calcite.
86KB20	Grab float from limonitic, vuggy phyllites?
86KB21 (adit)	Grab from garnet-quartz-epidote skarn moderately limonitic and carbonaceous.
86KB22 (open cut)	Chip across 40 cm. Silicified greenstone schists with heavy hematite-limonite staining.
86KB23 (adit)	Selective high grade ore sample from dumps. Highly mineralized (up to 5-7%) silicified greenstone schist with pyrite and minor chalcopyrite.
86KB24 (open cut)	Selective sample from 0.70 to 1.00 m thick quartz vein (75/45/NW). Quartz is massive and coarse-grained. Highly mineralized patches (2 x 10 cm) of arsenopyrite occur in hangingwall (sampled). The quartz is pitted, limonitic and heavily sheared.
86KB25 (open cut)	Grab sample from open cut tailings. Quartz vein (25 cm thick with patches of limonite, pyrite, pyrrhotite and minor chalcopyrite. Strike NE dip 30° NW.
86KB26	Grab from strongly limonitic weakly sericitic greenstone schists with well formed pyrite cubes up to 0.2 mm.
86KB27	Grab float from 15 cm thick quartz boulder. Yellow jarosite staining on fractures. Medium grained, white to grey with dark clasts of greenschist country rocks. Mineralized with arsenopyrite (3%) and minor amounts of pyrrhotite and pyrite. Small druses of quartz up to 0.4 cm present.
86KB28	Chip across 60 cm. Abundant limonite-hematite staining, weakly brecciated and recemented schist.

86KB29	Grab sample from a small (10 cm wide) lenticular body of brecciated, cemented, siliceous phyllite schist. Limonite, specularite, and sericite are present.
86KB30	Chip over an 0.5 m distance within a 1.0 m wide zone of silicified - recrystallized quartzite. Weak brecciation, Fe-oxide staining with occasional pyrrhotite blebs.
86KB31	Grab sample. Fractured and pitted quartz with yellow to rust color staining and blebs of pyrrhotite.
86KB32	Grab float from 30 cm thick boulder of quartz/quartzite? limonite stained, with small amounts of arsenopyrite.
86KB33	Grab. Highly fractured, limonite stained vuggy along fractures quartzite with arsenopyrite (less than 1%). Vuggy texture along fractures.
86KB34	Grab float. Small pieces of strongly limonitic quartzite found within fractures. Somewhat vuggy and mineralized with arsenopyrite.
86KB35	Grab float. 0.5 m diameter boulder of heavily yellow stained, milky to greyish quartz which is very strongly fractured and mineralized with arsenopyrite (1-2%) and minor pyrite. The source of the float is uncertain - possibly of glacial origin.
86KB36	Grab float. Highly fractured, limonitic quartz boulder (10 cm diameter).
86KB37	Grab float. (20 cm thick boulder) Highly yellow stained, fractured, medium-grained white-greysih quartz with pyrite blebs (up to 0.5 cm) and patchy arsenopyrite (total mineralization 3-5%). Drusy sections present.
86KB38	Grab float. Very highly fractured, moderately sheared, drusy, limonitic quartz/quartzite? with patches of arsenopyrite.
86KB39	Grab float. Strongly fractured rock limonite stained, little vuggy with patches of arsenopyrite.
86KB40 (open cut)	Chip across 50 cm. Strongly silicified, yellow, stained greenstone? NW-SE striking shear at the contact with quartzite.
86KB41 (open cut)	Grab. Fault breccia - brittle, friable gouge, limonitic zone. Irregular width and direction. Abundant mineralization with pyrrhotite, pyrite and minor chalcopyrite.
86KB42 (open cut)	Grab. Siliceous schist mineralized with sulphides (3-5% chalcopyrite, pyrrhotite). From shear zone.

86KB43	Grab. Strongly limonitic, friable, recrystallized granodiorite with pyrrhotite, close to the contact with schists.
86KB44 (open cut)	Chip across 25 cm quartz vein (118/65NE). Highly mineralized with pyrite and chalcopyrite within sections of rusty, pitted quartz. Also, strong malachite staining.
86KB45	Grab from 5 m wide rusty zone in quartzite. Yellow stained mineralized (pyrite, arsenopyrite) section sampled.
86KB46	Chip across 30 cm. Greenish-yellow skarn? (Silica + minor garnet and epidote). No mineralization visible.
86KB47 (adit)	Chip across 1.0 m. Skarn (quartz-feldspar-epidote-garnet) Greenish-white, weakly clay altered. No mineralization visible.
86KB48	Grab. Highly limonitic, weakly yellow stained and sheared siliceous schist outcrop.
86KB49	Grab. Garnet skarn mineralized with pyrrhotite and pyrite (less than 1%).
86KB50	Grab. Strongly magnetic serpentinite/gabbro? Dark, siliceous, competent rock with high specific gravity. Disseminated magnetite may also be present.
86KB52	Chip across 60 cm. Deep maroon coloured breccia? Crushed, hematite cemented, altered rock with calcite stringers and pods. High specific gravity. Magnetic.
86KB53	Chip across 1 m. Highly sheared and silcified. Limonitic. weakly yellow stained greenstone with vuggy sections. The zone is approximately 1.5 m wide and strikes NW-SE.
86KB54	Grab float. Moderately hematitic schist.
86KB55	Chip across 20 cm. Hematite cemented fault breccia (oxidized to limonite). Weakly to strongly silicified towards hangingwall - fragments of displaced quartz vein.
86KB56	Grab float sample from 40 cm diameter boulder of very limonitic, vuggy, silicified schist.
86KB57	Grab. Red-brown stained, strongly fractured graphite shists with some vuggy veinlets of quartz.
86KB58	Grab float. Strongly limonitic, fractured, vuggy, friable (sheared?), clay altered schist.
86KB59	Chip across 0.5 m. Very strongly sheared, (20/50NW) siliceous limonite stained greenstone. Weakly yellow stained with

	arsenopyrite mineralization.
86KB60	Grab - selective - as above, but more mineralized and drusy.
86KB61	Grab float. Highly mineralized silicified rock (pyrrhotite + minor pyrite).

Thin Section Descriptions

86KKR02 Thin section specimen is almost completely anisotropic. The only isotropic mineral present is plagioclase which occurs as small inclusions within the metallic minerals. From the hand specimen it is quite evident that pyrrhotite constitutes the largest portion of this massive sulphide. This sample was taken from the entrance of No. 3 level of the mine on the Dividend property. Grab sample size 5 cm x 5 cm x 4 cm.

86KKR03 Thin section specimen is dominated by well formed euhedral quartz crystals. Some of these crystals show undulose extinction indicating the region was exposed to some degree of strain. Calcite in the form of microscopic veins and well formed crystals is also quite abundant. Calcite constitutes approximately 5% of the rock, while biotite and hornblende constitute approximately 3% of the total rock volume. The hand specimen is best described as massive quartz with abundant chalcopyrite and malachite. The sample was taken as chips from a quartz vein approximately 10 cm thick near and in an open cut.

86KKR17 Thin section specimen shows large, well formed euhedral quartz crystals with undulose extinction indicating the region was exposed to some degree of strain. Secondary quartz and calcite veining is abundant throughout the specimen. The hand specimen indicates the rock is a massive quartz containing abundant malachite and azurite with disseminated chalcopyrite throughout. The host rock is aphanitic greenstone. Chip sample is taken from open cut in shear zone.

86KKR33 Thin section specimen consists of biotite, chlorite hornblende augite and plagioclase. Microperthite, quartz, sillimanite and calcite also occur in minor proportions, with the calcite occuring as secondary vein deposits. Disseminated anisotropic minerals (sulphides) are abundant throughout the specimen. The micaceous minerals possess a distinct schistose texture. The hand specimen indicates the rock is an aphanitic greenstone containing disseminated pyrite.

86KKR43 Very fine-grained quartz crystals dominate the thin section. This microcrystalline form of quartz resembles chert although this cannot be qualified. The quartz grains have a preferred orientation probably due to compaction. Calcite is also abundant in veins that cut the preferred orientation of the quartz crystals. Undulose extinction is apparent in larger quartz grains suggesting the region was exposed to some degree of strain. The hand specimen was taken from a quartz lens in a chlorite-actinolite schist. The lens was approximately 25 cm long and 10 cm wide and showed abundant pyrite and arsenopyrite.

86KKR45 Thin section analysis indicates the rock is a massive quartzite which has been further altered by some degree of strain. This is seen by the undulose extinction of quartz grains which dominate the section. Secondary calcite in the form of veins and interstitial fillings constitutes approximately 8% of the rock. The hand specimen was taken from a quartz vein which contained abundant malachite and azurite. Sample size 15 cm x 10 cm x 16 cm.

86KKR46 Thin section analysis indicates this rock consists largely of very fine-grained sillimanite and chlorite. This suggests the region was exposed to at least low grade metamorphism. Large euhedral calcite and quartz crystals also coccur in minor amounts. The hand specimen is a massive, textureless greenstone containing disseminated pyrite and chalcopyrite.

86KKR40 The thin section specimen contains abundant sillimanite and chlorite with minor amounts of pyroxenes and hornblendes. Anisotropic, metallic minerals with cubic crystal forms, identified as pyrite in hand specimen, are disseminated throughout and constitute approximately 5% of the rock volume. Most of the quartz grains have undulose extinction.

86KKR58 Secondary quartz constitutes approximately 70% of the total rock volume. Very fine-grained silliminite (25% total volume) with small proportions of biotite, chlorite and augite (5% combined volume) makes up the remainder of the rock. A schistose texture is well developed in the fine-grained sillimanite, but is lacking in the quartz. Quartz crystals vary widely in size and most are anhedral. The hand specimen is best described as a phyllite with interbedded quartzite.

86KKR59 Anhedral quartz grains constitute approximately 80% of the total rock volume. A well developed schistose texture occurs in the sillimanite which constitutes the remainder of the rock. Augite, biotite and muscovite have minor occurrences. Quartz veining also occurs within the section cutting the general orientation of the schistosity. The hand specimen is described as a phyllite with interbedded quartzite.

86KKR60 Very deformed anhedral quartz grains with undulose extinction constitute approximately 80% of the total rock volume. Sillimanite and minor amounts of biotote and chlorite make up the remainder. The quartzite bands within the phyllite are intensely deformed and recumbent folds are common.

86KKR61 Orthoclase dominates the thin section and constitutes approximately 70% of the total rock volume. Augite (15%), actinolite (10%), muscovite (5%) and chlorite (trace) occur in smaller proportions. The hand specimen is phaneritic with well developed orthoclase and augite crystals.

L 3000 N
SCALE 1:5000
0 100 200 300 400 500 Metres
QUARTZITE
GRANODIORITE
L 2500 N
QUARTZITE Skarn
L 2677
L 1902
GREENSTONE SCHISTS
L 2000 N
L 3557
QUARTZITE
Skarn
KRUGER MT.
B.L. 1800 W.
LAKEVIEW
L 1500 N
C
GREENSTONE SCHISTS
LAKEVIEW - DIVIDEND MINE
B
A
D
QUARTZITE
TUFF
L 1916
L 1000 N
ALTERED INTRUSIVE
TUFF
L 2675
K
L
SERPENTINITE
GREENSTONE
L 2676
M
QUARTZITE, PHYLLITE
TUFF
ANDESITE (?)
Skarn
GREENSTONE
L 1076
J
L 500 N
GREENSTONE SCHISTS
E
GREENSTONE SCHISTS
QUARTZITE
G
H
I
F
PHYLLITE, QUARTZITE
MINOR GREENSTONE SCHISTS
GOLD HILL
QUARTZITE
DIVIDEND
L 100 N
CANADA
U.S.A.
49°00'
B.L. 4000 W
B.L. 2500 W
B.L. 1000 W.
B.L. 00 W
119°30'
LEGEND
STATION
LEGAL CORNER POST
GOLD ANOMALIES (25 ppb & greater)
SILVER " (.4 ppm " ")
ARSENIC " (15 " " ")
COPPER " (200 " " ")
A AXIS OF EM CONDUCTOR
MAGNETIC HIGH (>57,500 gammas)
" LOW (<56,500 ")
GEOLOGICAL CONTACT
OUTCROP SAMPLE >300 ppb Au
FLOAT GRAB " " " "
OPEN CUT " " " "
SKARN
I.P. ANOMALIES
GEOLOGICAL BRANCH ASSESSMENT REPORT
14,877
PROVINCE OF BRITISH COLUMBIA F. DISPIRITO PROFESSIONAL ENGINEER
TO ACCOMPANY REPORT BY F. DI SPIRITO, B.A.Sc., P. ENG.
KRUGER PROJECT
FOR: MAKUS RESOURCES INC.
BY: SHANGRI-LA MINERALS LIMITED
COMPILATION MAP
OSOYOOS M.D., B.C.
N.T.S.: 82E-4E
DATE: MARCH 1986
DRAWN BY:
FIGURE No. 2

TO ACCOMPANY REPORT BY F. DI SPIRITO, B.A. Sc., P. ENG.

14,877

KRUGER PROJECT

FOR: MAKUS RESOURCES INC.

BY: SHANGRI - LA MINERALS LIMITED

GEOLOGICAL MAP

OSOYOOS M.D., B.C.

N.T.S.: 82E-4E	DATE: MARCH 1986
DRAWN BY:	FIGURE №. 3

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,877

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. DISPIRITO

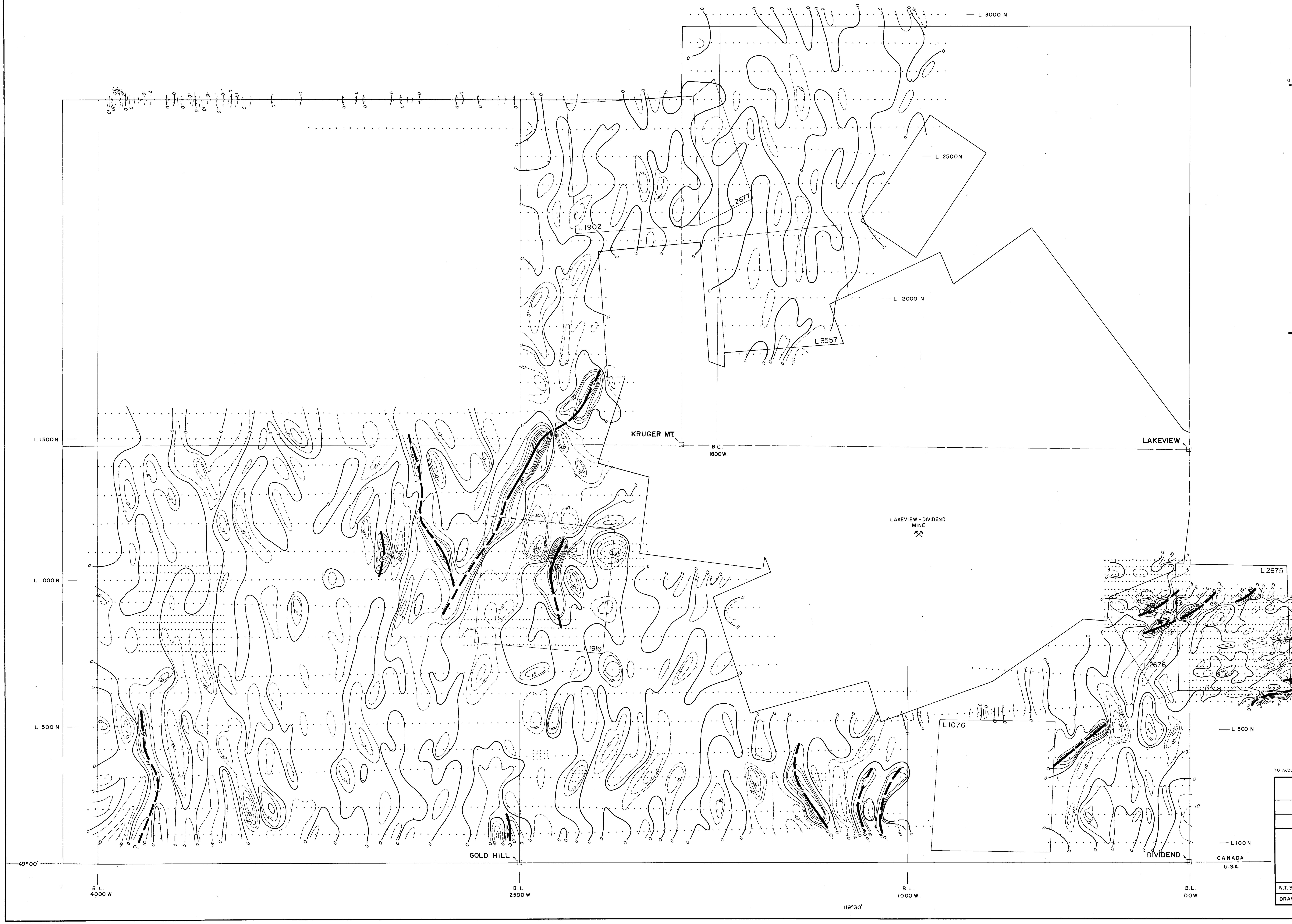
TO ACCOMPANY REPORT BY F. DI SPIRITO, B.A.SC., P. ENG.

14,877

KRUGER PROJECT	
FOR: MAKUS RESOURCES INC.	
BY: SHANGRI - LA MINERALS LIMITED	
SOIL GEOCHEMISTRY GOLD ,PPB OSOYOOS M.D., B.C.	
N.T.S. : 82E-4E	DATE : MARCH 1986
DRAWN BY :	FIGURE Nº. 4

SCALE 1:5000

0 100 200 300 400 500 Metres



LEGEND

- STATION
- LEGAL CORNER POST
- AXIS OF EM CONDUCTOR

CONTOUR INTERVAL AT 5 UNIT DEGREES

TRANSMITTER AT SEATTLE, WASHINGTON

GEOLOGICAL BRANCH ASSESSMENT REPORT

14,877

PROFESSIONAL ENGINEER · PROVINCE OF BRITISH COLUMBIA · F. DISPIRITO

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KRUGER PROJECT

FOR: MAKUS RESOURCES INC.

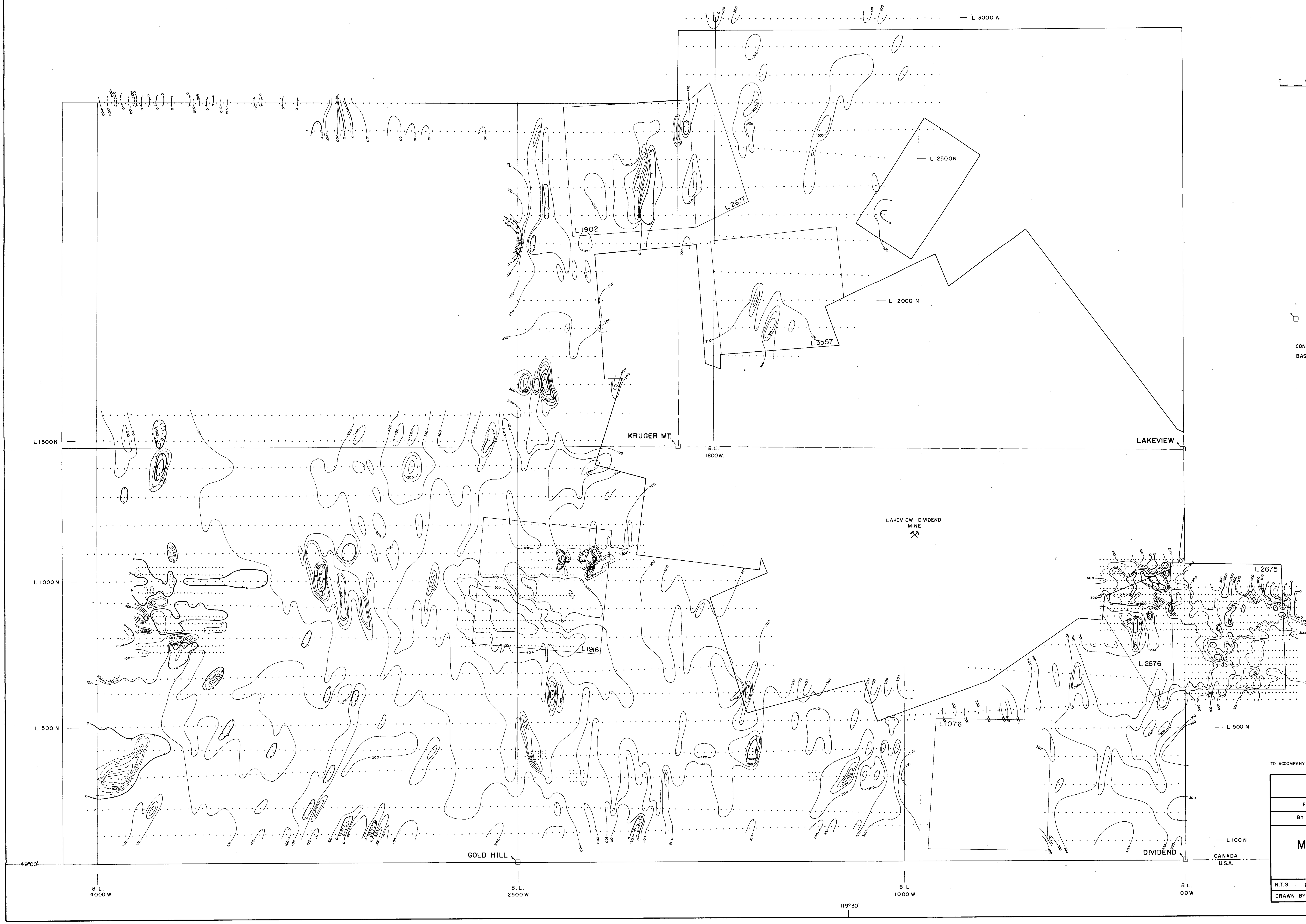
BY: SHANGRI - LA MINERALS LIMITED

VLF - EM SURVEY
FRASER FILTER

OSOYOOS M.D., B.C.

N.T.S.: 82E-4E	DATE: MARCH 1986
DRAWN BY:	FIGURE No. 7


SCALE 1:5000
0 100 200 300 400 500 Metres
LEGEND
STATION
LEGAL CORNER POST
CONTOURS AT 5 INTERVAL
TRANSMITTER AT SEATTLE, WASHINGTON.
L 3000 N
L 2500N
L 2000 N
L 1500N
L 1000 N
L 500 N
L100N
L 2677
L 1902
L 3557
L 1916
L 1076
L 2675
L 2676
KRUGER MT.
B.L. 1800W.
LAKEVIEW
LAKEVIEW - DIVIDEND MINE
GOLD HILL
DIVIDEND
49° 00' CANADA
U.S.A.
B.L. 4000W
B.L. 2500W
B.L. 1000W.
B.L. 00W
119° 30'
GEOLOGICAL BRANCH ASSESSMENT REPORT
14,877
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. DISPIRITO
TO ACCOMPANY REPORT BY F. DI SPIRITO
KRUGER PROJECT
FOR: MAKUS RESOURCES INC.
BY: SHANGRI - LA MINERALS LIMITED
VLF-EM SURVEY
FIELD STRENGTH
OSOYOOS M.D., B.C.
N.T.S.: 82E-4E
DATE: MARCH 1986
DRAWN BY:
FIGURE Nº. 8



SCALE 1:5000

0 100 200 300 400 500 Metres

LEGEND

· STATION

□ LEGAL CORNER POST

CONTOURS AT 100 GAMMAS

BASE VALUE 57,000 "

GEOLOGICAL BRANCH ASSESSMENT REPORT

14,877

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — F. DISPIRITO

TO ACCOMPANY REPORT BY F. DISPIRITO, P. ENG.

14,877

KRUGER PROJECT	
FOR: MAKUS RESOURCES INC.	
BY: SHANGRI - LA MINERALS LIMITED	
MAGNETOMETER SURVEY	
OSOYOOS M.D., B.C.	
N.T.S.: 82E-4E	DATE: MARCH 1986
DRAWN BY:	FIGURE Nº 9