RESULTS OF PHASE 1 EXPLORATION
RIB LAKE CU-NI PROPERTY
LARDER LAKE MINING DISTRICT, N.E. ONTARIO

N.T.S. 31M/04
Latitude 47° 12' North
Longitude 79° 44' West

for

AG ARMENO MINES and MINERALS INC.
Suite 1850-609 GRANVILLE STREET
VANCOUVER, BRITISH COLUMBIA
V7Y 1G5

by

D. BAIN, B.Sc., P.Geo., F.G.A.C.
Consulting Geologist
DUNCAN BAIN CONSULTING LTD.

December 15, 1997
London, Ontario, Canada
(519)451-1481

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SUMMARY

In October 1996 **AG ARMENO MINES and MINERALS INC.** acquired an option to earn a 100% interest in ten contiguous claim blocks in the Temagami area of northeastern Ontario. A natural gas pipeline and its corridor runs through the property, and a rail line runs along the eastern boundary. The southern third and eastern half of this claim block covers a unit of Archean age mafic volcanic and mafic/ultramafic intrusive rocks. These units have been intruded on the west half and northern two thirds of the property by a younger late Archean age granitic intrusive body. The mafic/ultramafic rocks have been capped with Proterozoic age basal conglomerate and arkose of the Gowganda Formation. The north-south trending mafic/ultramafic belt is known to contain nickel-copper and platinum group mineralization. In November 1997 a Phase 1 exploration program was implemented to test the property. This program consisted of mapping and prospecting, soil sampling and ground-based MaxMin EM and magnetometer geophysical surveys. The results of this work confirmed that about two thirds of the property is underlain by a felsic intrusive body of granitic composition. Gabbroic and intrusive ultramafic rocks (probably peridotite) were noted at the south end of the property, and these contained copper staining. A recrystallized felsic chert was noted in float, probably in very close proximity to its source. Sampling of float from the mafic/ultramafic units showed several samples with > 1% Cu, in some cases with associated anomalous Au. The soil sampling results showed anomalous Cu and Au in the southern and eastern parts of the property. The MaxMin survey indicated no significant conductors. The magnetometer survey showed a magnetic anomaly at the south end of the property, west of the baseline. It is recommended that the Cu-Au anomaly located in the south end of the property should be tested by a Phase 2 program of diamond drilling estimated to cost $25,000. Further work would depend on the results of this program.

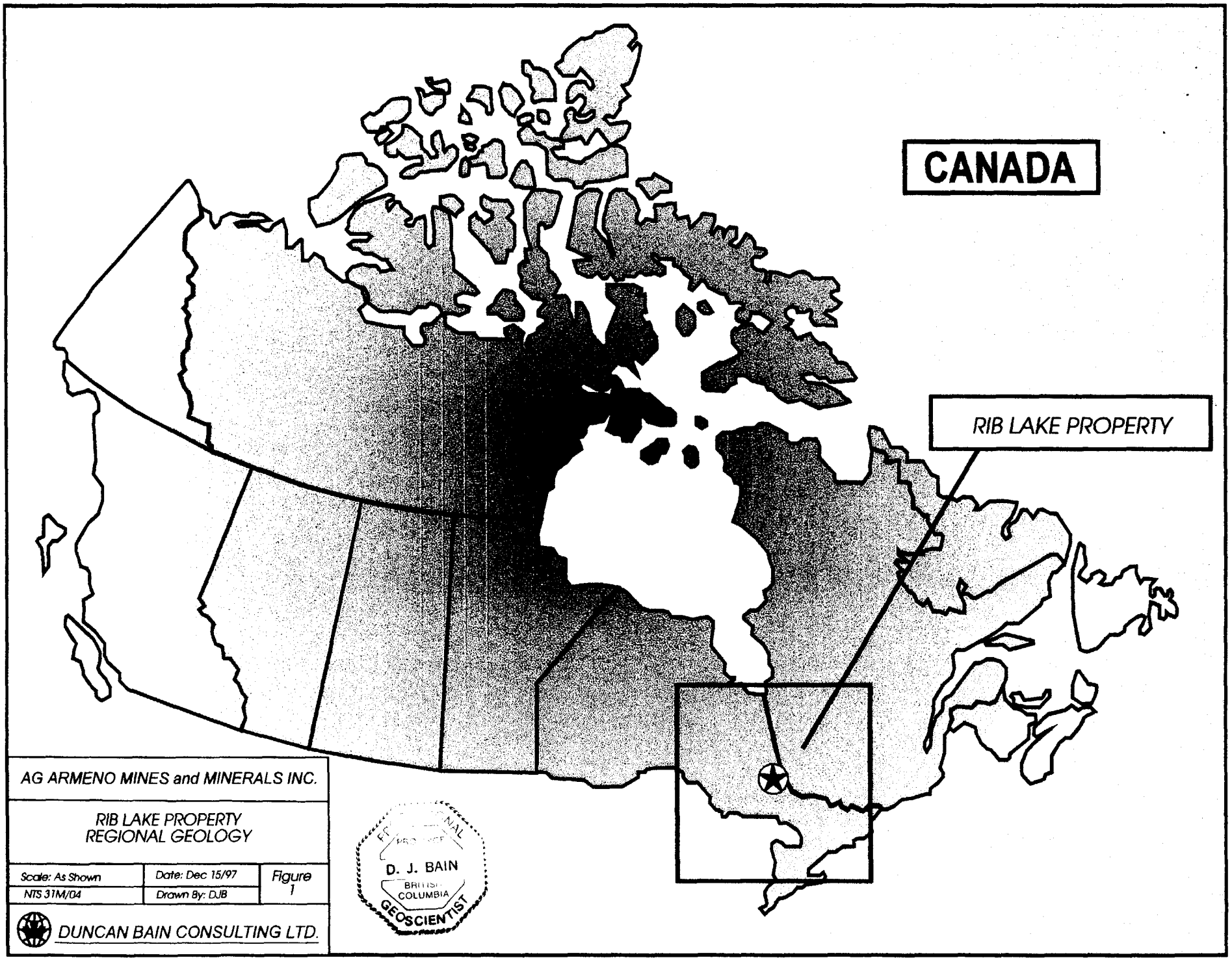
INTRODUCTION

In September 1996 part of the Temagami area previously restricted from mining and logging activities came open for staking. A government geology report mentioned "numerous Copper-Nickel-PGE occurrences, showings and deposits documented in the Temagami area of northeastern Ontario". The report mentioned the Rib Lake area as one of the targets recommended for exploration. Ten claim units were staked in the area during the staking rush that followed the opening of the area. These were optioned to AG Armeno Mines and Minerals Inc. in December 1996. A Phase 1 program was carried out on this property to test for the presence of copper, nickel and platinum group mineralization. The results of that program are reported below.

LOCATION AND DISPOSITION OF PROPERTY

The **RIB LAKE** property is located in south Gillies Limit Township, 10 kilometres north of the village of Temagami, northeastern Ontario (Figure 1,2) and directly west of Rib Lake. Access is along Hwy. 11 and by a service road which extends north-south along the length of the property. This secondary road was put in place to service a natural gas pipeline which extends through the property. A rail line runs along the west side of Rib Lake, which is the eastern boundary of the property.

In October 1996 **AG ARMENO MINES and MINERALS INC.** of Vancouver, British Columbia acquired an option to earn a 100% interest in the **RIB LAKE** property from Gary Dunn of Matachewan, Ontario. Claim data for the property is found on Table 1. Staking



AG ARMENO MINES and MINERALS INC.

RIB LAKE PROPERTY
REGIONAL GEOLOGY

Scale: As Shown	Date: Dec 15/97	Figure 1
NTS 31M/04	Drawn By: DJB	

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BRITISH COLUMBIA
GEOSCIENTIST

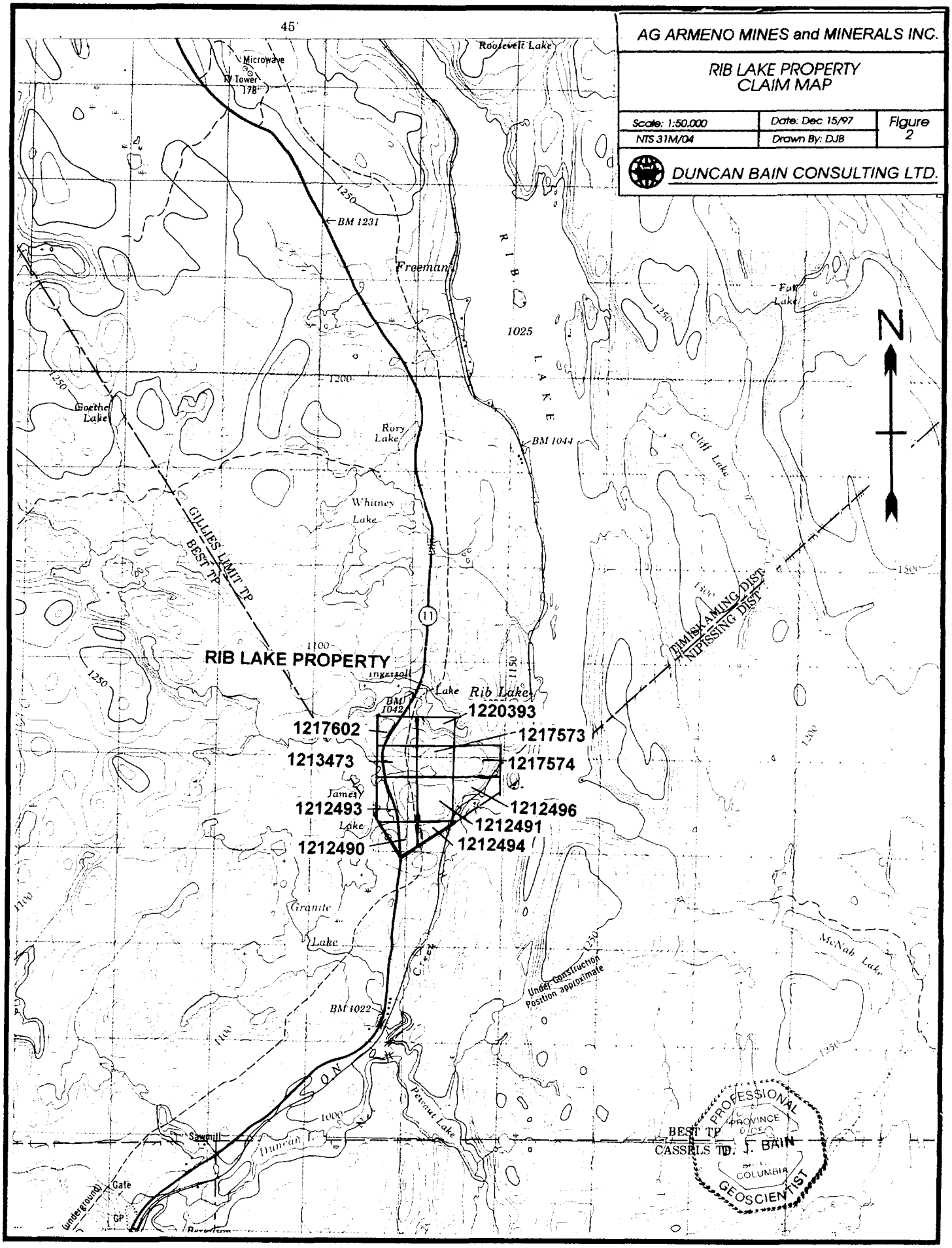
AG ARMENO MINES and MINERALS INC.
RIB LAKE PROPERTY
CLAIM MAP
Scale: 1:50,000
NTS 31M/04
Date: Dec 15/97
Drawn By: DJB
Figure 2
DUNCAN BAIN CONSULTING LTD.
45'
Roosevelt Lake
Microwave
TV Tower
178
BM 1231
Freeman
RIB LAKE
1025
Fay Lake
Goethe Lake
Rory Lake
BM 1044
Cliff Lake
Whitney Lake
GILLIES LIMIT TP
BEST TP
RIB LAKE PROPERTY
Ingersoll Lake
Rib Lakes
BM 1042
1220393
1217602
1217573
1213473
1217574
James Lake
1212493
1212496
1212491
1212490
1212494
Granite Lake
BM 1022
Under Construction
Position approximate
McNab Lake
Peivaut Lake
Sawmill
Duncan
Gate
Underground
GP
TIMISKAMING DIST.
NIPISSING DIST.
N
BEST TP
CASSELS TP.
PROFESSIONAL
PROVINCE
J. BAIN
COLUMBIA
GEOSCIENTIST

TABLE 1 - AG ARMENO MINING and MINERALS INC.
RIB LAKE PROPERTY CLAIM DATA

UNITS UNPATENTED	AREA (ha)	LICENSE#	RECORDING DATE	ANNIVERSARY DATE
1	16	1212491	20/09/96	20/09/98
1	16	1217573	20/09/96	20/09/98
1	16	1217574	20/09/96	20/09/98
1 (no tags)	16	1220393	20/09/96	20/09/98
1	16	1212496	20/09/96	20/09/98
1 (part of)	16	1212490	20/09/96	20/09/98
1 (part of)	16	1212494	20/09/96	20/09/98
1 (part of)	16	1212493	20/09/96	20/09/98
1	16	1213473	20/09/96	20/09/98
1	16	1217602	20/09/96	20/09/98
10	160 (approx.)	TOTAL		

of the claims was recorded on September 20, 1996 and the current Anniversary Date for filing of Assessment Work is September 20, 1998. To maintain these claims in good standing after the Anniversary Date, Exploration Work or Cash in Lieu of Work must be filed at a rate of $400 per claim unit. The total Exploration Expenditure required to maintain these claim blocks in good standing after the Anniversary Date is $4000 per year. The legal status of the claims or their owners is beyond the scope of this report.

PHYSIOGRAPHY

The terrain is typical of the Canadian Shield, scoured by glacial activity to produce a region of relatively low relief with numerous lakes, rivers and low-lying areas which often outline faults and rocks less resistant to weathering. The property is at an elevation of approximately 300 m A.S.L. Slopes are low to moderate. The region is well-covered with spruce, pine alder and birch trees. The area has been part of the Temagami Land Reserve since the early 1970s and has been restricted from logging until it came open in September 1996. Trans Canada Pipeline has blasted a north-south corridor through the centre of the property and blasting occurred along the Hwy. 11 corridor as well. Both corridors have produced new rock exposures. There is ample water from rivers and lakes in and around the property to support exploration and development work. Exploration can be carried out on a year-round basis. The property is snow-free from May to October for a 6 month summer exploration season. Diamond drilling and ground geophysics can be carried out on a year-round basis but may be more convenient in the winter when the ground and lakes are frozen.

HISTORY OF EXPLORATION

The area around Temagami, which includes Rib Lake, was mapped by Savage (1932) and by Moorhouse (1942). No detailed work was done on the Rib Lake area itself until 1968, when Thomson (1968) mapped the Hwy. 11 corridor in north Best Township and in south Gillies Limit Township. Most of the exploration activity was concentrated south of Gillies Limit Township, although minor prospecting has been done on the property. During 1952 Rib Lake Copper Mines explored in the vicinity of Whitney Lake and between Whitney Lake and Rib Lake, north of the Rib Lake property (Figure 3). Diamond drilling and trenching were carried out. Ni was found with disseminated pyrrhotite in sheared gabbroic rocks. Gold was found with pyrite in slightly siliceous tuff. The best assay was 1.30 oz/t Au and 0.99% Ni over 6 ft, both from the same section. During 1956 Silanco conducted geophysics (self-potential) south of Whitney Lake. In 1964 Nickel Rim had a best result of 1.244 oz/t Au. The exploration and mining activity south of Gillies Limit Township discovered Ni-Cu-PGE at the Cuniptau mine (Kanichee Mining Inc.) and Au-Ag-Cu at the Big Dan and Little Dan mines (Bennett, 1978). These are both hosted by the Temagami Greenstone Belt, which is the same greenstone belt as that covered by the Rib Lake claims.The area around Rib Lake was included in the Temagami Land Caution in 1973. No further industry work has been since that time until the present. However, the caution was lifted from Best, Strathy and Cassels townships in 1992. Barr Gold holds ground directly south of the Rib Lake claims, south of Granite Lake in Best Township. A copper-nickel-PGE occurrence is found on this property. Select samples of massive sulphide mineralization at the site were assayed and range up to 2.66% Cu, 0.157% Co,

1.63% Ni, 1.56 oz/t Ag, 0.034 oz/t Au, 0.059 oz/t Pt and 0.323 oz/t Pd. The Temagami Land Caution became open for logging and mineral exploration in mid-September 1996. Gary Dunn staked the Rib Lake claims during the ensuing staking rush. Contiguous to the north of the Rib Lake property, the Whitney Lake property was also staked during the same staking rush.

AG ARMENO MINES and MINERALS INC. acquired an option on the **RIB LAKE** property in October 1996. The Company later optioned the Whitney Lake property.

REGIONAL GEOLOGY (Figure 3)

Trans Canada Pipeline has blasted a north-south corridor through the centre of the property and along the Hwy. 11 corridor. Both have produced new rock exposures. These exposures have shown that the **RIB LAKE property** is underlain by rocks of the Abitibi subprovince of the Superior Structural Province of the Canadian Shield. More locally the Rib Lake area is probably a small extension of the Temagami Greenstone Belt which occurs approximately 6 km to the southwest. The Rib Lake area rocks have not been mapped in any detail by government geologists. *Assuming they are part of the Temagami Greenstone Belt*, they are composed of early Archean age tholeiitic and/or calcalkaline mafic to intermediate volcanic rocks. Minor mafic pyroclastics and mafic intrusions are also present. Early Archean granitic intrusions were emplaced within the volcanics. Middle Precambrian age Nipissing diabase rocks have intruded the older rocks. This unit is

AG ARMENO MINES and MINERALS INC.

RIB LAKE PROPERTY
REGIONAL GEOLOGY

Scale: 1:250,000	Date: Dec 15/97	Figure 3
NTS 31M/12	Drawn By: DJB	

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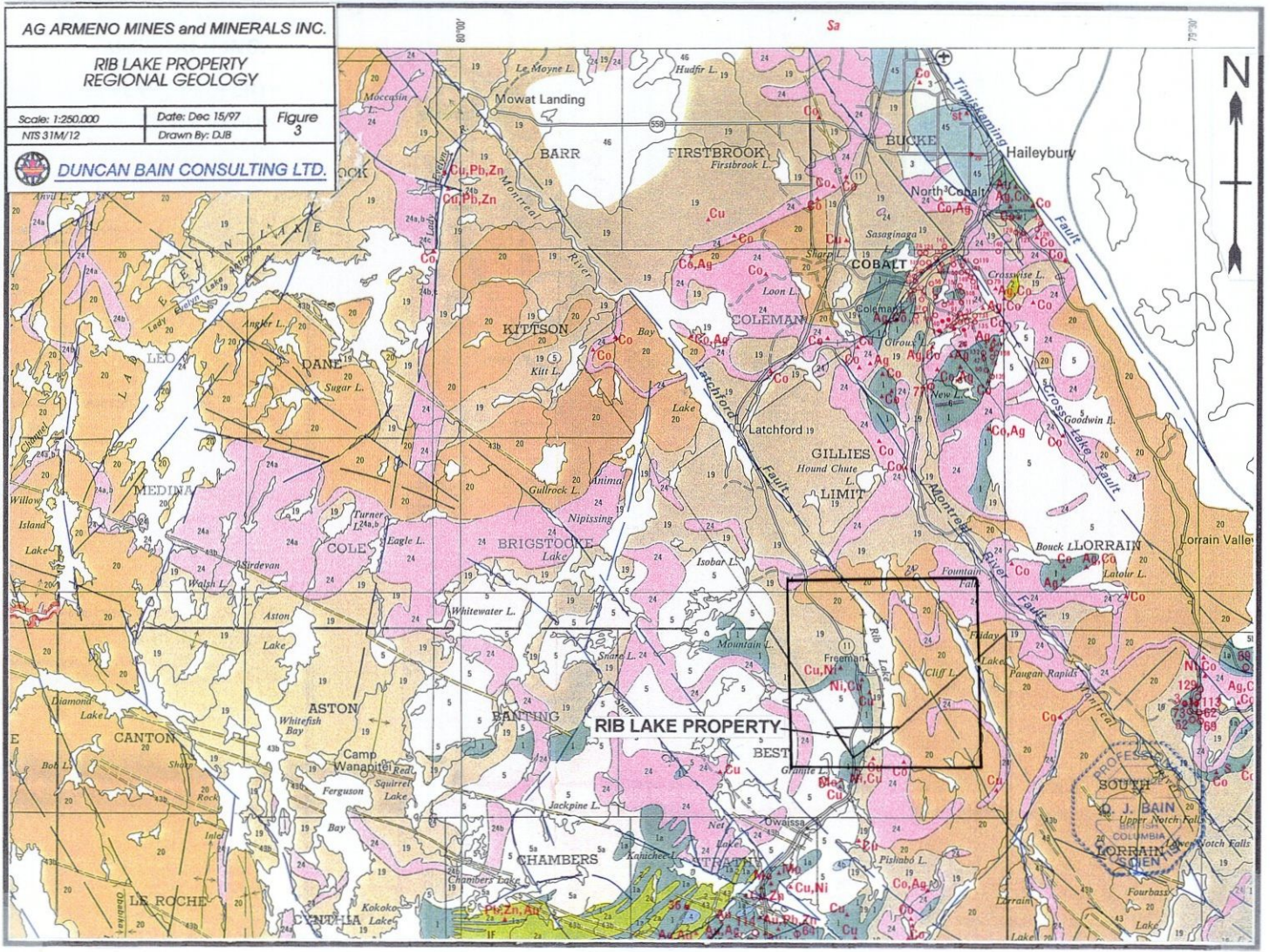

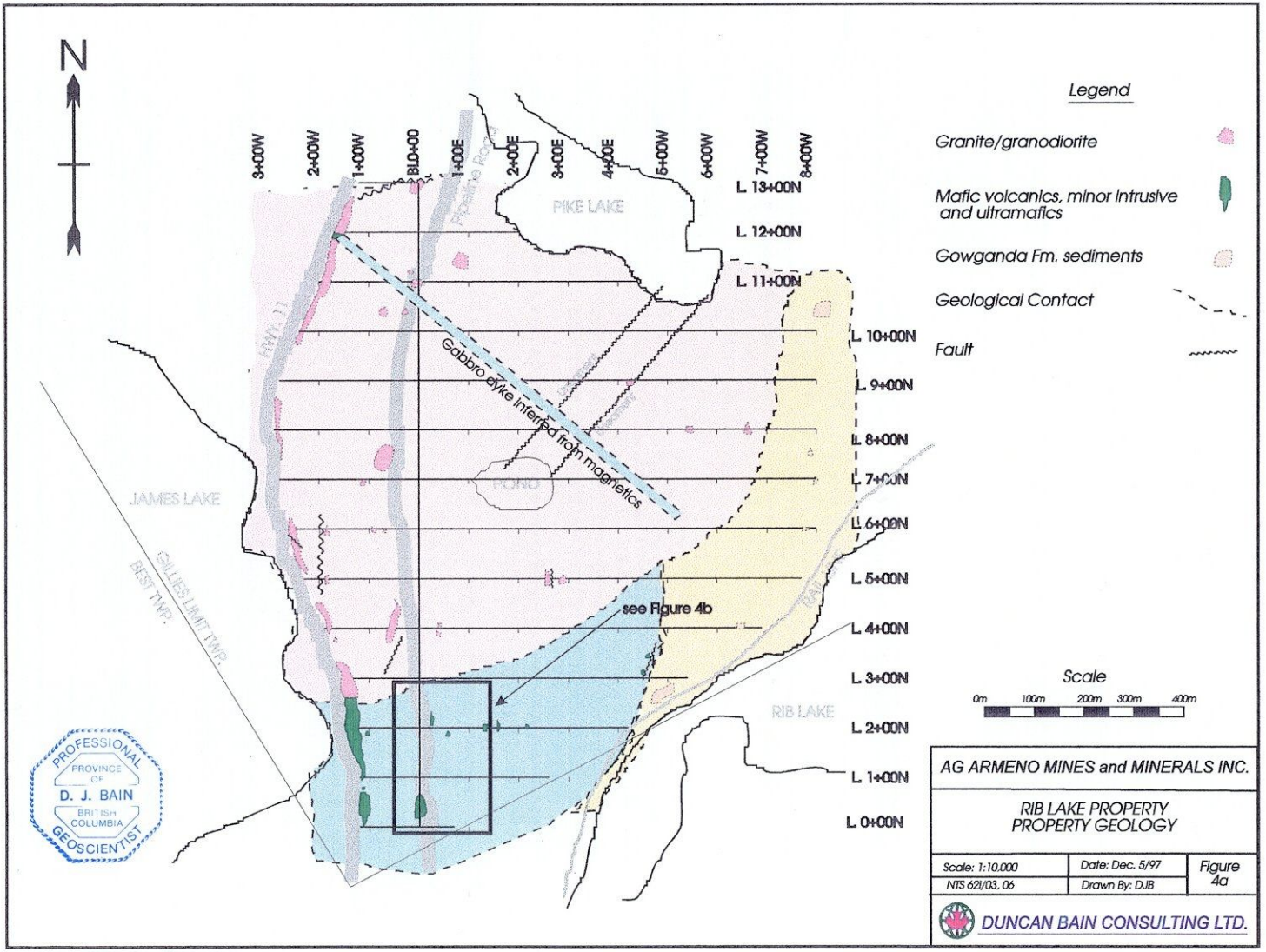
N
3+00W
2+00W
1+00W
BL0+00
1+00E
2+00E
3+00E
4+00E
5+00W
6+00W
7+00W
8+00W
L 13+00N
L 12+00N
L 11+00N
L 10+00N
L 9+00N
L 8+00N
L 7+00N
L 6+00N
L 5+00N
L 4+00N
L 3+00N
L 2+00N
L 1+00N
L 0+00N
PIKE LAKE
POND
JAMES LAKE
RIB LAKE
HWY. 11
Gabbro dyke inferred from magnetics
see Figure 4b
Legend
Granite/granodiorite
Mafic volcanics, minor intrusive and ultramafics
Gowganda Fm. sediments
Geological Contact
Fault
Scale
0m 100m 200m 300m 400m
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RIB LAKE PROPERTY
PROPERTY GEOLOGY
Scale: 1:10,000
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Date: Dec. 5/97
Drawn By: DJB
Figure 4a
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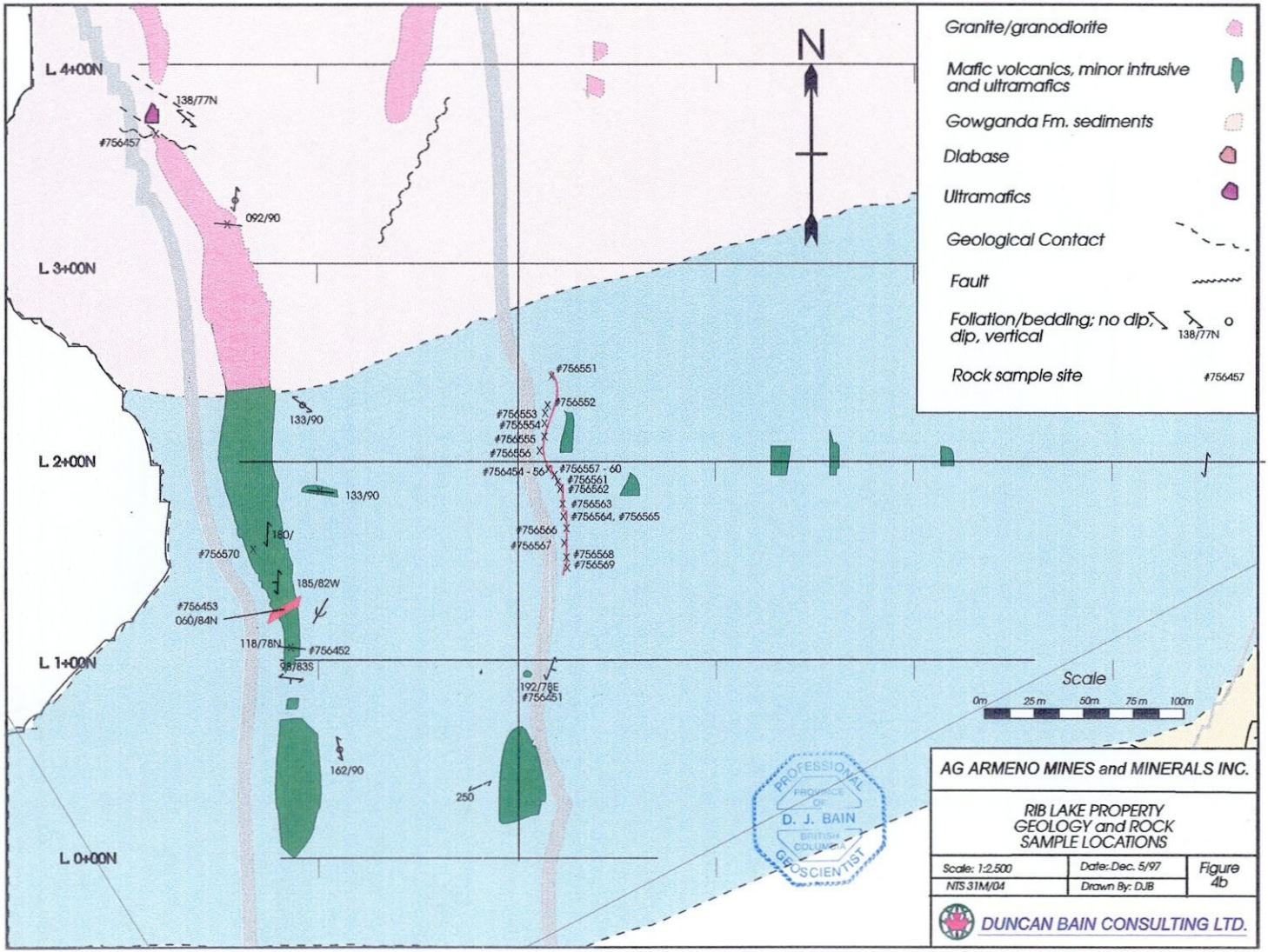
L 4+00N
L 3+00N
L 2+00N
L 1+00N
L 0+00N
N
138/77N
#756457
092/90
133/90
133/90
180/
#756570
185/82W
#756453
060/84N
118/78N
#756452
98/83S
192/78E
#756451
162/90
250
#756551
#756552
#756553
#756554
#756555
#756556
#756554 - 56
#756557 - 60
#756561
#756562
#756563
#756564, #756565
#756566
#756567
#756568
#756569
Granite/granodiorite
Mafic volcanics, minor intrusive and ultramafics
Gowganda Fm. sediments
Diabase
Ultramafics
Geological Contact
Fault
Foliation/bedding; no dip, dip, vertical
138/77N
Rock sample site
#756457
Scale
0m 25 m 50m 75 m 100m
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PROVINCE OF BRITISH COLUMBIA
D. J. BAIN
GEOSCIENTIST
AG ARMENO MINES and MINERALS INC.
RIB LAKE PROPERTY
GEOLOGY and ROCK
SAMPLE LOCATIONS
Scale: 1:2,500
NTS 31M/04
Date: Dec. 5/97
Drawn By: DJB
Figure 4b
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composed of pyroxene gabbro, minor pyroxenite, hornblende gabbro, metagabbro and amphibolite. These rocks are unconformably overlain by Proterozoic age Gowganda Formation of the Huronian Supergroup. This unit is composed of basal conglomerate, arkose and argillite. All of these rocks have since been peneplained by continental glaciation of Pleistocene time. The area is currently covered by a relatively thin (< 1 m to 10 m) layer of glacial till including boulders, cobbles, pebbles, sand, silt and clay.

Mapping of the Hwy. 11 corridor was done in 1968 by Thomson. Some mapping and prospecting was also done around Whitney Lake and east to Rib Lake (north of the Rib Lake property) by exploration companies in the area. In 1996 Gary Dunn and geologist Tracy Levey carried out prospecting, and mapping. The result of these examinations showed that the property is underlain by early Archean age mafic and felsic volcanics assumed to be part of the Temagami Greenstone belt (Figure 3, 4a). These occur in the southern quarter. They have been mapped by Thomson as gabbro but are probably thick coarse-grained mafic flows of gabbroic composition. Most of the western half of the block is underlain by granite intruding the volcanics. This intrusion cuts east across the centre and northern parts of the property almost to Rib Lake. The volcanics and granitic intrusive rocks are in contact unconformably to the east with overlying Gowganda Formation metasediments. The metasediments extend east for approximately 500 m to the property boundary along the south end of Rib Lake. Gabbro dykes and/or sills were noted during prospecting. At least one site was thought to contain ultramafic dyke rocks.

Mineralization was noted during the 1996 prospecting. This mineralization included pyrite, pyrrhotite, bornite, malachite-azurite, chalcocite and chalcopyrite. One or more of these minerals was found to be hosted by gabbro (mafic flow), by quartz veins (up to 1 m wide) within gabbro, by granite, by felsic volcanics, by silicified argillite or by ultramafic dykes and/or sills. Three samples taken in 1995 returned values of > 9999 ppm Cu. These were hosted by carbonate veins within mafic volcanics, by interflow mafic tuffs and by an ultramafic dyke.

PHASE 1 EXPLORATION

In November 1997 a Phase 1 program of exploration was carried out over the Rib Lake property. This program included linecutting, three days of mapping, a soil sampling survey, a magnetometer survey and a MaxMin EM geophysical survey. The linecutting involved a chainsaw cut N-S baseline, and chainsaw cut and picketed crosslines cut every 100 m, with 25 m stations along each crossline. Mapping was concentrated along the southern half of the grid and along the highway roadcuts. A total of 350 soil samples were taken at 25 m intervals along crosslines and baseline. A total of 30 rock samples were taken. Rock and soil samples were assayed by Chemex Labs for 32 elements by aqua regia extraction ICP (Induced Coupled Plasma). Gold and platinum-palladium were tested by Fire Assay. Assay certificates are found in Appendix 'A'. Rock and soil sample descriptions are noted in Appendix 'B'. A brief description of the magnetometer and MaxMin operating systems is found in Appendix 'C'.

Geology (Figure 4a, b)

Mapping by the author confirmed that approximately two thirds of the property is underlain by a hornblende granite to granodiorite body of Archean age intruding into older mafic/ultramafic volcanic and intrusive rocks as described above. From L. 0 to L. 2 N the west half of the grid is underlain by mafic flows and bedded mafic tuffs ranging from basalt to andesite in composition. These are dark green-grey to medium grey green in colour, and weather brown-grey to grey. The general strike of these rocks is 190° and dip is generally 80° to 90° to the east or west of vertical. A few sites at the south end of the property but on both sides of the baseline were recognized as dacite volcanics or felsic tuffs. They appear to be conformable to the main mafic units in the area. Pillows were recognized at some of the sites containing mafic rocks, striking 250°, with stretched pillows of 60 cm x 20 cm. Sites like this, with strike directions discordant to the general strike of the mafic rocks in the area suggest that tight folding has occurred after emplacement of these units, with an E-W to NE-SW trend. This is further suggested by the presence of recognizable shearing with an E-W trend crosscutting the main rock unit, and two lineaments which were found trending NE-SW through the east-central part of the grid. These units are moderately silicified and weakly to moderately chloritized. Discontinuous quartz and carbonate veinlets 1 to 5 mm wide are occasionally present, usually along foliation planes. These sometimes carry pyrite and chalcopyrite-malachite-bornite. These sulphide minerals also occur by themselves as disseminations and as discontinuous stringers along the weak foliation of the host rock. Small areas of coarse-grained dark grey to black gabbro and ultramafic intrusive (peridotite?) were noted by the

author. These appear to be mainly concordant to the foliation direction of the main mafic volcanic flows and tuffs in the area. No contacts were noted, mainly due to overburden cover. However, it is suggested that the thinness of individual mafic volcanic layers would not allow time for slow cooling and crystal growth, to produce the coarse-grained texture of the mafic/ultramafic intrusive rocks. Instead, the small size and large crystal size of these rocks suggests that they are sills and dykes intruded into the main mafic units at a later date. If an E-W to NE-SW trending series of faults is present in the area, these coarse grained mafic/ultramafic bodies may have been injected along these fractures and subsequently along a series of fractures concordant to the foliation of the enclosing rocks. Rare diabase dykes cut the main units in a NE-SE direction. A diabase dyke (or gabbro dyke) is exposed along the highway at the north end of the property. It lies vertical and strikes 130°.

In the southern third of the property, east of the baseline there is a major topographic break down a steep eastward facing slope to the rail line. This is probably the unconformity contact between the volcanics/mafic intrusives upslope and to the west and the overlying downslope Gowganda Formation conglomerate and arkose to the east.

The main area of interest is a series of subcrop boulders lying along the baseline between L.1N and L. 2N (Figure 4b). This is the area of the natural gas pipeline. These boulders are angular and fresh and lie within a few metres of their bedrock positions. They are composed of basalt and andesite flows, coarse-grained gabbro and ultramafic,

recrystallized well-bedded felsic tuffs and rhyolite flows. The mafic/ultramafic units are similar to those described above, moderately silicified, with weak to moderate chloritic alteration. The several samples of vitric, extremely siliceous layered rock suggests the presence of a recrystallized felsic unit in close proximity to its subcrop exposure. The mafic rock samples (see Sample Descriptions, Appendix 'B') contained from 3% to 10% blebby, disseminated and discontinuous stringers to 5 mm of pyrite-pyrrhotite-(chalcopyrite)-(malachite)-(azurite). These subcrop rocks appear very similar to gossanous (Fe-stained) mafic tuff and tuff breccia found 25 m to the east, along the edge of the powerline right-of-way. The recrystallized felsic "unit" was of interest as it showed significant malachite staining indicative of the presence of copper, giving the unit a potential for containing gold. Several samples from this area returned assay values of > 1% Cu (samples 756456, 756551, 756554, 756559 and 756563), and of these, three samples showed anomalous (128 to 206 ppb) though non-economic Au values. No anomalous Platinum Group metals values were noted.

The granite body was reported to contain some rusty quartz veining but the author saw no mineralization of any significance in this unit. The best exposures were found along the highway roadcut (Figure 4). Shearing occurs within this unit at 092°/90°. A contact was noted between this unit and a mafic unit along the highway. The contact area is very silicified, rusty and brecciated. It contained 3% discontinuous pyrite-(chalcopyrite stringers and minor malachite staining. From north of L. 4 N the granitic body extends east to the rail line, where bedrock exposures of Gowganda Formation conglomerates and arkose

cap it. A secondary topographic break was noted on L. 5N/2+50E through the granitic intrusive, with the downside occurring to the west.

Ice flow direction as shown by glacial striation measurements is to the SW (e.g. 225°).

Geophysics

MaxMin Survey (Figure 5a-b)

A total of 9.050 km of Horizontal Loop (MaxMin) EM was done over the Rib Lake property, with a coil spacing of 150 m and two separate frequency measurements of 444 Hz and 1777 Hz. The survey was conducted using an Apex MaxMin II unit. The results of the survey are presented in profile form on Figure 5a-b, and instrumentation is found in Appendix 'C'. The survey was inhibited by cultural noise, the pipeline, the railway line and its powerline and the highway powerline. Essentially any bedrock response from the whole west side of the grid was masked out by the highly conductive pipeline and its associated right-of-way. Two very weak responses were noted. Conductor 'A' is a one-line response coincident with a small pond. Conductor 'B' is a one-line response on L. 6+00 N/3+35 E. These two responses appear to be due to non-bedrock sources. There may be conductors that were masked by cultural "noise" west of the baseline.

Magnetometer Survey (Figure 6)

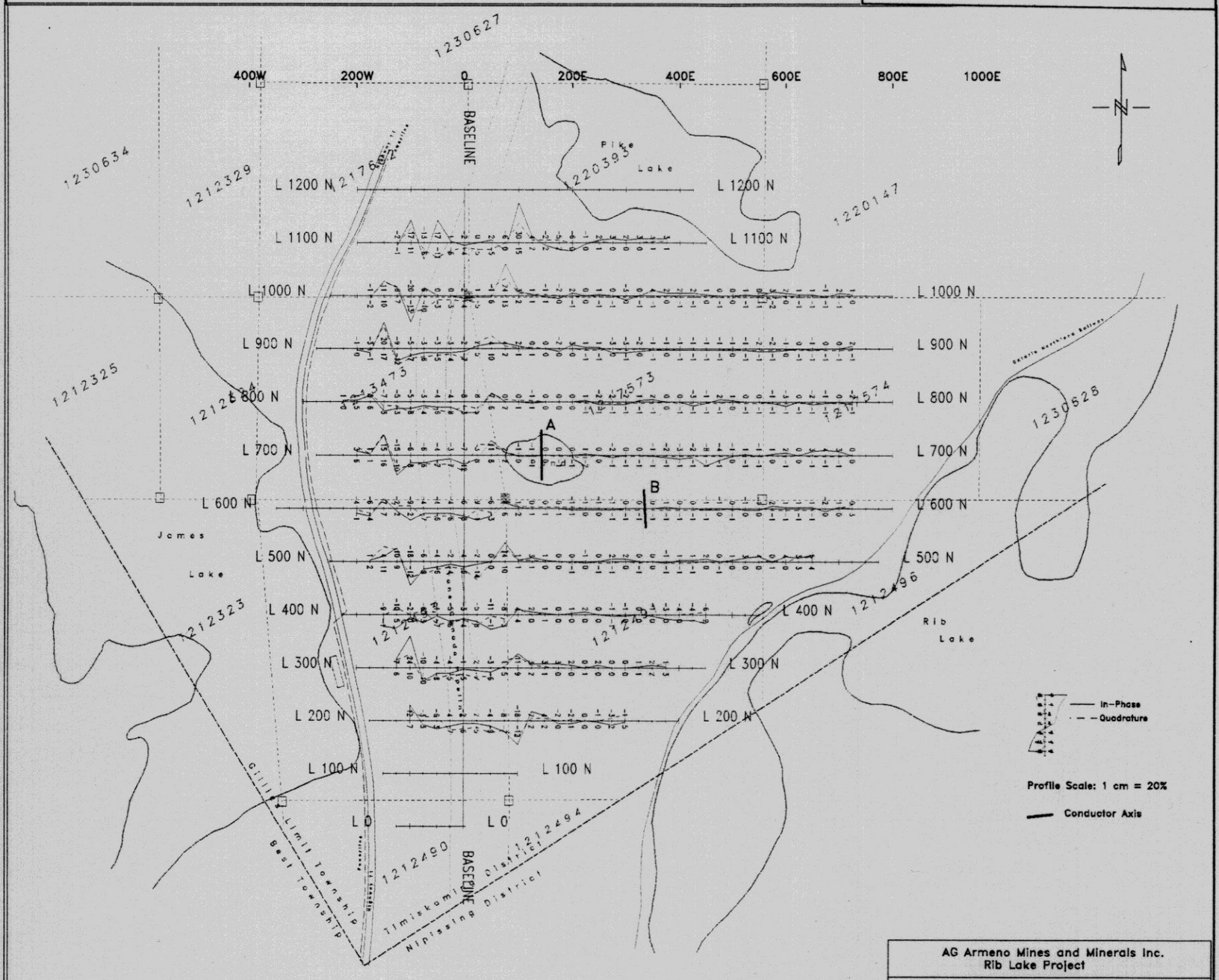
A total of 9.050 km of magnetometer survey work was done over the Rib Lake property. The survey was conducted using two mobile and one base station GSM-19 Ovfrhauser instruments. These units have a 2 nT resolution. The results of the survey are presented on Figure 6, and instrumentation is found in Appendix 'C'. Magnetic Anomaly 'A' occurs

west of the baseline from L. 2 N to L. 6 N. The initial thought is that this response is due to the pipeline, but that type of effect should extend the entire length of the property. This anomaly has been mapped as bedrock of granite composition. A small pendant of mafic/ultramafic composition may be contained within but close to the outer edge of the granite body, and may be lying close to the surface. A large magnetic high lies along the northeastern property boiundary. The magnetic response may be due to magnetite contained within the Gowganda Formation arkoses. A magnetic low lies directly over thge copper mineralization directly east of of L. 2+00N baseline.

Geochemistry
Soil Sampling Survey (Figure 7a-e)

A total of 350 soil samples were taken from the 'B' soil horizon on the Rib Lake grid. These samples were assayed by 32-element ICP for base metals, and by Fire Assay for gold. The original exploration program planned to test soils for platinum group metals, but because of the small amount of sample being used and the low response of any other associated metals such as nickel, cobalt, copper, chromium or gold, these platinum group metals were not tested for in the soils. No significant nickel (Ni), cobalt or platinum group anomalies were noted from the soil sampling program. Gold (Au) gave a background response of < 5 ppb and assayed up to 180 ppb, from isolated single sample sites (Figure 7a). Two isolated samples showed weak responses in silver (Ag) of up to 0.8 ppm with a background of 0.2 ppm. A zone of anomalous (>100 ppm) copper (Cu) is present along the baseline from 1+25N to 2+25N wher mineralized subcrop was noted. Two other isolated anomalies occur at L. 2N/0+25E and at L. 2N/3+50E. A discontinuous zone of

AG ARMENO MINES and MINERALS INC.		
RIB LAKE PROPERTY MAXMIN SURVEY -		
Scale: 1:10,000	Date: Dec 15/97	Figure 5a
NTS 31M/04	Drawn By: DJB	
DUNCAN BAIN CONSULTING LTD.		
Scale Reduced to 1:10.000		



Instruments: APEX Maxmin II – Coil Spacing 150 meters – Serial #1174

AG Armeno Mines and Minerals Inc. Rib Lake Project		
Gillies Limit South Township		
Ground Geophysical Surveys HLEM II Survey 444 Hz. – Profiles		
Data processing and interpretation by: Meegwich Consultants Inc.	Scale 1:5000	NTS 31 M/4
	November 1997	

AG ARMENO MINES and MINERALS INC.

RIB LAKE PROPERTY
MAXMIN SURVEY -

Scale: 1:10,000	Date: Dec 15/97	Figure 5b
NTS 31M/04	Drawn By: DJB	

DUNCAN BAIN CONSULTING LTD.

Scale Reduced to 1:10,000

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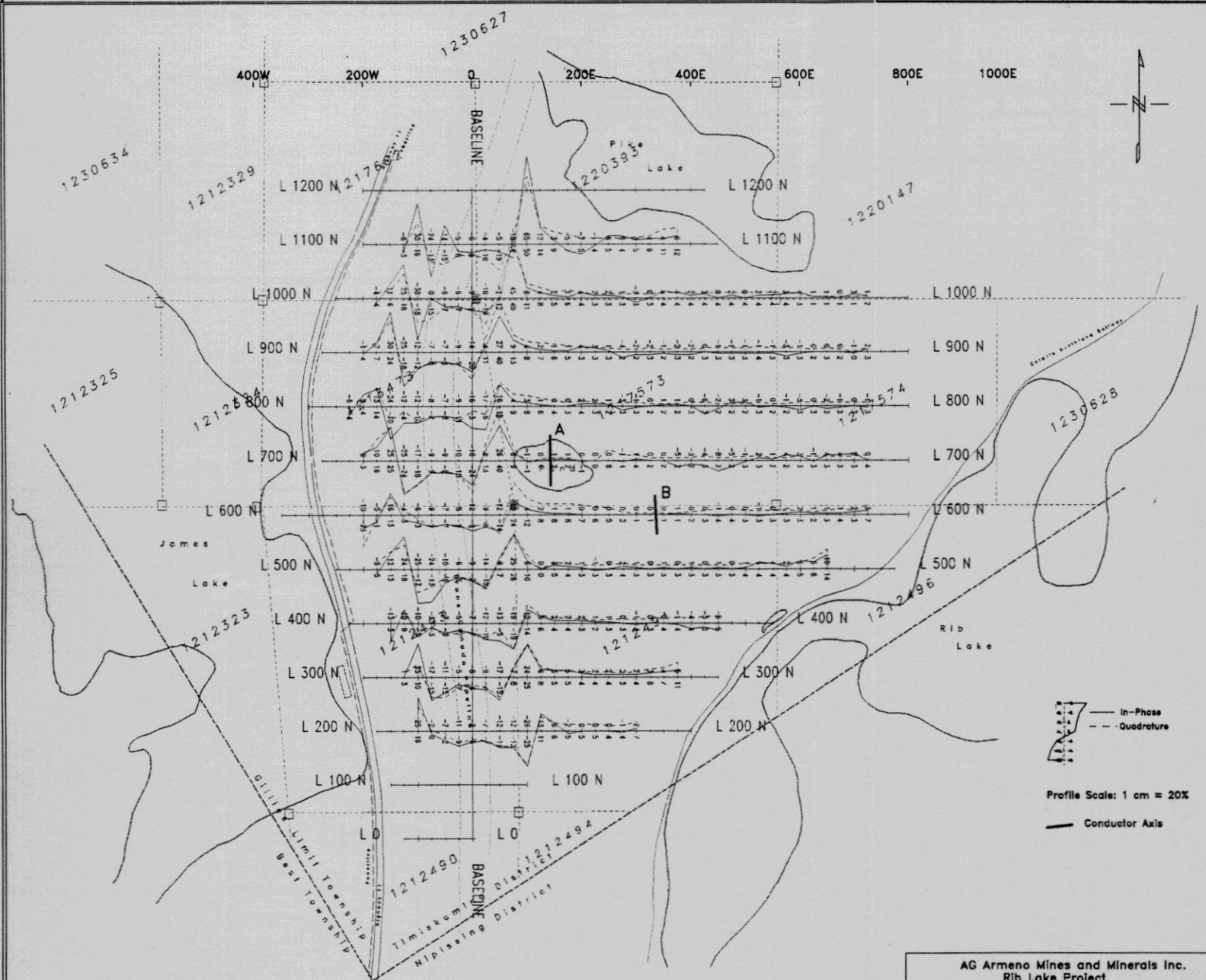
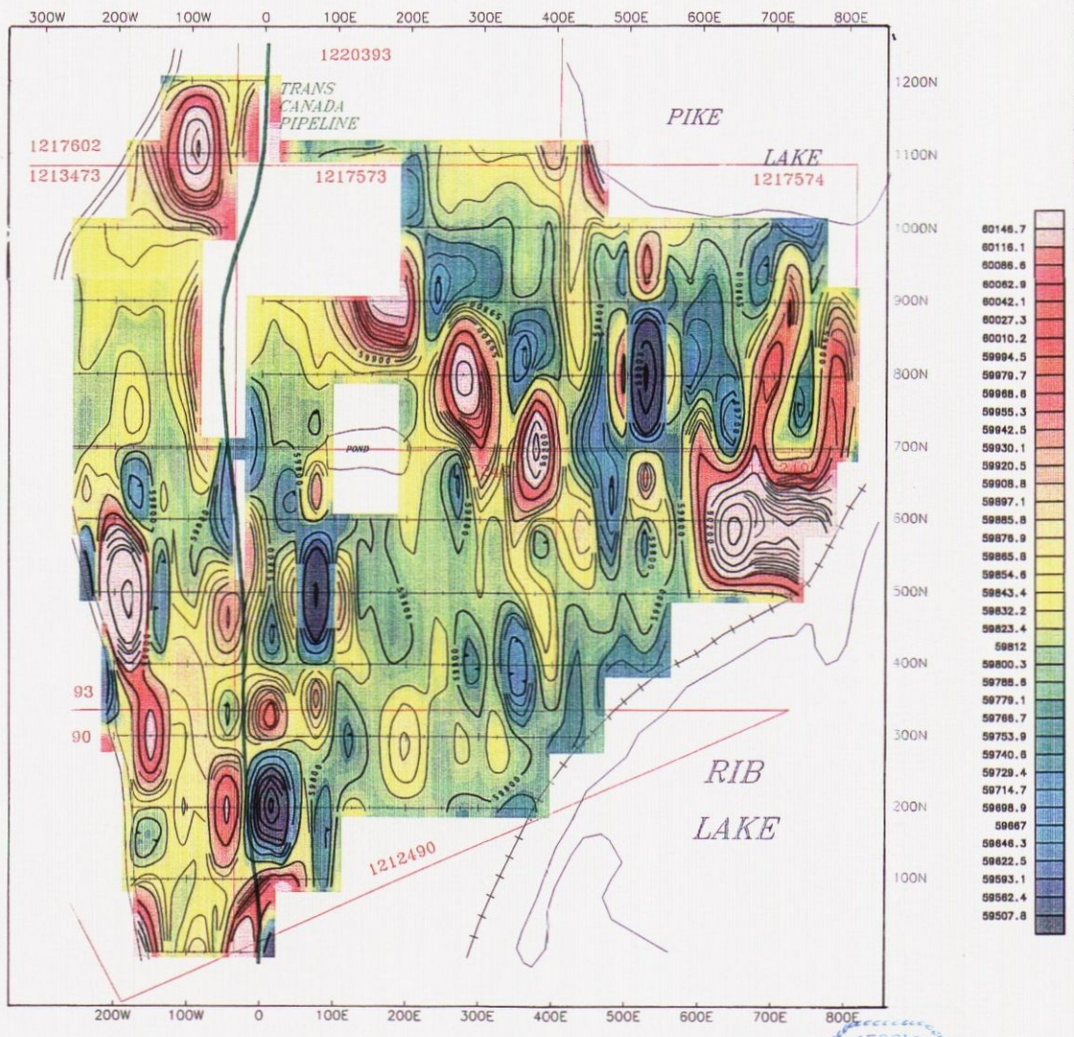


Scale 1:5000

50 0 50 100 150 200 250 300 350
(metres)

Instruments: APEX Maxmin II – Coil Spacing 150 meters – Serial #1174

AG Armeno Mines and Minerals Inc. Rib Lake Project		
Gillies Limit South Township		
Ground Geophysical Surveys HLEM II Survey 1777 Hz. – Profiles		
Data processing and interpretation by: Meegwich Consultants Inc.	Scale 1:5000	NTS 31 M/4
	November 1997	



AG ARMENO MINES and MINERALS INC

RIB LAKE PROPERTY
MAGNETOMETER SURVEY -

Scale: 1:10,000	Date: Dec 15/97	Figure 6
NTS 31M/04	Drawn By: DJB	

DUNCAN BAIN CONSULTING LTD

Scale Reduced to 1:10,000

Scale 1:5000

100 0 100 200 300
(meters)

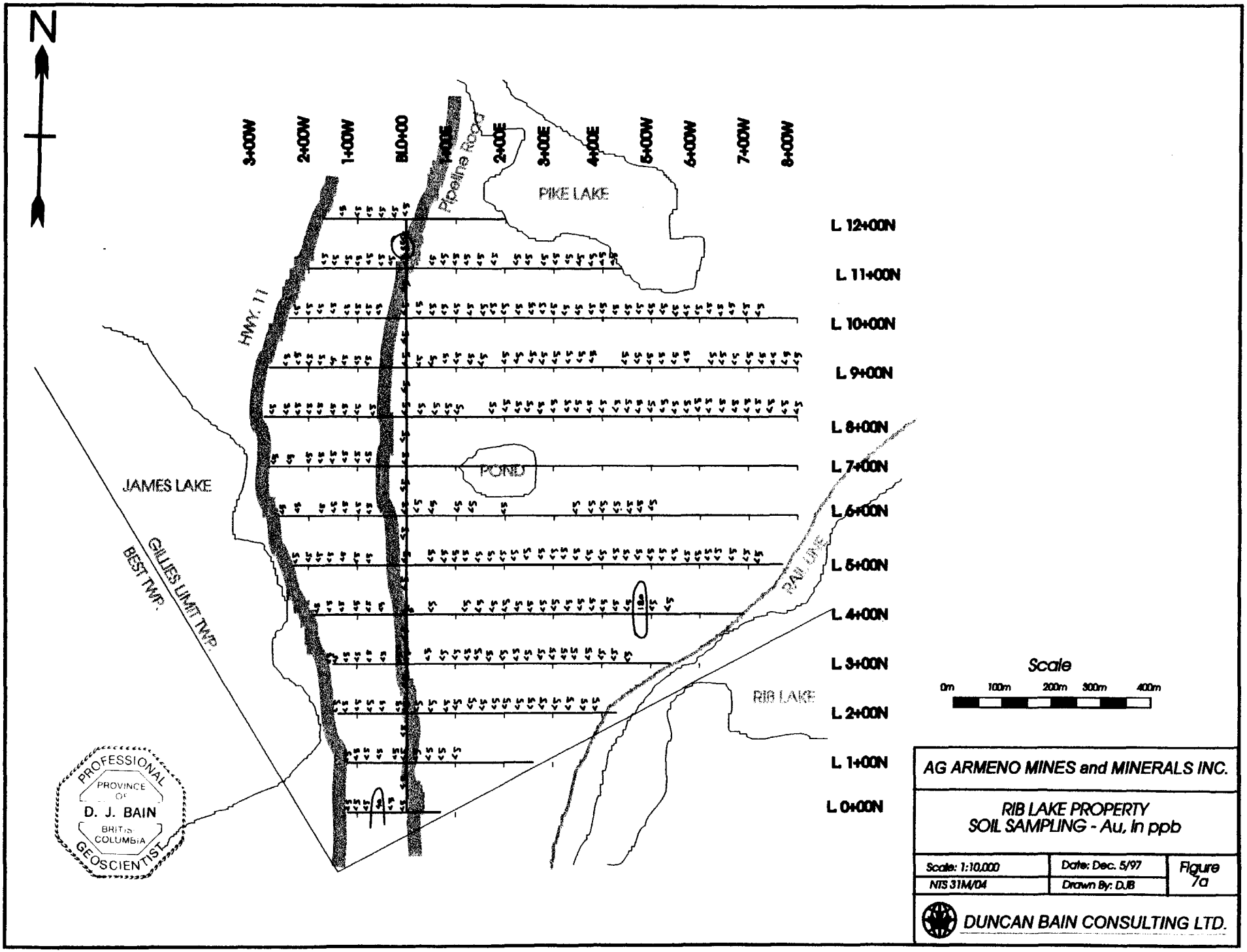
PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
D. J. BAIN

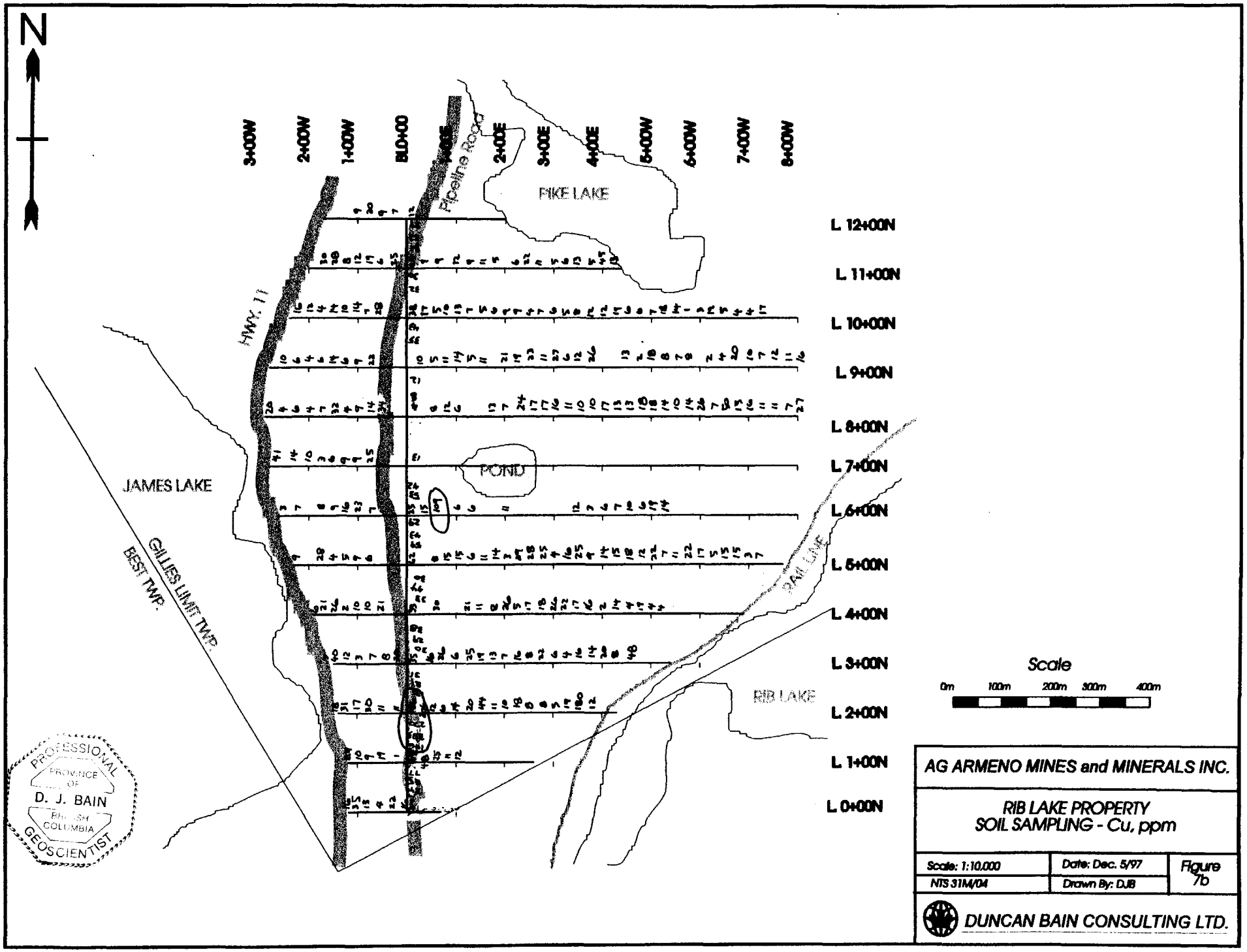
Ag Armeno Mines & Minerals Inc.

GROUND MAGNETIC SURVEY - CONTOURS
RIB LAKE PROPERTY

INSTRUMENT: GSM 19 MAGNETOMETER DATE: DEC 1997
BASE STATION CORRECTED
DRAWN BY: PRO-TECH DRAFTING - LARONGE, SASK.

GARY DUNN EXPLORATION


N
3+00W
2+00W
1+00W
BL0+00
1+00E
2+00E
3+00E
4+00E
5+00W
6+00W
7+00W
8+00W
Pipeline Road
PIKE LAKE
HWY. 11
L 12+00N
L 11+00N
L 10+00N
L 9+00N
L 8+00N
L 7+00N
L 6+00N
L 5+00N
L 4+00N
L 3+00N
L 2+00N
L 1+00N
L 0+00N
POND
JAMES LAKE
GILLIES LIMIT TWP.
BEST TWP.
RAIL LINE
RIB LAKE
PROFESSIONAL
PROVINCE OF
D. J. BAIN
BRITISH COLUMBIA
GEOSCIENTIST
Scale
0m 100m 200m 300m 400m
AG ARMENO MINES and MINERALS INC.
RIB LAKE PROPERTY
SOIL SAMPLING - Au, in ppb
Scale: 1:10,000
NTS 31M/04
Date: Dec. 5/97
Drawn By: DJB
Figure 7a
DUNCAN BAIN CONSULTING LTD.


N
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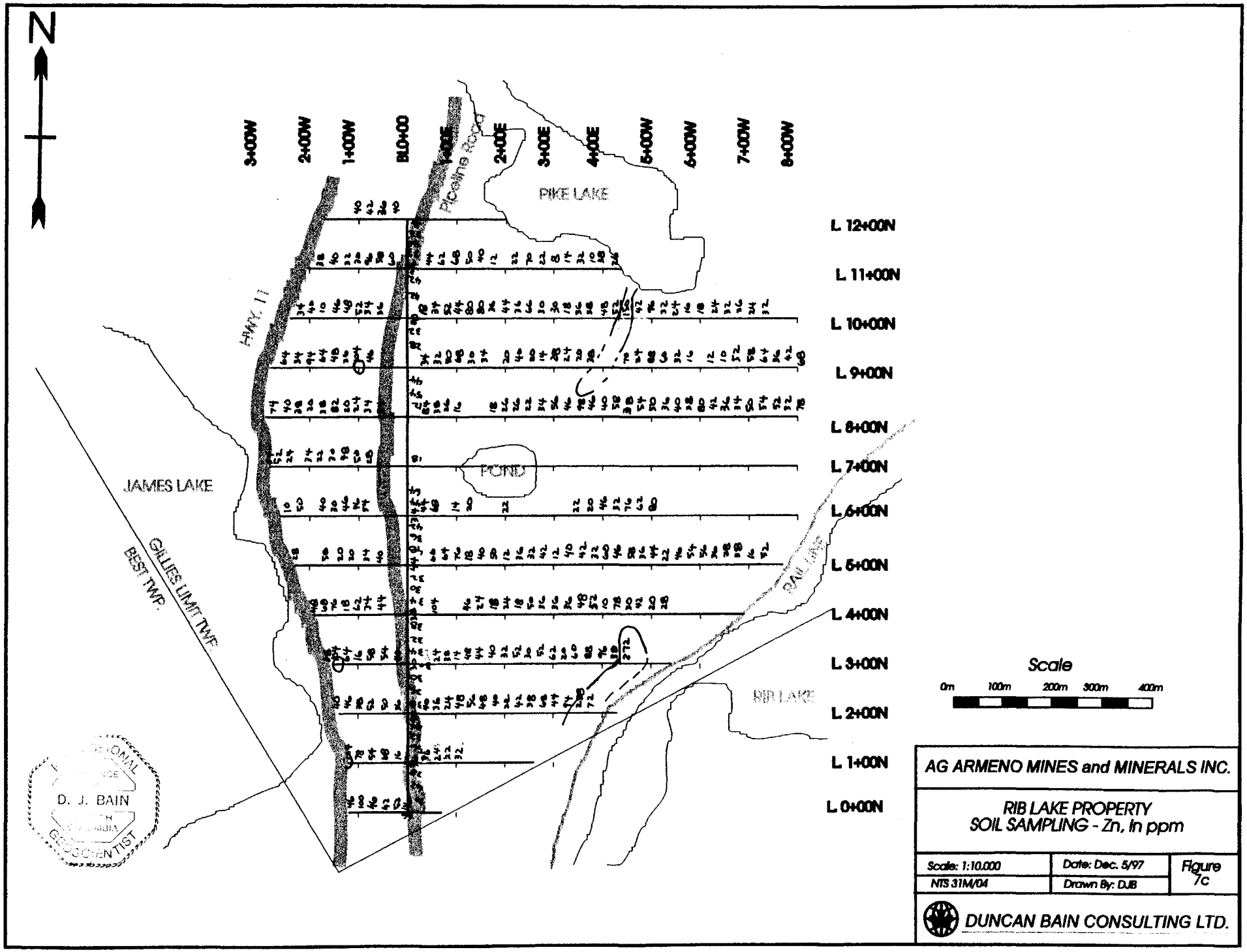
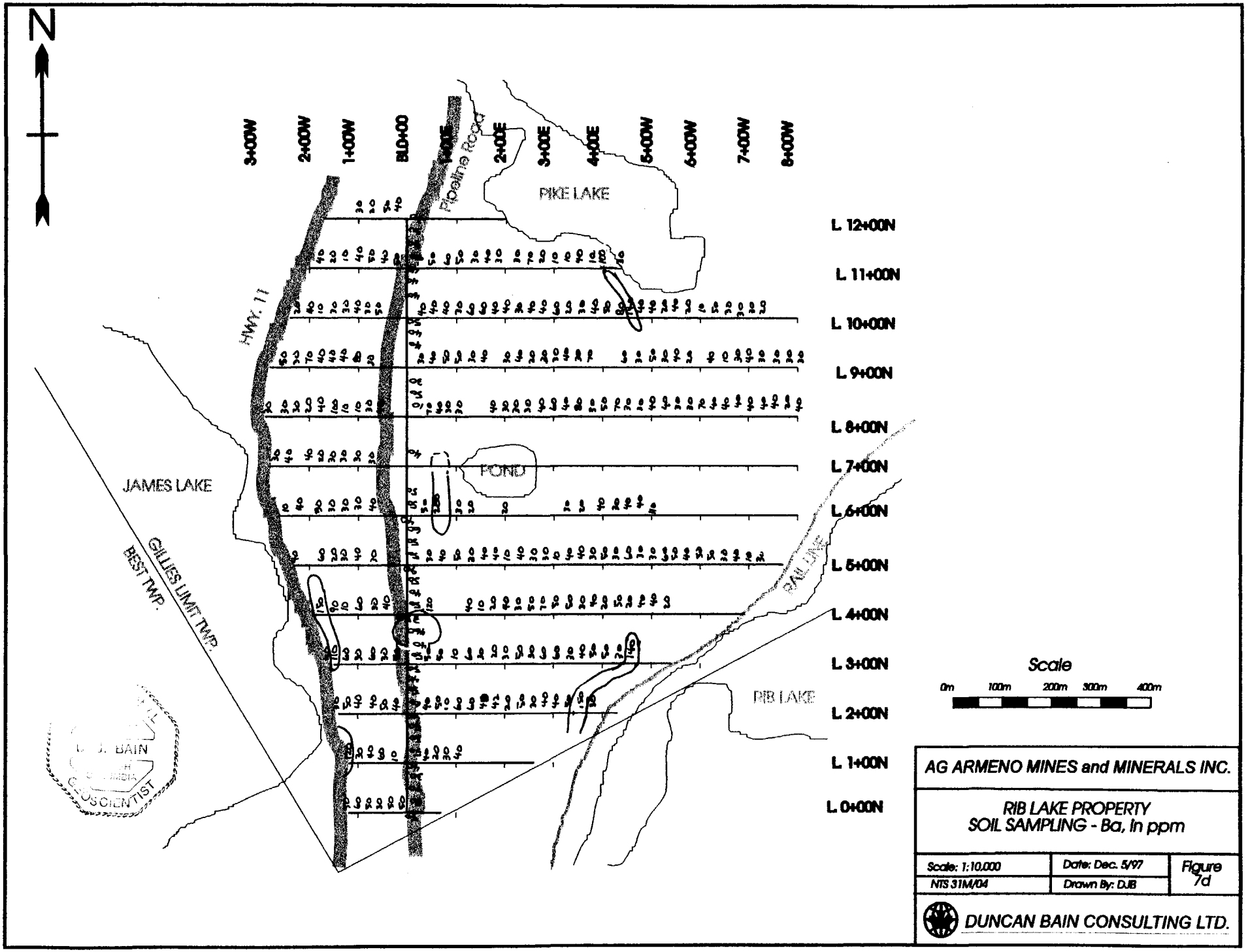
2+00W
1+00W
BL0+00
1+00E
2+00E
3+00E
4+00E
5+00W
6+00W
7+00W
8+00W
Pipeline Road
PIKE LAKE
HWY. 11
JAMES LAKE
GILLIES LIMIT TWP.
BEST TWP.
POND
RIB LAKE
L 12+00N
L 11+00N
L 10+00N
L 9+00N
L 8+00N
L 7+00N
L 6+00N
L 5+00N
L 4+00N
L 3+00N
L 2+00N
L 1+00N
L 0+00N
Scale
0m 100m 200m 300m 400m
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D. J. BAIN
GEOSCIENTIST
AG ARMENO MINES and MINERALS INC.
RIB LAKE PROPERTY
SOIL SAMPLING - Cu, ppm
Scale: 1:10,000
NTS 31M/04
Date: Dec. 5/97
Drawn By: DJB
Figure 7b
DUNCAN BAIN CONSULTING LTD.


N
3+00W
2+00W
1+00W
BL0+00
1+00E
2+00E
3+00E
4+00E
5+00W
6+00W
7+00W
8+00W
Pigeon Road
PIKE LAKE
HWY 11
JAMES LAKE
POND
GILLIES LIMIT TWP.
BEST TWP.
OAK LINE
RIB LAKE
L 12+00N
L 11+00N
L 10+00N
L 9+00N
L 8+00N
L 7+00N
L 6+00N
L 5+00N
L 4+00N
L 3+00N
L 2+00N
L 1+00N
L 0+00N
Scale
0m 100m 200m 300m 400m
D. J. BAIN
GEOSCIENTIST
AG ARMENO MINES and MINERALS INC.
RIB LAKE PROPERTY
SOIL SAMPLING - Zn, In ppm
Scale: 1:10,000
NTS 31M/04
Date: Dec. 5/97
Drawn By: DJB
Figure 7c
DUNCAN BAIN CONSULTING LTD.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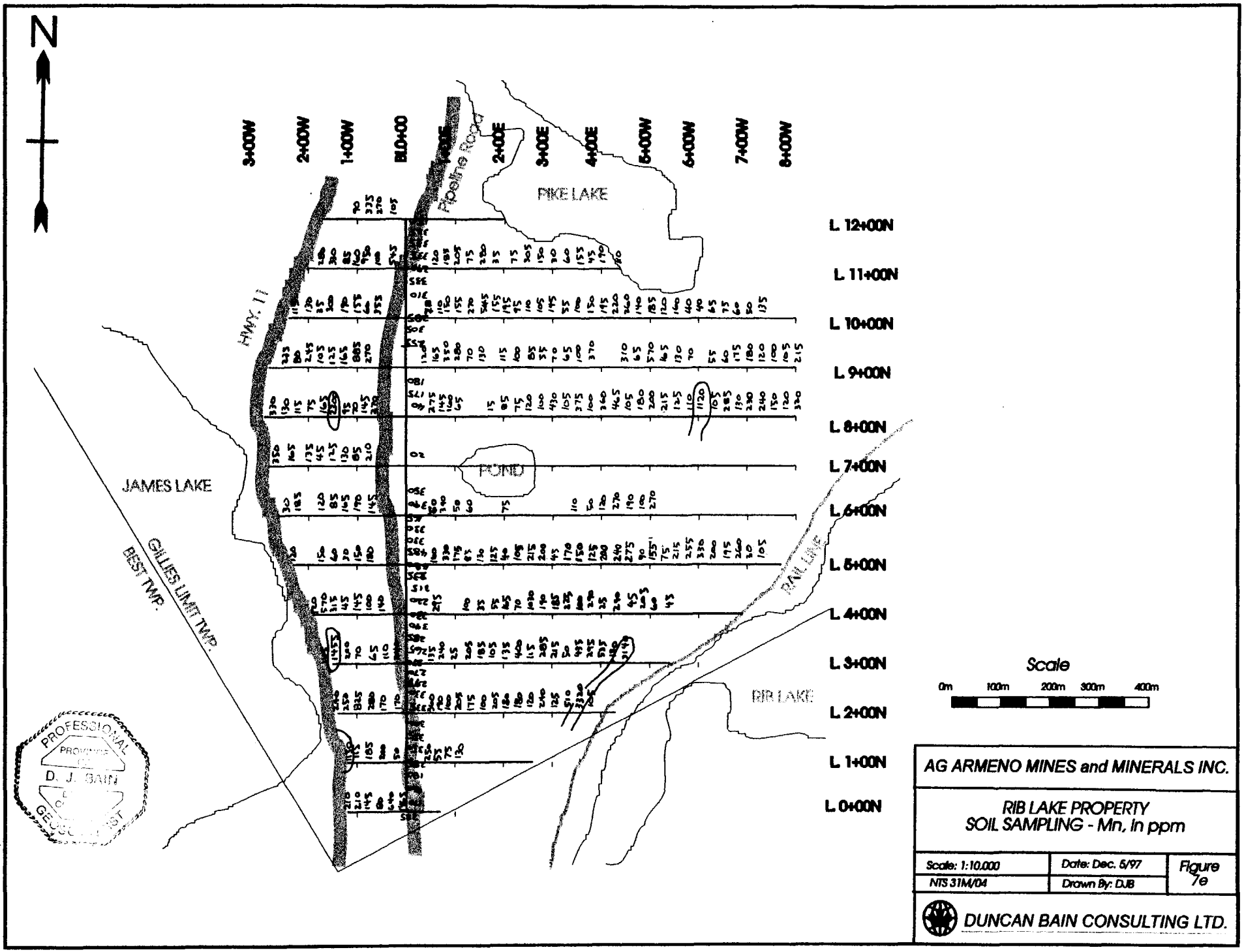
2+00W
1+00W
BL0+00
1+00E
2+00E
3+00E
4+00E
5+00W
6+00W
7+00W
8+00W
Pipeline Road
PIKE LAKE
HWY. 11
L 12+00N
L 11+00N
L 10+00N
L 9+00N
L 8+00N
L 7+00N
L 6+00N
L 5+00N
L 4+00N
L 3+00N
L 2+00N
L 1+00N
L 0+00N
POND
JAMES LAKE
GILLIES LIMIT TWP.
BEST TWP.
RAIL LINE
RIB LAKE
D. J. BAIN
GEOSCIENTIST
Scale
0m 100m 200m 300m 400m
AG ARMENO MINES and MINERALS INC.
RIB LAKE PROPERTY
SOIL SAMPLING - Ba, in ppm
Scale: 1:10,000
NTS 31M/04
Date: Dec. 5/97
Drawn By: DJB
Figure 7d
DUNCAN BAIN CONSULTING LTD.


N
3+00W
2+00W
1+00W
BL0+00
1+00E
2+00E
3+00E
4+00E
5+00W
6+00W
7+00W
8+00W
Rocha Road
PIKE LAKE
HWY. 11
JAMES LAKE
POND
GILLIES LIMIT TWP.
BEST TWP.
RAIL LAKE
RIB LAKE
L 12+00N
L 11+00N
L 10+00N
L 9+00N
L 8+00N
L 7+00N
L 6+00N
L 5+00N
L 4+00N
L 3+00N
L 2+00N
L 1+00N
L 0+00N
PROFESSIONAL
D. J. BAIN
GEOLOGIST
Scale
0m 100m 200m 300m 400m
AG ARMENO MINES and MINERALS INC.
RIB LAKE PROPERTY
SOIL SAMPLING - Mn, in ppm
Scale: 1:10,000
NTS 31M/04
Date: Dec. 5/97
Drawn By: DJB
Figure 7e
DUNCAN BAIN CONSULTING LTD.

weak (>100 ppm) zinc (Zn) is found extending from L. 0+00N/1+00W to L. 3+00W/1+50W, and at L. 9+00N/1+00W, both in close proximity to the highway. A similar discontinuous zones occurs from L. 2+00N/3+50E to L. 4+00N/4+50E, and at L. 10+00N/4+50E. An isolated Zn anomaly is found at L. 4+00N/0+50E. It is of some interest that a weak barium (Ba) anomaly follows the zinc anomaly from L. 1+00N/1+25W to L. 4+00N/1+75W and at L. 8+00N/1+50W. A barium anomaly is also present on the baseline from 3+50N to 4+00N, and from L. 2+00N/3+50E to L. 3+00N/4+50E, and at L.4+00N/0+50E. There appears to be a definite correlation between zinc and barium anomalies on this grid. A similar association appears to occur with manganese (Mn) and zinc, as there are anomalous (>1000 ppm Mn) occurring at L. 0+00N/0+00W to L. 3+00N/1+50W, and at L. 8+00N/1+50W, and from L. 2+00N/3+50E to L. 4+00W/2+50E. This Zn-Ba-Mn anomaly may be due to some narrow sphalerite (Zn) mineralized horizon o r stringers within the mafic volcanic rocks at the south end of the grid. Vein-hosted Zn mineralization may also be present within the granitic rocks. It is interesting to note that a magnetic anomaly occurs in close proximity to the Zn-Ba-Mn zone west of the baseline and a lineament, assumed to be a fault, was noted in the area of L. 10+00N/4+50E. None of the values reported above for various base and precious metals are highly anomalous.

DISCUSSION

The Rib Lake property has been explored by mapping, soil sampling and EM and magnetic geophysics in November 1997. This work confirmed the presence of copper mineralization of up to 1.64% Cu from selected samples taken from subcrop (in close

proximity to their source) of mafic volcanics, gabbro and ultramafic dykes and sills. Isolated weak copper and gold anomalies were noted from a soil sampling program conducted on the property. These can be related to mineralization known to be present in the mafic/ultramafics package of rocks. However two single site Au soil anomalies occur on ground that overlies a granite-granodiorite body intruding into the older rocks. Weak Zn-Ba-Mn anomalies are also present, occurring over the granitic rocks, and in association with magnetic anomalies and lineaments. The magnetic signature may be due to magnetite associated with the Zn-Ba-Mn mineralization along north and northeast trending faults. It is the author's opinion that because these Zn-Ba-Mn targets are weak and discontinuous, and cannot be related to EM anomalies they do not warrant immediate trenching or drilling. The pipeline on the property prevents surface trenching of the copper mineralization located at the southern end of the property. It should be tested at depth.

CONCLUSIONS

The Rib Lake property was optioned by **AG ARMENO MINES and MINERALS INC.** in October 1996. The bedrock underlying the property is probably part of the Temagami Greenstone Belt. It contains mafic and minor recrystallized felsic volcanic flows and tuffs. These volcanics appear to have been intruded by gabbro and ultramafic sills and dykes. All of these rocks are similar to those which host copper-nickel-platinum-palladium-gold showings and deposits a few kilometres to the south, and to the northwest. Copper mineralization is present and has assayed up to 1.64% Cu from select samples of subcrop in very close proximity to their bedrock source. Minor gold is present with the

copper, but there is no significant associated nickel, cobalt or Platinum Group mineralization. Two-thirds of the property is underlain by a granite-granodiorite body which has absorbed the older volcanics and mafic/ultramafic intrusives. A weak zinc-barium-manganese anomaly overlies this granitic body and extends into the older volcanic and mafic/ultramafic intrusive rocks. These may be associated with faulting on the property. Only weak single-line EM anomalies have been noted, partly due to interference from the pipeline and powerlines in the area. Magnetic anomalies appear associated with the zinc-barium-manganese anomalies, possibly due to the presence of magnetite. The copper-(gold) mineralization should be tested at depth.

RECOMMENDATIONS

The Rib Lake property contains copper mineralization. This target needs to be tested at depth for its grade and extent of mineralization. It is proposed that a Phase 2 program be implemented. This program would consist of the diamond drilling of 2 holes for a total of 160 m. The cost of this Phase 2 program is $25,000.

PROPOSED BUDGET

Phase 2 Program	Cost
- diamond drilling, 2 holes totalling a minimum of 160 m at $85/m	$15,300
- mobilization/demobilization of drill; to/from Rib Lk project to/from Whitney Lk project	$1,500
- drill supervision, 9 days at $350/day; includes logging core, sampling	$3,150
- accommodation, meals and vehicle rental, 9 days, including travel time, at $100/day	$900
- assaying, minimum 20 samples, for 30 element ICP + Fire Assay for gold and Platinum Group Metals	$600
- 12 copies of report	$1,500
- GST on $22,950	$1,600
- contingencies	$450
TOTAL ESTIMATED COST, PHASE 2 PROGRAM	$25,000

BIBLIOGRAPHY

Bennett, G. (1978); Geology of the Northeast Temagami Area, District of Nipissing; Ontario Geological Survey Geological Report 163

Dunn, G.C. (1996): Prospecting and Sampling, Crown Land, Rib Lake Area, Ontario; OPAP submission, 1995

Moorehouse, W.W. (1942): The Northeastern Portion of the Temagami Lake Area; Ont. Dep. Mines, Vol. 51, Pt. 6

O.G.S. (1994): Report of Activities 1994 Resident Geologists; Ontario Geological Survey Open File Report 5941, p. 222-228

O.G.S. (1973): Precambrian Geology, Timmins-Kirkland Lake; Ont. Dept. Mines Map 2205, Compilation Series, 1"=4 miles

Thomson, R. (1968): Geology Adjacent to Highway 11 in Best Township and the South Part of Gillies Limit Township, District of Nipissing and Timiskaming; Ont. Dept. Mines Open File Report 5016

CERTIFICATE OF QUALIFICATIONS

I, DUNCAN JAMES BAIN, of the CITY of LONDON, in the PROVINCE of ONTARIO, do herein certify that:

I am a Consulting Geologist and reside in the City of London, Ontario.

I graduated from the University of Western Ontario in London, Ontario, and received my Bachelor of Science degree in Geology in 1977.

I have practised continuously as an exploration, development and mine geologist from that time until the present.

I am a Fellow of the Geological Association of Canada.

I am a Professional Geoscientist (P.Geo) of the Association of Professional Engineers and Geoscientists of British Columbia.

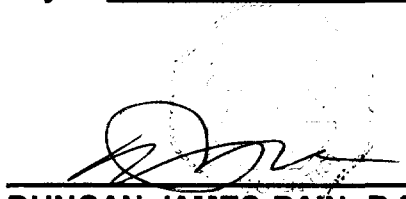
This report is based on a study of all information made available to me, both published and unpublished.

I was on the Rib Lake property from November 4 to November 11, 1997.

I have no interest, either direct or indirect, nor do I expect to receive any interest, either direct or indirect, in the securities of the company or any of its affiliates.

I consent to the use of this report in a Prospectus or Statement of Materials Facts.

DATED in the CITY of LONDON, in the PROVINCE of ONTARIO, this 15th **day of** December **199**7**.**



DUNCAN JAMES BAIN, B.Sc., F.G.A.C., P.Geo.
Consulting Geologist
DUNCAN BAIN CONSULTING LTD.

APPENDIX 'A' - ASSAY CERTIFICATES

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD. *

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Page Number :1-A
Total Pages :1
Certificate Date: 23-NOV-97
Invoice No. :I9750577
P.O. Number :
Account :LFV

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A9750577

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
756451	205	226	6	< 5	2	0.2	2.05	2	< 10	< 0.5	< 2	0.49	0.5	31	91	941	4.37	< 10	1	0.01	< 10
756452	205	226	6	5	8	0.4	2.90	< 2	< 10	< 0.5	< 2	1.91	2.0	43	102	672	5.53	10	< 1	0.01	< 10
756453	205	226	16	< 5	< 2	0.6	0.54	4	< 10	< 0.5	< 2	2.58	0.5	23	189	1020	2.40	< 10	< 1	0.01	< 10
756454	205	226	22	10	14	1.4	1.44	4	10	< 0.5	< 2	0.96	1.0	18	252	5100	2.78	< 10	< 1	0.12	30
756455	205	226	< 2	10	12	< 0.2	3.45	32	< 10	< 0.5	< 2	0.54	< 0.5	94	271	620	8.63	10	< 1	0.01	< 10
756456	205	226	128	< 5	12	3.2	1.06	6	< 10	< 0.5	Intf*	0.73	3.0	94	131	>10000	7.09	< 10	< 1	0.05	< 10
756457	205	226	< 2	< 5	< 2	0.2	0.38	8	10	< 0.5	2	0.06	< 0.5	6	192	369	0.99	< 10	< 1	0.03	< 10
756458	205	226	< 2	5	10	< 0.2	1.64	< 2	30	< 0.5	< 2	0.76	< 0.5	17	138	96	2.25	< 10	< 1	0.11	< 10
756459	205	226	< 2	5	6	< 0.2	2.26	< 2	30	< 0.5	< 2	0.86	< 0.5	19	195	27	4.26	< 10	< 1	0.03	< 10
756460	205	226	< 2	< 5	< 2	< 0.2	1.13	6	30	< 0.5	< 2	0.17	< 0.5	8	397	275	1.59	< 10	< 1	0.11	10
756551	205	226	206	10	24	5.8	2.85	2	< 10	< 0.5	Intf*	0.56	4.0	66	367	>10000	7.23	< 10	< 1	0.05	< 10
756552	205	226	40	10	28	3.2	3.23	104	< 10	< 0.5	< 2	0.76	0.5	191	186	6520	9.47	10	< 1	0.01	< 10
756553	205	226	8	< 5	4	1.0	1.59	32	< 10	< 0.5	< 2	5.95	0.5	70	102	3040	4.93	< 10	< 1	< 0.01	< 10
756554	205	226	72	5	12	4.8	1.62	40	< 10	< 0.5	Intf*	0.85	1.5	152	187	>10000	8.05	< 10	< 1	< 0.01	< 10
756555	205	226	12	10	4	0.2	1.37	6	20	< 0.5	< 2	0.50	0.5	17	208	1420	2.11	< 10	< 1	0.23	< 10
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756557	205	226	72	10	14	1.8	1.12	8	< 10	< 0.5	< 2	0.97	1.5	124	133	5800	7.42	< 10	< 1	0.07	< 10
756558	205	226	54	< 5	10	2.6	1.15	10	< 10	< 0.5	< 2	0.57	1.5	98	128	7430	7.26	< 10	< 1	0.06	< 10
756559	205	226	164	< 5	12	3.6	1.67	2	10	< 0.5	Intf*	0.52	2.0	62	111	>10000	5.33	< 10	< 1	0.03	< 10
756560	205	226	8	< 5	6	1.4	2.12	< 2	< 10	< 0.5	< 2	0.82	0.5	42	163	6030	5.37	< 10	< 1	0.01	< 10
756561	205	226	< 2	10	6	< 0.2	0.59	< 2	10	< 0.5	< 2	0.37	0.5	10	174	567	0.89	< 10	< 1	0.17	< 10
756562	205	226	10	5	10	0.2	1.97	< 2	10	< 0.5	< 2	0.71	0.5	21	135	1530	4.15	< 10	< 1	0.03	< 10
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756564	205	226	10	10	10	0.6	0.78	2	10	< 0.5	< 2	0.37	0.5	14	261	2050	1.28	< 10	< 1	0.15	< 10
756565	205	226	8	10	6	2.0	0.91	8	10	< 0.5	< 2	0.29	0.5	18	223	4750	1.86	< 10	< 1	0.15	< 10
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756569	205	226	20	< 5	4	1.6	0.72	36	< 10	< 0.5	< 2	0.19	1.0	74	206	5610	3.39	< 10	< 1	0.05	< 10
756570	205	226	< 2	< 5	< 2	< 0.2	1.91	< 2	< 10	< 0.5	< 2	3.35	0.5	30	89	238	4.64	< 10	< 1	0.02	< 10

CERTIFICATION: _____

* INTERFERENCES: Cu on Bi and P

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD. *

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
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Page Number : 1-B
Total Pages : 1
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Invoice No. : I9750577
P.O. Number :
Account : LFV

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A9750577

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
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756452	205	226	2.16	625	< 1	< 0.01	117	230	< 2	< 2	4	8	0.19	< 10	< 10	105	< 10	352
756453	205	226	0.77	460	5	0.01	52	30	8	< 2	5	41	< 0.01	< 10	< 10	29	< 10	44
756454	205	226	0.78	260	1	0.07	113	750	24	< 2	13	30	0.17	< 10	< 10	96	< 10	48
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756457	205	226	0.21	90	6	0.05	39	110	2	< 2	< 1	3	< 0.01	< 10	< 10	7	< 10	40
756458	205	226	1.36	405	1	0.06	72	170	< 2	< 2	4	16	0.09	< 10	< 10	44	< 10	52
756459	205	226	1.71	635	< 1	0.05	104	240	2	< 2	5	37	0.18	< 10	< 10	69	< 10	74
756460	205	226	1.06	255	< 1	0.05	72	530	< 2	< 2	3	11	< 0.01	< 10	< 10	28	< 10	38
756551	205	226	1.43	725	2	< 0.01	520	Intf*	< 2	< 2	18	21	0.14	< 10	< 10	532	< 10	146
756552	205	226	2.33	580	< 1	0.04	189	1070	6	< 2	6	35	0.10	< 10	< 10	101	< 10	68
756553	205	226	1.22	445	1	0.01	33	50	8	< 2	2	24	0.05	< 10	< 10	46	< 10	26
756554	205	226	0.83	255	2	0.01	163	Intf*	< 2	< 2	6	96	0.20	< 10	< 10	61	< 10	42
756555	205	226	0.78	325	< 1	0.03	116	400	2	< 2	9	6	0.15	< 10	< 10	78	< 10	56
756556	205	226	1.18	410	< 1	0.07	93	150	< 2	< 2	6	14	0.15	< 10	< 10	67	< 10	50
756557	205	226	0.65	270	59	0.05	230	410	4	< 2	7	17	0.10	< 10	< 10	56	< 10	94
756558	205	226	0.67	240	38	0.04	193	400	6	< 2	5	10	0.07	< 10	< 10	49	< 10	108
756559	205	226	1.16	350	1	0.04	234	Intf*	< 2	< 2	6	12	0.07	< 10	< 10	49	< 10	150
756560	205	226	1.46	480	< 1	0.03	100	200	< 2	2	3	13	0.08	< 10	< 10	61	< 10	62
756561	205	226	0.21	95	< 1	0.04	68	60	< 2	< 2	9	3	0.21	< 10	< 10	75	< 10	22
756562	205	226	1.49	440	< 1	0.08	56	220	< 2	< 2	6	6	0.16	< 10	< 10	72	< 10	48
756563	205	226	0.36	155	5	0.04	69	Intf*	62	< 2	12	7	0.21	< 10	< 10	81	< 10	78
756564	205	226	0.32	155	4	0.05	61	130	6	< 2	6	11	0.21	< 10	< 10	80	< 10	26
756565	205	226	0.43	165	5	0.04	81	120	4	< 2	16	9	0.17	< 10	< 10	98	< 10	24
756566	205	226	1.10	450	< 1	0.07	143	830	< 2	2	10	24	0.14	< 10	< 10	74	< 10	84
756567	205	226	0.37	145	2	0.06	88	50	22	< 2	16	3	0.16	< 10	< 10	149	< 10	68
756568	205	226	0.68	305	1	0.04	115	160	2	< 2	17	7	0.21	< 10	< 10	191	< 10	60
756569	205	226	0.34	115	3	0.04	194	10	2	< 2	11	2	0.17	< 10	< 10	155	< 10	30
756570	205	226	1.03	545	< 1	< 0.01	54	900	2	< 2	6	21	0.22	< 10	< 10	78	< 10	48

CERTIFICATION:_____

* INTERFERENCES: Cu on Bi and P

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD.

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Page Number :1
Total Pages :1
Certificate Date: 22-NOV-97
Invoice No. :19751378
P.O. Number :
Account :LFV

CERTIFICATE OF ANALYSIS A9751378

SAMPLE	PREP CODE		Cu %
756456	244	--	1.14
756551	244	--	1.64
756554	244	--	1.57
756559	244	--	1.57
756563	244	--	1.03

CERTIFICATION: Said Leimad

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Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD.

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Certificate Date: 23-NOV-97
Invoice No. : 19750578
P.O. Number :
Account : LFV

CERTIFICATE OF ANALYSIS A9750578

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L00 00+00W	201	202	< 1	< 0.01	20	280	8	< 2	1	15	0.07	< 10	< 10	37	< 10	46
L00 00+25W	201	202	< 1	< 0.01	24	250	10	< 2	3	18	0.10	< 10	< 10	32	< 10	52
L00 00+50W	201	202	< 1	< 0.01	8	210	10	2	1	12	0.11	< 10	< 10	45	< 10	42
L00 00+75W	201	202	< 1	< 0.01	28	310	6	< 2	3	16	0.12	< 10	< 10	39	< 10	46
L00 01+00W	201	202	< 1	< 0.01	37	520	10	2	3	16	0.11	< 10	< 10	47	< 10	100
L00 01+25W	201	202	1	< 0.01	9	150	8	< 2	1	18	0.08	< 10	< 10	22	< 10	46
L01N 00+25W	201	202	< 1	< 0.01	3	180	2	< 2	1	11	0.08	< 10	< 10	29	< 10	16
L01N 00+50W	201	202	< 1	< 0.01	37	390	8	< 2	3	15	0.09	< 10	< 10	40	< 10	68
L01N 00+75W	201	202	1	< 0.01	21	310	12	< 2	3	15	0.10	< 10	< 10	35	< 10	54
L01N 01+00W	201	202	< 1	< 0.01	17	450	10	2	2	15	0.10	< 10	< 10	43	< 10	78
L01N 01+25W	201	202	2	< 0.01	46	530	22	< 2	3	14	0.06	< 10	< 10	37	< 10	104
L01N 01+50W	201	202	< 1	< 0.01	20	230	8	< 2	3	23	0.13	< 10	< 10	42	< 10	68
L02N 00+25W	201	202	< 1	< 0.01	23	180	6	< 2	3	19	0.11	< 10	< 10	42	< 10	36
L02N 00+50W	201	202	< 1	< 0.01	22	620	10	< 2	2	18	0.13	< 10	< 10	50	< 10	50
L02N 00+75W	201	202	< 1	< 0.01	25	490	6	< 2	3	16	0.10	< 10	< 10	34	< 10	52
L02N 01+00W	201	202	< 1	< 0.01	17	310	16	2	1	16	0.09	< 10	< 10	26	< 10	38
L02N 01+25W	201	202	< 1	< 0.01	28	680	8	< 2	4	16	0.12	< 10	< 10	51	< 10	46
L02N 01+50W	201	202	< 1	< 0.01	20	360	8	< 2	3	16	0.11	< 10	< 10	39	< 10	40
L02N 01+75W	201	202	< 1	< 0.01	19	300	10	< 2	2	16	0.10	< 10	< 10	35	< 10	30
L03N 00+25W	201	202	1	< 0.01	24	460	14	< 2	2	18	0.09	< 10	< 10	39	< 10	40
L03N 00+50W	201	202	1	< 0.01	10	960	12	< 2	1	7	0.06	< 10	< 10	26	< 10	54
L03N 00+75W	201	202	1	< 0.01	10	2070	12	< 2	1	12	0.06	< 10	10	31	< 10	58
L03N 01+00W	201	202	1	< 0.01	5	170	8	< 2	1	19	0.10	< 10	< 10	33	< 10	16
L03N 01+25W	201	202	1	< 0.01	16	370	16	< 2	1	23	0.07	< 10	< 10	26	< 10	64
L03N 01+50W	201	202	3	< 0.01	31	590	14	< 2	5	28	0.08	< 10	< 10	36	< 10	104
L03N 01+75W	201	202	< 1	< 0.01	15	510	12	2	2	19	0.09	< 10	< 10	34	< 10	38
L03N 02+00W	201	202	< 1	< 0.01	18	390	12	< 2	2	17	0.09	< 10	< 10	35	< 10	52
L04N 00+50W	201	202	2	< 0.01	21	950	8	< 2	3	12	0.09	< 10	< 10	42	< 10	44
L04N 00+75W	201	202	< 1	< 0.01	14	430	6	2	2	11	0.07	< 10	< 10	28	< 10	34
L04N 01+00W	201	202	< 1	< 0.01	22	600	14	< 2	3	11	0.10	< 10	< 10	44	< 10	62
L04N 01+25W	201	202	< 1	< 0.01	3	110	6	< 2	1	14	0.08	< 10	< 10	15	< 10	18
L04N 01+50W	201	202	3	< 0.01	39	360	30	< 2	3	15	0.08	< 10	< 10	35	< 10	76
L04N 01+75W	201	202	3	< 0.01	33	390	18	< 2	3	28	0.08	< 10	< 10	28	< 10	68
L04N 02+00W	201	202	1	< 0.01	12	520	8	< 2	1	9	0.06	< 10	< 10	28	< 10	48
L04N 02+25W	201	202	< 1	< 0.01	31	300	6	< 2	3	9	0.10	< 10	< 10	45	< 10	42
L05N 00+75W	201	202	< 1	< 0.01	12	240	4	< 2	1	7	0.05	< 10	< 10	23	< 10	40
L05N 01+00W	201	202	< 1	< 0.01	23	330	4	< 2	1	7	0.07	< 10	< 10	29	< 10	34
L05N 01+25W	201	202	1	< 0.01	4	140	10	< 2	< 1	5	0.06	< 10	< 10	30	< 10	20
L05N 01+50W	201	202	< 1	< 0.01	8	190	6	< 2	< 1	5	0.06	< 10	< 10	31	< 10	20
L05N 01+75W	201	202	3	< 0.01	25	410	14	< 2	1	9	0.07	< 10	< 10	44	< 10	58

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD.

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Certificate Date: 23-NOV-97
Invoice No. :I9750578
P.O. Number :
Account :LFV

CERTIFICATE OF ANALYSIS A9750578

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L05N 02+50W	201	202	< 5	< 0.2	1.83	6	40	< 0.5	< 2	0.14	< 0.5	7	41	9	2.47	< 10	< 1	0.03	< 10	0.33	120
L06N 00+75W	201	202	< 5	< 0.2	1.95	4	40	< 0.5	< 2	0.11	< 0.5	5	31	7	2.09	< 10	< 1	0.02	< 10	0.19	145
L06N 01+00W	201	202	< 5	< 0.2	2.26	4	30	< 0.5	< 2	0.14	< 0.5	10	49	23	2.02	< 10	< 1	0.03	< 10	0.42	190
L06N 01+25W	201	202	< 5	< 0.2	1.87	2	30	< 0.5	< 2	0.12	< 0.5	7	46	16	2.53	< 10	< 1	0.03	< 10	0.42	165
L06N 01+50W	201	202	< 5	< 0.2	1.23	6	30	< 0.5	< 2	0.08	< 0.5	3	23	9	1.46	< 10	< 1	0.02	< 10	0.15	85
L06N 01+75W	201	202	< 5	< 0.2	0.96	2	30	< 0.5	< 2	0.09	< 0.5	4	31	8	2.13	< 10	< 1	0.03	< 10	0.24	120
L06N 02+25W	201	202	< 5	< 0.2	3.15	< 2	40	< 0.5	< 2	0.13	< 0.5	6	41	7	2.00	< 10	< 1	0.03	< 10	0.24	185
L06N 02+50W	201	202	< 5	< 0.2	0.26	< 2	10	< 0.5	< 2	0.08	< 0.5	< 1	6	3	0.42	< 10	< 1	0.01	< 10	0.05	30
L07N 00+75W	201	202	< 5	< 0.2	0.88	4	30	< 0.5	< 2	1.72	< 0.5	7	34	25	1.39	< 10	< 1	0.04	10	1.11	210
L07N 01+00W	201	202	< 5	0.2	1.50	8	30	< 0.5	< 2	0.10	< 0.5	3	29	9	2.63	< 10	1	0.02	< 10	0.19	85
L07N 01+25W	201	202	< 5	< 0.2	1.60	2	30	< 0.5	< 2	0.08	< 0.5	6	39	9	3.28	< 10	< 1	0.03	< 10	0.29	130
L07N 01+50W	201	202	< 5	< 0.2	0.77	2	30	< 0.5	< 2	0.09	< 0.5	4	24	6	1.82	< 10	< 1	0.03	< 10	0.19	125
L07N 01+75W	201	202	< 5	< 0.2	1.00	< 2	20	< 0.5	< 2	0.07	< 0.5	2	20	3	1.51	< 10	< 1	0.01	< 10	0.11	45
L07N 02+00W	201	202	< 5	< 0.2	1.48	6	40	< 0.5	< 2	0.10	< 0.5	7	48	10	3.23	< 10	< 1	0.04	< 10	0.37	135
L07N 02+50W	201	202	< 5	< 0.2	0.97	4	40	< 0.5	< 2	0.22	< 0.5	6	33	14	1.53	< 10	< 1	0.03	< 10	0.41	165
L07N 02+75W	201	202	< 5	< 0.2	1.28	6	30	< 0.5	< 2	0.32	< 0.5	11	43	41	2.16	< 10	< 1	0.05	10	0.62	350
L08N 00+50W	201	202	< 5	< 0.2	1.50	4	40	< 0.5	< 2	0.36	< 0.5	9	42	34	1.94	< 10	< 1	0.05	10	0.51	270
L08N 00+75W	201	202	< 5	< 0.2	1.67	4	30	< 0.5	< 2	0.10	< 0.5	5	33	14	2.04	< 10	< 1	0.02	< 10	0.28	145
L08N 01+00W	201	202	< 5	< 0.2	0.77	10	10	< 0.5	< 2	0.06	< 0.5	2	24	9	3.62	< 10	< 1	0.03	< 10	0.09	70
L08N 01+25W	201	202	< 5	< 0.2	0.53	2	10	< 0.5	< 2	0.10	< 0.5	3	18	4	0.80	< 10	< 1	0.03	< 10	0.20	95
L08N 01+50W	201	202	< 5	0.2	1.95	4	100	< 0.5	< 2	0.23	< 0.5	11	51	32	2.15	< 10	< 1	0.10	20	0.46	2300
L08N 01+75W	201	202	< 5	< 0.2	1.03	6	40	< 0.5	< 2	0.15	< 0.5	4	26	7	1.51	< 10	< 1	0.04	< 10	0.21	165
L08N 02+00W	201	202	< 5	< 0.2	0.69	2	20	< 0.5	< 2	0.08	< 0.5	1	16	4	1.52	< 10	< 1	0.02	< 10	0.09	75
L08N 02+25W	201	202	< 5	< 0.2	0.94	2	30	< 0.5	< 2	0.07	< 0.5	2	21	6	1.92	< 10	< 1	0.02	< 10	0.12	115
L08N 02+50W	201	202	< 5	< 0.2	1.66	6	30	< 0.5	< 2	0.08	< 0.5	4	25	4	1.47	< 10	< 1	0.02	< 10	0.16	130
L08N 02+75W	201	202	< 5	< 0.2	1.64	8	30	< 0.5	< 2	0.20	< 0.5	9	44	20	2.07	< 10	< 1	0.04	< 10	0.53	330
L09N 00+75W	201	202	< 5	< 0.2	1.33	2	30	< 0.5	< 2	0.20	< 0.5	10	40	22	1.84	< 10	< 1	0.04	10	0.47	270
L09N 01+00W	201	202	< 5	< 0.2	1.34	2	80	< 0.5	< 2	0.14	< 0.5	6	30	9	1.80	< 10	1	0.03	< 10	0.26	885
L09N 01+25W	201	202	< 5	< 0.2	1.14	2	40	< 0.5	< 2	0.10	< 0.5	3	28	6	2.56	< 10	< 1	0.02	< 10	0.16	165
L09N 01+50W	201	202	< 5	< 0.2	1.43	6	40	< 0.5	< 2	0.15	< 0.5	5	41	14	3.13	< 10	< 1	0.04	< 10	0.30	125
L09N 01+75W	201	202	< 5	< 0.2	1.68	4	40	< 0.5	< 2	0.12	< 0.5	3	27	6	2.03	< 10	< 1	0.02	< 10	0.15	105
L09N 02+00W	201	202	< 5	< 0.2	1.81	2	70	< 0.5	< 2	0.21	< 0.5	6	30	4	1.87	< 10	< 1	0.03	< 10	0.23	245
L09N 02+25W	201	202	< 5	< 0.2	1.20	2	30	< 0.5	< 2	0.10	< 0.5	3	24	6	1.56	< 10	< 1	0.03	< 10	0.15	80
L09N 02+50W	201	202	< 5	< 0.2	1.87	6	50	< 0.5	< 2	0.16	< 0.5	7	42	10	1.98	< 10	< 1	0.04	< 10	0.40	235
L10N 00+50W	201	202	< 5	< 0.2	1.75	2	50	< 0.5	< 2	0.28	< 0.5	11	52	28	2.24	< 10	< 1	0.06	10	0.63	355
L10N 00+75W	201	202	< 5	< 0.2	0.94	< 2	30	< 0.5	< 2	0.06	< 0.5	3	23	7	1.89	< 10	< 1	0.03	< 10	0.11	60
L10N 01+00W	201	202	< 5	< 0.2	1.97	6	40	< 0.5	< 2	0.11	< 0.5	7	39	14	1.70	< 10	< 1	0.02	< 10	0.33	155
L10N 01+25W	201	202	< 5	0.2	2.10	4	30	< 0.5	< 2	0.08	< 0.5	5	31	10	1.96	< 10	< 1	0.02	< 10	0.14	190
L10N 01+50W	201	202	< 5	< 0.2	2.06	10	30	< 0.5	< 2	0.10	< 0.5	6	38	14	2.20	< 10	< 1	0.03	< 10	0.26	300
L10N 01+75W	201	202	< 5	< 0.2	0.54	4	10	< 0.5	< 2	0.05	< 0.5	1	13	4	0.72	< 10	< 1	0.01	< 10	0.05	35

CERTIFICATION:_____

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To: BAIN, DUNCAN CONSULTING LTD. *

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
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Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Certificate Date: 23-NOV-97
Invoice No. :I9750578
P.O. Number :
Account :LFV

CERTIFICATE OF ANALYSIS A9750578

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L05N 02+50W	201	202	1	< 0.01	20	320	6	< 2	2	9	0.09	< 10	< 10	45	< 10	28
L06N 00+75W	201	202	1	< 0.01	14	550	8	< 2	1	8	0.06	< 10	< 10	33	< 10	54
L06N 01+00W	201	202	2	< 0.01	29	440	8	< 2	2	8	0.07	< 10	< 10	31	< 10	46
L06N 01+25W	201	202	1	< 0.01	22	420	4	< 2	2	8	0.08	< 10	< 10	33	< 10	46
L06N 01+50W	201	202	1	< 0.01	10	320	10	< 2	1	7	0.05	< 10	< 10	26	< 10	30
L06N 01+75W	201	202	4	< 0.01	12	200	10	< 2	1	7	0.09	< 10	< 10	44	< 10	40
L06N 02+25W	201	202	1	< 0.01	19	430	8	2	2	8	0.07	< 10	< 10	29	< 10	50
L06N 02+50W	201	202	< 1	< 0.01	2	140	4	< 2	< 1	6	0.04	< 10	< 10	13	< 10	10
L07N 00+75W	201	202	1	< 0.01	19	420	4	< 2	2	20	0.05	< 10	< 10	23	< 10	28
L07N 01+00W	201	202	7	< 0.01	10	260	8	< 2	1	6	0.07	< 10	< 10	31	< 10	50
L07N 01+25W	201	202	4	< 0.01	16	370	6	< 2	1	5	0.07	< 10	< 10	39	< 10	48
L07N 01+50W	201	202	2	< 0.01	11	230	8	< 2	< 1	7	0.06	< 10	< 10	30	< 10	30
L07N 01+75W	201	202	2	< 0.01	6	150	6	< 2	< 1	7	0.07	< 10	< 10	32	< 10	22
L07N 02+00W	201	202	5	< 0.01	20	270	8	< 2	1	6	0.11	< 10	< 10	57	< 10	34
L07N 02+50W	201	202	1	< 0.01	22	140	12	< 2	1	11	0.06	< 10	< 10	27	< 10	24
L07N 02+75W	201	202	< 1	< 0.01	30	340	18	< 2	2	13	0.06	< 10	< 10	34	< 10	52
L08N 00+50W	201	202	1	< 0.01	24	350	8	< 2	2	14	0.07	< 10	< 10	30	< 10	34
L08N 00+75W	201	202	< 1	< 0.01	17	290	10	< 2	1	7	0.06	< 10	< 10	32	< 10	34
L08N 01+00W	201	202	6	< 0.01	5	330	10	< 2	< 1	6	0.09	< 10	< 10	58	< 10	24
L08N 01+25W	201	202	1	< 0.01	9	100	4	< 2	< 1	8	0.06	< 10	< 10	16	< 10	20
L08N 01+50W	201	202	8	< 0.01	38	310	20	< 2	3	15	0.07	< 10	< 10	36	< 10	82
L08N 01+75W	201	202	1	< 0.01	15	240	8	< 2	1	11	0.06	< 10	< 10	27	< 10	38
L08N 02+00W	201	202	< 1	< 0.01	4	310	6	< 2	< 1	7	0.07	< 10	< 10	27	< 10	20
L08N 02+25W	201	202	< 1	< 0.01	6	350	10	< 2	< 1	5	0.06	< 10	< 10	32	< 10	38
L08N 02+50W	201	202	1	< 0.01	11	280	8	< 2	1	6	0.04	< 10	< 10	21	< 10	40
L08N 02+75W	201	202	< 1	< 0.01	31	600	16	< 2	1	9	0.05	< 10	< 10	28	< 10	74
L09N 00+75W	201	202	< 1	< 0.01	28	460	8	< 2	2	10	0.06	< 10	< 10	29	< 10	46
L09N 01+00W	201	202	1	< 0.01	19	380	12	< 2	1	10	0.05	< 10	< 10	26	< 10	104
L09N 01+25W	201	202	1	< 0.01	9	400	10	< 2	1	7	0.07	< 10	< 10	41	< 10	36
L09N 01+50W	201	202	2	< 0.01	18	390	6	< 2	1	11	0.10	< 10	< 10	38	< 10	48
L09N 01+75W	201	202	< 1	< 0.01	10	440	6	< 2	1	11	0.07	< 10	< 10	29	< 10	64
L09N 02+00W	201	202	1	< 0.01	14	390	6	< 2	1	17	0.08	< 10	< 10	28	< 10	94
L09N 02+25W	201	202	< 1	< 0.01	11	400	10	< 2	1	9	0.06	< 10	< 10	26	< 10	34
L09N 02+50W	201	202	1	< 0.01	25	330	8	< 2	1	12	0.08	< 10	< 10	31	< 10	64
L10N 00+50W	201	202	1	< 0.01	32	430	6	< 2	3	15	0.08	< 10	< 10	35	< 10	36
L10N 00+75W	201	202	< 1	< 0.01	9	920	4	< 2	< 1	6	0.04	< 10	< 10	30	< 10	34
L10N 01+00W	201	202	< 1	< 0.01	25	560	4	< 2	1	5	0.05	< 10	< 10	24	< 10	52
L10N 01+25W	201	202	< 1	< 0.01	14	560	4	< 2	1	6	0.04	< 10	< 10	24	< 10	48
L10N 01+50W	201	202	< 1	< 0.01	21	660	8	< 2	1	5	0.06	< 10	< 10	30	< 10	46
L10N 01+75W	201	202	< 1	< 0.01	4	150	6	< 2	< 1	8	0.04	< 10	< 10	20	< 10	10

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD.

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Certificate Date: 23-NOV-97
Invoice No. :19750578
P.O. Number :
Account :LFV

CERTIFICATE OF ANALYSIS A9750578

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L10N 02+00W	201	202	< 5	< 0.2	1.66	< 2	40	< 0.5	< 2	0.14	< 0.5	7	43	12	2.16	< 10	< 1	0.04	< 10	0.36	130
L10N 02+25W	201	202	< 5	< 0.2	1.21	4	20	< 0.5	< 2	0.11	< 0.5	5	38	16	2.68	< 10	< 1	0.04	< 10	0.24	115
L11N 00+25W	201	202	< 5	< 0.2	1.49	6	50	< 0.5	< 2	0.27	< 0.5	12	42	25	1.86	< 10	< 1	0.04	10	0.46	545
L11N 00+50W	201	202	< 5	< 0.2	1.59	2	40	< 0.5	< 2	0.12	< 0.5	5	28	6	1.94	< 10	< 1	0.02	< 10	0.16	100
L11N 00+75W	201	202	< 5	< 0.2	1.78	< 2	50	< 0.5	< 2	0.98	< 0.5	14	30	19	4.74	10	1	0.06	20	0.70	950
L11N 01+00W	201	202	< 5	< 0.2	1.43	< 2	40	< 0.5	< 2	0.12	< 0.5	6	41	12	2.30	< 10	< 1	0.03	< 10	0.31	160
L11N 01+25W	201	202	< 5	< 0.2	1.20	6	10	< 0.5	< 2	0.13	< 0.5	4	35	8	2.37	< 10	< 1	0.03	< 10	0.24	85
L11N 01+50W	201	202	< 5	< 0.2	1.17	6	20	< 0.5	< 2	0.21	< 0.5	11	41	28	1.96	< 10	< 1	0.03	10	0.59	330
L11N 01+75W	201	202	< 5	< 0.2	1.23	8	40	< 0.5	< 2	0.22	< 0.5	10	39	30	1.73	< 10	< 1	0.04	10	0.49	280
L12N 00+25W	201	202	< 5	< 0.2	1.12	8	40	< 0.5	< 2	0.07	< 0.5	3	33	7	3.27	< 10	< 1	0.02	< 10	0.18	105
L12N 00+50W	201	202	< 5	< 0.2	0.52	< 2	50	< 0.5	< 2	0.12	< 0.5	3	16	9	1.32	< 10	< 1	0.03	< 10	0.12	270
L12N 00+75W	201	202	< 5	< 0.2	1.09	2	20	< 0.5	< 2	0.21	< 0.5	11	40	20	2.15	< 10	< 1	0.04	< 10	0.63	335
L12N 01+00W	201	202	< 5	0.4	1.73	8	30	< 0.5	< 2	0.09	< 0.5	5	42	9	3.29	< 10	< 1	0.04	< 10	0.21	90
L00 00+00N	201	202	< 5	0.2	1.06	4	50	< 0.5	< 2	0.40	< 0.5	7	42	34	1.73	< 10	< 1	0.06	< 10	0.34	285
L00 00+25N	201	202	< 5	< 0.2	2.09	2	40	< 0.5	< 2	0.22	< 0.5	9	57	24	2.14	< 10	< 1	0.04	< 10	0.41	170
L00 00+50N	201	202	< 5	< 0.2	0.84	10	70	< 0.5	< 2	0.23	< 0.5	6	31	25	1.71	< 10	< 1	0.05	< 10	0.20	460
L00 00+75N	201	202	< 5	< 0.2	1.02	< 2	30	< 0.5	< 2	0.26	< 0.5	9	31	77	1.34	< 10	< 1	0.04	< 10	0.27	180
L00 01+00N	201	202	< 5	< 0.2	1.61	2	40	< 0.5	< 2	0.21	< 0.5	13	49	69	1.93	< 10	1	0.05	10	0.52	285
L00 01+25N	201	202	< 5	< 0.2	1.66	2	50	< 0.5	< 2	0.34	< 0.5	14	50	146	2.17	< 10	< 1	0.05	< 10	0.41	350
L00 01+50N	201	202	< 5	< 0.2	1.39	10	30	< 0.5	< 2	0.32	< 0.5	23	54	383	2.11	< 10	< 1	0.05	20	0.65	355
L00 01+75N	201	202	< 5	< 0.2	1.86	< 2	50	< 0.5	< 2	0.39	< 0.5	16	51	270	2.25	< 10	1	0.05	< 10	0.54	300
L00 02+00N	201	202	< 5	< 0.2	1.80	< 2	60	< 0.5	< 2	0.39	< 0.5	15	57	186	2.24	< 10	< 1	0.06	10	0.65	335
L00 02+25N	201	202	< 5	< 0.2	1.76	8	60	< 0.5	< 2	0.41	< 0.5	15	57	131	2.18	< 10	< 1	0.06	10	0.63	330
L00 02+50N	201	202	< 5	< 0.2	1.47	< 2	50	< 0.5	< 2	1.16	< 0.5	12	49	81	1.88	< 10	< 1	0.07	10	0.96	295
L00 02+75N	201	202	< 5	< 0.2	1.10	2	40	< 0.5	< 2	0.61	< 0.5	10	40	31	1.67	< 10	< 1	0.05	10	0.64	270
L00 03+00N	201	202	< 5	< 0.2	1.18	6	50	< 0.5	< 2	0.55	< 0.5	10	47	35	1.67	< 10	< 1	0.05	10	0.66	270
L00 03+25N	201	202	< 5	< 0.2	1.10	< 2	50	< 0.5	< 2	0.47	< 0.5	10	39	30	1.64	< 10	< 1	0.04	10	0.56	265
L00 03+50N	201	202	< 5	< 0.2	1.17	< 2	140	< 0.5	< 2	0.45	< 0.5	9	41	29	1.67	< 10	< 1	0.05	10	0.55	285
L00 03+75N	201	202	< 5	< 0.2	1.46	2	460	< 0.5	< 2	0.38	< 0.5	11	50	38	1.90	< 10	< 1	0.06	10	0.60	390
L00 04+00N	201	202	< 5	< 0.2	1.24	< 2	350	< 0.5	< 2	0.47	< 0.5	10	39	33	1.68	< 10	< 1	0.05	10	0.55	330
L00 04+25N	201	202	< 5	< 0.2	2.00	4	50	< 0.5	< 2	0.31	< 0.5	11	49	33	1.98	< 10	< 1	0.05	10	0.54	220
L00 04+50N	201	202	< 5	< 0.2	1.41	< 2	40	< 0.5	< 2	0.27	< 0.5	12	52	44	1.84	< 10	< 1	0.07	10	0.59	315
L00 04+75N	201	202	< 5	< 0.2	1.84	2	50	< 0.5	< 2	0.23	< 0.5	11	53	30	1.92	< 10	< 1	0.06	< 10	0.54	235
L00 05+00N	201	202	< 5	< 0.2	1.49	8	90	< 0.5	< 2	1.06	< 0.5	16	91	62	2.05	< 10	< 1	0.07	10	1.22	480
L00 05+25N	201	202	< 5	< 0.2	1.67	2	50	< 0.5	< 2	0.90	< 0.5	15	79	59	2.30	< 10	< 1	0.07	10	1.16	485
L00 05+50N	201	202	< 5	< 0.2	1.96	2	50	< 0.5	< 2	0.30	< 0.5	13	66	43	2.18	< 10	< 1	0.06	10	0.69	330
L00 05+75N	201	202	< 5	< 0.2	1.60	6	60	< 0.5	< 2	0.26	< 0.5	9	50	29	1.89	< 10	< 1	0.04	< 10	0.47	330
L00 06+00N	201	202	< 5	< 0.2	2.38	< 2	40	< 0.5	< 2	0.09	< 0.5	11	44	25	2.23	< 10	1	0.03	< 10	0.44	165
L00 06+25N	201	202	< 5	< 0.2	1.43	6	50	< 0.5	< 2	0.39	< 0.5	10	59	53	1.80	< 10	< 1	0.04	10	0.56	390
L00 06+50N	201	202	< 5	< 0.2	1.28	< 2	50	< 0.5	< 2	0.40	< 0.5	9	47	42	1.67	< 10	< 1	0.06	10	0.50	350

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD.

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Certificate Date: 23-NOV-97
Invoice No. :I9750578
P.O. Number :
Account :LFV

CERTIFICATE OF ANALYSIS A9750578

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L10N 02+00W	201	202	< 1	< 0.01	23	310	6	< 2	2	10	0.08	< 10	< 10	34	< 10	40
L10N 02+25W	201	202	7	< 0.01	16	440	14	< 2	1	7	0.08	< 10	< 10	39	< 10	34
L11N 00+25W	201	202	3	< 0.01	28	510	8	< 2	2	13	0.07	< 10	< 10	32	< 10	60
L11N 00+50W	201	202	< 1	< 0.01	11	400	6	< 2	1	7	0.06	< 10	< 10	34	< 10	58
L11N 00+75W	201	202	1	0.01	20	5110	6	< 2	1	33	0.11	< 10	< 10	78	< 10	96
L11N 01+00W	201	202	< 1	< 0.01	21	290	8	< 2	1	8	0.07	< 10	< 10	40	< 10	30
L11N 01+25W	201	202	1	< 0.01	11	440	8	< 2	1	8	0.08	< 10	< 10	51	< 10	32
L11N 01+50W	201	202	< 1	< 0.01	28	390	16	2	2	9	0.05	< 10	< 10	34	< 10	40
L11N 01+75W	201	202	< 1	< 0.01	26	470	24	< 2	2	11	0.04	< 10	< 10	27	< 10	38
L12N 00+25W	201	202	1	< 0.01	14	380	10	< 2	1	4	0.06	< 10	< 10	42	< 10	40
L12N 00+50W	201	202	< 1	< 0.01	9	210	12	< 2	< 1	8	0.04	< 10	< 10	27	< 10	36
L12N 00+75W	201	202	< 1	< 0.01	29	400	18	< 2	1	9	0.05	< 10	< 10	39	< 10	42
L12N 01+00W	201	202	6	< 0.01	12	560	8	< 2	1	9	0.10	< 10	< 10	53	< 10	40
L00 00+00N	201	202	< 1	< 0.01	24	550	18	< 2	1	17	0.07	< 10	< 10	33	< 10	66
L00 00+25N	201	202	< 1	< 0.01	27	460	10	< 2	3	12	0.08	< 10	< 10	36	< 10	40
L00 00+50N	201	202	< 1	< 0.01	18	540	22	< 2	1	13	0.07	< 10	< 10	40	< 10	62
L00 00+75N	201	202	< 1	< 0.01	19	320	10	< 2	1	9	0.05	< 10	< 10	25	< 10	38
L00 01+00N	201	202	< 1	< 0.01	33	460	10	< 2	3	10	0.07	< 10	< 10	34	< 10	36
L00 01+25N	201	202	< 1	< 0.01	32	530	14	< 2	3	11	0.07	< 10	< 10	41	< 10	56
L00 01+50N	201	202	< 1	< 0.01	41	490	8	< 2	4	15	0.08	< 10	< 10	41	< 10	32
L00 01+75N	201	202	< 1	< 0.01	35	430	12	< 2	3	12	0.07	< 10	< 10	40	< 10	44
L00 02+00N	201	202	< 1	< 0.01	38	470	10	< 2	4	10	0.07	< 10	< 10	41	< 10	40
L00 02+25N	201	202	< 1	< 0.01	38	450	10	2	4	12	0.08	< 10	< 10	39	< 10	38
L00 02+50N	201	202	< 1	< 0.01	32	480	6	< 2	3	19	0.07	< 10	< 10	34	< 10	36
L00 02+75N	201	202	< 1	< 0.01	24	410	6	< 2	2	12	0.06	< 10	< 10	29	< 10	30
L00 03+00N	201	202	< 1	< 0.01	28	450	6	2	3	14	0.06	< 10	< 10	30	< 10	30
L00 03+25N	201	202	< 1	< 0.01	23	390	6	< 2	3	13	0.07	< 10	< 10	31	< 10	34
L00 03+50N	201	202	< 1	< 0.01	24	410	6	< 2	3	15	0.07	< 10	< 10	32	< 10	32
L00 03+75N	201	202	1	< 0.01	29	470	6	< 2	3	21	0.08	< 10	10	35	< 10	38
L00 04+00N	201	202	< 1	< 0.01	22	450	8	< 2	3	20	0.07	< 10	< 10	32	< 10	38
L00 04+25N	201	202	< 1	< 0.01	34	410	8	< 2	3	12	0.08	< 10	< 10	33	< 10	34
L00 04+50N	201	202	1	< 0.01	32	510	10	< 2	3	11	0.08	< 10	< 10	33	< 10	30
L00 04+75N	201	202	< 1	< 0.01	42	400	8	< 2	3	11	0.08	< 10	< 10	33	< 10	32
L00 05+00N	201	202	< 1	< 0.01	44	600	12	< 2	3	20	0.07	< 10	< 10	37	< 10	44
L00 05+25N	201	202	< 1	< 0.01	45	550	16	< 2	3	17	0.08	< 10	< 10	37	< 10	48
L00 05+50N	201	202	< 1	< 0.01	43	500	12	< 2	3	12	0.07	< 10	< 10	32	< 10	36
L00 05+75N	201	202	1	< 0.01	29	470	12	< 2	2	10	0.05	< 10	< 10	29	< 10	42
L00 06+00N	201	202	1	< 0.01	33	570	6	< 2	2	4	0.05	< 10	< 10	29	< 10	34
L00 06+25N	201	202	< 1	< 0.01	30	570	10	< 2	2	12	0.03	< 10	< 10	25	< 10	44
L00 06+50N	201	202	3	< 0.01	27	560	12	< 2	2	11	0.04	< 10	< 10	25	< 10	64

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD.

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Certificate Date: 23-NOV-97
Invoice No. : 19750578
P.O. Number :
Account : LFV

CERTIFICATE OF ANALYSIS A9750578

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L00 07+25N	201	202	< 5	< 0.2	0.34	4	40	< 0.5	< 2	0.11	< 0.5	1	8	13	0.37	< 10	< 1	0.01	< 10	0.01	20
L00 08+25N	201	202	< 5	< 0.2	0.50	2	10	< 0.5	< 2	0.08	< 0.5	1	13	4	0.76	< 10	< 1	0.03	< 10	0.06	40
L00 08+50N	201	202	< 5	< 0.2	1.44	2	50	< 0.5	< 2	0.12	< 0.5	6	29	8	2.56	< 10	< 1	0.04	< 10	0.22	175
L00 08+75N	201	202	< 5	0.2	1.69	2	30	< 0.5	< 2	0.10	< 0.5	8	33	12	1.88	< 10	1	0.03	< 10	0.31	180
L00 09+50N	201	202	< 5	< 0.2	1.79	4	40	< 0.5	< 2	0.14	< 0.5	12	42	35	2.10	< 10	< 1	0.04	< 10	0.56	255
L00 09+75N	201	202	< 5	< 0.2	1.33	4	40	< 0.5	< 2	0.22	< 0.5	12	40	43	1.83	< 10	< 1	0.04	10	0.57	305
L00 10+00N	201	202	< 5	< 0.2	1.94	6	50	< 0.5	< 2	0.31	< 0.5	13	48	38	2.29	< 10	< 1	0.06	10	0.64	285
L00 10+50N	201	202	< 5	< 0.2	1.45	6	40	< 0.5	< 2	0.36	< 0.5	13	41	32	2.17	< 10	< 1	0.04	< 10	0.62	310
L00 10+75N	201	202	< 5	< 0.2	1.60	2	40	< 0.5	< 2	0.36	< 0.5	13	42	30	2.28	< 10	< 1	0.05	10	0.63	335
L00 11+00N	201	202	< 5	< 0.2	1.39	6	40	< 0.5	< 2	0.25	< 0.5	11	42	24	1.88	< 10	< 1	0.04	< 10	0.53	290
L00 11+25N	201	202	55	< 0.2	1.51	< 2	50	< 0.5	< 2	0.30	< 0.5	12	45	31	2.00	< 10	< 1	0.05	10	0.55	335
L00 11+50N	201	202	< 5	< 0.2	1.30	< 2	40	< 0.5	< 2	0.27	< 0.5	11	43	22	1.79	< 10	< 1	0.05	< 10	0.51	335
L00 11+75N	201	202	< 5	< 0.2	1.43	2	30	< 0.5	< 2	0.34	< 0.5	12	43	39	2.00	< 10	< 1	0.05	10	0.56	325
L00 12+00N	201	202	< 5	< 0.2	1.79	2	30	< 0.5	< 2	0.13	< 0.5	5	36	12	2.68	< 10	< 1	0.04	< 10	0.19	150
L00 12+25N	201	202	< 5	< 0.2	2.42	6	70	< 0.5	< 2	0.17	0.5	8	48	10	4.33	< 10	< 1	0.04	< 10	0.28	185
L00 12+50N	201	202	< 5	0.2	2.93	8	30	< 0.5	< 2	0.10	< 0.5	5	44	13	3.07	< 10	< 1	0.03	< 10	0.24	100
L00 12+75N	201	202	< 5	< 0.2	1.50	2	20	< 0.5	< 2	0.08	< 0.5	3	26	5	2.28	< 10	< 1	0.03	< 10	0.12	55
L00 13+00N	201	202	< 5	< 0.2	1.27	6	20	< 0.5	< 2	0.08	< 0.5	3	38	10	3.08	< 10	< 1	0.02	< 10	0.14	70
L00 13+25N	201	202	< 5	< 0.2	0.91	6	30	< 0.5	< 2	0.07	< 0.5	4	32	11	2.85	< 10	< 1	0.03	< 10	0.14	80
L00 13+50N	201	202	< 5	< 0.2	1.54	6	40	< 0.5	< 2	0.19	< 0.5	12	45	31	2.00	< 10	1	0.04	< 10	0.52	260
L00 13+75N	201	202	< 5	< 0.2	1.22	4	10	< 0.5	< 2	0.23	< 0.5	11	42	25	2.22	< 10	< 1	0.04	< 10	0.67	305
L01N 00+25E	201	202	< 5	< 0.2	1.34	2	40	< 0.5	< 2	0.28	< 0.5	9	40	48	1.87	< 10	< 1	0.03	< 10	0.49	250
L01N 00+50E	201	202	< 5	< 0.2	3.04	8	20	< 0.5	< 2	0.06	< 0.5	6	32	15	3.16	< 10	< 1	0.01	< 10	0.19	55
L01N 00+75E	201	202	< 5	< 0.2	1.37	< 2	30	< 0.5	< 2	0.08	< 0.5	4	31	11	2.56	< 10	< 1	0.01	< 10	0.16	75
L01N 01+00E	201	202	< 5	0.2	1.59	8	40	< 0.5	< 2	0.07	< 0.5	6	34	12	2.91	< 10	< 1	0.02	< 10	0.21	130
L02N 00+25E	201	202	< 5	< 0.2	1.57	< 2	40	< 0.5	< 2	0.45	< 0.5	16	57	206	2.30	< 10	< 1	0.06	< 10	0.73	360
L02N 00+50E	201	202	< 5	< 0.2	1.98	4	50	< 0.5	< 2	0.12	< 0.5	7	39	12	2.31	< 10	< 1	0.03	< 10	0.31	195
L02N 00+75E	201	202	< 5	< 0.2	1.21	< 2	10	< 0.5	< 2	0.06	< 0.5	4	25	6	1.81	< 10	< 1	0.02	< 10	0.16	160
L02N 01+00E	201	202	< 5	< 0.2	2.31	4	60	< 0.5	< 2	0.11	< 0.5	8	43	14	2.80	< 10	< 1	0.04	< 10	0.34	205
L02N 01+25E	201	202	< 5	< 0.2	2.08	< 2	60	< 0.5	< 2	0.08	< 0.5	7	36	20	2.32	< 10	< 1	0.03	< 10	0.26	175
L02N 01+50E	201	202	< 5	0.2	2.51	2	40	< 0.5	< 2	0.10	< 0.5	7	34	44	3.34	< 10	< 1	0.03	< 10	0.24	100
L02N 01+75E	201	202	< 5	< 0.2	1.35	12	40	< 0.5	< 2	0.08	< 0.5	7	48	11	4.70	< 10	< 1	0.03	< 10	0.31	205
L02N 02+00E	201	202	< 5	< 0.2	1.48	< 2	20	< 0.5	< 2	0.10	< 0.5	7	34	10	1.80	< 10	< 1	0.01	< 10	0.30	180
L02N 02+25E	201	202	< 5	< 0.2	1.58	2	50	< 0.5	< 2	0.13	< 0.5	9	45	18	2.67	< 10	< 1	0.03	< 10	0.35	180
L02N 02+50E	201	202	< 5	0.2	1.81	< 2	30	< 0.5	< 2	0.09	< 0.5	5	38	8	1.59	< 10	< 1	0.03	< 10	0.24	120
L02N 02+75E	201	202	< 5	0.4	2.16	2	40	< 0.5	< 2	0.11	< 0.5	9	41	8	2.60	< 10	< 1	0.03	< 10	0.22	240
L02N 03+00E	201	202	< 5	0.2	1.43	< 2	40	< 0.5	< 2	0.12	< 0.5	3	26	5	2.02	< 10	< 1	0.03	< 10	0.14	125
L02N 03+25E	201	202	< 5	< 0.2	1.09	< 2	50	< 0.5	< 2	0.17	< 0.5	5	29	19	2.01	< 10	1	0.04	< 10	0.19	510
L02N 03+50E	201	202	< 5	0.2	1.65	2	150	< 0.5	< 2	0.36	1.5	13	38	180	1.60	< 10	1	0.09	10	0.32	3320
L02N 03+75E	201	202	< 5	< 0.2	1.66	< 2	30	< 0.5	< 2	0.12	< 0.5	6	33	12	1.52	< 10	< 1	0.02	< 10	0.25	105

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD.

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Certificate Date: 23-NOV-97
Invoice No. : I9750578
P.O. Number :
Account :LFV

CERTIFICATE OF ANALYSIS A9750578

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L00 07+25N	201 202	4	< 0.01	11	110	8	< 2	< 1	6	0.03	< 10	< 10	13	< 10	18
L00 08+25N	201 202	< 1	< 0.01	6	150	8	< 2	< 1	9	0.05	< 10	< 10	20	< 10	12
L00 08+50N	201 202	< 1	< 0.01	14	490	6	2	1	8	0.07	< 10	< 10	32	< 10	54
L00 08+75N	201 202	< 1	< 0.01	20	340	6	< 2	1	6	0.06	< 10	< 10	27	< 10	44
L00 09+50N	201 202	< 1	< 0.01	30	400	8	< 2	2	7	0.06	< 10	< 10	28	< 10	28
L00 09+75N	201 202	< 1	< 0.01	29	450	8	4	2	9	0.05	< 10	< 10	27	< 10	32
L00 10+00N	201 202	< 1	< 0.01	35	640	12	< 2	3	14	0.08	< 10	< 10	37	< 10	40
L00 10+50N	201 202	1	< 0.01	32	690	6	< 2	2	12	0.06	< 10	< 10	33	< 10	42
L00 10+75N	201 202	1	< 0.01	30	580	6	< 2	2	17	0.07	< 10	< 10	34	< 10	42
L00 11+00N	201 202	< 1	< 0.01	30	440	8	< 2	2	10	0.06	< 10	< 10	30	< 10	32
L00 11+25N	201 202	< 1	< 0.01	32	520	8	< 2	3	12	0.07	< 10	< 10	32	< 10	34
L00 11+50N	201 202	< 1	< 0.01	30	450	10	2	2	13	0.07	< 10	< 10	30	< 10	40
L00 11+75N	201 202	< 1	< 0.01	29	470	6	< 2	3	19	0.08	< 10	< 10	33	< 10	32
L00 12+00N	201 202	< 1	< 0.01	14	480	12	< 2	1	9	0.08	< 10	< 10	39	< 10	34
L00 12+25N	201 202	< 1	< 0.01	20	590	8	< 2	2	12	0.09	< 10	< 10	48	< 10	58
L00 12+50N	201 202	< 1	< 0.01	18	750	4	< 2	2	4	0.08	< 10	10	44	< 10	36
L00 12+75N	201 202	< 1	< 0.01	9	510	8	< 2	1	5	0.07	< 10	10	42	< 10	32
L00 13+00N	201 202	< 1	< 0.01	8	730	8	2	1	7	0.07	< 10	< 10	48	< 10	26
L00 13+25N	201 202	1	< 0.01	11	320	8	< 2	< 1	5	0.07	< 10	< 10	51	< 10	20
L00 13+50N	201 202	< 1	< 0.01	31	420	16	2	2	8	0.06	< 10	< 10	30	< 10	32
L00 13+75N	201 202	< 1	< 0.01	28	340	16	< 2	2	11	0.07	< 10	< 10	37	< 10	40
L01N 00+25E	201 202	< 1	< 0.01	26	380	6	< 2	2	9	0.06	< 10	< 10	32	< 10	36
L01N 00+50E	201 202	< 1	< 0.01	15	400	8	< 2	2	3	0.06	< 10	< 10	44	< 10	24
L01N 00+75E	201 202	< 1	< 0.01	12	210	8	< 2	1	6	0.06	< 10	< 10	47	< 10	22
L01N 01+00E	201 202	< 1	< 0.01	14	320	6	< 2	1	3	0.07	< 10	< 10	41	< 10	32
L02N 00+25E	201 202	< 1	< 0.01	33	480	8	< 2	3	11	0.07	< 10	< 10	39	< 10	40
L02N 00+50E	201 202	< 1	< 0.01	19	310	6	< 2	1	6	0.06	< 10	< 10	29	< 10	36
L02N 00+75E	201 202	< 1	< 0.01	9	230	6	2	1	4	0.06	< 10	< 10	33	< 10	24
L02N 01+00E	201 202	< 1	< 0.01	28	400	6	2	1	6	0.07	< 10	< 10	36	< 10	48
L02N 01+25E	201 202	< 1	< 0.01	21	660	16	< 2	1	5	0.04	< 10	< 10	30	< 10	56
L02N 01+50E	201 202	1	< 0.01	17	540	6	< 2	3	8	0.09	< 10	< 10	57	< 10	48
L02N 01+75E	201 202	1	< 0.01	22	960	10	< 2	1	4	0.08	< 10	< 10	69	< 10	40
L02N 02+00E	201 202	< 1	< 0.01	23	270	2	< 2	1	5	0.05	< 10	< 10	24	< 10	22
L02N 02+25E	201 202	1	< 0.01	37	260	6	< 2	1	7	0.08	< 10	< 10	42	< 10	42
L02N 02+50E	201 202	< 1	< 0.01	24	290	4	< 2	1	6	0.06	< 10	< 10	25	< 10	38
L02N 02+75E	201 202	< 1	< 0.01	23	790	8	< 2	1	7	0.06	< 10	< 10	34	< 10	68
L02N 03+00E	201 202	< 1	< 0.01	11	450	6	< 2	1	11	0.07	< 10	< 10	33	< 10	44
L02N 03+25E	201 202	< 1	< 0.01	17	650	18	< 2	1	11	0.06	< 10	< 10	34	< 10	94
L02N 03+50E	201 202	2	< 0.01	44	690	22	< 2	4	18	0.04	< 10	< 10	28	< 10	288
L02N 03+75E	201 202	< 1	< 0.01	19	200	8	2	1	8	0.06	< 10	< 10	26	< 10	72

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD.

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Certificate Date: 23-NOV-97
Invoice No. :I9750578
P.O. Number :
Account :LFV

CERTIFICATE OF ANALYSIS A9750578

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L03N 00+50E	201	202	< 5	< 0.2	1.76	10	50	< 0.5	< 2	0.21	< 0.5	10	45	16	2.31	< 10	1	0.04	< 10	0.38	135
L03N 00+75E	201	202	< 5	< 0.2	1.36	< 2	50	< 0.5	< 2	0.21	< 0.5	11	47	26	1.63	< 10	< 1	0.04	< 10	0.48	240
L03N 01+00E	201	202	< 5	< 0.2	0.53	< 2	10	< 0.5	< 2	0.05	< 0.5	1	13	6	0.90	< 10	< 1	0.01	< 10	0.04	25
L03N 01+25E	201	202	< 5	< 0.2	2.63	< 2	60	< 0.5	< 2	0.15	< 0.5	12	53	25	2.55	< 10	< 1	0.04	< 10	0.52	205
L03N 01+50E	201	202	< 5	0.2	2.46	< 2	30	< 0.5	< 2	0.08	< 0.5	8	44	19	2.39	< 10	< 1	0.03	< 10	0.36	185
L03N 01+75E	201	202	< 5	< 0.2	2.18	2	20	< 0.5	< 2	0.06	< 0.5	5	35	13	1.85	< 10	< 1	0.01	< 10	0.23	105
L03N 02+00E	201	202	< 5	< 0.2	1.46	< 2	30	< 0.5	< 2	0.05	< 0.5	3	25	7	1.98	< 10	< 1	0.01	< 10	0.13	135
L03N 02+25E	201	202	< 5	< 0.2	1.86	< 2	50	< 0.5	< 2	0.10	< 0.5	8	42	16	1.91	< 10	< 1	0.02	< 10	0.44	400
L03N 02+50E	201	202	< 5	< 0.2	0.72	6	30	< 0.5	< 2	0.07	< 0.5	3	22	8	2.04	< 10	1	0.03	< 10	0.08	115
L03N 02+75E	201	202	< 5	< 0.2	1.59	4	60	< 0.5	< 2	0.18	< 0.5	9	48	22	2.56	< 10	< 1	0.04	< 10	0.49	285
L03N 03+00E	201	202	< 5	< 0.2	2.37	< 2	60	< 0.5	< 2	0.14	< 0.5	5	29	6	2.07	< 10	< 1	0.03	< 10	0.16	215
L03N 03+25E	201	202	< 5	< 0.2	0.79	< 2	30	< 0.5	< 2	0.10	< 0.5	1	17	4	1.07	< 10	< 1	0.01	< 10	0.08	50
L03N 03+50E	201	202	< 5	< 0.2	1.43	8	40	< 0.5	< 2	0.13	< 0.5	7	38	16	2.04	< 10	< 1	0.03	< 10	0.30	435
L03N 03+75E	201	202	< 5	< 0.2	1.80	2	50	< 0.5	< 2	0.13	< 0.5	7	37	14	2.26	< 10	< 1	0.04	< 10	0.29	295
L03N 04+00E	201	202	< 5	< 0.2	2.15	12	50	< 0.5	< 2	0.12	< 0.5	9	43	20	2.22	< 10	< 1	0.03	< 10	0.33	535
L03N 04+25E	201	202	< 5	< 0.2	0.58	2	30	< 0.5	< 2	0.08	< 0.5	2	17	8	1.12	< 10	< 1	0.02	< 10	0.09	130
L03N 04+50E	201	202	< 5	0.2	1.16	8	140	< 0.5	< 2	0.16	1.0	10	37	48	2.07	< 10	< 1	0.04	< 10	0.37	3140
L04N 00+50E	201	202	< 5	0.2	2.07	4	120	< 0.5	< 2	0.24	< 0.5	8	53	30	1.87	< 10	< 1	0.09	10	0.40	295
L04N 01+25E	201	202	< 5	0.2	3.29	6	40	< 0.5	< 2	0.10	< 0.5	7	51	21	2.70	< 10	< 1	0.03	< 10	0.29	100
L04N 01+50E	201	202	< 5	< 0.2	1.88	< 2	10	< 0.5	< 2	0.04	< 0.5	2	25	11	1.97	< 10	< 1	0.01	< 10	0.09	35
L04N 01+75E	201	202	< 5	< 0.2	1.08	4	20	< 0.5	< 2	0.06	< 0.5	3	25	8	1.81	< 10	1	0.01	< 10	0.14	55
L04N 02+00E	201	202	< 5	< 0.2	3.33	4	40	< 0.5	< 2	0.12	< 0.5	10	63	26	2.97	< 10	< 1	0.03	< 10	0.44	165
L04N 02+25E	201	202	< 5	< 0.2	0.75	< 2	30	< 0.5	< 2	0.07	< 0.5	1	15	5	1.27	< 10	< 1	0.01	< 10	0.07	70
L04N 02+50E	201	202	< 5	< 0.2	1.80	2	50	< 0.5	< 2	0.13	< 0.5	11	41	17	2.38	< 10	< 1	0.04	< 10	0.32	1030
L04N 02+75E	201	202	< 5	0.2	2.19	6	70	< 0.5	< 2	0.16	< 0.5	9	51	18	2.96	< 10	< 1	0.04	< 10	0.39	190
L04N 03+00E	201	202	< 5	< 0.2	1.72	4	50	< 0.5	< 2	0.18	< 0.5	8	44	26	2.51	< 10	< 1	0.03	< 10	0.42	185
L04N 03+25E	201	202	< 5	< 0.2	1.39	6	50	< 0.5	< 2	0.14	< 0.5	7	45	22	2.68	< 10	< 1	0.03	< 10	0.34	225
L04N 03+50E	201	202	< 5	0.4	2.57	< 2	30	< 0.5	< 2	0.10	< 0.5	7	39	17	2.01	< 10	1	0.02	< 10	0.25	100
L04N 03+75E	201	202	< 5	0.2	1.45	6	40	< 0.5	< 2	0.12	< 0.5	7	46	16	3.03	< 10	< 1	0.03	< 10	0.31	290
L04N 04+00E	201	202	< 5	< 0.2	0.31	< 2	20	< 0.5	< 2	0.05	< 0.5	1	11	2	0.77	< 10	1	0.01	< 10	0.03	25
L04N 04+25E	201	202	< 5	0.2	1.98	10	50	< 0.5	< 2	0.12	< 0.5	9	62	14	4.47	< 10	< 1	0.04	< 10	0.32	240
L04N 04+50E	201	202	< 5	< 0.2	0.89	< 2	20	< 0.5	< 2	0.08	< 0.5	1	16	4	1.22	< 10	< 1	0.01	< 10	0.06	45
L04N 04+75E	201	202	180	< 0.2	1.38	8	40	< 0.5	< 2	0.12	< 0.5	7	45	19	3.26	< 10	< 1	0.02	< 10	0.30	205
L04N 05+00E	201	202	< 5	0.2	1.33	6	40	< 0.5	< 2	0.14	< 0.5	4	34	4	2.68	< 10	< 1	0.01	< 10	0.15	60
L04N 05+25E	201	202	< 5	< 0.2	0.56	2	20	< 0.5	< 2	0.11	< 0.5	1	18	4	0.93	< 10	< 1	0.03	< 10	0.10	45
L05N 00+50E	201	202	< 5	< 0.2	1.58	4	30	< 0.5	< 2	0.08	< 0.5	4	37	8	2.32	< 10	< 1	0.02	< 10	0.23	160
L05N 00+75E	201	202	< 5	< 0.2	1.74	8	40	< 0.5	< 2	0.11	< 0.5	7	41	15	2.17	< 10	< 1	0.04	< 10	0.30	330

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD. *

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Page Number :5-B
Total Pages :5
Certificate Date: 23-NOV-97
Invoice No. :I9750578
P.O. Number :
Account :LFV

CERTIFICATE OF ANALYSIS A9750578

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L03N 00+50E	201	202	3	< 0.01	36	230	6	< 2	2	9	0.07	< 10	< 10	41	< 10	24
L03N 00+75E	201	202	< 1	< 0.01	36	520	6	< 2	2	10	0.06	< 10	< 10	27	< 10	38
L03N 01+00E	201	202	< 1	< 0.01	7	140	10	< 2	< 1	6	0.03	< 10	10	37	< 10	14
L03N 01+25E	201	202	< 1	< 0.01	43	290	6	< 2	3	10	0.08	< 10	< 10	34	< 10	48
L03N 01+50E	201	202	< 1	< 0.01	25	560	6	2	2	4	0.05	< 10	< 10	30	< 10	44
L03N 01+75E	201	202	< 1	< 0.01	13	510	6	< 2	2	4	0.05	< 10	< 10	31	< 10	40
L03N 02+00E	201	202	< 1	< 0.01	9	270	8	< 2	1	3	0.04	< 10	< 10	31	< 10	32
L03N 02+25E	201	202	< 1	< 0.01	28	360	6	< 2	1	6	0.05	< 10	< 10	29	< 10	52
L03N 02+50E	201	202	< 1	< 0.01	7	440	14	< 2	< 1	8	0.07	< 10	< 10	41	< 10	30
L03N 02+75E	201	202	< 1	< 0.01	26	360	6	< 2	2	11	0.08	< 10	< 10	39	< 10	52
L03N 03+00E	201	202	< 1	< 0.01	15	390	8	< 2	1	13	0.08	< 10	< 10	31	< 10	62
L03N 03+25E	201	202	< 1	< 0.01	6	240	6	< 2	1	13	0.06	< 10	< 10	22	< 10	20
L03N 03+50E	201	202	< 1	< 0.01	17	520	6	< 2	1	12	0.07	< 10	< 10	33	< 10	60
L03N 03+75E	201	202	< 1	< 0.01	19	510	6	< 2	1	9	0.06	< 10	< 10	33	< 10	88
L03N 04+00E	201	202	< 1	< 0.01	23	850	8	2	2	7	0.06	< 10	< 10	35	< 10	96
L03N 04+25E	201	202	< 1	< 0.01	5	320	6	< 2	< 1	5	0.04	< 10	< 10	28	< 10	38
L03N 04+50E	201	202	1	< 0.01	27	790	22	< 2	1	12	0.04	< 10	< 10	30	< 10	272
L04N 00+50E	201	202	4	< 0.01	31	410	8	< 2	3	14	0.06	< 10	< 10	34	< 10	104
L04N 01+25E	201	202	2	< 0.01	24	330	8	< 2	2	6	0.07	< 10	< 10	34	< 10	46
L04N 01+50E	201	202	5	< 0.01	5	260	8	< 2	1	4	0.04	< 10	10	31	< 10	24
L04N 01+75E	201	202	4	< 0.01	8	130	6	2	1	5	0.05	< 10	< 10	39	< 10	18
L04N 02+00E	201	202	2	< 0.01	33	300	8	< 2	3	6	0.08	< 10	< 10	41	< 10	24
L04N 02+25E	201	202	1	< 0.01	5	130	4	< 2	< 1	6	0.07	< 10	< 10	37	< 10	18
L04N 02+50E	201	202	3	< 0.01	21	490	10	< 2	1	9	0.07	< 10	< 10	43	< 10	50
L04N 02+75E	201	202	7	< 0.01	33	370	8	< 2	2	10	0.08	< 10	< 10	42	< 10	36
L04N 03+00E	201	202	3	< 0.01	26	360	6	< 2	2	10	0.07	< 10	< 10	35	< 10	36
L04N 03+25E	201	202	3	< 0.01	20	330	14	< 2	1	8	0.08	< 10	< 10	45	< 10	36
L04N 03+50E	201	202	4	< 0.01	21	460	6	< 2	1	6	0.06	< 10	< 10	28	< 10	48
L04N 03+75E	201	202	3	< 0.01	18	410	10	< 2	1	10	0.08	< 10	< 10	49	< 10	52
L04N 04+00E	201	202	1	< 0.01	2	150	2	< 2	< 1	4	0.06	< 10	< 10	40	< 10	10
L04N 04+25E	201	202	3	< 0.01	26	670	12	< 2	1	9	0.07	< 10	< 10	50	< 10	78
L04N 04+50E	201	202	< 1	< 0.01	4	400	8	2	1	8	0.06	< 10	< 10	27	< 10	30
L04N 04+75E	201	202	2	< 0.01	17	500	10	2	1	9	0.07	< 10	< 10	50	< 10	42
L04N 05+00E	201	202	9	< 0.01	10	240	8	2	1	10	0.08	< 10	< 10	61	< 10	20
L04N 05+25E	201	202	1	< 0.01	5	100	2	< 2	< 1	9	0.05	< 10	< 10	38	< 10	28
L05N 00+50E	201	202	< 1	< 0.01	11	520	8	< 2	1	4	0.05	< 10	< 10	36	< 10	66
L05N 00+75E	201	202	1	< 0.01	17	450	6	< 2	1	5	0.05	< 10	10	29	< 10	64

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD.

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Page Number : 1-A
Total Pages : 4
Certificate Date: 24-NOV-97
Invoice No. : I9750579
P.O. Number :
Account : LFV

CERTIFICATE OF ANALYSIS A9750579

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L05N 01+00E	201	202	< 5	0.2	1.81	< 2	50	< 0.5	< 2	0.11	< 0.5	5	38	15	3.95	< 10	< 1	0.03	< 10	0.22	175
L05N 01+25E	201	202	< 5	< 0.2	0.67	< 2	20	< 0.5	< 2	0.10	< 0.5	1	15	6	1.27	< 10	< 1	0.01	< 10	0.06	85
L05N 01+50E	201	202	< 5	0.4	1.68	< 2	40	< 0.5	< 2	0.14	< 0.5	4	30	11	1.98	< 10	< 1	0.02	< 10	0.18	130
L05N 01+75E	201	202	< 5	< 0.2	1.98	< 2	40	< 0.5	< 2	0.11	< 0.5	8	40	14	2.32	< 10	< 1	0.02	< 10	0.33	125
L05N 02+00E	201	202	< 5	< 0.2	0.61	< 2	10	< 0.5	< 2	0.09	< 0.5	< 1	13	3	0.64	< 10	< 1	0.01	< 10	0.05	40
L05N 02+25E	201	202	< 5	0.2	2.99	< 2	40	< 0.5	< 2	0.11	< 0.5	7	46	29	2.16	< 10	< 1	0.03	< 10	0.29	105
L05N 02+50E	201	202	< 5	< 0.2	2.42	< 2	30	< 0.5	< 2	0.12	< 0.5	10	49	28	2.21	< 10	< 1	0.02	< 10	0.45	215
L05N 02+75E	201	202	< 5	< 0.2	2.39	< 2	30	< 0.5	< 2	0.11	< 0.5	7	47	25	2.72	< 10	< 1	0.03	< 10	0.37	200
L05N 03+00E	201	202	< 5	< 0.2	0.74	< 2	10	< 0.5	< 2	0.04	< 0.5	1	12	4	0.91	< 10	< 1	0.01	< 10	0.05	45
L05N 03+25E	201	202	< 5	< 0.2	2.27	< 2	40	< 0.5	< 2	0.07	< 0.5	7	40	16	1.91	< 10	< 1	0.01	< 10	0.31	170
L05N 03+50E	201	202	< 5	< 0.2	2.19	< 2	40	< 0.5	< 2	0.09	< 0.5	7	38	25	2.39	< 10	< 1	0.01	< 10	0.37	150
L05N 03+75E	201	202	< 5	< 0.2	0.80	2	30	< 0.5	< 2	0.05	< 0.5	2	21	9	1.91	< 10	< 1	0.01	< 10	0.08	125
L05N 04+00E	201	202	< 5	0.2	2.76	2	50	< 0.5	< 2	0.11	< 0.5	9	51	14	3.07	< 10	< 1	0.03	< 10	0.36	200
L05N 04+25E	201	202	< 5	< 0.2	1.47	6	30	< 0.5	< 2	0.12	< 0.5	6	35	15	2.52	< 10	< 1	0.04	< 10	0.22	240
L05N 04+50E	201	202	< 5	0.2	2.28	< 2	60	< 0.5	< 2	0.14	< 0.5	8	51	18	3.36	< 10	< 1	0.03	< 10	0.35	275
L05N 04+75E	201	202	< 5	< 0.2	1.07	4	30	< 0.5	< 2	0.11	< 0.5	1	19	12	1.48	< 10	< 1	0.02	< 10	0.08	90
L05N 05+00E	201	202	< 5	< 0.2	2.29	< 2	30	< 0.5	< 2	0.14	< 0.5	6	48	22	2.34	< 10	< 1	0.03	< 10	0.38	155
L05N 05+00EA	201	202	< 5	< 0.2	1.47	2	50	< 0.5	< 2	0.12	< 0.5	4	31	11	1.85	< 10	< 1	0.03	< 10	0.22	595
L05N 05+25E	201	202	< 5	< 0.2	0.64	< 2	60	< 0.5	< 2	0.09	< 0.5	2	18	7	1.03	< 10	< 1	0.02	< 10	0.14	75
L05N 05+50E	201	202	< 5	< 0.2	1.49	< 2	50	< 0.5	< 2	0.14	< 0.5	6	40	11	1.71	< 10	< 1	0.03	< 10	0.30	215
L05N 05+75E	201	202	< 5	< 0.2	1.52	2	40	< 0.5	< 2	0.15	< 0.5	9	47	22	2.54	< 10	< 1	0.03	< 10	0.41	255
L05N 06+00E	201	202	< 5	< 0.2	1.37	2	50	< 0.5	< 2	0.14	< 0.5	7	40	17	2.55	< 10	< 1	0.04	< 10	0.33	330
L05N 06+25E	201	202	< 5	< 0.2	0.62	< 2	50	< 0.5	< 2	0.10	< 0.5	2	17	5	1.03	< 10	< 1	0.03	< 10	0.10	200
L05N 06+50E	201	202	< 5	< 0.2	2.20	< 2	30	< 0.5	< 2	0.14	< 0.5	10	53	15	2.60	< 10	< 1	0.04	< 10	0.40	195
L05N 06+75E	201	202	< 5	0.2	2.47	< 2	40	< 0.5	< 2	0.15	< 0.5	11	56	15	3.26	< 10	< 1	0.03	< 10	0.46	260
L05N 07+00E	201	202	< 5	< 0.2	0.51	< 2	10	< 0.5	< 2	0.05	< 0.5	1	12	3	0.83	< 10	< 1	< 0.01	< 10	0.03	30
L05N 07+25E	201	202	< 5	< 0.2	2.48	< 2	30	< 0.5	< 2	0.13	< 0.5	5	38	7	3.19	< 10	< 1	0.01	< 10	0.17	105
L06N 00+25E	201	202	< 5	0.2	1.93	2	50	< 0.5	< 2	0.17	< 0.5	6	50	15	2.72	< 10	< 1	0.04	< 10	0.36	160
L06N 00+50E	201	202	< 5	0.8	4.05	2	280	0.5	< 2	1.11	< 0.5	12	67	109	3.09	< 10	< 1	0.13	50	0.50	390
L06N 01+00E	201	202	< 5	< 0.2	0.60	< 2	30	< 0.5	< 2	0.14	< 0.5	1	15	6	1.01	< 10	< 1	0.04	< 10	0.08	50
L06N 01+25E	201	202	< 5	< 0.2	1.27	< 2	20	< 0.5	< 2	0.10	< 0.5	3	35	6	1.96	< 10	< 1	0.01	< 10	0.12	60
L06N 02+00E	201	202	< 5	< 0.2	1.04	2	20	< 0.5	< 2	0.09	< 0.5	3	32	11	2.09	< 10	< 1	0.02	< 10	0.16	75
L06N 03+50E	201	202	< 5	0.2	2.31	< 2	30	< 0.5	< 2	0.15	< 0.5	5	41	12	2.72	< 10	< 1	0.03	< 10	0.27	110
L06N 03+75E	201	202	< 5	< 0.2	0.85	< 2	20	< 0.5	< 2	0.12	< 0.5	1	14	3	1.20	< 10	< 1	0.01	< 10	0.06	50
L06N 04+00E	201	202	< 5	< 0.2	2.52	< 2	40	< 0.5	< 2	0.15	< 0.5	8	43	6	2.28	< 10	< 1	0.03	< 10	0.28	120
L06N 04+25E	201	202	< 5	< 0.2	0.85	2	30	< 0.5	< 2	0.10	< 0.5	4	24	7	1.43	< 10	< 1	0.03	< 10	0.14	270
L06N 04+50E	201	202	< 5	< 0.2	1.62	< 2	40	< 0.5	< 2	0.15	< 0.5	6	32	10	1.71	< 10	< 1	0.03	< 10	0.23	190
L06N 04+75E	201	202	< 5	0.2	2.12	< 2	40	< 0.5	< 2	0.12	< 0.5	5	30	6	1.94	< 10	< 1	0.02	< 10	0.16	100
L06N 05+00E	201	202	< 5	< 0.2	1.47	4	110	< 0.5	< 2	0.18	< 0.5	9	56	19	3.48	< 10	< 1	0.04	< 10	0.40	270
L08N 00+25E	201	202	< 5	< 0.2	2.98	< 2	70	0.5	< 2	0.11	< 0.5	15	54	14	3.62	< 10	< 1	0.09	< 10	0.41	275

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD.

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Certificate Date: 24-NOV-97
Invoice No. : I9750579
P.O. Number :
Account : LFV

CERTIFICATE OF ANALYSIS A9750579

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L05N 01+00E	201	202	4	< 0.01	14	570	10	< 2	1	9	0.09	< 10	< 10	51	< 10	76
L05N 01+25E	201	202	1	< 0.01	5	190	10	< 2	< 1	8	0.05	< 10	< 10	30	< 10	18
L05N 01+50E	201	202	< 1	< 0.01	16	260	10	< 2	1	10	0.07	< 10	< 10	32	< 10	40
L05N 01+75E	201	202	< 1	< 0.01	24	260	8	< 2	1	8	0.07	< 10	< 10	34	< 10	50
L05N 02+00E	201	202	< 1	< 0.01	4	110	8	< 2	< 1	10	0.05	< 10	< 10	19	< 10	12
L05N 02+25E	201	202	< 1	0.01	28	440	8	< 2	3	9	0.08	< 10	< 10	30	< 10	36
L05N 02+50E	201	202	< 1	< 0.01	33	340	8	< 2	2	7	0.06	< 10	< 10	33	< 10	32
L05N 02+75E	201	202	4	< 0.01	24	450	10	< 2	2	8	0.07	< 10	< 10	38	< 10	42
L05N 03+00E	201	202	< 1	< 0.01	3	160	6	< 2	< 1	3	0.03	< 10	< 10	19	< 10	12
L05N 03+25E	201	202	1	< 0.01	23	490	6	< 2	1	5	0.05	< 10	< 10	27	< 10	40
L05N 03+50E	201	202	13	< 0.01	29	440	8	< 2	1	6	0.05	< 10	< 10	30	< 10	42
L05N 03+75E	201	202	5	< 0.01	8	410	10	< 2	< 1	5	0.04	< 10	< 10	32	< 10	32
L05N 04+00E	201	202	< 1	< 0.01	30	640	10	< 2	2	6	0.07	< 10	< 10	41	< 10	60
L05N 04+25E	201	202	1	< 0.01	17	320	10	< 2	1	8	0.07	< 10	< 10	37	< 10	46
L05N 04+50E	201	202	< 1	< 0.01	25	490	12	< 2	2	10	0.09	< 10	< 10	48	< 10	58
L05N 04+75E	201	202	1	< 0.01	7	430	10	< 2	1	9	0.05	< 10	< 10	27	< 10	36
L05N 05+00E	201	202	< 1	< 0.01	22	490	6	< 2	2	9	0.07	< 10	< 10	33	< 10	44
L05N 05+00EA	201	202	< 1	< 0.01	11	810	10	< 2	1	10	0.06	< 10	< 10	29	< 10	60
L05N 05+25E	201	202	< 1	< 0.01	8	240	8	< 2	< 1	7	0.05	< 10	< 10	22	< 10	22
L05N 05+50E	201	202	< 1	< 0.01	21	330	8	< 2	1	10	0.06	< 10	< 10	27	< 10	46
L05N 05+75E	201	202	< 1	< 0.01	27	440	12	< 2	1	9	0.08	< 10	< 10	43	< 10	54
L05N 06+00E	201	202	< 1	< 0.01	22	420	8	< 2	1	10	0.08	< 10	< 10	42	< 10	56
L05N 06+25E	201	202	< 1	< 0.01	6	280	4	< 2	< 1	10	0.05	< 10	< 10	20	< 10	36
L05N 06+50E	201	202	< 1	< 0.01	30	350	10	< 2	2	9	0.07	< 10	< 10	34	< 10	28
L05N 06+75E	201	202	< 1	< 0.01	31	520	8	< 2	3	9	0.09	< 10	< 10	44	< 10	38
L05N 07+00E	201	202	< 1	< 0.01	3	70	4	< 2	< 1	6	0.03	< 10	< 10	26	< 10	16
L05N 07+25E	201	202	< 1	< 0.01	15	310	10	< 2	2	11	0.08	< 10	< 10	55	< 10	52
L06N 00+25E	201	202	1	< 0.01	23	330	8	< 2	2	12	0.10	< 10	< 10	43	< 10	44
L06N 00+50E	201	202	11	0.01	54	730	16	< 2	5	38	0.07	< 10	< 10	45	< 10	68
L06N 01+00E	201	202	4	< 0.01	6	100	8	< 2	1	11	0.07	< 10	< 10	36	< 10	14
L06N 01+25E	201	202	4	< 0.01	9	150	8	< 2	1	10	0.08	< 10	< 10	41	< 10	20
L06N 02+00E	201	202	< 1	< 0.01	12	160	8	< 2	1	8	0.07	< 10	< 10	47	< 10	22
L06N 03+50E	201	202	10	< 0.01	16	260	10	< 2	2	10	0.10	< 10	< 10	41	< 10	22
L06N 03+75E	201	202	1	< 0.01	5	110	6	< 2	1	13	0.07	< 10	< 10	28	< 10	20
L06N 04+00E	201	202	< 1	< 0.01	25	300	6	< 2	2	10	0.09	< 10	< 10	32	< 10	46
L06N 04+25E	201	202	1	< 0.01	8	170	8	< 2	1	10	0.06	< 10	< 10	30	< 10	32
L06N 04+50E	201	202	< 1	< 0.01	17	320	6	< 2	1	11	0.07	< 10	< 10	25	< 10	76
L06N 04+75E	201	202	< 1	< 0.01	15	390	6	< 2	1	9	0.08	< 10	< 10	28	< 10	62
L06N 05+00E	201	202	1	< 0.01	26	820	12	< 2	1	11	0.10	< 10	< 10	64	< 10	80
L08N 00+25E	201	202	< 1	< 0.01	60	510	16	< 2	3	8	0.07	< 10	< 10	38	< 10	84

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD.

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Certificate Date: 24-NOV-97
Invoice No. :19750579
P.O. Number :
Account :LFV

CERTIFICATE OF ANALYSIS A9750579

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L08N 00+50E	201	202	< 5	< 0.2	1.60	< 2	40	< 0.5	< 2	0.13	< 0.5	5	30	8	2.20	< 10	< 1	0.03	< 10	0.15	145
L08N 00+75E	201	202	< 5	< 0.2	1.29	< 2	30	< 0.5	< 2	0.19	< 0.5	7	45	12	1.84	< 10	< 1	0.04	< 10	0.47	160
L08N 01+00E	201	202	< 5	< 0.2	0.92	< 2	30	< 0.5	< 2	0.14	< 0.5	4	24	6	1.35	< 10	< 1	0.03	< 10	0.18	65
L08N 01+75E	201	202	< 5	< 0.2	0.36	< 2	40	< 0.5	< 2	0.08	0.5	1	11	13	0.35	< 10	< 1	0.01	< 10	0.01	15
L08N 02+00E	201	202	< 5	< 0.2	2.13	< 2	30	< 0.5	< 2	0.11	< 0.5	6	38	7	2.24	< 10	< 1	0.04	< 10	0.21	85
L08N 02+25E	201	202	< 5	< 0.2	2.22	< 2	30	< 0.5	< 2	0.12	< 0.5	6	36	24	1.98	< 10	< 1	0.02	< 10	0.19	75
L08N 02+50E	201	202	< 5	< 0.2	1.30	4	30	< 0.5	< 2	0.11	< 0.5	5	35	17	2.34	< 10	1	0.03	< 10	0.24	120
L08N 02+75E	201	202	< 5	< 0.2	1.67	< 2	40	< 0.5	< 2	0.17	< 0.5	5	37	17	2.05	< 10	< 1	0.05	< 10	0.28	100
L08N 03+00E	201	202	< 5	< 0.2	1.67	< 2	60	< 0.5	< 2	0.16	< 0.5	9	39	16	2.28	< 10	< 1	0.04	< 10	0.34	430
L08N 03+25E	201	202	< 5	< 0.2	2.32	< 2	40	< 0.5	< 2	0.13	< 0.5	5	39	11	2.21	< 10	1	0.03	< 10	0.23	105
L08N 03+50E	201	202	< 5	< 0.2	2.40	< 2	80	< 0.5	< 2	0.18	< 0.5	10	37	10	2.48	< 10	< 1	0.04	< 10	0.40	375
L08N 03+75E	201	202	< 5	< 0.2	1.97	< 2	30	< 0.5	< 2	0.09	< 0.5	4	33	10	2.14	< 10	< 1	0.02	< 10	0.18	100
L08N 04+00E	201	202	< 5	< 0.2	1.67	< 2	50	< 0.5	< 2	0.13	< 0.5	9	43	17	1.98	< 10	< 1	0.03	< 10	0.43	360
L08N 04+25E	201	202	< 5	0.2	0.98	< 2	70	< 0.5	< 2	0.15	< 0.5	5	26	13	1.69	< 10	< 1	0.04	< 10	0.12	465
L08N 04+50E	201	202	< 5	0.2	2.13	< 2	30	< 0.5	< 2	0.11	< 0.5	5	38	13	2.11	< 10	< 1	0.02	< 10	0.22	105
L08N 04+75E	201	202	< 5	< 0.2	2.40	2	30	< 0.5	< 2	0.16	< 0.5	7	53	18	3.46	< 10	< 1	0.03	< 10	0.33	180
L08N 05+00E	201	202	< 5	0.2	2.41	4	40	< 0.5	< 2	0.18	< 0.5	7	54	18	4.36	< 10	< 1	0.04	< 10	0.34	200
L08N 05+25E	201	202	< 5	0.2	2.10	< 2	40	< 0.5	< 2	0.18	< 0.5	7	47	14	2.93	< 10	< 1	0.04	< 10	0.38	215
L08N 05+50E	201	202	< 5	< 0.2	1.21	< 2	30	< 0.5	< 2	0.14	< 0.5	4	28	10	2.09	< 10	< 1	0.03	< 10	0.21	125
L08N 05+75E	201	202	< 5	0.2	2.18	< 2	30	< 0.5	< 2	0.14	< 0.5	5	40	14	2.14	< 10	< 1	0.02	< 10	0.23	110
L08N 06+00E	201	202	< 5	0.6	1.47	2	70	< 0.5	< 2	0.23	< 0.5	5	41	26	1.83	< 10	< 1	0.04	10	0.30	1120
L08N 06+25E	201	202	< 5	0.2	1.43	< 2	40	< 0.5	< 2	0.13	< 0.5	3	32	7	2.29	< 10	< 1	0.03	< 10	0.17	105
L08N 06+50E	201	202	< 5	0.2	1.25	< 2	40	< 0.5	< 2	0.16	< 0.5	8	36	50	1.60	< 10	< 1	0.03	< 10	0.47	285
L08N 06+75E	201	202	< 5	0.2	1.48	2	40	< 0.5	< 2	0.10	< 0.5	5	38	15	2.66	< 10	< 1	0.02	< 10	0.25	130
L08N 07+00E	201	202	< 5	0.2	1.69	2	40	< 0.5	< 2	0.11	< 0.5	8	47	16	3.09	< 10	< 1	0.03	< 10	0.32	230
L08N 07+25E	201	202	< 5	0.2	1.13	< 2	40	< 0.5	< 2	0.10	< 0.5	4	24	11	1.52	< 10	< 1	0.01	< 10	0.15	240
L08N 07+50E	201	202	< 5	0.2	2.02	< 2	40	< 0.5	< 2	0.13	< 0.5	6	39	11	2.60	< 10	< 1	0.03	< 10	0.23	150
L08N 07+75E	201	202	< 5	< 0.2	1.11	< 2	20	< 0.5	< 2	0.09	< 0.5	3	33	7	2.70	< 10	< 1	0.02	< 10	0.17	120
L08N 08+00E	201	202	< 5	< 0.2	2.68	< 2	40	< 0.5	< 2	0.19	< 0.5	11	58	27	2.64	< 10	< 1	0.03	< 10	0.49	320
L09N 00+25E	201	202	< 5	0.2	1.73	< 2	30	< 0.5	< 2	0.13	< 0.5	5	34	10	2.16	< 10	< 1	0.03	< 10	0.21	120
L09N 00+50E	201	202	< 5	< 0.2	1.72	< 2	40	< 0.5	< 2	0.14	< 0.5	5	31	5	2.18	< 10	< 1	0.03	< 10	0.19	165
L09N 00+75E	201	202	< 5	0.2	1.25	< 2	50	< 0.5	< 2	0.15	< 0.5	6	34	11	2.46	< 10	< 1	0.05	< 10	0.25	350
L09N 01+00E	201	202	< 5	0.2	2.06	< 2	50	< 0.5	< 2	0.15	< 0.5	7	41	14	2.58	< 10	1	0.04	< 10	0.33	280
L09N 01+25E	201	202	< 5	< 0.2	0.99	2	30	< 0.5	< 2	0.09	< 0.5	3	31	5	2.12	< 10	< 1	0.03	< 10	0.15	70
L09N 01+50E	201	202	< 5	< 0.2	1.35	< 2	40	< 0.5	< 2	0.14	< 0.5	5	39	11	2.82	< 10	< 1	0.03	< 10	0.27	130
L09N 02+00E	201	202	< 5	0.2	2.01	< 2	30	< 0.5	< 2	0.29	< 0.5	8	40	21	2.29	< 10	< 1	0.03	< 10	0.29	115
L09N 02+25E	201	202	< 5	< 0.2	1.43	< 2	40	< 0.5	< 2	0.17	< 0.5	6	38	19	2.26	< 10	< 1	0.03	< 10	0.26	100
L09N 02+50E	201	202	< 5	< 0.2	1.18	8	20	< 0.5	< 2	0.13	< 0.5	5	31	23	2.54	< 10	< 1	0.03	< 10	0.21	85
L09N 02+75E	201	202	< 5	< 0.2	0.62	< 2	30	< 0.5	< 2	0.11	< 0.5	1	19	11	1.34	< 10	< 1	0.01	< 10	0.10	55
L09N 03+00E	201	202	< 5	< 0.2	0.89	6	30	< 0.5	< 2	0.12	< 0.5	3	26	27	1.98	< 10	< 1	0.03	< 10	0.13	70

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD.

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Certificate Date: 24-NOV-97
Invoice No. : I9750579
P.O. Number :
Account : LFV

CERTIFICATE OF ANALYSIS A9750579

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L08N 00+50E	201	202	< 1	< 0.01	14	350	10	< 2	1	11	0.09	< 10	< 10	35	< 10	38
L08N 00+75E	201	202	< 1	< 0.01	22	90	6	< 2	2	14	0.10	< 10	< 10	32	< 10	26
L08N 01+00E	201	202	2	< 0.01	11	120	6	< 2	1	11	0.08	< 10	< 10	33	< 10	16
L08N 01+75E	201	202	5	< 0.01	7	200	14	< 2	< 1	12	0.01	< 10	< 10	11	< 10	18
L08N 02+00E	201	202	1	< 0.01	19	160	8	< 2	1	10	0.09	< 10	< 10	39	< 10	26
L08N 02+25E	201	202	< 1	< 0.01	22	180	8	< 2	1	10	0.08	< 10	< 10	33	< 10	26
L08N 02+50E	201	202	1	< 0.01	16	220	12	< 2	1	9	0.08	< 10	< 10	45	< 10	22
L08N 02+75E	201	202	3	0.01	27	190	10	< 2	2	14	0.10	< 10	< 10	38	< 10	34
L08N 03+00E	201	202	1	< 0.01	27	290	8	< 2	1	12	0.09	< 10	< 10	34	< 10	56
L08N 03+25E	201	202	1	< 0.01	16	600	8	< 2	2	10	0.08	< 10	< 10	36	< 10	46
L08N 03+50E	201	202	< 1	0.01	34	630	6	< 2	2	12	0.08	< 10	< 10	33	< 10	98
L08N 03+75E	201	202	1	< 0.01	11	370	10	< 2	1	8	0.07	< 10	< 10	30	< 10	46
L08N 04+00E	201	202	< 1	< 0.01	28	330	10	< 2	1	9	0.07	< 10	< 10	32	< 10	40
L08N 04+25E	201	202	< 1	< 0.01	13	730	12	< 2	1	13	0.04	< 10	< 10	28	< 10	58
L08N 04+50E	201	202	14	< 0.01	15	310	8	< 2	2	9	0.08	< 10	< 10	35	< 10	38
L08N 04+75E	201	202	< 1	< 0.01	22	750	12	< 2	2	12	0.09	< 10	< 10	46	< 10	54
L08N 05+00E	201	202	1	< 0.01	22	960	10	< 2	3	12	0.10	< 10	< 10	52	< 10	50
L08N 05+25E	201	202	4	< 0.01	22	360	8	< 2	2	13	0.10	< 10	< 10	37	< 10	36
L08N 05+50E	201	202	16	< 0.01	11	230	8	< 2	1	12	0.09	< 10	< 10	35	< 10	40
L08N 05+75E	201	202	15	0.01	15	300	6	< 2	2	12	0.10	< 10	< 10	38	< 10	38
L08N 06+00E	201	202	22	< 0.01	20	350	8	< 2	2	15	0.06	< 10	< 10	31	< 10	80
L08N 06+25E	201	202	2	< 0.01	10	250	8	< 2	1	12	0.08	< 10	< 10	35	< 10	42
L08N 06+50E	201	202	6	< 0.01	24	150	8	< 2	1	10	0.07	< 10	< 10	24	< 10	36
L08N 06+75E	201	202	1	< 0.01	18	270	12	< 2	1	7	0.08	< 10	< 10	39	< 10	34
L08N 07+00E	201	202	< 1	< 0.01	21	600	12	< 2	1	8	0.06	< 10	< 10	41	< 10	50
L08N 07+25E	201	202	< 1	< 0.01	12	420	8	< 2	1	9	0.06	< 10	< 10	24	< 10	54
L08N 07+50E	201	202	< 1	< 0.01	16	510	8	< 2	1	10	0.06	< 10	< 10	34	< 10	52
L08N 07+75E	201	202	< 1	< 0.01	9	300	8	< 2	1	8	0.09	< 10	< 10	48	< 10	32
L08N 08+00E	201	202	< 1	< 0.01	31	480	10	< 2	3	12	0.09	< 10	< 10	40	< 10	78
L09N 00+25E	201	202	< 1	< 0.01	16	480	8	< 2	1	11	0.06	< 10	< 10	29	< 10	34
L09N 00+50E	201	202	< 1	< 0.01	15	400	8	< 2	1	12	0.08	< 10	< 10	31	< 10	32
L09N 00+75E	201	202	< 1	< 0.01	14	1160	8	< 2	1	11	0.06	< 10	< 10	30	< 10	50
L09N 01+00E	201	202	< 1	< 0.01	23	680	8	< 2	1	11	0.07	< 10	< 10	32	< 10	68
L09N 01+25E	201	202	1	< 0.01	10	880	8	< 2	1	8	0.06	< 10	< 10	36	< 10	30
L09N 01+50E	201	202	< 1	< 0.01	16	420	8	< 2	1	10	0.08	< 10	< 10	44	< 10	34
L09N 02+00E	201	202	< 1	0.01	25	270	8	< 2	2	17	0.10	< 10	< 10	40	< 10	20
L09N 02+25E	201	202	13	< 0.01	21	220	10	< 2	1	13	0.08	< 10	< 10	39	< 10	40
L09N 02+50E	201	202	16	< 0.01	18	170	14	< 2	1	10	0.08	< 10	< 10	43	< 10	20
L09N 02+75E	201	202	9	< 0.01	9	140	8	< 2	< 1	9	0.08	< 10	< 10	36	< 10	14
L09N 03+00E	201	202	13	< 0.01	14	240	14	< 2	1	10	0.06	< 10	< 10	40	< 10	28

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD.

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Certificate Date: 24-NOV-97
Invoice No. : I9750579
P.O. Number :
Account : LFV

CERTIFICATE OF ANALYSIS A9750579

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L09N 03+25E	201	202	< 5	< 0.2	0.78	4	40	< 0.5	< 2	0.14	< 0.5	2	21	6	1.60	< 10	< 1	0.02	< 10	0.09	65
L09N 03+50E	201	202	< 5	< 0.2	1.44	6	30	< 0.5	< 2	0.14	< 0.5	4	33	12	1.89	< 10	< 1	0.03	< 10	0.21	100
L09N 03+75E	201	202	< 5	0.2	2.49	< 2	70	< 0.5	< 2	0.20	< 0.5	13	64	26	2.99	< 10	< 1	0.05	< 10	0.56	370
L09N 04+50E	201	202	< 5	0.2	2.02	2	60	< 0.5	< 2	0.15	< 0.5	8	51	13	3.91	< 10	< 1	0.03	< 10	0.33	310
L09N 04+75E	201	202	< 5	< 0.2	0.57	< 2	30	< 0.5	< 2	0.14	< 0.5	1	13	2	0.71	< 10	< 1	0.01	< 10	0.07	65
L09N 05+00E	201	202	< 5	< 0.2	0.91	4	50	< 0.5	< 2	0.18	< 0.5	9	30	18	2.44	< 10	< 1	0.05	< 10	0.29	570
L09N 05+25E	201	202	< 5	0.2	1.75	< 2	30	< 0.5	< 2	0.16	< 0.5	5	44	8	2.98	< 10	< 1	0.03	< 10	0.24	165
L09N 05+50E	201	202	< 5	< 0.2	1.21	< 2	40	< 0.5	< 2	0.11	< 0.5	3	31	7	2.83	< 10	< 1	0.03	< 10	0.15	130
L09N 05+75E	201	202	< 5	< 0.2	0.59	< 2	20	< 0.5	< 2	0.10	< 0.5	1	15	8	1.05	< 10	< 1	0.01	< 10	0.07	70
L09N 06+25E	201	202	< 5	< 0.2	0.47	< 2	40	< 0.5	< 2	0.06	< 0.5	< 1	16	2	1.32	< 10	< 1	0.04	< 10	0.05	55
L09N 06+50E	201	202	< 5	< 0.2	0.49	< 2	10	< 0.5	< 2	0.06	< 0.5	1	16	4	1.14	< 10	< 1	0.01	< 10	0.06	60
L09N 06+75E	201	202	< 5	0.2	2.17	4	30	< 0.5	< 2	0.15	< 0.5	8	50	20	2.31	< 10	< 1	0.03	< 10	0.35	175
L09N 07+00E	201	202	< 5	< 0.2	2.38	< 2	40	< 0.5	< 2	0.13	< 0.5	6	42	10	2.52	< 10	< 1	0.03	< 10	0.23	180
L09N 07+25E	201	202	< 5	< 0.2	2.22	< 2	30	< 0.5	< 2	0.15	< 0.5	6	36	7	2.30	< 10	< 1	0.03	< 10	0.22	120
L09N 07+50E	201	202	< 5	< 0.2	1.21	< 2	30	< 0.5	< 2	0.13	< 0.5	4	35	12	2.77	< 10	< 1	0.04	< 10	0.23	100
L09N 07+75E	201	202	< 5	0.2	1.60	< 2	30	< 0.5	< 2	0.06	< 0.5	5	39	11	3.29	< 10	< 1	0.01	< 10	0.24	105
L09N 08+00E	201	202	< 5	< 0.2	1.86	2	30	< 0.5	< 2	0.08	< 0.5	6	52	16	3.42	< 10	< 1	0.01	< 10	0.28	215
L10N 00+25E	201	202	< 5	< 0.2	0.34	2	40	< 0.5	< 2	0.08	< 0.5	1	11	17	0.53	< 10	< 1	0.02	< 10	0.05	70
L10N 00+50E	201	202	< 5	< 0.2	1.29	< 2	40	< 0.5	< 2	0.09	< 0.5	4	28	5	1.63	< 10	< 1	0.02	< 10	0.13	110
L10N 00+75E	201	202	< 5	< 0.2	1.47	< 2	40	< 0.5	< 2	0.13	< 0.5	4	33	10	1.81	< 10	< 1	0.02	< 10	0.21	150
L10N 01+00E	201	202	< 5	< 0.2	2.42	< 2	30	< 0.5	< 2	0.13	< 0.5	7	42	13	2.43	< 10	1	0.03	10	0.38	155
L10N 01+25E	201	202	< 5	< 0.2	2.26	< 2	60	< 0.5	< 2	0.22	< 0.5	5	37	7	1.71	< 10	< 1	0.03	< 10	0.25	270
L10N 01+50E	201	202	< 5	< 0.2	1.12	< 2	60	< 0.5	< 2	0.09	< 0.5	4	27	5	1.70	< 10	< 1	0.03	< 10	0.18	545
L10N 01+75E	201	202	< 5	0.2	1.87	< 2	40	< 0.5	< 2	0.07	< 0.5	3	27	6	3.41	< 10	1	0.01	< 10	0.08	155
L10N 02+00E	201	202	< 5	< 0.2	0.94	< 2	40	< 0.5	< 2	0.09	< 0.5	3	26	9	2.39	< 10	< 1	0.03	< 10	0.18	195
L10N 02+25E	201	202	< 5	< 0.2	0.85	4	30	< 0.5	< 2	0.09	< 0.5	2	24	9	2.03	< 10	< 1	0.02	< 10	0.12	95
L10N 02+50E	201	202	< 5	< 0.2	1.65	< 2	40	< 0.5	< 2	0.12	< 0.5	3	33	4	2.61	< 10	< 1	0.02	< 10	0.16	110
L10N 02+75E	201	202	< 5	< 0.2	0.96	< 2	40	< 0.5	< 2	0.11	< 0.5	3	25	7	2.02	< 10	< 1	0.03	< 10	0.14	105
L10N 03+00E	201	202	< 5	< 0.2	0.94	< 2	60	< 0.5	< 2	0.07	< 0.5	3	21	6	1.78	< 10	< 1	0.01	< 10	0.14	145
L10N 03+25E	201	202	< 5	< 0.2	0.47	< 2	20	< 0.5	< 2	0.06	< 0.5	1	14	5	0.73	< 10	< 1	0.01	< 10	0.08	55
L10N 03+50E	201	202	< 5	< 0.2	2.01	< 2	30	< 0.5	< 2	0.06	< 0.5	3	30	8	2.10	< 10	< 1	0.01	< 10	0.12	100
L10N 03+75E	201	202	< 5	< 0.2	1.57	4	40	< 0.5	< 2	0.08	< 0.5	5	35	12	2.46	< 10	< 1	0.02	< 10	0.23	150
L10N 04+00E	201	202	< 5	< 0.2	1.41	< 2	50	< 0.5	< 2	0.11	< 0.5	5	36	12	1.92	< 10	< 1	0.03	< 10	0.27	195
L10N 04+25E	201	202	< 5	< 0.2	1.76	2	80	< 0.5	< 2	0.31	< 0.5	10	45	19	2.08	< 10	< 1	0.04	10	0.42	220
L10N 04+50E	201	202	< 5	< 0.2	0.95	< 2	140	< 0.5	< 2	0.21	< 0.5	3	30	6	2.47	< 10	< 1	0.04	< 10	0.17	260
L10N 04+75E	201	202	< 5	< 0.2	1.49	< 2	40	< 0.5	< 2	0.12	< 0.5	4	31	6	2.31	< 10	< 1	0.02	< 10	0.17	140
L10N 05+00E	201	202	< 5	< 0.2	1.93	< 2	40	< 0.5	< 2	0.11	< 0.5	5	38	7	2.62	< 10	< 1	0.02	< 10	0.20	185
L10N 05+25E	201	202	< 5	< 0.2	2.35	< 2	20	< 0.5	< 2	0.10	< 0.5	6	43	18	2.42	< 10	< 1	0.01	< 10	0.27	120
L10N 05+50E	201	202	< 5	< 0.2	1.20	2	40	< 0.5	< 2	0.08	< 0.5	7	33	14	2.23	< 10	< 1	0.03	< 10	0.25	160
L10N 05+75E	201	202	< 5	< 0.2	0.27	< 2	20	< 0.5	< 2	0.07	< 0.5	< 1	8	1	0.38	< 10	< 1	0.01	< 10	0.04	40

CERTIFICATION:_____

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5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
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To: BAIN, DUNCAN CONSULTING LTD.

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CERTIFICATE OF ANALYSIS A9750579

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L09N 03+25E	201	202	14	< 0.01	8	120	10	< 2	1	11	0.08	< 10	< 10	46	< 10	24
L09N 03+50E	201	202	3	< 0.01	18	150	8	< 2	2	14	0.10	< 10	< 10	42	< 10	20
L09N 03+75E	201	202	< 1	0.01	41	290	8	< 2	3	14	0.10	< 10	< 10	45	< 10	38
L09N 04+50E	201	202	5	< 0.01	22	460	8	< 2	2	11	0.11	< 10	< 10	58	< 10	70
L09N 04+75E	201	202	< 1	< 0.01	4	80	6	< 2	1	14	0.07	< 10	< 10	19	< 10	24
L09N 05+00E	201	202	3	0.01	13	450	14	< 2	3	13	0.06	< 10	< 10	32	< 10	88
L09N 05+25E	201	202	3	< 0.01	13	430	8	< 2	2	14	0.10	< 10	< 10	43	< 10	60
L09N 05+50E	201	202	7	< 0.01	9	240	8	< 2	1	11	0.11	< 10	< 10	63	< 10	32
L09N 05+75E	201	202	29	< 0.01	5	90	8	< 2	1	12	0.09	< 10	< 10	36	< 10	16
L09N 06+25E	201	202	2	< 0.01	6	70	4	< 2	< 1	7	0.06	< 10	< 10	34	< 10	12
L09N 06+50E	201	202	< 1	< 0.01	6	100	6	< 2	< 1	9	0.10	< 10	< 10	45	< 10	10
L09N 06+75E	201	202	< 1	< 0.01	27	370	10	< 2	2	11	0.08	< 10	< 10	34	< 10	52
L09N 07+00E	201	202	< 1	< 0.01	20	450	8	< 2	2	10	0.07	< 10	< 10	37	< 10	58
L09N 07+25E	201	202	< 1	< 0.01	18	380	8	< 2	2	12	0.10	< 10	< 10	35	< 10	64
L09N 07+50E	201	202	1	< 0.01	12	300	10	< 2	1	12	0.10	< 10	< 10	49	< 10	36
L09N 07+75E	201	202	1	< 0.01	15	270	10	2	1	4	0.08	< 10	< 10	41	< 10	42
L09N 08+00E	201	202	< 1	< 0.01	16	450	10	< 2	1	4	0.06	< 10	< 10	44	< 10	68
L10N 00+25E	201	202	< 1	< 0.01	10	270	18	< 2	< 1	8	0.01	< 10	< 10	10	< 10	18
L10N 00+50E	201	202	< 1	< 0.01	12	360	6	< 2	1	9	0.05	< 10	< 10	22	< 10	34
L10N 00+75E	201	202	< 1	< 0.01	16	490	6	< 2	1	11	0.07	< 10	< 10	30	< 10	52
L10N 01+00E	201	202	< 1	< 0.01	25	670	4	2	2	8	0.07	< 10	< 10	33	< 10	44
L10N 01+25E	201	202	< 1	< 0.01	19	750	6	< 2	1	18	0.06	< 10	< 10	27	< 10	80
L10N 01+50E	201	202	< 1	< 0.01	12	570	6	< 2	1	7	0.02	< 10	< 10	25	< 10	80
L10N 01+75E	201	202	1	< 0.01	7	790	10	< 2	1	7	0.07	< 10	< 10	44	< 10	36
L10N 02+00E	201	202	2	< 0.01	11	690	8	< 2	1	8	0.07	< 10	< 10	39	< 10	44
L10N 02+25E	201	202	4	< 0.01	10	370	16	< 2	< 1	7	0.06	< 10	< 10	35	< 10	36
L10N 02+50E	201	202	1	< 0.01	11	260	8	< 2	1	10	0.10	< 10	< 10	43	< 10	66
L10N 02+75E	201	202	< 1	< 0.01	11	290	8	< 2	1	8	0.07	< 10	< 10	36	< 10	30
L10N 03+00E	201	202	1	< 0.01	10	210	6	< 2	< 1	7	0.04	< 10	< 10	29	< 10	30
L10N 03+25E	201	202	3	< 0.01	6	100	10	< 2	< 1	5	0.04	< 10	< 10	17	< 10	18
L10N 03+50E	201	202	1	< 0.01	13	490	6	< 2	1	5	0.04	< 10	< 10	32	< 10	36
L10N 03+75E	201	202	< 1	< 0.01	20	980	8	< 2	1	6	0.04	< 10	< 10	37	< 10	38
L10N 04+00E	201	202	< 1	< 0.01	18	960	6	< 2	1	8	0.05	< 10	< 10	32	< 10	48
L10N 04+25E	201	202	< 1	0.01	37	340	8	< 2	2	18	0.09	< 10	< 10	33	< 10	52
L10N 04+50E	201	202	3	< 0.01	10	360	8	< 2	1	16	0.10	< 10	< 10	44	< 10	150
L10N 04+75E	201	202	3	< 0.01	9	290	8	< 2	1	10	0.09	< 10	< 10	41	< 10	42
L10N 05+00E	201	202	1	< 0.01	13	590	8	< 2	1	8	0.08	< 10	< 10	39	< 10	96
L10N 05+25E	201	202	4	< 0.01	17	730	10	< 2	1	8	0.08	< 10	< 10	37	< 10	32
L10N 05+50E	201	202	11	< 0.01	16	310	12	< 2	1	8	0.07	< 10	< 10	37	< 10	24
L10N 05+75E	201	202	7	< 0.01	2	80	2	< 2	< 1	6	0.05	< 10	< 10	15	< 10	16

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD.

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Certificate Date: 24-NOV-97
Invoice No. :I9750579
P.O. Number :
Account :LFV

CERTIFICATE OF ANALYSIS A9750579

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L10N 06+00E	201	202	< 5	< 0.2	0.46	< 2	10	< 0.5	< 2	0.11	< 0.5	1	13	3	0.57	< 10	< 1	0.01	< 10	0.07	40
L10N 06+25E	201	202	< 5	< 0.2	0.49	< 2	50	< 0.5	< 2	0.20	< 0.5	3	21	19	0.92	< 10	< 1	0.03	< 10	0.15	65
L10N 06+50E	201	202	< 5	< 0.2	0.96	< 2	30	< 0.5	< 2	0.11	< 0.5	3	27	5	2.16	< 10	< 1	0.01	< 10	0.18	75
L10N 06+75E	201	202	< 5	< 0.2	1.30	< 2	30	< 0.5	< 2	0.05	< 0.5	2	23	4	1.84	< 10	< 1	0.01	< 10	0.10	60
L10N 07+00E	201	202	< 5	< 0.2	0.76	< 2	30	< 0.5	< 2	0.05	< 0.5	1	19	4	1.63	< 10	< 1	0.01	< 10	0.10	50
L10N 07+25E	201	202	< 5	< 0.2	1.63	2	20	< 0.5	< 2	0.11	< 0.5	7	50	17	3.32	< 10	< 1	0.02	< 10	0.36	135
L11N 00+50E	201	202	< 5	< 0.2	1.32	< 2	50	< 0.5	< 2	0.13	< 0.5	4	41	9	2.93	< 10	< 1	0.03	< 10	0.24	120
L11N 00+75E	201	202	< 5	< 0.2	2.35	2	60	< 0.5	< 2	0.14	< 0.5	7	48	9	2.98	< 10	< 1	0.03	< 10	0.32	185
L11N 01+00E	201	202	< 5	< 0.2	2.09	< 2	50	< 0.5	< 2	0.10	< 0.5	6	41	12	2.94	< 10	< 1	0.03	< 10	0.24	205
L11N 01+25E	201	202	< 5	< 0.2	1.83	< 2	30	< 0.5	< 2	0.09	< 0.5	3	34	9	2.31	< 10	< 1	0.01	< 10	0.12	75
L11N 01+50E	201	202	< 5	< 0.2	1.52	4	40	< 0.5	< 2	0.09	< 0.5	7	36	11	2.71	< 10	< 1	0.03	< 10	0.23	280
L11N 01+75E	201	202	< 5	< 0.2	0.42	2	30	< 0.5	< 2	0.05	< 0.5	< 1	11	5	0.99	< 10	< 1	0.01	< 10	0.04	35
L11N 02+25E	201	202	< 5	< 0.2	0.63	< 2	30	< 0.5	< 2	0.09	< 0.5	3	17	6	0.97	< 10	< 1	0.02	< 10	0.14	75
L11N 02+50E	201	202	< 5	< 0.2	1.33	< 2	70	< 0.5	< 2	0.22	< 0.5	8	34	22	1.35	< 10	< 1	0.03	10	0.41	305
L11N 02+75E	201	202	< 5	< 0.2	0.91	< 2	20	< 0.5	< 2	0.13	< 0.5	7	29	11	1.67	< 10	< 1	0.01	< 10	0.32	150
L11N 03+00E	201	202	< 5	< 0.2	0.31	< 2	10	< 0.5	< 2	0.10	< 0.5	1	11	5	0.32	< 10	< 1	0.01	< 10	0.05	30
L11N 03+25E	201	202	< 5	< 0.2	0.88	< 2	10	< 0.5	< 2	0.06	< 0.5	2	23	6	1.54	< 10	< 1	0.01	< 10	0.12	60
L11N 03+50E	201	202	< 5	< 0.2	1.27	2	40	< 0.5	< 2	0.07	< 0.5	7	36	13	2.15	< 10	< 1	0.01	< 10	0.28	155
L11N 03+75E	201	202	< 5	< 0.2	0.38	< 2	10	< 0.5	< 2	0.05	< 0.5	1	15	5	0.78	< 10	< 1	0.01	< 10	0.08	45
L11N 04+00E	201	202	< 5	< 0.2	2.46	< 2	100	< 0.5	< 2	0.10	< 0.5	12	54	45	2.61	< 10	< 1	0.05	< 10	0.36	190
L11N 04+25E	201	202	< 5	< 0.2	1.24	2	30	< 0.5	< 2	0.10	< 0.5	5	41	13	3.08	< 10	< 1	0.02	< 10	0.24	110

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: BAIN, DUNCAN CONSULTING LTD.

UNIT 17, 1318 HIGHBURY AVE.
LONDON, ON
N5Y 5E5

Project : RIB LK
Comments: ATTN: DUNCAN BAIN

Certificate Date: 24-NOV-97
Invoice No. : 19750579
P.O. Number :
Account : LFV

CERTIFICATE OF ANALYSIS A9750579

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L10N 06+00E	201	202	11	< 0.01	4	120	6	< 2	< 1	8	0.06	< 10	< 10	21	< 10	18
L10N 06+25E	201	202	7	< 0.01	9	250	6	< 2	< 1	7	0.03	< 10	< 10	20	< 10	24
L10N 06+50E	201	202	6	< 0.01	10	210	8	< 2	< 1	6	0.05	< 10	< 10	28	< 10	32
L10N 06+75E	201	202	< 1	< 0.01	7	290	6	< 2	< 1	4	0.04	< 10	< 10	24	< 10	26
L10N 07+00E	201	202	< 1	< 0.01	6	160	8	< 2	< 1	6	0.07	< 10	< 10	41	< 10	24
L10N 07+25E	201	202	1	< 0.01	20	320	10	< 2	1	8	0.09	< 10	< 10	44	< 10	32
L11N 00+50E	201	202	1	< 0.01	18	370	6	< 2	1	10	0.09	< 10	< 10	35	< 10	44
L11N 00+75E	201	202	< 1	< 0.01	20	620	8	< 2	2	10	0.08	< 10	< 10	40	< 10	62
L11N 01+00E	201	202	< 1	< 0.01	16	480	10	< 2	1	9	0.07	< 10	< 10	40	< 10	68
L11N 01+25E	201	202	1	< 0.01	9	690	6	< 2	1	6	0.05	< 10	< 10	35	< 10	50
L11N 01+50E	201	202	< 1	< 0.01	16	720	8	< 2	1	7	0.06	< 10	< 10	31	< 10	40
L11N 01+75E	201	202	< 1	< 0.01	4	260	8	< 2	< 1	5	0.03	< 10	< 10	21	< 10	12
L11N 02+25E	201	202	5	< 0.01	7	170	6	< 2	< 1	7	0.06	< 10	< 10	27	< 10	22
L11N 02+50E	201	202	2	< 0.01	24	270	6	< 2	1	13	0.05	< 10	< 10	21	< 10	70
L11N 02+75E	201	202	1	< 0.01	17	220	8	< 2	1	7	0.06	< 10	< 10	28	< 10	22
L11N 03+00E	201	202	2	< 0.01	5	90	10	< 2	< 1	8	0.05	< 10	< 10	10	< 10	8
L11N 03+25E	201	202	4	< 0.01	8	210	6	< 2	< 1	6	0.06	< 10	< 10	32	< 10	14
L11N 03+50E	201	202	2	< 0.01	17	360	8	< 2	1	5	0.06	< 10	< 10	37	< 10	32
L11N 03+75E	201	202	4	< 0.01	5	140	8	2	< 1	4	0.04	< 10	< 10	23	< 10	10
L11N 04+00E	201	202	23	< 0.01	43	280	14	< 2	2	8	0.06	< 10	< 10	42	< 10	38
L11N 04+25E	201	202	5	< 0.01	16	280	12	2	1	8	0.11	< 10	< 10	57	< 10	26

CERTIFICATION: _____

APPENDIX 'B' - ROCK and SOIL SAMPLE NOTES

ROCK SAMPLE DESCRIPTION

756451 - bedded mafic tuff, mod. silicified, weathers brown/grey, fresh green/grey granular, bedding 192/78E; 3% dissem. to discontinuous stringer py, cpy (born)-(mal), esp along fract. faces, ± stringer qtz

756452 - bedded mafic tuff cut by shear at 098/83S; with 3% dissem. to discontin. stringer py/cpy

756453 - massive black mafic tuff, fractures, with fracture coatings of qtz/chlor; a well bedded unit lies E of this; diabase dyke cuts tuff at 060/84N; dyke contains several qtz/py/cpy veins to 10 cm wide, avg 5 cm; sample of vein material

756454 - float from pipeline road area, probably from trench within 10 m either N or S of site; banded chert and silic. black mafic with pink feld. blotches; with 5% patchy py/cpy/mal

756455 - rusty weathering black massive ultramafic with 5% patchy py (cpy)

756456 - 8% stringer py/cpy along fracture planes following faint foliation/layering

756457 - silicified breccia contact zone, very silic., rusty, 1% py, minor Cu stain

756458 - coarse gr. granitic hbld-feld-qtz granodiorite to diorite weathers buff-pale green, fresh med grey-green to buff; 30% hbld; 1% dissem py, occas. rusty weathering

756459 - float, angular; blue-grey f. gr. massive andesite tuff, occas. feld. laths; 1% dissem. py

756460 - granite; mostly pink; rusty shear in granite with 1/2% dissem. py

756551 - med. gr. grey green mafic intrusive (gabbro?); 3% dissem and discontinuous stringer py/cpy; mod. silicified

756552 - mod. silic. f. gr. grey green mafic flow?, with 8-10% massive and stringer py

756553 - qtz-py-cpy stringers along fract. planes in med. gr. med. green/lt green "bleached" gabbro

756554 - f. gr. mafic flow, phenoxsts well layered; with lens of 8% massive and stringer py

756555 - v. siliceous banded rexstll.felsic flow, with 2% dissem. py, minor cpy and Cu staining

756556 - well layered black chert, with 1% discont. py (cpy) stringers, minor Cu mal stain

756557 - 756559 rusty weathering black layered sheared chert, with 1%-4% py/cpy stringers along foliation

756560 - dk grey mafic flow with 1% py stringers

756561 - pale grey well layered v. silic. rexstll. felsic flow; pale green tinge of epidote or Cu; Au potential

756562 - well layered mafic, f. gr flow, with 1% py stringers along fract. planes

756563 - qtz with 5% dissem. py/cpy, minimum 10 cm wide; qtz is probably part of rexstll felsic chert horizon; Au potential

756564 - malachite stained rexstll chert

756565 - strongly mal. stained rexstll rhyolite flow/chert, minor 1% py

756566 - intermed/mafic tuff, v. rusty, with 5-8% dissem and stringer py/cpy along fol.

756567 - rexstll bedded felsic flow, with mal/azur stain

756568 - qtz with 3-4% f. gr. dissem py/cpy (like 756563); probable rexstll rhyolite flow or tuff

756569 - boulder of rexstll chert/rhyolite, mal/Fe stain, with 1-2% dissem. py

756570 - gabbro, med-f. gr dk grey-green, cut by qtz-epid veinlets, rusty; veinlets to 5 cm wide, with 2% dissem py along fract planes

Soil Sampling Rib Lake Property

Samplers Gary C Dunn
Jonathan Dunn
November 4-15th 1997

Line 0+00 N

Station	Soil Horizon	Remarks
0+00 W	B1	Grey/brown till
0+25 W	B1	Brown, sandy till
0+50 W	B1	" "
0+75 W	B1	" "
1+00 W	B1	Brown pebbly till
1+25 W	B1	" "

Highway right of way

Line 1+00 N

1+50 W	B1	Brown sandy till
1+25 W	B1	Brown, pebbly till
1+00 W	B1	" "
0+75 W	B1	" "
0+50 W	B1	Brown sandy till
0+25 W	B1	Grey/brown sandy till

Line 2+00 N

Station	Horizon	Remarks
0+25 W	B1	Brown, sandy till
0+50 W	"	" "
0+75 W	"	" "
1+00 W	"	DK " "
1+25 W	B1	Brown, pebbly till
1+50 W	B1	" "
1+75 W	B1	Brown Sandy till
	Highway right-of-way	
0+25 E	B1	Disturbed gravel (pipeline right of way)
0+50 E	B1	Dark brown sandy till
0+75 E	B1	Brown sandy till
1+00 E	B1	" "
1+25 E	"	" "
1+50 E	"	" "
1+75 E	B1	Dark brown sandy till
2+00 E	"	Brown, sandy till
2+25 E	"	" "
2+50 E	"	" "
2+75 E	"	" "
3+00 E	"	" "
3+25 E	B1	Brown pebbly till
3+50 E	"	Dark organics
3+75 E	"	Brown sandy till
	Railway right-of-way	

Line 3+00 N

Station	Horizon	Remarks
	Highway	
2+00 W	B1	Brown, sandy till
1+75 W	"	" "
1+50 W	"	" "
1+25 W	"	Black, pebbly till
1+00 W	"	Brown, sandy till
0+75 W	"	" "
0+50 W	"	" "
0+25 W	?	reworked material..pipeline
0+00		N/S
0+25 E		"
0+50 E	B1	Dark brown till
0+75 E	"	Grey pebbly till
1+00 E	"	Brown sandy till
1+25 E	"	" "
1+50 E	"	Brown pebbly till
1+75 E	"	Brown, sandy till
2+00 E	"	" "
2+25 E	B1	Brown pebbly till
2+50 E	"	" "
2+75 E	"	" "
3+00 E	"	Brown sandy till
3+25 E	"	" "
3+50 E	"	" "
3+75 E	"	Brown, pebbly till
4+00 E	"	Brown, sandy till
4+25 E	"	" "
4+50 E	"	" "

Line 4+00 N

Station	Horizon	Remarks
0+00 W	N/S	Pipeline right of way
0+25 W	"	"
0+50 W	B1	Dark brown till
0+75 W	"	Brown, sandy till
1+00 W	"	" "
1+25 W	"	grey, pebbly till in boulders
1+50 W	"	Dark/grey sandy till in boulders
1+75 W	"	" "
2+00 W	"	" "
2+25 W	"	Brown till in boulders

Highway

0+00 E	N/S	
0+25 E	N/S	
0+75 E	N/S	boulders
1+00 E	"	"
1+25 E	B1	Brown, sandy till
1+50 E	"	" "
1+75 E	B1	Brown, pebbly till
2+00 E	"	" "
2+25 E	"	" "
2+50 E	"	" "
2+75 E	"	" "
3+00 E	"	" "
3+25 E	"	" "
3+50 E	"	" "
3+75 E	"	" "
4+00 E	"	" "

Line 4+00 N continued

Station	Horizon	Remarks
4+25 E	B1	Brown pebbly till
4+50 E	"	Dark brown pebbly till
4+75 E	"	" "
5+00 E	"	Brown, sandy till
5+25 E	"	Brown, pebbly till
5+50 E	Pond next to railway	

Line 5+00 N

0+25 W		Pipeline
0+50 W		"
0+75 W	B1	Brown, sandy till
1+00 W	"	" "
1+25 W	"	" "
1+50 W	"	" "
1+75 W	"	Brown, pebbly till
2+00 W	N/S	boulders
2+25 W	"	"
2+50 W	B1	Brown, sandy till

0+00 E	N/S	Pipeline
0+25 E	"	"
0+50 E	B1	Brown, pebbly till
0+75 E	"	" "
1+00 E	"	" "
1+25 E	"	" "
1+50 E	"	" "
1+75 E	"	" "
2+00 E	"	" "

Line 5+00 N continued

Station	Horizon	Remarks
2+25 E	B1	Brown, pebbly till
2+50 E	"	" "
2+75 E	"	" "
3+00 E	"	" "
3+25 E	"	" "
3+50 E	"	DK "
3+75 E	"	" "
4+00 E	"	Brown, pebbly till
4+25 E	B1	" "
4+50 E	"	" "
4+75 E	"	" "
5+00 E	"	" "

Line 6+00 N

Station	Horizon	Remarks
Highway right of way		
2+50 W	B1	Brown, sandy till
2+25 W	"	"
2+00 W	N/S	boulders
1+75 W	B1	Brown, pebbly till
1+50 W	"	Brown, sandy till
1+25 W	"	" "
1+00 W	"	brown pebbly till
0+75 W	B1	dark brown pebbly till
0+50 W	N/S	pipeline
0+00 E	N/S	pipeline
0+25 E	B1	brown, sandy till
0+50 E	"	dark brown wet till
0+75 E	N/S	
1+00 E	B1	brown sandy till
1+25 E	"	dark brown sandy till
1+50 E	"	" "
1+75 E	N/S	peat bog
2+00 E	B1	brown pebbly till
2+25 E	N/S	peat bog
2+50 E	"	"
2+75 E	"	"
3+00 E	"	"
3+25 E	"	"
3+50 E	B1	brown, sandy till
3+75 E	"	"
4+00 E	"	"
4+25 E	B1	Brown, pebbly till

line 6+00 N continued

Station	Horizon	Remarks
4+50 E	B1	Brown, pebbly till
4+75 E	"	" "
5+00 E	"	" "

Line 7+00 N

(not sampled to east, pond east of baseline as well as muskeg swamp)

highway right-of-way

2+75 W	B1	Dark, pebbly till
2+50 W	"	" "
2+25 W	N/S	boulder train
2+00 W	B1	Brown, pebbly till
1+75 W	"	" "
1+50 W	"	" "
1+25 W	"	" "
1+00 W	"	" "
0+75 W	B1	greyish, pebbly till
0+50 W	N/S	Wet area

Line 8+00 N

Station	Horizon	Remarks
0+25 E	B1	Brown, sandy till
0+50 E	"	Dark brown sandy till
0+75 E	"	Light brown pebbly till
1+00 E	"	" "
1+25 E	N/S	Peat Bog
1+50 E	"	"
1+75 E	Ao	Dark humus
2+00 E	B1	Brown sandy till
2+25 E	"	" "
2+50 E	"	" "
2+75 E	"	" "
3+00 E	"	" "
3+25 E	"	" "
3+50 E	"	" "
3+75 E	"	" "
4+00 E	B1	Lt brown sandy till
4+25 E	B1	Dark, pebbly till
4+50 E	"	" "
4+75 E	"	" "
5+00 E	"	" '
5+25 E	"	Dark brown sandy till
5+50 E	"	" "
5+75 E	"	" "
6+00 E	"	greyish till
6+25 E	"	dark brown sandy till
6+50 E	"	grey pebbly till
6+75 E	"	brown sandy till
7+00 E	"	brown pebbly till

Line 8+00 N continued

Station	Horizon	Remarks
7+25 E	B1	Reddish, sandy till
7+50 E	outcrop	
7+75 E	railway	

Line 9+00 N

0+00 W	pipeline	
0+25 W	"	
0+50 W	"	
0+75 W	?	reworked till
1+00 W	B1	Dark loamy till
1+25 W	"	Brown, sandy till
1+50 W	"	"
1+75 W	"	"
2+00 W	"	"
2+25 W	"	"
2+50 W	"	"
2+75 W	highway right-of-way	

Line 8+00 N

Station	Horizon	Remarks
0+50 W	?	reworked till
0+75 W	B1	Rusty, pebbly till
1+00 W	"	" "
1+25 W	B1	Brown, pebbly till
1+50 W	"	Blk/Brn sandy till
1+75 W	"	" "
2+00 W	"	brown sandy till
2+25 W	"	brown, pebbly till
2+50 W	"	" "
2+75 W	"	dark brown pebbly till

highway

Baseline 0+00 E

Station	Horizon	Remarks
0+00 N	?	Reworked till, pipeline right-of-way
0+25 N	"	" "
0+50 N	"	" "
0+75 N	"	" "
1+00 N	"	" "
1+25 N	"	" "
1+50 N	"	" "
1+75 N	"	" "
2+00 N	"	" "
2+25 N	"	" "
2+50 N	"	" "
2+75 N	"	" "
3+00 N	"	" "
3+25 N	"	" "
3+50 N	"	" "
3+75 N	"	" "
4+00 N	"	" "
4+25 N	"	" "
4+50 N	"	" "
4+75 N	"	" "
5+00 N	"	" "
5+25 N	"	" "
5+50 N	"	" "
5+75 N	"	" "
6+00 N	B1	Brown, pebbly till
6+25 N	"	"
6+50 N	"	"
6+75 N	"	"
7+00 N	"	"
7+25 N	"	"

Baseline 0+00 continued

Station	Horizon	Remarks
7+50 N	N/S	boulders
7+75 N	"	
8+00 N	"	
8+25 N	B1	brown, pebbly till
8+50 N	"	"
8+75 N	"	"
9+00 N	N/S	boulders
9+25 N	"	
9+50 N	?	reworked till, pipeline
9+75 N	"	"
10+00 N	"	"
10+25 N	N/S	Pipeline (pile of rock)
10+50 N	?	reworked till, pipeline
10+75 N	"	"
11+00 N	"	"
11+25 N	"	"
11+50 N	"	"
11+75 N	"	"
12+00 N	B1	reddish, sandy till
12+25 N	"	Rusty/brown sandy till
12+50 N	"	"
12+75 N	"	"
13+00 N	"	"
13+25 N	"	"
13+50 N	"	Greenish till (north claim boundary)
13+75 N	"	" "

Line 9+00N

Station	Horizon	Remarks
0+00 E	B1	Brown Sandy Till
0+25 E	"	"
0+50 E	"	"
0+75 E	"	"
1+00 E	"	"
1+25 E	"	"
1+50 E	"	"
1+75 E	"	"
2+00 E	"	"
2+25 E	"	"
2+50 E	"	"
2+75 E	"	"
3+00 E	"	"
3+25 E	"	"
3+50 E	"	"
3+75 E	"	"
4+00 E	boulders	
4+25 E	B1	brown sandy till
4+50 E	"	"
4+75 E	"	"
5+00 E	"	"
5+25 E	"	"
5+50 E	"	"
5+75 E	"	":
6+00 E	cedar swamp	
6+25 E	B1	brown sandy till
6+50 E	"	"

Line 9+00 N continued

Station	Horizon	Remarks
6+75 E	B1	Brown sandytill
7+00 E	"	"
7+25 E	"	"
7+50 E	"	"
7+75 E	"	"
8+00 E	"	"

Line 10+00 N

0+00 W		pipeline
0+25 W		"
0+50 W		"
0+75 W	B1	reddish brown till
1+00 W	"	" "
1+25 W	"	" "
1+50 W	"	dark black till
1+75 W	"	" "
2+00 W	highway right of way	

0+25 E	B1	brown sandy till
0+50 E	"	" "
0+75 E	"	" "
1+00 E	"	" "
1+25 E	"	" "
1+50 E	"	" "
1+75 E	"	" "

Line 10+00 N continued

Station	Horizon	Remarks
2+00 E	B1	Brown sandy till
2+25 E	"	"
2+50 E	"	"
2+75 E	"	"
3+00 E	"	"
3+25 E	"	"
3+50 E	"	"
3+75 E	"	"
4+00 E	"	'
4+25 E	"	"
4+50 E	"	"
4+75 E	"	"
5+00 E	"	"
5+25 E	"	"
5+50 E	"	"
5+75 E	"	"
6+00 E	cedar swamp	
6+25 E	B1	Brown sandy till
6+50 E	"	"
6+75 E	"	"

Line 11+00 N

Station	Horizon	Remarks
	highway right of way	
1+75 W	B1	Black, pebbly till
1+50 W	"	" "
1+25 W	"	" "
1+00 W	"	Red/ Brown till
0+75 W	"	" "
0+50 W	"	" "
0+25 W	"	" "
0+00	pipeline	
0+25 E	B1	Brown sandy till
0+50 E	"	"
0+75 E	"	"
1+00 E	"	"
1+25 E	"	"
1+50 E	"	"
1+75 E	"	"
2+00 E	N/S boulders	
2+25 E	B1	brown sandy till
2+50 E	"	"
2+75 E	"	"
3+00 E	"	
3+25 E	"	"
3+50 E	"	"
3+75 E	"	"
4+00 E	"	"
4+25 E	"	"
4+50 E	"	"

Line 12+00 N

Station	Horizon	Remarks
0+00 W	B1	Reddish brown sandy till
0+25 W	"	grey, pebbly till
0+50 W	"	" "
0+75 W	"	" "
1+00 W	"	Reddish, sandy till

Highway

End

APPENDIX 'C' - INSTRUMENTATION

GROUND MAGNETOMETER SURVEY WHITNEY LAKE & RIB LAKE PROPERTIES ONTARIO

for

AgArmeno Mines and Minerals Inc
Suite 1850-609 Granville Street
Vancouver B.C.

by

Gary Dunn Exploration
Matachewan Ontario

date

December 7 1997

NTS

41 0/05

INTRODUCTION

This report concerns a ground magnetometer survey that was conducted on the Whitney Lake and Rib Lake Properties which are presently optioned to AgArmeno Mines and Minerals Inc of Vancouver BC.

The survey was conducted on a chainsaw-cutline grid established a month previous.

PROPERTY DESCRIPTION, LOCATION & ACCESS

The subject Rib Lake property consists of 10 contiguous claims which were staked by the author during the staking rush in September 1996 which ensued with the relaxing of the Temagami Land Caution. The property was subsequently optioned to AgArmeno Mines and Minerals Inc.

The Whitney Lake Property consists of 8 claims (approx.23 units) part of a larger package staked by Gino Chitaroni and partners during the same staking rush and also subsequently optioned to AgArmeno Mines and Minerals Inc.

The properties are readily accessible. Both Properties are transected by the Trans Canada Pipeline as well as Highway 11, and along the east side the Ontario Northland Railway. As well, numerous trails and bush roads go through the properties (for example along the north shore of Whitney Lake)

These properties are situated about 10 km north of the town of Temagami in South Gillies Limit Township.(immediately north of Best Twp)

GEOLOGY

The Properties are underlain by rocks of the Abitibi subprovince of the Superior Structural Province of the Canadian Shield. More locally, the Rib Lake area is probably a small extension of the Temagami Greenstone Belt.

The rocks are comprised of early Archean Age tholeiitic and / or calcalkaline mafic to intermediate volcanic rocks. Early Archean Age granites were emplaced within the volcanics. Middle Precambrian Age Nipissing Diabase rocks have intruded the older rocks. These rocks are unconformably overlain by Proterozoic Age Gownganda Formation of the Huronian Group.

The majority of Cu Ni PGE occurences are found in Archean ultramafic intrusive rocks or their extrusive equivalents. Significant platinum and palladium is sometimes associated with the Cu Ni sulphides.

" The presence of numerous and widely distributed metalliferous mafic and ultramafic intrusives, and their extrusive equivalents, within and adjacent to the Temagami Greenstone Belt, is significant. Prospecting for copper-nickel mineralization should be directed to known areas of mafic, ultramafic or anorthositic intrusions. Prospective areas include areas adjacent to Archean Basement- Proterozoic sediment contacts (ie: West of Rib Lake)"

from OGS Report 5941 page 226 paragraph 7

GROUND MAGNETOMETER SURVEY

During the week of December 1 to 7, 1997 a ground magnetometer survey was performed utilizing GSM-19 Ovfrhauser magnetometers. For the base, unit serial # 9332 was utilized, and for the mobile units serial # 0175 was utilized by Gilbert Sauve and unit serial # 0996 was utilized by Gary Dunn.

These units are microprocessor-based instruments with storing capabilities up to 2 Mbytes. Synchronization is possible between the hand-held and base units and the correction for diurnal variation is done automatically. The results of measurements are made available in serial form (RS-232-interface) for collection on computer. The GSM-19 has a 2nT resolution and a 1nT absolute accuracy over it's full temperature range in the measurement of the Earth's magnetic field.

The units were synchronized to within + 1 ms and set to take readings at the same 5 second interval. At the end of the day the data corrected, then dumped to a computer diskette for storage. The data was subsequently sent by MODEM to Pro-Tech Drafting in La Ronge Saskatchewan for plotting.

Mag Operators	Gary Dunn Hse 17 First Nation Matachewan Ontario
	Gilbert Sauve Groom Drive North Cobalt (Haileybury) Ontario
Mag Rental	Highrock Contracting Box 450 La Ronge Saskatchewan
Plotting	Pro-Tech Drafting Box 802 La Ronge Saskatchewan[1]

The survey was performed on the chainsaw-cut grids established a month earlier. Lines are at 100m intervals with 25 m stations. Readings were taken on 25m stations. In the case of the Whitney Lake Grid some 25km was read with the lines in a north-south orientation.

In the case of the Rib Lake Grid to the south, some 10km was read @ 25m stations with the lines at an east-west orientation.

1

NTS 31 M/4

HORIZONTAL LOOP EM SURVEY
Rib Lake Property
AG ARMENO MINES & MINERALS INC.
November 1997
Gillies Limit South Township
Larder Lake Mining Division
Ontario

Meegwich Consultants Inc. P.O. Box 482, Temagami, Ontario P0H 2H0 Tel. (705) 569-2904 Fax. (705) 569-2817

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF MAPS

Horizontal Loop EM - Profiles 444 Hz. 150 m. Coil sep

Horizontal Loop EM - Profiles 1777 Hz. 150 m. Coil sep

1.0 INTRODUCTION:

From November 1 to 21, 1997, a program of linecutting and geophysical surveying was carried out on the Whitney Lake Property in Gillies Limits South Towwnship. The claims are held by AG Armeno Mines and Minerals Inc., 1650-609 Granville St. Vancouver, B.C. V7Y 1G5. The work was executed by David Laronde and Robert Sanderson and reported on by David Laronde of Meegwich Consultants Inc., P.O. Box 482, Temagami, Ontario POH 2HO.

Linecutting: A total of 10.825 km of linecutting was done from a baseline running for 1.200 km in an north-south direction. About 5% of the grid is underlain by lake and swampy areas hence the property is well drained and hilly. The lines were cut with chainsaw and are considered to be of high quality standards.

2.0 PROPERTY:

The 160 hectare property (13 units, some fractions) consists of a block of 13 contiguous mining claims situated in the extreme south end of Gillies Limit in the Larder Lake Mining District. The claims are numbered as follows:

1212325	1 unit	1212494	1 unit
1212324	1 unit	1212496	1 unit
1212323	1 unit	1213473	1 unit
1212490	1 unit	1217573	1 unit
1212491	1 unit	1217574	1 unit
1212493	1 unit	1220393	1 unit
1217602	1 unit		

3.0 LOCATION AND ACCESS:

The Rib Lake Property is located 16 km north of the town of Temagami, Ontario which in turn is 100 km north of the city of North Bay. The property can be easily accessed since Hwy 11 cuts through the middle and in addition the pipeline and the railway add further access.

4.0 HLEM Survey:

A total of 9.050 km of Horizontal Loop EM was done (365 readings) at 25 meter stations on lines spaced at 100 meters apart. The coil spacing was 150 meters.

Corrections for coil attitude were done by measuring the slope between each station using a Suunto clinometer and then calculating a correction of the in-phase response with a computer program. The coils were read at a horizontal position to provide a consistent parameter throughout the survey.

Power line noise was minimized by reversing the position of the receiver and transmitter keeping the receiver as far away as possible from the power lines and the pipeline. The pipeline right-of-way contains three steel pipelines as well as a power line and a fibre optics cable for Bell Canada.

5.1 Instrumentation: An Apex Maxmin II unit (ser. no. 1174) was used for the horizontal loop EM survey. Two frequencies were read, 444 and 1777 Hz, measuring the in-phase and quadrature components of the secondary field.

5.2 Survey Results: The results of the survey are presented in profile form on plans at 1:5000 scale. Conductor axis are indicated on the plans.

The survey was inhibited by cultural noise, the pipeline, the railway line (power line) and the power line that follows the highway. Basically the whole west side of the grid was masked out by the highly conductive pipeline.

Two very weak responses are noted.

Conductor A: A one line response co-incident with the bed a small pond. Very weak out-of-phase anomaly.

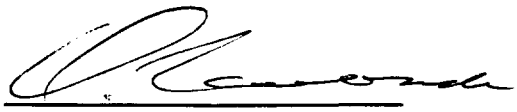
Conductor B: A one line response on L 600 N at 335 E. Very weak out-of-phase anomaly 3%.

6.0 CONCLUSIONS AND RECOMMENDATIONS:

No significant HLEM conductors are apparent however there may be conductors that were masked out by the pipeline infrastructure. The source of the two weak anomalies noted appear to be non-metallic and would not warrant follow-up.

Further work in evaluating these claims should be geological and geochemical sampling. Once targets have been identified then perhaps geophysical methods could be revisited depending on the proximity of cultural infrastructure.

Respectfully submitted,



David Laronde
Geology Engineering Technologist

References

Geological Map - Ontario Geological Survey 1974

Geological Series Compilation Map 2361 Sudbury-Cobalt

CERTIFICATE OF AUTHOR

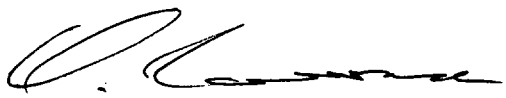
I, David Laronde of the town of Temagami, Ontario hereby certify:

1. That I am a geology technologist and have been engaged in my profession for the past 16 years.

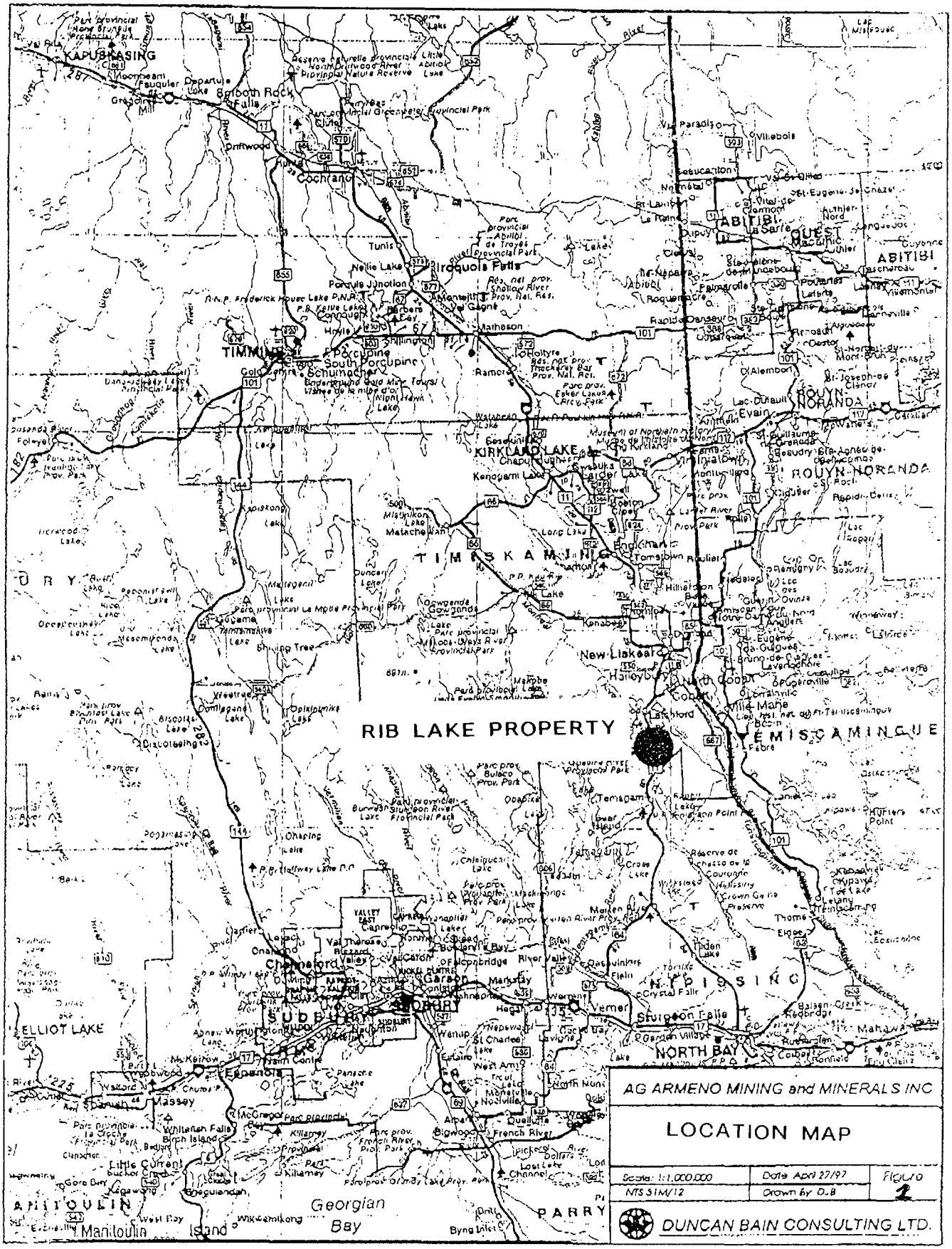
2. That I am a graduate of Cambrian College in Sudbury with a diploma in Geology Engineering Technology 1979.

3. That my knowledge of the property described herein was acquired by field work and documentation.

Dated at Temagami this 25th day of Novenber 1997.



David Laronde



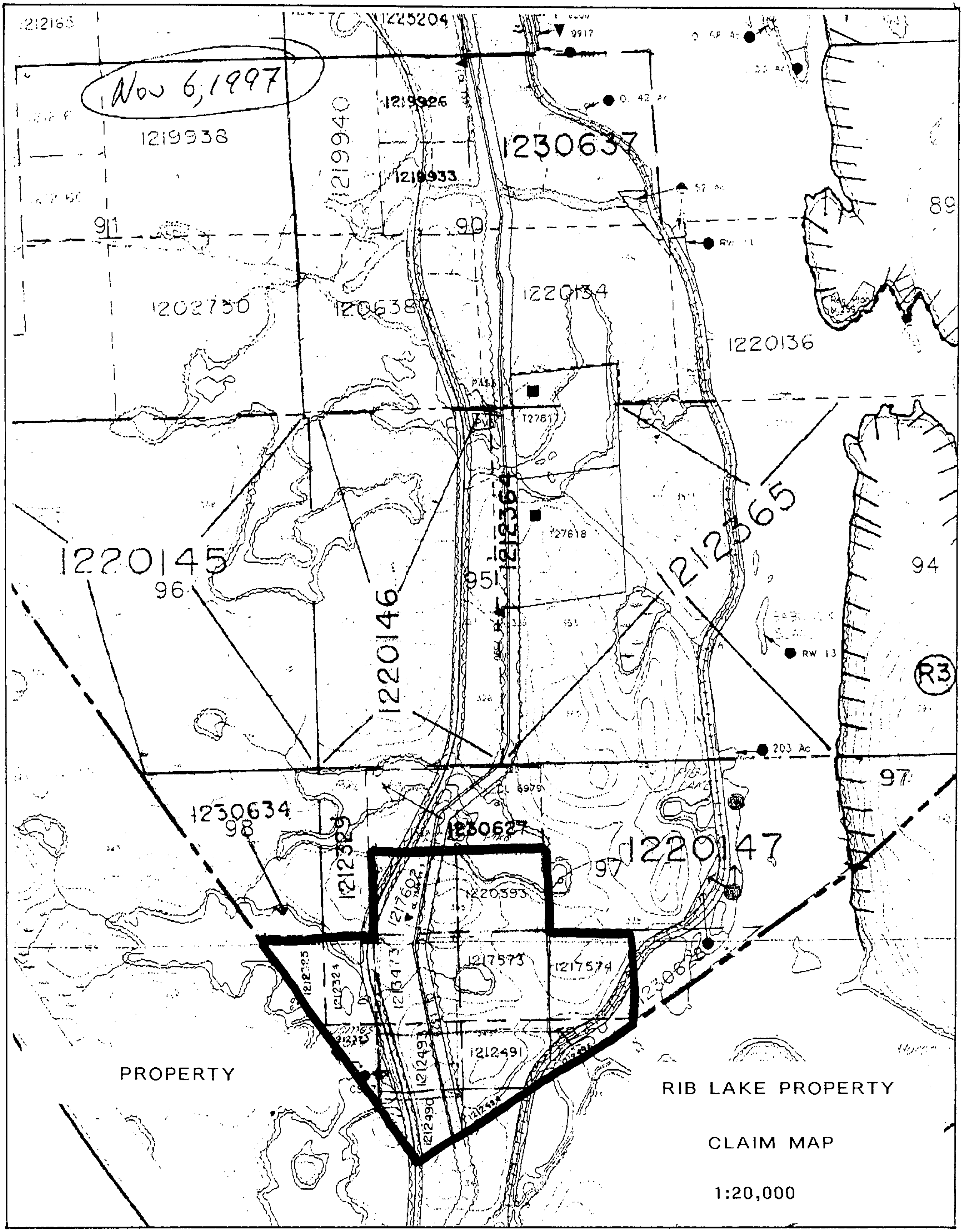
AG ARMENO MINING and MINERALS INC

LOCATION MAP

Scale: 1:1,000,000	Date April 27/97	FIGURE
NTS 31M/12	Drawn by D.B	1

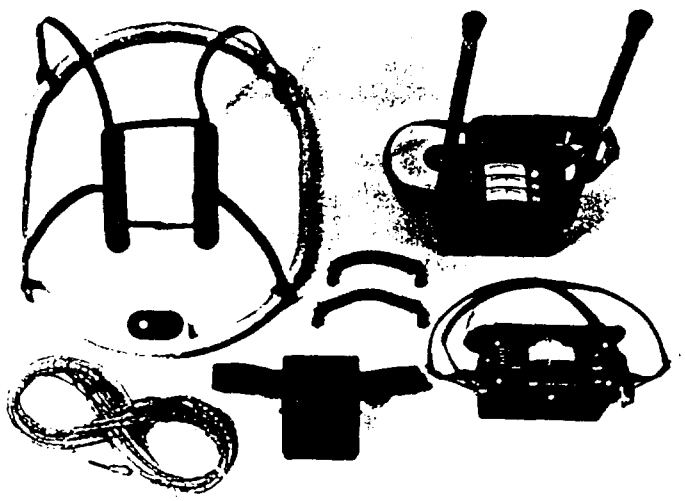
DUNCAN BAIN CONSULTING LTD.

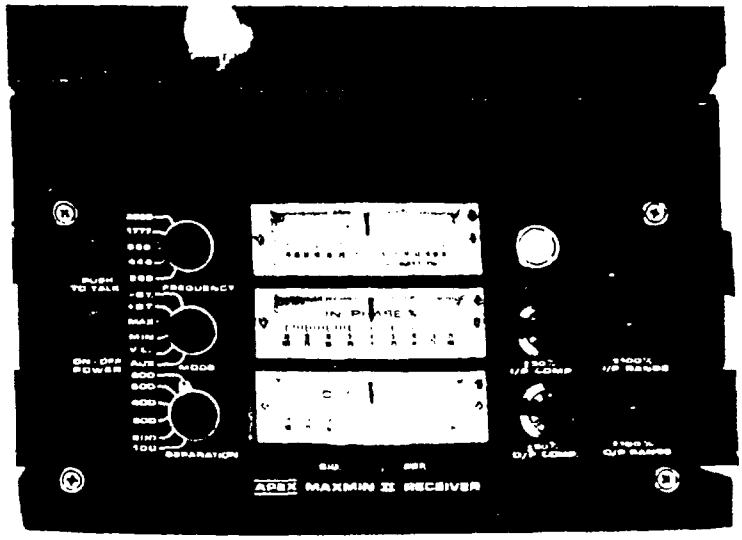
RIB LAKE PROPERTY


Nov 6, 1997
1225204
1219926
1219938
1219940
1230637
1219933
91
90
89
1202750
1206387
1220134
1220136
T27817
1212364
T27618
1220145
96
1220146
951
1212365
94
RW 13
R3
203 Ac
97
1230634
98
1212329
1230627
1220147
1217602
1220593
1217573
1217574
1213473
1212491
1212490
PROPERTY
RIB LAKE PROPERTY
CLAIM MAP
1:20,000

1 KM

Fig. 2





222, 444, 888, 1777 and 3555 Hz.

MAX: Transmitter coil plane and receiver coil plane horizontal (Max-coupled; Horizontal-loop mode) Used with reference cable.

MIN: Transmitter coil plane horizontal and receiver coil plane vertical (Min-coupled mode). Used with reference cable.

V.L.: Transmitter coil plane vertical and receiver coil plane horizontal (Vertical-loop mode). Used without reference cable, in parallel lines.

25, 50, 100, 150, 200 & 250 m (MMII) or 100, 200, 300, 400, 600 and 800 ft. (MMIIF).
Coil separations in VL mode not restricted to fixed values.

- In-Phase and Quadrature components of the secondary field in MAX and MIN modes.
- Tilt-angle of the total field in VL mode.
- Automatic, direct readout on 90 mm (3.5") edgewise meters in MAX and MIN modes. No nulling or compensation necessary.
- Tilt angle and null in 90 mm edgewise meters in VL mode.

In-Phase:	±20%, ±100% by push-button switch.
Quadrature:	±20%, ±100% by push-button switch.
Tilt:	±75% slope.
Null (VL):	Sensitivity adjustable by separation switch.

In-Phase and Quadrature: 0.25% to 0.5%; Tilt: 1%.

±0.25% to ±1% normally, depending on conditions, frequencies and coil separation used.

- 222 Hz : 220 Atm²
- 444 Hz : 200 Atm²
- 888 Hz : 120 Atm²
- 1777 Hz : 60 Atm²
- 3555 Hz : 30 Atm²

9V trans radio type batteries (4) Life: approx. 35 hrs. continuous duty (alkaline, 0.5 Ah) less in cold weather.

12V 6 Ah Gel-type rechargeable battery. (Charger supplied).

Light weight 2-conductor reference cable for minimum friction. Unshielded. All reference cables optional at extra cost. Please specify.

Built-in intercom system for voice communication between receiver and transmitter operators in MAX and MIN modes via reference cable.

Built-in signal and reference warning lights to indicate erroneous readings.

-40°C to +60°C (-40°F to +140°F)

6 kg (13 lbs.)

13 kg (29 lbs.)

Typically 60 kg (135 lbs.), depending on quantities of reference cable and batteries included. Shipped in two field/shipping cases.

Specifications subject to change without notice.

APEX

200 STEELCASE RD. E., MARKHAM, ONT., CANADA L3R 1G2

Phone: (416) 495-1612 Cables: APEXPARA TORONTO Telex: 06-966775 APEXPARA MKHM

NOTE OUR NEW TELEX NUMBER:
06-966775 APEXPARA MKHM

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)
W9880.00068
Assessment Files Research Imaging

31M04NE2003 2.18123 GILLIES LIMIT 900

ity of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the
d to review the assessment work and correspond with the mining land holder.
ling Recorder, Ministry of Northern Development and Mines, 6th Floor,

LARDER LAKE
MINING DIVISION

FEB 3 1998 Cy
12:57 pm

Instructions: - For work performed on Crown Lands before **recording** a claim, use form 0240.
- Please type or print in ink.

2.18123

1. Recorded holder(s) (Attach a list if necessary)

Name	Client Number
Ag ARMENO MINES + MINERALS	103026
Address	Telephone Number
BOX 10332 #1650-609 GRANVILLE ST	(604) 681 1519
VANCOUVER BC V7Y 1G5	Fax Number (604) 681 9428
Name	Client Number
Address	Telephone Number
	Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

☑ Geotechnical: prospecting, surveys, assays and work under section 18 (regs) ☐ Physical: drilling, stripping, trenching and associated assays ☐ Rehabilitation

Work Type	Office Use
LINECUTTING, SOIL SAMPLING, MAPPING + SAMPLING, MAX-MIN EM SURVEY, MAGNETOMETER SURVEY, ASSAYS	Commodity
	Total $ Value of Work Claimed 24,951
Dates Work Performed From 01 Day / Oct Month / 97 Year To 10 Day / 01 Month / 98 Year	NTS Reference
Global Positioning System Data (if available) / Township/Area GILLIES LIMIT / M or G-Plan Number	Mining Division Larder Lake
	Resident Geologist District Kirkland Lake

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name	Telephone Number
DUNCAN BAIN CONSULTING LTD	(519) 451 1481
Address	Fax Number
#17-1318 HIGHBURY AVE LONDON ONT N5Y 5E5	(519) 451 1481
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECEIVED
FEB 04 1998 10:45
GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, GARY CLAYTON DUNN (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent	Date
	Feb 2/98
Agent's Address	Telephone Number / Fax Number
BOX 117 MATACHEWAN ONT POK1MO	(705) 565 2217 / (705) 565 2506

Deemed May 4/98

0241 (02/96)

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	**Number of Claim Units.** For other mining land, list hectares.	**Value of work performed** on this claim or other mining land.	**Value of work applied** to this claim. 2,18128	**Value of work assigned** to other mining claims.	**Bank.** Value of work to be distributed at a future date.
eg	TB 7827	16 ha	$26, 825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8, 892	$ 4,000	0	$4,892
1	1212491	1	2495	2400		95
2	1217573	1	2495	2400		95
3	1217574	1	2495	2400		95
4	1220393	1	2495	2400		95
5	1212496	1	2495	2400		95
6	1212490	1	2495	2400		95
7	1212494	1	2495	2400		95
8	1212493	1	2495	2400		95
9	1213473	1	2495	2400		95
10	1217602	1	2496	2400		96
11						
12						
13						
14						
15						
		Column Totals	24951	24000		951

I, GARY CLAYTON DUNN (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing — Date: Feb 2/98

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- [X] 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- [ ] 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- [X] 3. Credits are to be cut back equally over all claims listed in this declaration; or
- [ ] 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp: RECEIVED LARDER LAKE MINING DIVISION FEB 3 1998 12:57 pm

RECEIVED FEB 04 1998 GEOSCIENCE ASSESSMENT OFFICE

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved

Approved for Recording by Mining Recorder (Signature)

0241 (02/96)

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use): W9880.00068

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.18123

Work Type	Units of Work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
LINECUTTING	11.1 KM	$275/KM	3052
MAG SURVEY	9.0 KM	80/KM	720
MAX-MIN SURVEY	9 KM	180	1620
SOIL SAMPLING			1820
MAPPING	5 DAYS	$375/DAY	1875
ASSAYS			6832
Associated Costs (e.g. supplies, mobilization and demobilization).			
REPORTS	20.5 DAY	350	7175
PRINTING			232
COURIER			122
Transportation Costs			
Vehicle RENTAL etc			1115
GAS			130
Food and Lodging Costs ACCOM.			225
MEALS			33
		Total Value of Assessment Work	24951

RECEIVED
FEB 04 1998
GEOSCIENCE ASSESSMENT OFFICE

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK × 0.50 = Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, GARY CLAYTON DUNN (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form, as AGENT (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

RECEIVED
LARDER LAKE
MINING DIVISION
FEB 3 1996
12:57 pm.

Signature: [signature] Date: Feb 2/98

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (705) 670-5881

May 1, 1998

AG ARMENO MINES AND MINERALS INC.
P.O. BOX 10332, SUITE 1650
PACIFIC CENTRE, 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y-1G5

Dear Sir or Madam:

Submission Number: 2.18123

Subject: Transaction Number(s):		**Status**
	W9880.00068	Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jeromel2@epo.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 12176

Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.18123

Date Correspondence Sent: May 01, 1998 **Assessor:** Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9880.00068	1212491	GILLIES LIMIT	Approval	May 01, 1998

Section:

14 Geophysical EM
14 Geophysical MAG
12 Geological GEOL
13 Geochemical GCHEM

Assessment work credit has been redistributed, as outlined on the attached Distribution of Assessment Work Credit sheet, to better reflect the location of the work.

Correspondence to:

Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

Gary Dunn
MATACHEWAN, ONTARIO, CANADA

AG ARMENO MINES AND MINERALS INC.
VANCOUVER, B.C.

Correspondence ID: 12176

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: May 01, 1998

Submission Number: 2.18123

Transaction Number: W9880.00068

Claim Number	Value Of Work Performed
1212491	3,570.00
1217573	3,935.00
1217574	4,610.00
1220393	1,260.00
1212496	2,525.00
1212490	1,700.00
1212494	2,896.00
1212493	1,559.00
1213473	2,228.00
1217602	668.00
Total: $	24,951.00

Correspondence ID: 12176

THIS IS A SUBDIVIDED TOWSHIP
CLAIMS MUST BE STAKED IN
SPECIFIC PARTS OF EACH "BLOCK"
EACH REGULAR "BLOCK" IS
APPROXIMATELY 1600 METERS SQUARE

W AREA DEEMED IN NEED OF PROTECTION BY THE CROWN AND WILL REMAIN WITHDRAWN INDEFINITELY.

AREAS WITHDRAWN FROM DISPOSITION

MRO – Mining Rights Only
SRO – Surface Rights Only
M+S – Mining and Surface Rights

	Description	Order No.	Date	Disposition	File
R1	W-L-58/96 NER	SEPT 17/96	S.R.O.	ONT HYDRO	
R3	SEC 35/90 W-ONT-63/96	SEPT 17/96	M+S	COMPREHENSIVE PLANNING COURSE	
W	SEC 35 1990	W-L-56/96NER	17/09/96	M&S	

R4 LAND USE PERMIT CANTEL TOWER
R5 SECTION 30(8) MINING ACT APPLICATION FOR TOWER SITE

SYMBOLS

Boundary
- Administrative District
- Township, Meridian, Baseline
- Road allowance; surveyed / shoreline
- Lot/Concession; surveyed / unsurveyed
- Parcel; surveyed / unsurveyed
- Right-of-way; road / railway / utility
- Reservation
- Cliff, Pit, Pile
- Contour
  - Interpolated
  - Approximate
  - Depression
- Control point (horizontal)
- Flooded land
- Mine shaft
- Pipeline (above ground)
- Railway; single track / double track / abandoned
- River/Stream/Creek
  - Intermittent

- Road; highway, county, township
  - access
  - trail, bush
- Shoreline (original)
- Transmission line
- Wooded area

DISPOSITION OF CROWN LANDS

Patent
- Surface & Mining Rights
- Surface Rights Only
- Mining Rights Only

Lease
- Surface & Mining Rights
- Surface Rights Only
- Mining Rights Only

- Licence of Occupation
- Order-in-Council (OC)
- Cancelled
- Reservation
- Sand & Gravel
- Land Use permit

400' Surface Rights along the shores of all lakes and rivers

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

Ontario Ministry of Natural Resources
Ministry of Northern Development and Mines

INDEX TO LAND DISPOSITION

PLAN
G – 4330

TOWNSHIP
GILLIES LIMIT
(SOUTH PART)

DATE OF ISSUE
APR 06 1998
PROVINCIAL RECORDING OFFICE - SUDBURY

M.N.R. ADMINISTRATIVE DISTRICT
TEMAGAMI

MINING DIVISION
LARDER LAKE

LAND TITLES/REGISTRY DIVISION
TIMISKAMING

Scale 1:20 000

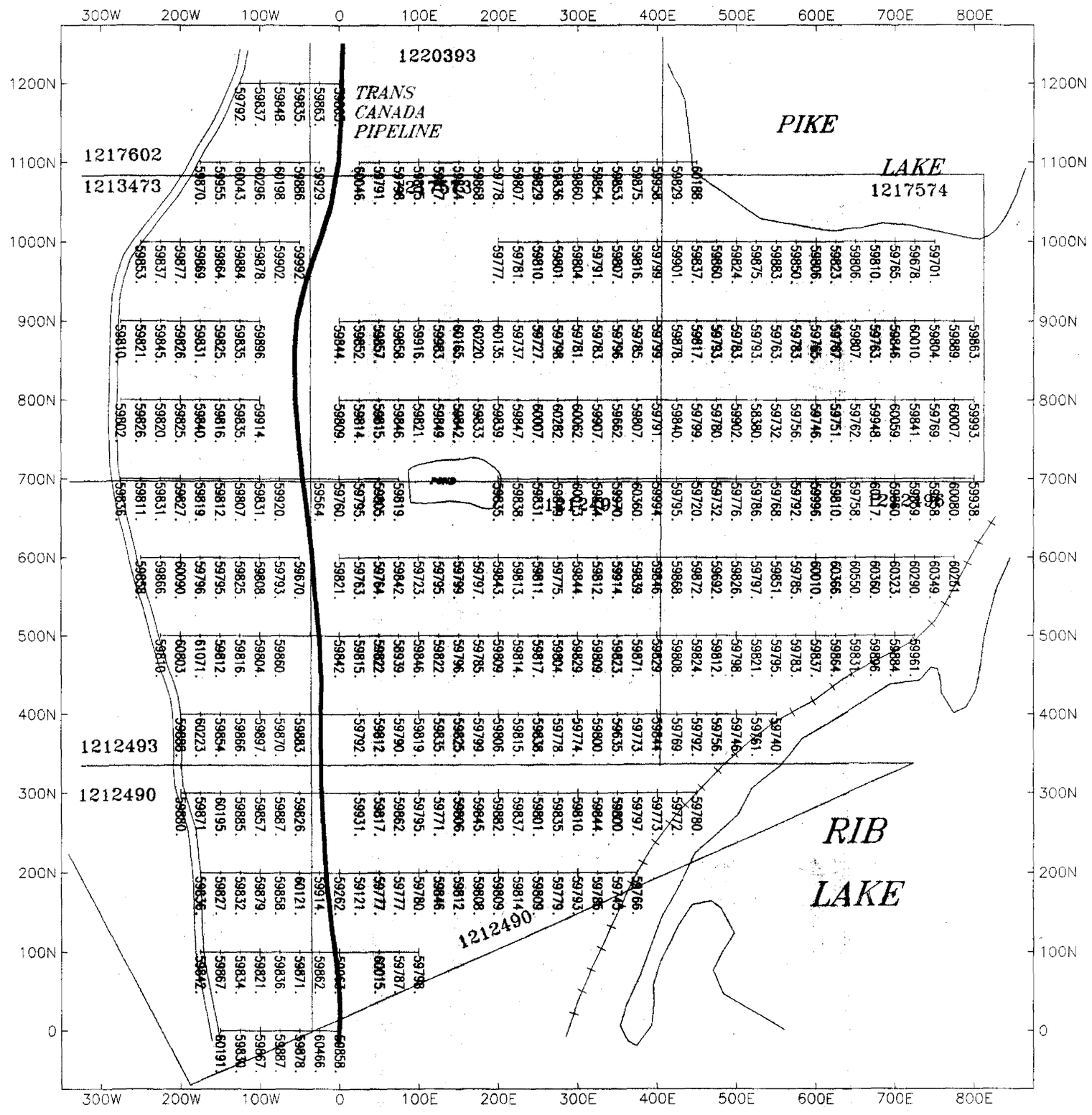
1000 Metres 0 1000 2000 Metres

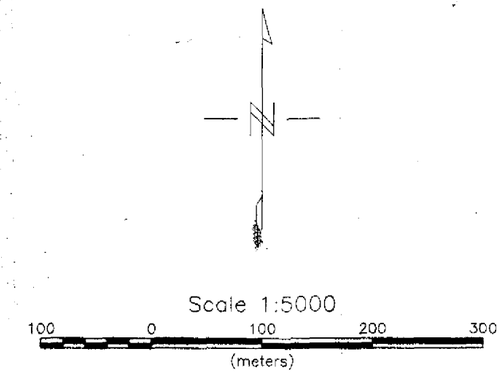
1000 Feet 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 Feet

Contour Interval 10 Metres

CIRCULATED AUGUST 20, 1996
ARCHIVED SEPT. 17, 1996

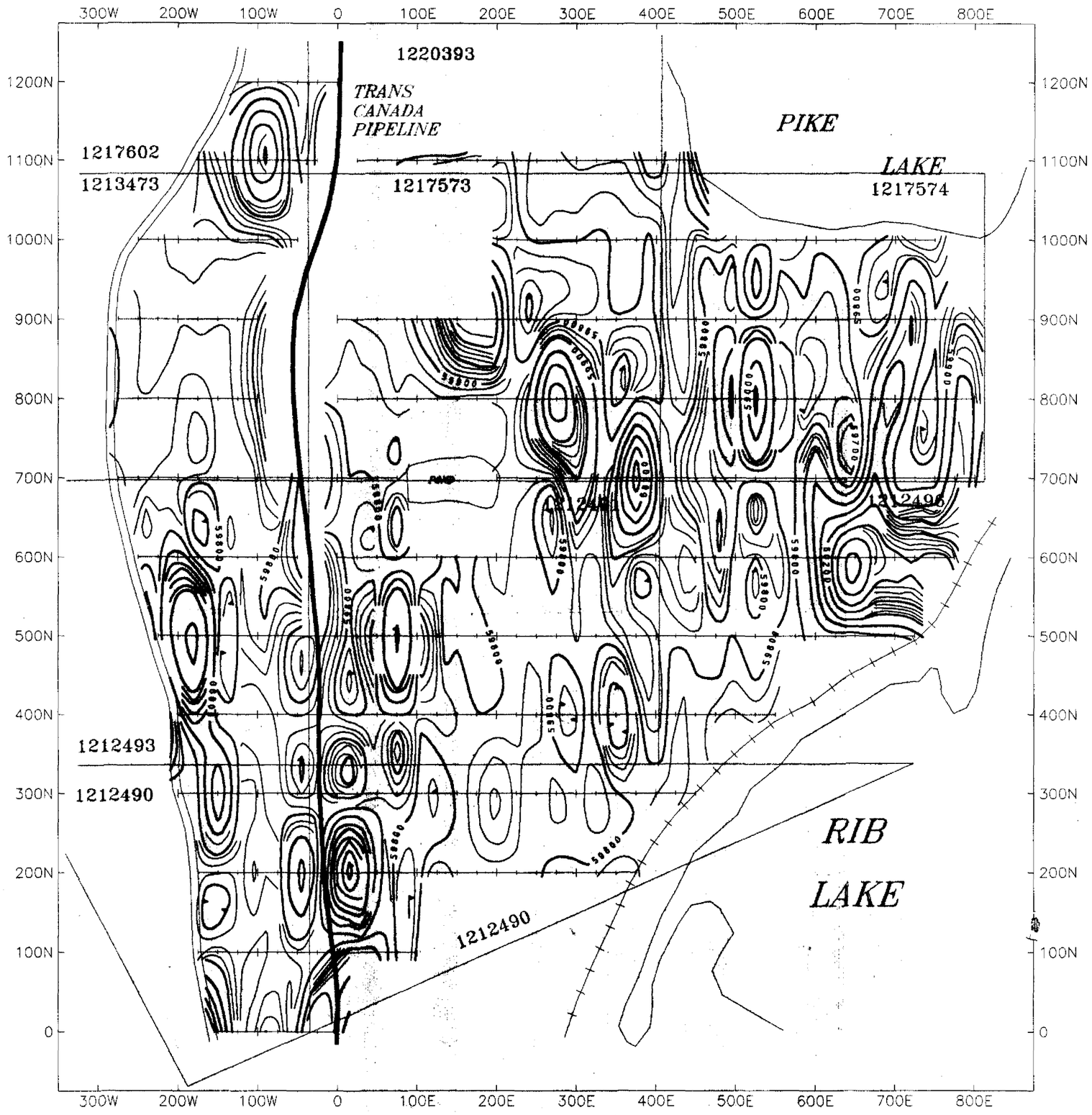
2.18123 MAG. EM, GEOL, GCHEM

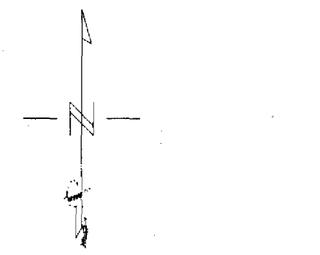




2.18123

Ag Armeno Mines & Minerals Inc.
GROUND MAGNETIC SURVEY – POSTINGS RIB LAKE PROPERTY
INSTRUMENT: GSM 19 MAGNETOMETER DATE: DEC 1997 BASE STATION CORRECTED DRAWN BY: PRO-TECH DRAFTING – LARONGE, SASK.
GARY DUNN EXPLORATION





Scale 1:5000

100 0 100 200 300

(meters)

2.18123

Ag Armeno Mines & Minerals Inc.

GROUND MAGNETIC SURVEY - CONTOURS
RIB LAKE PROPERTY

INSTRUMENT: GSM 19 MAGNETOMETER DATE: DEC 1997
BASE STATION CORRECTED
DRAWN BY: PRO-TECH DRAFTING - LARONGE, SASK.

GARY DUNN EXPLORATION

400W 200W 0 200E 400E 600E 800E 1000E

BASELINE

L 1200 N
L 1100 N
L 1000 N
L 900 N
L 800 N
L 700 N
L 600 N
L 500 N
L 400 N
L 300 N
L 200 N
L 100 N
L 0

A
B

Pike Lake

James Lake

Rib Lake

Ontario Northland Railway

Hollay 11 Powerline

Transmission Pipeline

Gillies Limit Township

Best Township

Timiskaming District

Nipissing District

1230627 1230634 1212329 2176 220395 1220147 1212325 1212324 13473 17573 17574 1230628 1212323 1212496 1212490 1212494

In-Phase
Quadrature

Profile Scale: 1 cm = 20%

Conductor Axis

Scale 1:5000

50 0 50 100 150 200 250 300 350

(metres)

Instruments: APEX Maxmin II – Coil Spacing 150 meters – Serial #1174

31M04NE2003 2.18123 GILLIES LIMIT

230

2.18123

AG Armeno Mines and Minerals Inc. Rib Lake Project
Gillies Limit South Township
Ground Geophysical Surveys HLEM II Survey 444 Hz. – Profiles
Data processing and interpretation by: **Moegwich Consultants Inc.** — Scale 1:5000 — NTS 31 M/4 — November 1997

400W 200W 0 200E 400E 600E 800E 1000E

BASELINE

L 1200 N
L 1100 N
L 1000 N
L 900 N
L 800 N
L 700 N
L 600 N
L 500 N
L 400 N
L 300 N
L 200 N
L 100 N
L 0

A
B

Pike Lake

James Lake

Rib Lake

Ontario Northland Railway

Power Line

Trans-Canada Pipeline

Highway 11

Gillies Limit Township

Best Township

Timiskaming District

Nipissing District

12212325 12212324 12212323 12212329 12230634 12230627 12212490 12212494 12212495 12212496 12220147 12230628 2176 220393 17573 17574

In-Phase
Quadrature

Profile Scale: 1 cm = 20%

Conductor Axis

Scale 1:5000

50 0 50 100 150 200 250 300 350
(metres)

Instruments: APEX Maxmin II – Coil Spacing 150 meters – Serial #1174

31M04NE2003 2.18123 GILLIES LIMIT

240

2.18123

AG Armeno Mines and Minerals Inc.
Rib Lake Project

Gillies Limit South Township

Ground Geophysical Surveys
HLEM II Survey
1777 Hz. – Profiles

Data processing and interpretation by:
Meegwich Consultants Inc.

Scale 1:5000 | NTS 31 M/4

November 1997