

ARCHER, CATHRO

& ASSOCIATES (1981) LIMITED

CONSULTING GEOLOGICAL ENGINEERS

1016 - 510 WEST HASTINGS STREET, VANCOUVER, B.C. V6B 1L8 TEL (604) 688 - 2568 • FAX (604) 688 - 2578

ASSESSMENT REPORT

describing

GEOLOGICAL MAPPING, SOIL SAMPLING, GEOPHYSICAL SURVEYS AND DIAMOND DRILLING

at the

LEAGUE PROPERTY

League 1-20	YB59143-YB59162
21-58	YB60204-YB60241
59-114	YB60855-YB60910
115-210	YB61588-YB61683
211-230	YB68849-YB68868
231-256	YB70229-YB70254
257-262	YB70640-YB70645
263-268	YB70666-YB70671
269-282	YB70743-YB70756
283-302	YB70646-YB70665

Latitude 61°31' N; Longitude 130°45' W

on NTS 105G/10 in the

WATSON LAKE MINING DISTRICT, YUKON TERRITORY

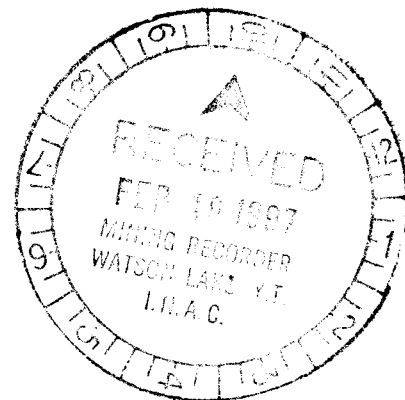
Prepared by

Archer, Cathro & Associates (1981) Limited

for

EXPATRIATE RESOURCES LTD.

W.D. Eaton, B.A., B.Sc.



Project has been examined by
the Geological Evaluation Unit
under Section 50 (4) Yukon Quartz
Act and is allowed as
permitted work in the amount
of \$..... DD.

MBank
Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

TABLE OF CONTENTS

	<u>PAGE</u>
INTRODUCTION	1
PROPERTY, LOCATION AND ACCESS	2
REGIONAL GEOLOGY	3
REGIONAL MINERALIZATION	7
REGIONAL GEOCHEMISTRY	9
REGIONAL GEOPHYSICS	11
PROPERTY GEOLOGY AND MINERALIZATION	12
PROPERTY GEOCHEMISTRY	14
CONCLUSIONS AND RECOMMENDATIONS	16
SELECTED REFERENCES	17

APPENDICES

- I AUTHOR'S STATEMENT OF QUALIFICATIONS
- II DRILLING AND GEOLOGIC MAPPING ON THE LEAGUE 3-6, 11-19, 24-30 AND 175-176 CLAIMS BY LEE C. PIGAGE, NOVEMBER, 1996
- III GROUND TOTAL MAGNETIC FIELD AND HLEM SURVEY OF PROPERTIES IN THE FINLAYSON ALLOCHTHON, YUKON TERRITORY BY M.A. POWER AND C.C. LEE, DECEMBER 6, 1996
- IV CERTIFICATES OF ANALYSIS

FIGURES

<u>NO.</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
1	Property Location	Following Page 2
2	Claim Location	In Pocket
3	Tectonic Setting	Following Page 3
4	Regional Geology	Following Page 3
5	Sample Location	In Pocket
6	Copper Geochemistry	In Pocket
7	Lead Geochemistry	In Pocket
8	Zinc Geochemistry	In Pocket

INTRODUCTION

Expatriate Resources Ltd. has a 100% interest in the League property which protects previously unstaked targets selected from a regional geochemical data base documenting results of 1973 exploration by a joint venture managed by Archer, Cathro & Associates (1981) Limited (Cathro, 1973). The property consists of 302 claims that were acquired by staking in 1995. Grid soil sampling, geological mapping, prospecting and geophysical surveys (magnetics, VLF and Maxmin) were done in the central part of the property in 1995 (Wengzynowski, 1996).

The 1996 field exploration included airborne magnetic and electromagnetic surveys, geological mapping, prospecting, claim surveys, soil sampling, linecutting, ground magnetic and Maxmin surveys, and 1153 m of diamond drilling in six holes. The work was managed by Archer Cathro and was supervised by the author. Appendix I contains the Author's Statement of Qualifications.

The main body of this report focusses on work geochemical done outside of the drill area. Airborne magnetic and electromagnetic results are reported together with results from other properties in "Report on an Electromagnetic and Magnetic Survey" by Aerodat Inc. dated June 13, 1996, copies of which will be filed as a separate document. The diamond drilling, and detailed mapping done in the vicinity of the drill holes are described in "Drilling and Geologic Mapping on the League 3-6, 11-19, 24-30 and 175-176 Claims" by Lee C. Pigage, a copy of which is in Appendix II. Ground magnetic and Maxmin survey results are reported in "Ground Total Magnetic Field and HLEM Survey of Properties in the Finlayson Allochthon, Yukon Territory" by M.A. Power and C.C. Lee dated December 6, 1996, appropriate sections of which are included in Appendix III.

PROPERTY, LOCATION AND ACCESS

The property is located in southeastern Yukon at latitude 61°31'N and longitude 130°45'W on NTS map sheet 105G/10 (Figure 1). It is comprised of 302 contiguous mineral claims registered with the Watson Lake Mining Recorder in the name of Archer, Cathro & Associates (1981) Limited which holds them in trust for Expatriate Resources Ltd. Claim registration data is listed below while locations are shown on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
League 1-20	YB59143-YB59162	March 17, 2005
21-58	YB60204-YB60241	March 17, 2001
59-114	YB60855-YB60910	March 17, 2001
115-210	YB61588-YB61683	March 17, 2001
211-230	YB68849-YB68868	March 17, 2001
231-256	YB70229-YB70254	March 17, 2001
257-262	YB70640-YB70645	March 17, 2001
263-268	YB70666-YB70671	March 17, 2001
269-282	YB70743-YB70756	March 17, 2001
283-302	YB70646-YB70665	March 17, 2001

*Expiry date includes work done in 1996 which has been filed but not yet accepted for credit.

In 1996 the property was accessed by helicopter from Expatriate's base camp on Finlayson Lake (Km 232 on the Robert Campbell Highway). The property lies 18 km southwest of the base camp and 250 km northeast of Whitehorse. Helicopter support was provided by a Bell 206B Jet Ranger and Aerospatiale 350B, both of which were contracted from Kluane Helicopters of Haines Junction, Yukon. The helicopters were stationed at Expatriate's base camp for the summer.

During the 1996 exploration program most claim post locations were surveyed using Trimble Geoplotter GPS units. Field readings were corrected using base station data from Westmin Resources Limited's camp at Wolverine Lake. GPS survey data appears in Appendix II.

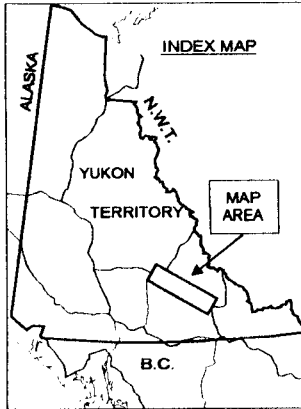
Figure 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY LOCATION

LEAGUE PROPERTY

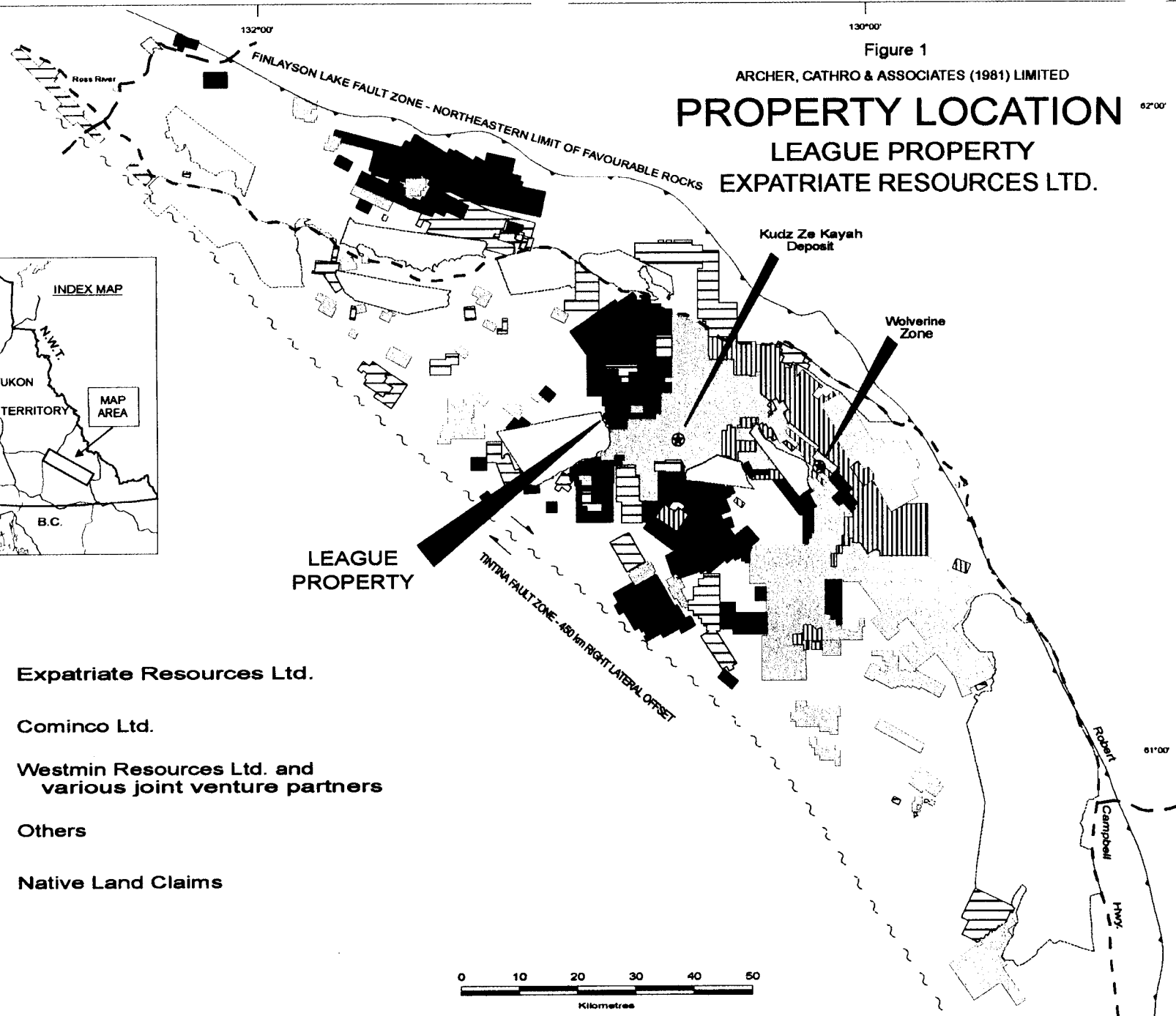
EXPATRIATE RESOURCES LTD.



-  Expatriate Resources Ltd.
-  Cominco Ltd.
-  Westmin Resources Ltd. and various joint venture partners
-  Others
-  Native Land Claims



August 26, 1996
Note: Claim boundaries are approximate
Expatriate Resources Ltd. does not assume responsibility for errors or omissions

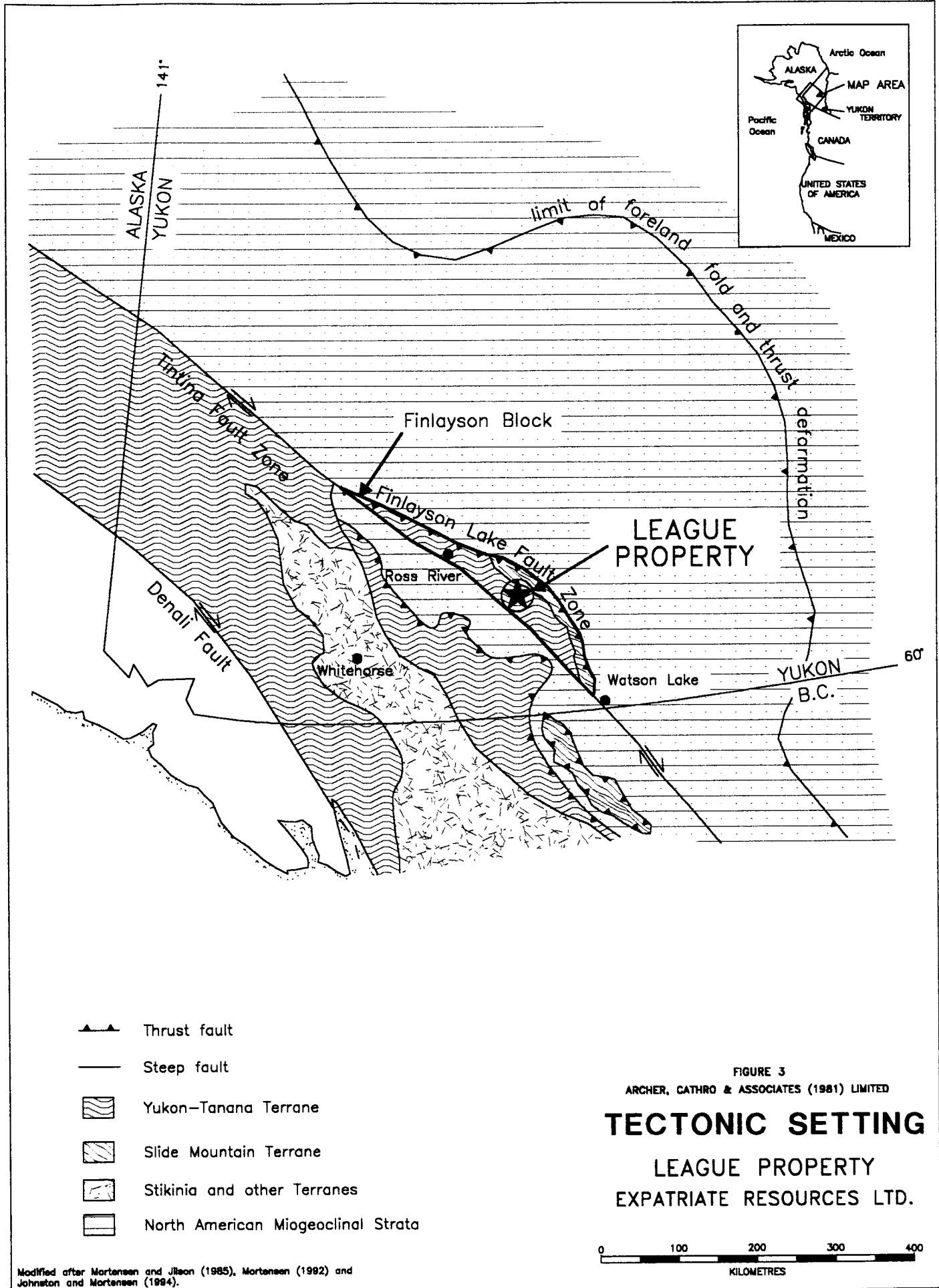


REGIONAL GEOLOGY

The League property is located within the Finlayson Block, a 380 by 60 km area comprised primarily of the Yukon-Tanana and Slide Mountain geologic terranes (Figure 3). These terranes represent the innermost of the accreted or "suspect" terranes in the Canadian Cordillera (Mortensen and Jilson, 1985). The northeastern margin of the block is the Finlayson Lake Fault Zone, a complex zone of steep and shallow faults related to transpressive suturing. The southwestern boundary of the block is the Tintina Fault, a major strike-slip fault with at least 450 km of dextral displacement during Late Cretaceous and/or Early Tertiary time (Tempelman-Kluit et al, 1976).

Regional mapping of the Finlayson Lake area was completed by the Geological Survey of Canada (GSC) in the mid to late 1970's (Tempelman-Kluit, 1977, 1979). More recent regional studies have been published by Mortensen and Jilson (1985) and Mortensen (1992). The following discussion of the regional geology (Figure 4) is based partly on the published work and partly on unpublished mapping completed in 1996 (Tempelman-Kluit, personal communication, 1996).

The Yukon-Tanana Terrane consists largely of Paleozoic continental margin and/or arc stratigraphy deposited on a continental basement of uncertain origin (Mortensen, 1992). The Yukon-Tanana Terrane in the Finlayson Lake area contains three major packages, collectively termed the Layered Metamorphic Sequence. The lowermost unit consists of garnet-mica schist with interbanded marbles, calc-silicates and calcareous schists near the top. The middle unit is a carbonaceous quartzite, schist or phyllite with rare conglomerates and locally extensive felsic and mafic volcanic interbands. Radiometric dating of the felsic metavolcanics in the Finlayson Block has consistently resulted in Late Devonian to Mississippian crystallization ages. Immediately









-  Thrust fault
-  Steep fault
-  Yukon-Tanana Terrane
-  Slide Mountain Terrane
-  Stikinia and other Terranes
-  North American Miogeoclinal Strata

FIGURE 3
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
TECTONIC SETTING
 LEAGUE PROPERTY
 EXPATRIATE RESOURCES LTD.



Modified after Mortensen and Jilka (1985), Mortensen (1992) and Johnston and Mortensen (1994).

130°00'

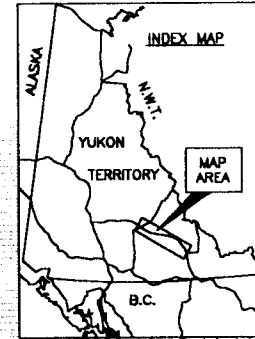
FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY

LEAGUE PROPERTY
EXPATRIATE RESOURCES LTD.

62°00'




LEAGUE PROPERTY

North American Miogeocline

 Pre-Triassic sedimentary and volcanic

Slide Mountain Terrane


 Chert, ultramafic, greenstone, metavolcanics, and carbonate rocks

Yukon-Tanana Terrane

 Paleozoic Metaplutonic Rocks

 Paleozoic Layered Metamorphic Sequence

Units common to all three terranes

 Young Volcanic Rocks

 Mesozoic Plutonic Rocks

 Mesozoic Clastic Rocks

 Geological contacts

 Steep fault

 Thrust fault

 Properties held by Expatriate Resources Ltd.

TINTINA FAULT ZONE - 450 km RIGHT LATERAL OFFSET

Kudz Ze Koyah Deposit

Wolverine Deposit



61°00'

south of Finlayson Lake, large isolated outcrops of marble and quartzite which are poorly dated as Early Pennsylvanian to Early Permian (Tempelman-Kluit, 1979) form the uppermost unit of the Yukon-Tanana Terrane.

This sequence of units is generally correlative with a similar stratigraphic sequence in ancestral North America (Mortensen and Jilson, 1985; Tempelman-Kluit, personal communication, 1996). The lowermost is correlated with the Lower Cambrian Atan Group and the middle carbonaceous assemblage is correlated with the offshore, Silurian-Devonian Nasina quartzite assemblage. The felsic volcanics are most similar to locally extensive Mississippian siliceous volcanics in the North American stratigraphy. Local calcareous phyllites and massive greenstones near the top of the lower unit are lithologically similar to the Kechika Group and Lower Paleozoic alkalic and potassic greenstones, respectively.

Gneiss and augen gneiss invariably occur low in the Yukon-Tanana succession beneath either the lowermost calcareous unit or the middle carbonaceous unit. Mortensen and Jilson (1985) considered the gneisses to be metamorphosed Mid-Paleozoic plutonic rocks. Conversely Tempelman-Kluit (personal communication, 1996) considers these gneisses to be at least in part recrystallization of earlier stratigraphy. Radiometric dating of the gneisses has consistently resulted in Late Devonian to Mississippian ages (Mortensen, 1992). The gneisses occur in structural culminations with diameters on the order of 10 km and structural relief up to about 1 km.

The Devonian-Mississippian Simpson Suite (Mortensen, 1992) forms thick intervals of hornblende granodiorite and quartz monzonite higher in the Yukon-Tanana stratigraphic sequence. Mortensen and Jilson (1985) interpreted this suite as intrusive. Tempelman-Kluit (1979, 1996) mapped the suite as an allochthonous slice emplaced on top of the structural pile.

Slide Mountain Terrane consists of Late Devonian to Late Triassic disrupted oceanic crust (Mortensen, 1992). Lithologies include massive and sheared greenstone, chert and mafic to ultramafic plutonic rocks occurring as fault-bounded slices along thrust faults and steep faults. These units are most abundant near the northeastern edge of the Finlayson Block but are also found throughout it.

Younger units unconformably overlie units from Slide Mountain, Yukon-Tanana and North American Terranes. Mesozoic clastic rocks are Late Triassic, immature sediments containing cobbles from both Slide Mountain and Yukon-Tanana Terranes. Young volcanic rocks consist of Late Cretaceous to Tertiary felsic volcanic flows and volcanoclastic deposits. They are usually found in close proximity to the Tintina Fault Zone.

Mesozoic intrusive activity in the Finlayson Block includes two suites. The first is comprised of several unmetamorphosed Early Jurassic mafic and intermediate composition plutons. The second suite consists of Late Cretaceous two-mica quartz monzonite and granite (Mortensen and Jilson, 1985).

Structurally Yukon-Tanana schists and gneisses contain a pervasive, flat- to gently-dipping foliation. Close examination of this fabric indicates that it commonly is a closely spaced crenulation cleavage. Large scale folds related to this fabric can rarely be mapped in the field. In most cases bedding and earlier fabrics are transposed into near parallelism with this dominant fabric. Later crenulation cleavages are present only locally. Some of the Cretaceous intrusions have a mild deformation fabric, others are massive and do not contain a foliation.

Thrust faults within the Finlayson Block juxtapose lithologic sequences with similar deformation fabrics. Thrusting postdates the Late Paleozoic Slide Mountain lithologies and predates the Cretaceous intrusives. Recent mapping also suggests, but does not definitively prove, the presence of major late extensional faults juxtaposing differing sequences (Tempelman-Kluit, personal communication, 1996). East-northeast trending, steep normal faults disrupt all earlier deformation fabrics.

Metamorphic grades range from lower greenschist facies to middle amphibolite facies. Contact hornfels around plutonic units occur locally.

Metamorphism and deformation are tentatively correlated with transpressive suturing of these suspect terranes with ancestral North America. Suturing is restricted to the time interval of post-Triassic continuing into the Cretaceous. Whether deformation is continuous or sporadic has not been fully verified at present.

The discovery of the Kudz Ze Kayah and Wolverine volcanogenic massive sulphide (VMS) deposits within the Finlayson Block in the last few years (Johnston and Mortensen, 1994) has refocused exploration activities in the area. Both deposits occur within metasedimentary and metavolcanic sequences of the Yukon-Tanana Terrane and are associated with felsic volcanics present in the middle unit of that terrane.

REGIONAL MINERALIZATION

A total of fifty-one mineral occurrences have been reported within the Finlayson Block (DIAND, 1995). Of these, twenty-one are known or suspected to be volcanogenic in origin while veins, skarns and asbestos occurrences comprise most of the remainder. Although the better known volcanogenic occurrences are thought to be of the Kuroko-type, some Besshi-type mineralization is also present (Morin, 1981; Johnston and Mortensen, 1994) and the recently discovered Ice Deposit appears to be Cyprus-type. Two occurrences have definite economic potential, the Kudz Ze Kayah and Wolverine Deposits (Figure 4). These Kuroko-type occurrences are the main "type-deposits" for Expatriate's exploration in the district and are briefly described below.

The Kudz Ze Kayah (ABM) Deposit lies within Yukon-Tanana Terrane near the centre of the block (Cominco Exploration, 1995; Whiteway, 1995). It is a VMS deposit hosted by an overturned assemblage of felsic pyroclastics, aphanitic massive rhyolites and metasiliclastic rocks belonging to the middle unit of the Layered Metamorphic Sequence. Although both the sulphides and wallrocks are highly strained and exhibit pervasive schistosity, compositional layering in the vicinity of the deposit is relatively undeformed with a consistent, shallow northerly dip. Sphalerite, chalcopyrite and galena are the main economic minerals while the gangue includes various mixtures of magnetite, barite, pyrrhotite, pyrite and carbonate. The deposit averages about 18 m thick and has been traced 700 m along strike and up to 400 m downdip. Open pit mineable ore reserves are reported to be 11 million tonnes grading 5.9% zinc, 0.9% copper, 1.5% lead, 130 g/t silver and 1.3 g/t gold (Schultze, 1996). Preliminary studies suggest that satisfactory

lead, zinc and copper concentrates can be produced using conventional flotation processes (Cominco Exploration, 1995). The mineralization responds well to magnetic and electromagnetic surveys but geochemical response is somewhat erratic because the entire deposit is covered by 2 to 10 m of glacial till.

The Wolverine Deposit is located 25 km east of the Kudz Ze Kayah property near a contact between Yukon-Tanana and overlying Slide Mountain rocks. It consists of the Wolverine and Lynx Zones which are hosted by rhyolitic metavolcanics and argillites lying within the middle unit of the Layered Metamorphic Sequence. The mineralization consists primarily of semi-massive to massive pyrite and sphalerite with varying amounts of galena, chalcopyrite, tetrahedrite and native gold. The surface expression of the Wolverine Zone is marked by a vegetation kill zone containing weakly malachite-stained argillite while the Lynx Zone is blanketed by glacial till. Westmin has traced the deposit 700 m along strike and up to 450 m downdip and it is still open. The mineralization averages 6.1 m thick and dips shallowly to the north. Both zones contain significantly more zinc and precious metals than Kudz Ze Kayah. The current geological inventory is reported to be 5,311,000 tonnes grading 12.96% zinc, 1.41% copper, 1.53% lead, 359.1 g/t silver and 1.81 g/t gold (Westmin News Release, November 30, 1996). Soil geochemistry outlined weakly to moderately anomalous values along the projected surface trace of the deposit while magnetic surveys easily traced a laterally extensive, banded iron formation which occurs about 80 m up-section from the massive sulphide horizon. Interpretation of electromagnetic results is complicated by the presence of graphite within the argillite.

REGIONAL GEOCHEMISTRY

Published geochemical data for the Finlayson Lake area are limited to reconnaissance scale stream sediment sampling conducted in the late 1980's by the GSC (Hornbrook and Friske, 1988; Friske et al, 1990). The sampling was done at an approximate density of one sample per 10 sq km. Each sample was analyzed for twenty elements including common indicator elements for VMS deposits such as copper, lead, zinc, silver and arsenic. Anomalous results were obtained from creeks draining some previously known VMS occurrences (DIAND, 1995, Yukon Minfile 105G/32, 34 and 40) but many others, including the streams draining the Wolverine Deposit, produced near background values. Anomalous results were also obtained from several drainages where there were no known mineral occurrences. Follow-up exploration has since located showings in many of the anomalous creeks with the most significant discovery to date being the Kudz Ze Kayah Deposit.

Expatriate was able to supplement the published reports with private data summarizing results of 1973 exploration managed by Archer Cathro on behalf of a joint venture (Cathro, 1973). The reconnaissance prospecting and geochemical sampling program explored for lead-zinc mineralization in the lower unit of the Layered Metamorphic Sequence but because the data provides relatively uniform coverage over the entire region, it is also suitable for evaluating areas underlain by the favourable middle unit. The Archer Cathro samples included approximately 5000 soils and stream sediments collected at a density of approximately one sample per sq km. They were all analyzed for lead, zinc, copper and molybdenum. As might be expected, this closer

spaced sampling outlined many more areas of anomalous geochemical response than the government survey. Almost all of the known volcanogenic occurrences showed up as anomalies on this survey, including Kudz Ze Kayah and Wolverine.

The following table illustrates regional geochemical backgrounds for the metals and anomalous thresholds used for target selection.

GEOCHEMICAL BACKGROUNDS AND ANOMALOUS THRESHOLDS

	<u>Background</u>	<u>Anomalous Thresholds (ppm)</u>			<u>Peak Value</u>
		<u>Weak</u>	<u>Moderate</u>	<u>Strong</u>	
Copper	25	50	100	200	1720
Lead	30	50	100	200	>4000
Zinc	80	200	500	1000	>4000
Molybdenum	<1	2	5	10	65

The League property was staked to protect targets selected from the Archer Cathro data. Peak values from 1973 sampling at League were 106 ppm copper, 336 ppm lead, 1700 ppm zinc and 5 ppm molybdenum.

Copper, lead and zinc are major metals in most VMS occurrences in the Finlayson Lake area and are obvious indicator elements. Molybdenum is present in anomalous quantities in the banded iron formation overlying the Wolverine Deposit (Meade, personal communication, 1995) and appears to be slightly enriched in the felsic metavolcanic rocks. Based on the geochemical signature in the vicinity of known occurrences its presence can be used to distinguish copper anomalies associated with volcanogenic mineralization from those derived from ultramafic rocks.

REGIONAL GEOPHYSICS

The only published geophysical data for the Finlayson Lake area resulted from airborne magnetic surveys conducted in 1961 by the GSC on behalf of the Department of Mines and Technical Surveys. The surveys were flown with fixed-wing aircraft at a nominal elevation of 300 m above ground level on east-west lines spaced approximately 1.6 km apart. Results are presented on a 1:250,000 scale map (DMTS, 1961) and in more detail on a series of 1:50,000 maps.

The largest, most intense areas of positive magnetic response are associated with obducted ultramafic rocks belonging to the Slide Mountain Terrane. Within the Campbell Range Belt where dips are usually moderate to steep, the anomalies are narrow and elongate while in the remainder of the block where the ultramafic rocks occur along shallowly-dipping thrust faults, they are much broader.

A series of secondary positive anomalies was also recorded over Yukon-Tanana rocks but until recently they had no obvious explanation. Prospecting and mapping have now shown that magnetite occurs locally within schists of the middle unit of the Layered Metamorphic Sequence. The greatest documented concentration of magnetite is found in the hanging wall of the Wolverine Deposit where it forms several thin horizons approximately 80 m up-section from the massive sulphide mineralization. Magnetite is also a significant constituent of the mineralization at Kudz Ze Kayah. The League property covers a strong magnetic high related to Jurassic mafic plugs in the northern part of the property and two subdued linear anomalies overlying the Layered Metamorphic Sequence in the south-central area.

PROPERTY GEOLOGY AND MINERALIZATION

Most of the League property is heavily vegetated and is blanketed with glacial till. The only area that has been mapped is in the west-central part of the claim block. This mapping is described in detail in Appendix II and briefly summarized below.

Rocks within the mapped area belong to the Yukon-Tanana Terrane and have been subdivided into three domains which are separated by faults. Each domain exhibits different lithological sequences and foliation orientations. The faults are marked by strong electromagnetic conductors and were confirmed by diamond drilling. They trend easterly and dip almost vertically.

The southern domain is predominantly composed of chloritic phyllites with foliations that strike easterly and dip shallowly to the north.

The central domain includes a variety of rock types that are believed to belong to the middle unit of the Layered Metamorphic Unit. Stratigraphy includes carbonaceous phyllite and siltstone with lesser interbeds of felsic volcanics, chloritic phyllite, argillaceous limestone and quartzite. These rocks are intruded by a feldspar-quartz porphyry plug that is approximately 300 m in diameter. Foliations in these rocks dip moderately to the south.

The northern domain most closely correlates with the uppermost part of the lower unit of the Layered Metamorphic Sequence. It consists of a volcanic package which is underlain by moderately carbonaceous, thinly bedded, calcareous phyllites. The volcanic package contains chloritic phyllite with interbedded felsic volcanics, chlorite-feldspar porphyry, and mafic to felsic volcanoclastics. Extensive light apple green muscovite alteration is developed in parts of the volcanic package.

Surface rocks belonging to the volcanic package of the northern domain often exhibit pits where sulphides have been weathered out. Limonite is found in pits and along fractures. Drill core consisting of muscovite-altered volcanics typically contains pyrite disseminated along foliation planes and within quartz veins. Pyrite generally comprises less than 5% of the rock. Galena and sphalerite occur locally in drill core but no interval assayed greater than 1% lead or zinc.

PROPERTY GEOCHEMISTRY

General

Reconnaissance soil sampling was done at approximately 100 m intervals along claim lines, except where badly frozen ground prevented sample collection. The only grid sampling in 1996 was performed over a 1000 by 800 m area in the northeastern corner of the property where a reconnaissance sample returned strongly anomalous values for several metals. A baseline was established along the claim line to provide grid control and is marked by 1 m high wooden lath. Samples were collected at 100 m intervals along lines spaced 100 m apart. All reconnaissance and grid soil sample sites are marked by 0.5 m wooden lath bearing aluminum tags inscribed with the soil sample number and, where appropriate, grid coordinates.

The samples were sent to Chemex Labs in North Vancouver, B.C. where they were dried, sieved to 175 microns and then analyzed for 32 elements using the Induced Coupled Plasma (ICP) technique. Selected samples were later reanalyzed for gold. Sample locations for the 1995 and 1996 work are shown on Figure 5 while Certificates of Analysis for the 1996 results appear in Appendix IV. Certificates of Analysis for the 1995 work were reported earlier (Wengzynowski, 1996).

Results

Figures 6, 7 and 8 illustrate copper, lead and zinc values for the 1995 and 1996 work. Results from the 1995 grid sampling were the subject of an earlier report (Wengzynowski, 1996) and are compared to drill results in Appendix II.

The most promising new target was the reconnaissance sample that was later grid sampled in the northeastern corner of the property. The discovery sample returned 82 ppm copper, 1935 ppm lead, 1175 ppm zinc, 3.4 ppm silver, 6 ppm molybdenum and 30 ppb gold. These values were confirmed almost exactly by other samples taken from different soil horizons in a 1 m hand pit dug at this site and from two other sample sites 3 m away. Rock fragments in the hand pit all consisted of muscovite-altered metavolcanics. The discovery sample site is on a small knoll immediately north of a broad creek valley.

Grid sampling around the discovery sample returned weakly to moderately anomalous response for copper, lead and zinc and some strongly anomalous molybdenum values. No trend was outlined that would indicate the orientation of a bedrock source, probably because most of the samples were collected from glacial till.

A number of other reconnaissance samples from various parts of the property produced weakly to moderately anomalous values for one or more of the VMS indicator elements. None of these anomalous sites has received follow-up prospecting or sampling. The highest concentration of the anomalous values is found in the southeastern corner of the property. Nothing is known about geology in this area.

CONCLUSIONS AND RECOMMENDATIONS

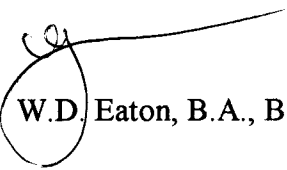
Although diamond drilling at League failed to intersect ore grade mineralization, it was still encouraging as it confirmed that the geology is suitable for a VMS deposit. Volcanic stratigraphy was intersected in most holes and some exhibit muscovite alteration similar to that found in the vicinity of the Kudz Ze Kayah and Wolverine Deposits. The drill holes were widely spaced and only partially tested the 1995 soil geochemical anomalies.

Reconnaissance sampling elsewhere on the property located one exceptional target in the northeastern corner and a number of secondary targets elsewhere.

The next stage of exploration should consist of closer spaced drilling in the vicinity of the 1995 soil geochemical anomalies and one or two stratigraphic holes to test the best 1996 soil geochemical target. Additional soil sampling, geological mapping and possibly geophysical surveys are also recommended in the vicinity of the secondary geochemical targets. Appendix II contains a number of specific recommendations concerning follow-up work related to the 1996 drill holes that should be done prior to, or in conjunction with, the program described above.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED


W.D. Eaton, B.A., B.Sc.

SELECTED REFERENCES

Cathro, R.J.

1973 Final Report, Finlayson Joint Venture; November 30, 1973, p.44.

Cominco Exploration

1995 Kudz Ze Kayah Program, Yukon; Information handout from Cordilleran Roundup, Spring 1995.

DIAND

1995 Yukon Minfile, November/95; Exploration Geological Services Division, Indian and Northern Affairs Canada.

DMTS

1961 Finlayson Lake (105G), Airborne Magnetic Map; Department of Mines and Technical Surveys, Geophysical Paper 70006G.

Friske, P.W.B., Hornbrook, E.H.W., Lynch, J.J., McCurdy, M.W., Gross, H., Galletta, A.C. and Durham, C.C.

1990 Regional stream sediment and water geochemical data, central Yukon; Geological Survey of Canada Open File 2174 (105K East).

Hornbrook, E.H.W. and Friske, P.W.B.

1988 Regional stream sediment and water geochemical data, southeastern Yukon; Geological Survey of Canada Open File 1648 (105G).

Johnston, S.T. and Mortensen, J.K.

1994 Regional setting of porphyry Cu-Mo deposits, volcanogenic massive sulphide deposits, and mesothermal gold deposits in the Yukon-Tanana Terrane, Yukon; Yukon Metallogeny: Recent Developments, Canadian-Yukon Economic Development Agreement, pp.30-34.

Morin, J.A.

1981 Volcanogenic iron and base metal occurrences in Klondike Schist, Yukon Geology and Exploration 1979-80, Department of Indian and Northern Affairs, pp.91-97.

Mortensen, J.K.

1992 Pre-Mid-Mesozoic Tectonic Evolution of the Yukon-Tanana Terrane, Yukon and Alaska; Tectonics, Vol.11, No.4, pp.836-853.

Mortensen, J.K. and Jilson, G.A.

- 1985 Evolution of the Yukon-Tanana Terrane: evidence from southeastern Yukon Territory; *Geology*, V.13, pp.806-810.

Pigage, L.C.

- 1996 Report describing Drilling and Geologic Mapping on the League 3-6, 11-19, 24-30 and 175-176 Claims.

Power, M.A. and Lee, C.C.

- 1996 Ground Total Magnetic Field and HLEM Survey of Properties in the Finlayson Allochthon, Yukon Territory.

Schultze, H.C.

- 1996 Summary of the Kudz Ze Kayah Project, volcanic hosted massive sulphide deposit Yukon Territory; *in*: Yukon Exploration and Geology, 1995, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, pp.29-32.

Tempelman-Kluit, D.J., Gordey, S.P. and Read, B.C.

- 1976 Stratigraphic and structural studies in the Pelly Mountains, Yukon Territory; Geological Survey of Canada Paper 76-1A, pp.97-106.

Tempelman-Kluit, D.J.

- 1977 Quiet Lake (105F) and Finlayson Lake (105G) map areas; Geological Survey of Canada Open File 486.
- 1979 Transported Cataclasite, Ophiolite and Granodiorite in Yukon: Evidence of Arc-Continent Collision. Geological Survey of Canada, Paper 79-14, 27 pages.

Wengzynowski, W.A.

- 1996 Assessment Report describing Geological Mapping, Prospecting, Geochemistry and Geophysical Surveys on the League Property, 105G/10, Watson Lake Mining District.

Westmin Resources Limited

- 1996 News Release, Joint Release with Atna Resources Ltd; November 30, 1996, p.2.

Whiteway, P.

- 1995 "Fast-Tracking" ABM; *in* Canadian Mining Journal, June 1995, pp.17-21.

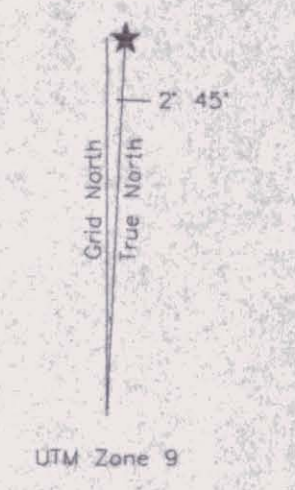
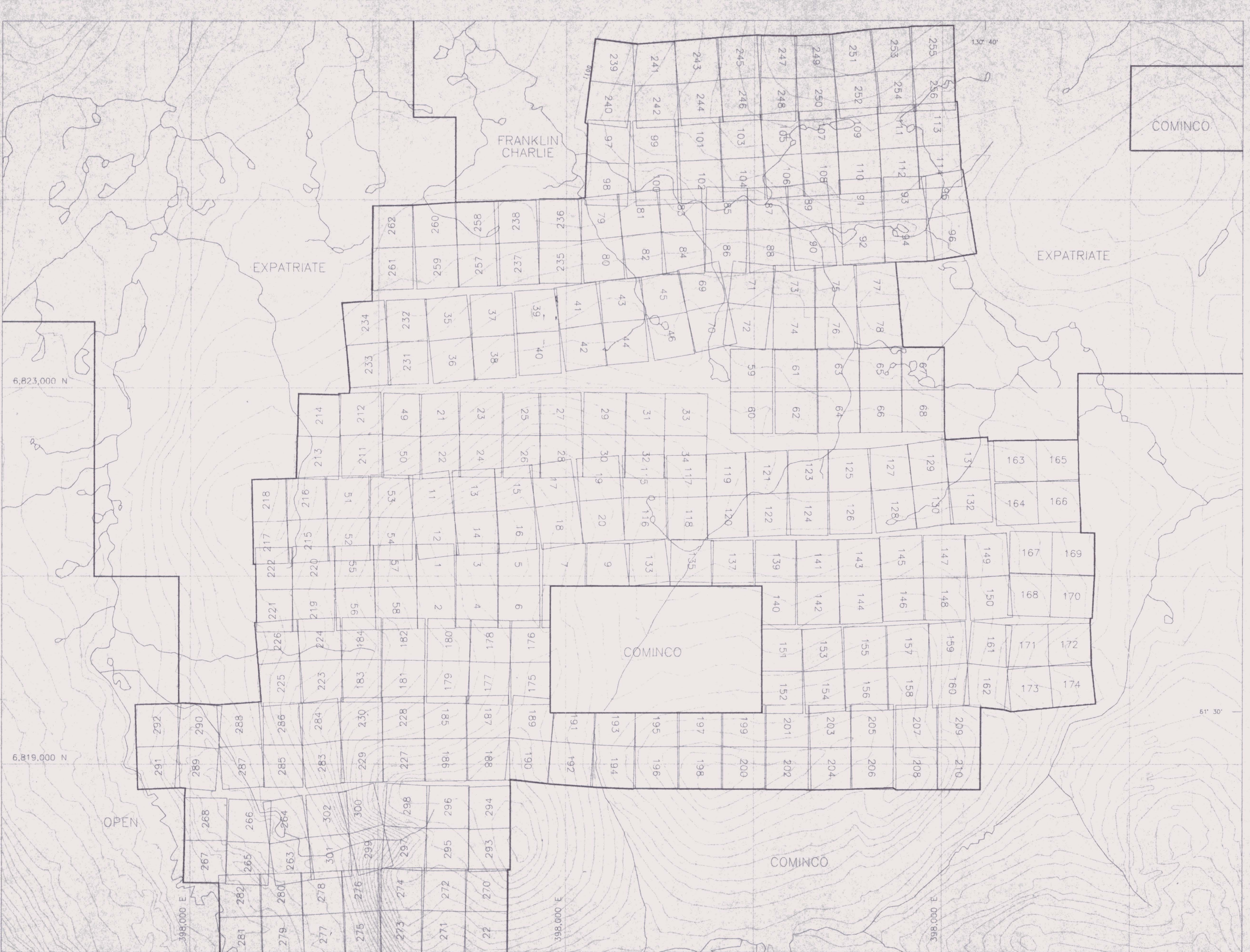
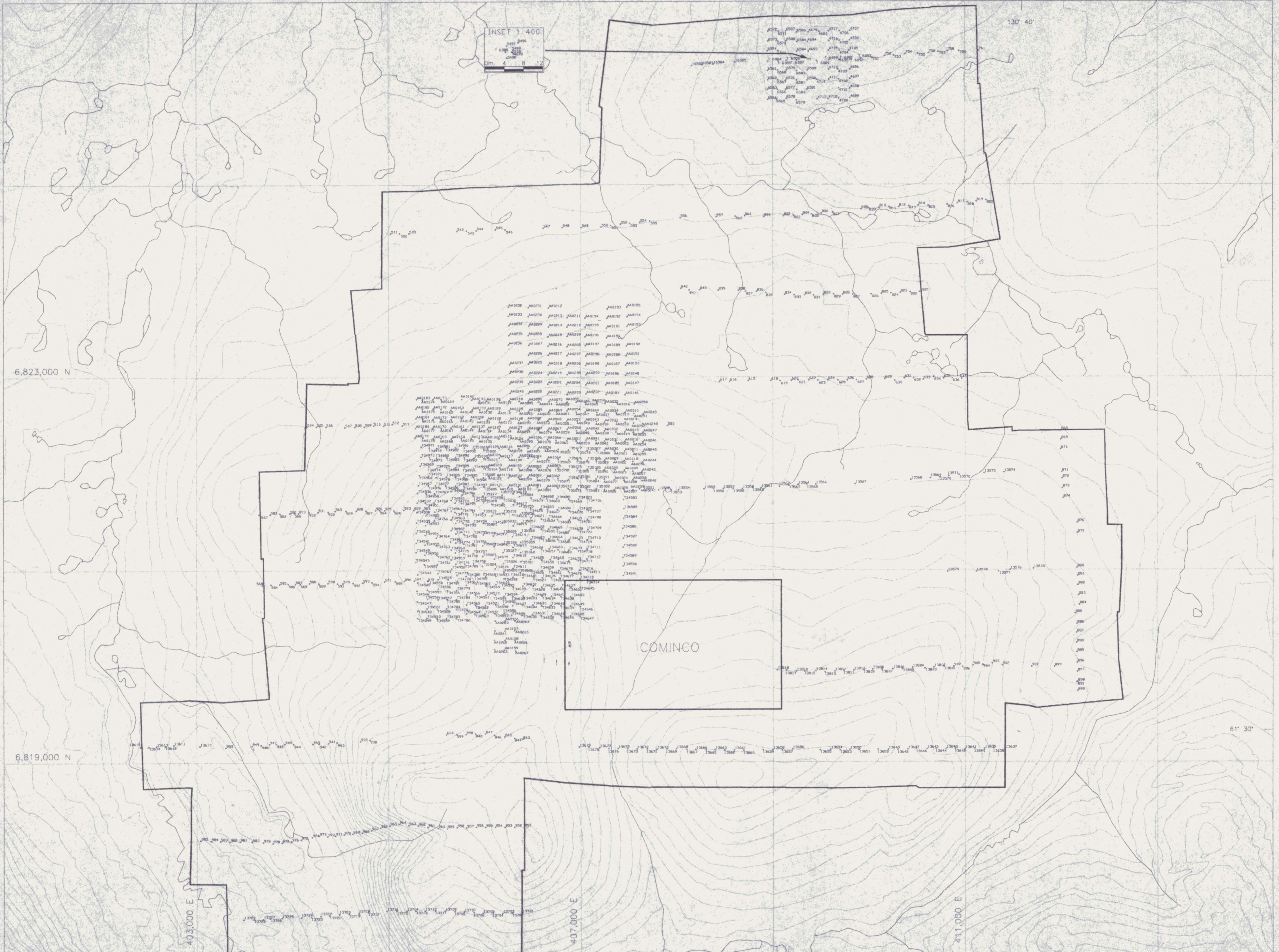


FIGURE 2
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CLAIM LOCATION
 LEAGUE PROPERTY
 EXPATRIATE RESOURCES LTD.
 Scale 1:20,000
 0 200 400 800 1200 1600 2000 m

093571
 #



INSET 1:400
 0m 4 8 12

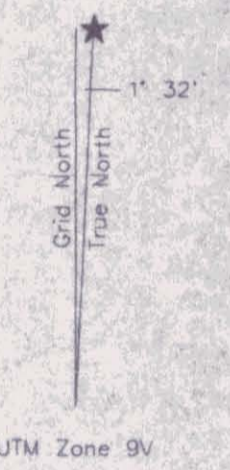
Grid North
 True North
 1" = 32'
 UTM Zone 9V

381 Sample location with number
 All sample numbers preceded by BB unless otherwise noted

FIGURE 5
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SAMPLE LOCATION
 LEAGUE PROPERTY
 EXPATRIATE RESOURCES LTD.

Scale 1:20,000
 0 200 400 800 1200 1600 2000 m

#2 0080





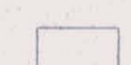
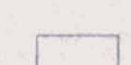
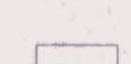
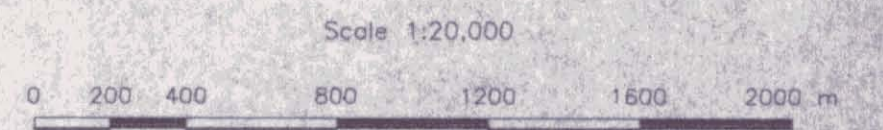
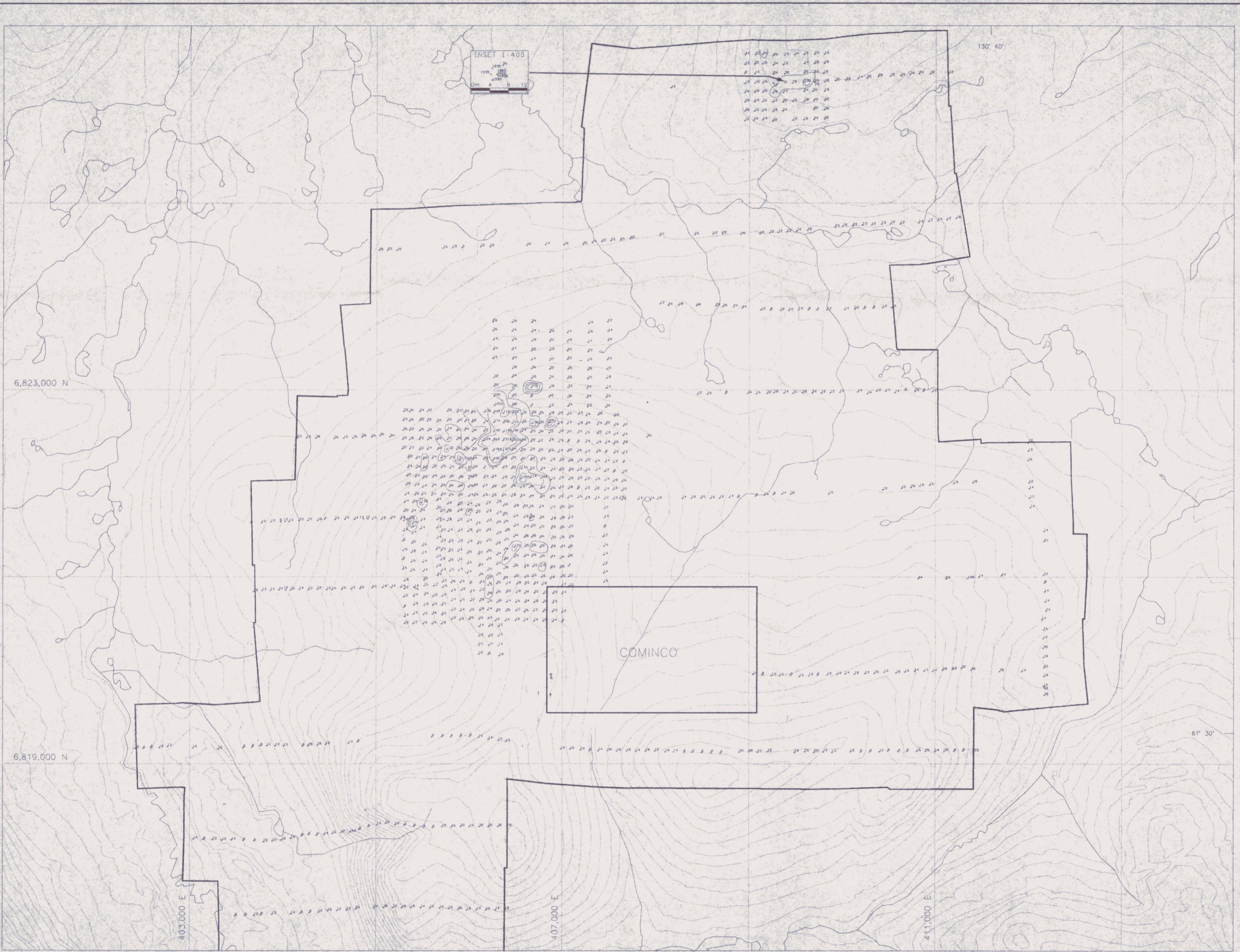
-  Claim boundary
-  Sample location with copper value in ppm
-  ≥ 200 ppm Cu
-  ≥ 100 < 200 ppm Cu
-  ≥ 50 < 100 ppm Cu

FIGURE 6
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
COPPER GEOCHEMISTRY
 LEAGUE PROPERTY
 EXPATRIATE RESOURCES LTD.



06851-1
#3



True North
 1' 32"
 UTM Zone 9V

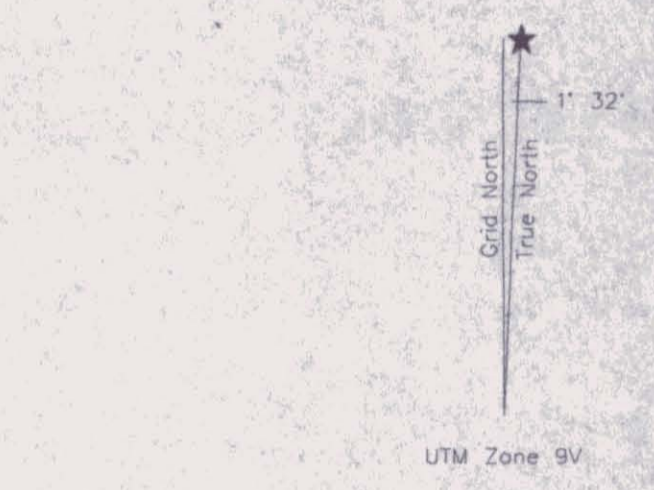
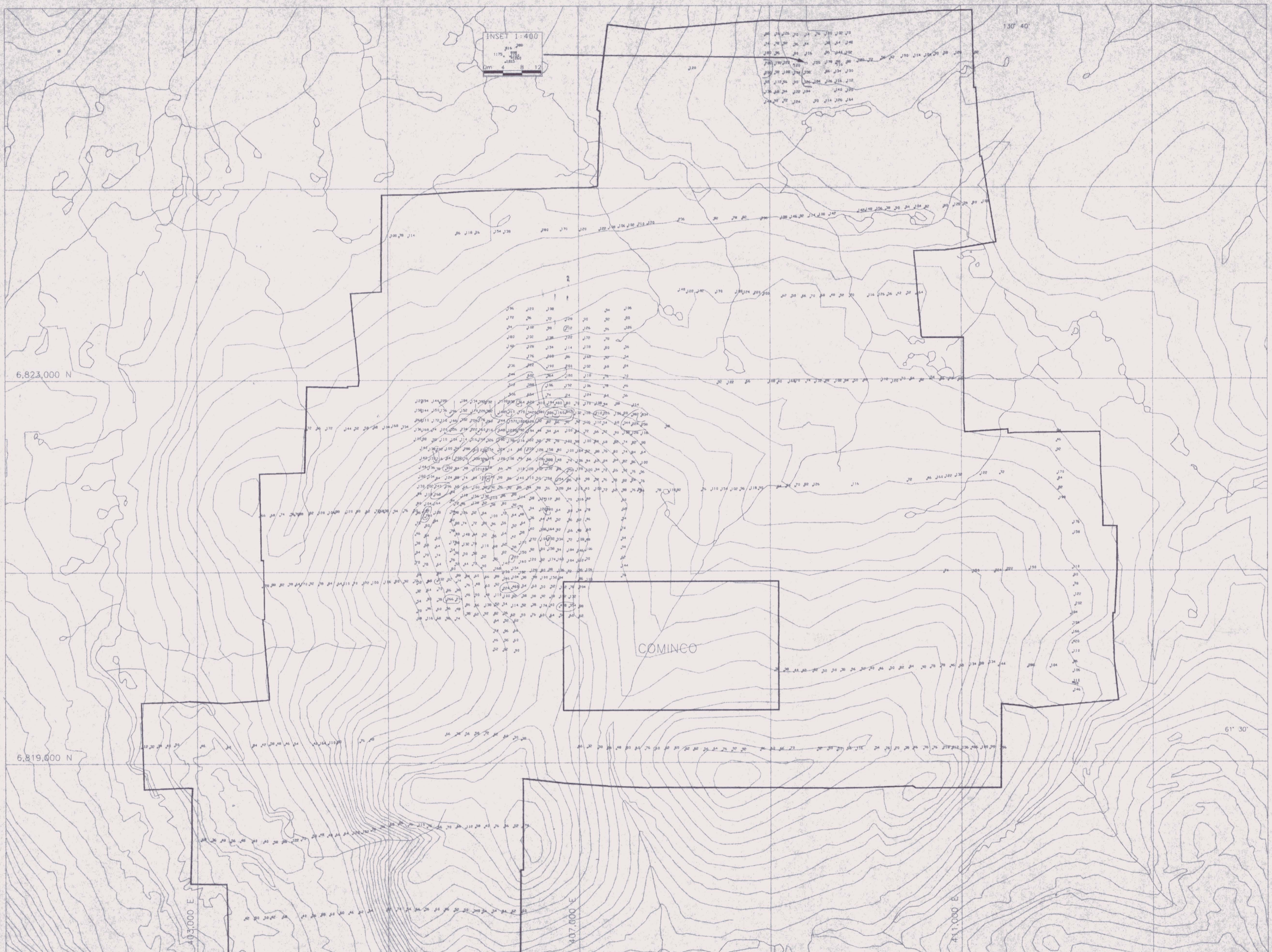
- Claim boundary
- 96 Sample location with lead value in ppm
- ≥ 200 ppm Pb
- ≥ 100 < 200 ppm Pb
- ≥ 50 < 100 ppm Pb

FIGURE 7
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
LEAD GEOCHEMISTRY
 LEAGUE PROPERTY
 EXPATRIATE RESOURCES LTD.

Scale 1:20,000
 0 200 400 800 1200 1600 2000 m

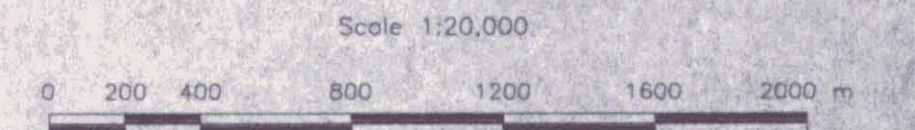
093571

#4



- Claim boundary
- Sample location with zinc value in ppm
- ≥ 1000 ppm Zn
- $\geq 500 < 1000$ ppm Zn
- $\geq 200 < 500$ ppm Zn

FIGURE 8
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ZINC GEOCHEMISTRY
 LEAGUE PROPERTY
 EXPATRIATE RESOURCES LTD.



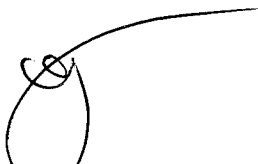
093571

APPENDIX I
AUTHOR'S STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, W. Douglas Eaton, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in North Vancouver, British Columbia, do hereby declare that:

1. I graduated from the University of British Columbia in 1980 with a B.Sc. majoring in Geological Sciences.
2. From 1971 to present, I have been actively engaged in mineral exploration in British Columbia and Yukon Territory and on June 1, 1981, I became a partner in Archer, Cathro & Associates (1981) Limited.
3. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.



W. Douglas Eaton, B.A., B.Sc.

APPENDIX II

**DRILLING AND GEOLOGIC MAPPING
ON THE LEAGUE 3-6, 11-19, 24-30 AND 175-176 CLAIMS
BY LEE C. FIGAGE
NOVEMBER, 1996**

REPORT

describing

DRILLING and GEOLOGIC MAPPING

on the

LEAGUE 3-6, 11-19, 24-30, and 175-176 CLAIMS

League 3-6 YB59145-YB59148
League 11-19 YB59153-YB59161
League 24-30 YB60207-YB60213
League 175-176 YB61648-YB61649

Latitude 61°31'N; Longitude 130°45'W

NTS 105G/10

in the

**WATSON LAKE MINING DISTRICT
YUKON TERRITORY**

Prepared by

Archer, Cathro & Associates (1981) Limited

for

EXPATRIATE RESOURCES LTD.

Lee C. Pigage, Ph.D., P. Geo.
L.C. Pigage Consulting
November, 1996

TABLE of CONTENTS

SUMMARY	1
INTRODUCTION	4
LOCATION and ACCESS	4
REGIONAL GEOLOGY.	8
PREVIOUS WORK	12
1996 FIELD PROGRAM	15
1996 SURVEY CONTROL	18
PROPERTY GEOPHYSICS.	18
PROPERTY GEOLOGY	19
1996 DRILL PROGRAM	21
DETAILED GEOLOGY	22
Introduction	22
Stratigraphy	27
MSAD (mafic volcanic)	27
PHAD (mafic volcanic)	27
VCAD (mafic volcanoclastic?)	28
VDCD (intermediate volcanoclastic)	28
MSRH (felsic volcanic)	28
SLMS	29
GRCH (MSCH)	29
Alteration	29
Structure and Metamorphism	31
Drill Results	31
CONCLUSIONS and RECOMMENDATIONS	43
SELECTED REFERENCES.	46
APPENDIX I - STATEMENT of QUALIFICATIONS	48
APPENDIX II - 1996 LEAGUE DRILL LOGS	50

APPENDIX III - CERTIFICATES of ANALYSIS	69
APPENDIX IV - VANCOUVER PETROGRAPHICS LTD. REPORT	95
APPENDIX V - GPS COORDINATES for LEAGUE	120

LIST of FIGURES

Figure 1. Property Location	5
Figure 2. Claim Location (1:65,000 scale)	7
Figure 3. Tectonic Setting	9
Figure 4. Regional Geology	10
Figure 5. 1995-1996 Grids (1:25,000 scale)	14
Figure 6. HEM Conductors (Dighem IPOWER) (1:65,000 scale)	16
Figure 7. Property Geology Geological Domains (1:25,000 scale)	20
Figure 8. Detailed Geology (1:10,000 scale)	23
Figure 9. Detailed Geology and Lead Soils (1:10,000 scale)	24
Figure 10. S2 Foliation Stereonet	32
Figure 11. Section A (1:1,000 scale)	35
Figure 12. Section B (1:800 scale)	36
Figure 13. Section C (Northwest) (1:600 scale)	37
Figure 14. Section C (Southeast) (1:1,000 scale)	38
Figure 15. Section C (1:5,000 scale)	39
Figure 16. Section D (Northwest) (1:1,000 scale)	40
Figure 17. Section D (Southeast) (1:1,200 scale)	41
Figure 18. Section D (1:5,000 scale)	42

LIST of TABLES

Table 1. Claim Registration Information	6
Table 2. 1996 Drill Hole Locations	21
Table 3. XRF whole rock analyses for mafic volcanics - League property	25
Table 4. XRF whole rock analyses for felsic volcanics - League property	26
Table 5. Best mineralized intersections - 1996 League Drilling Program	34

SUMMARY

The northern part of the League property is underlain by massive basalts (chloritic phyllites) with lesser interbanded felsic to intermediate volcanoclastics and dark grey, aphanitic rhyolites. This sequence overlies a thick carbonaceous calcareous phyllite unit. Lithologic comparisons suggest that this entire sequence correlates with the Cambro-Ordovician Kechika Group. Large geochemical soil anomalies occur within the rhyolite-basalt sequence.

Detailed geologic mapping indicates the soil anomalies are associated with a muscovite-quartz phyllite which occurs structurally beneath a massive aphanitic grey rhyolite and above massive chloritic basalts. The rhyolite and muscovite-quartz phyllite with associated soil anomalies form two northeast-southwest trending belts on the League property. The units dip gently to the southeast.

Six drill holes were completed on the League property for a total of 1153.36 m during the interval June 6-July 3, 1996. Three of the six drill holes successfully drilled through the north rhyolite sequence. All three encountered extensive muscovite-quartz phyllites occurring structurally beneath aphanitic rhyolite and above chloritic phyllite. It is uncertain whether the muscovite-quartz phyllites represent felsic volcanoclastics or highly muscovite altered basalts. The muscovite-quartz phyllites and aphanitic rhyolites contain elevated values of lead and zinc. The best intersections are as follows:

Best mineralized intersections - 1996 League Drilling Program

Drill Hole	From	To	Intvl	Unit	Cu	Pb	Zn	Ag	Au
	(m)	(m)	(m)		ppm	ppm	ppm	ppm	ppb
LG96-02	36.60	37.89	1.29	MSRH	0.01 %	0.87 %	0.01 %	19.2	60
	43.18	51.21	8.03	AXAD	<0.01 %	0.07 %	0.18 %	3.3	263
	185.32	186.80	1.48	AXAD	0.01 %	0.07 %	0.42 %	1.0	15
LG96-03	97.79	100.87	3.08	MSAD	0.01 %	0.03 %	0.56 %	2.4	
LG96-04	26.60	30.18	3.58	AXRH	6	122	4030	0.5	
LG96-05	92.81	95.40	2.59	MSRH	17	232	5430	6.8	

In at least one drill hole the mineralized interval contains thin sulphide-quartz stringers with pyrite and associated sphalerite and galena. The mineralized intersections suggest the possibility of hydrothermal activity within these units with sulphide stringers being distal to massive sulphides. Massive sulphide mineralization was not intersected in any of the drill holes.

The present drilling has not fully tested the zones of rhyolite and muscovite-quartz phyllite for syndepositional massive sulphide deposits. The rhyolite horizons remain open to the northeast as the anomalous units are covered with overburden. Similarly, the anomalous horizons have not been fully tested downdip.

The following recommendations are made for continued exploration on the League property.

- 1) Re-logging of the existing 1996 drill holes should be completed to address the question of the protolith for the muscovite-quartz phyllites occurring beneath the rhyolite unit. It is essential to know if the muscovite-quartz unit is a highly altered basalt or a micaceous felsic volcanic/volcaniclastic. Trace elements may be useful in trying to make this distinction.
- 2) The muscovite-quartz phyllites from existing holes LG96-02, LG96-04, and LG96-05 should be examined for possible trace element variations outlining an along-strike zoning variation. The trace elements studies may suggest a vector direction for future exploration efforts.
- 3) Geophysical HEM and HLEM conductor axes in the area northeast of the existing drill holes should be re-examined in light of the changes to the geologic interpretation from the 1996 field program. This area is covered with overburden; any geochemical anomalies would be masked by the cover. The geophysical surveys may indicate potential massive sulphide mineralization.
- 4) Downdip drilling should be completed on at least one of the drill pads LG96-02, LG96-04, LG96-05. Trace elements should be examined to determine if they are useful in outlining a downdip zoning trend.
- 5) Infill drilling should be completed on the north rhyolite sequence to reduce the spacing of drill hole intersections to 200 m along strike.
- 6) At least one drill hole should be completed to test the south rhyolite sequence. Hole LG96-06 failed to test this target because of fault complications. The target horizon is probably most easily tested from drill pad(s) constructed northeast of hole LG96-06.

7) The north and south rhyolite sequences should be drill tested along strike to the northeast. This northeast extension is covered by overburden; geochemical anomalies would be masked by the cover. Drill pads should be placed with the help of the existing geophysical surveys.

Recommendations 1-3 can be completed without further drilling. Recommendations 4-7 involve further drilling on the League property. Further drilling should be conducted as a staged process depending on the results of the trace element studies, geophysical surveys, and geological interpretation from the earlier drill holes.

INTRODUCTION

The League property consists of 302 contiguous mineral claims owned 100% by Expatriate Resources Ltd. The first 114 claims were staked between March and August 1995 to cover several soil sample sites from a 1973 exploration program with moderately to strongly anomalous lead, zinc, and copper analyses. An additional 188 claims were staked in 1995.

The property was considered to be favourable for VMS (volcanogenic massive sulphide) type mineralization within rocks of the Yukon-Tanana terrane. Field work conducted in 1995 outlined a 1500 m by 600 m area with coincident weak to strong soil anomalies for lead, zinc, silver, molybdenum, antimony, arsenic, manganese, and gold. Geophysical anomalies in the same area as the soil anomalies are characterized by strong, multi-frequency Maxmin conductors with weak magnetic response. Galena bearing float was also found near one of the anomalous soil sample sites.

During the 1996 field season a Val D'or drill was mobilized to test the coincident geochemical and geophysical anomalies. At the same time limited geological mapping at 1:2,000 scale was completed to help delineate the drill targets. A total of 1153.36 m was drilled in 6 NQ diamond drill holes on the property between June 06 and July 03, 1996. This report presents the results of the 1996 geological mapping and drill programs. The author supervised the drilling and mapping programs; a statement of qualifications is included in this report as Appendix I.

LOCATION and ACCESS

The League property is located in southeast Yukon at latitude 61° 31' N and longitude 130° 45' W (Figure 1) in the Watson Lake Mining District. It consists of 302 contiguous mineral claims registered in the name of Archer, Cathro & Associates (1981) Limited which holds them in trust for Expatriate. Table 1 lists the pertinent claim information.

The claims are located in the Campbell Range in NTS map sheets 105G/8 and 105G/10 (Figure 2). Topographic relief is gentle over most of the property. Elevations range from 1100 m in the valley bottom near Big Campbell Creek to 1640 m along ridge crests in the southern part of the claim block.

Creeks draining the property flow into Big and Little Campbell Creeks; these creeks flow into the the Pelly River, a tributary of the Yukon River.

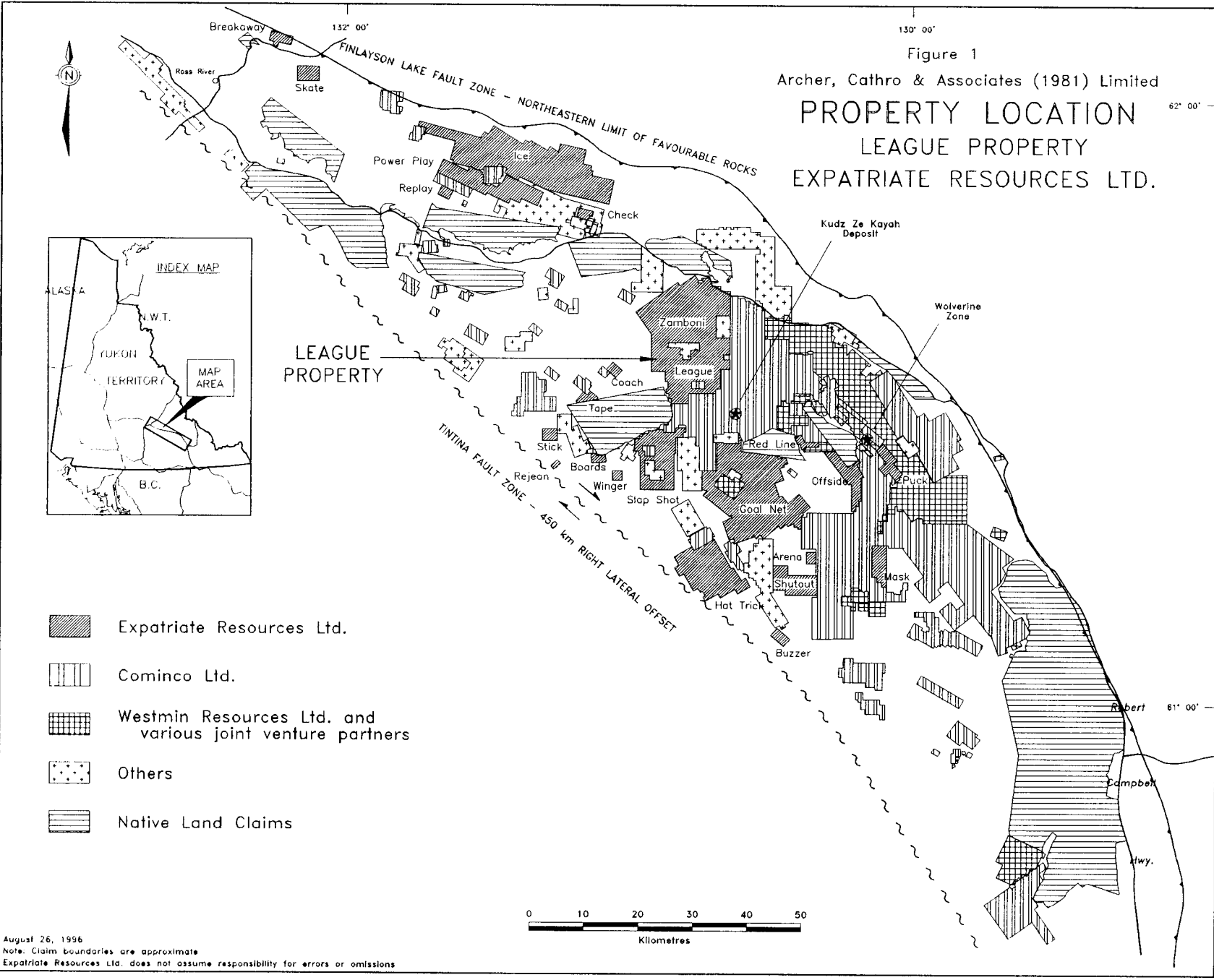
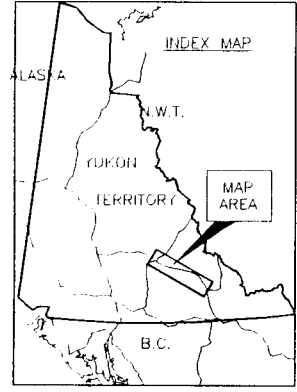







Figure 1
 Archer, Cathro & Associates (1981) Limited
PROPERTY LOCATION
LEAGUE PROPERTY
EXPATRIATE RESOURCES LTD.



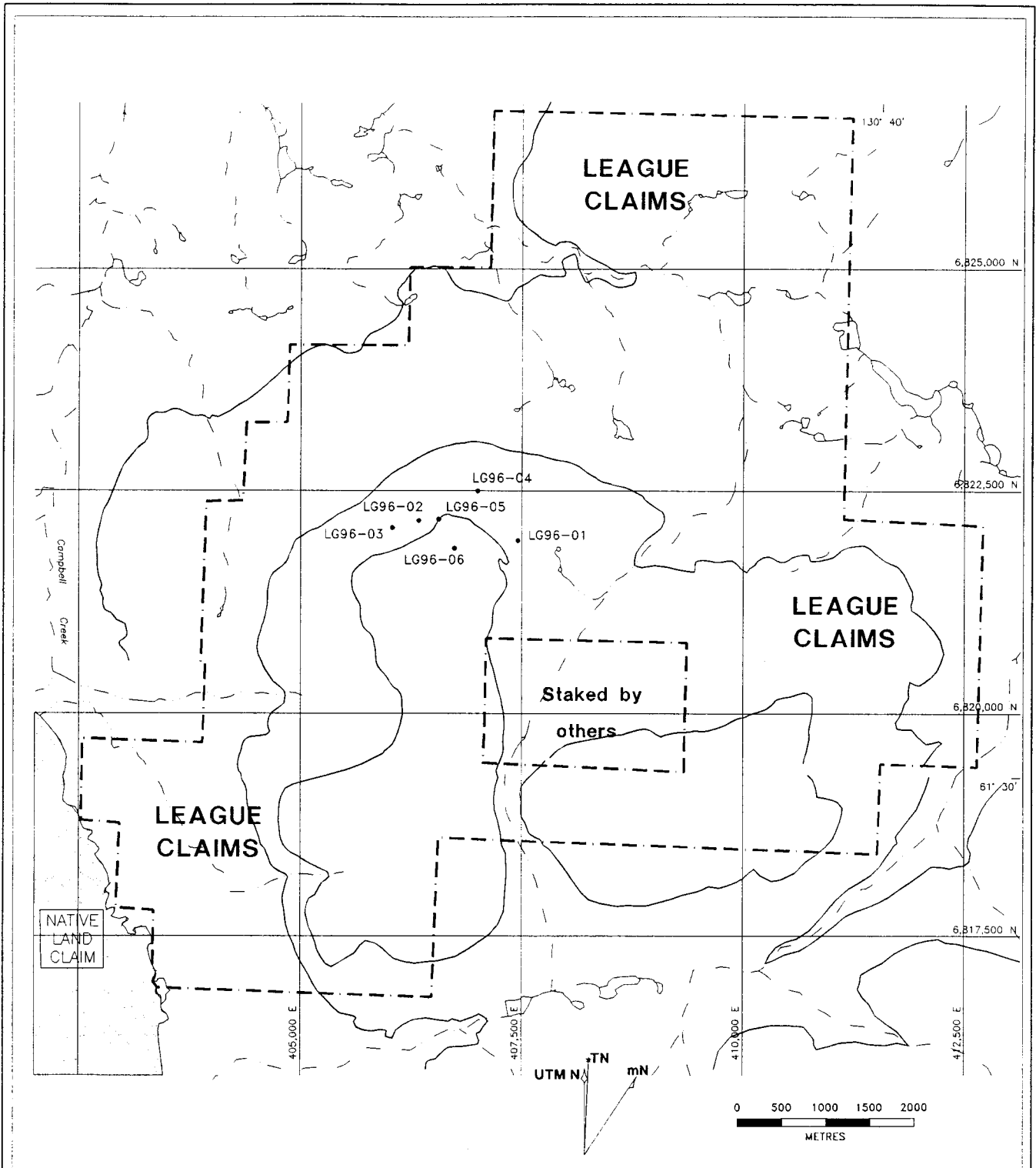
-  Expatriate Resources Ltd.
-  Cominco Ltd.
-  Westmin Resources Ltd. and various joint venture partners
-  Others
-  Native Land Claims

August 26, 1996.
 Note: Claim boundaries are approximate.
 Expatriate Resources Ltd. does not assume responsibility for errors or omissions.

Table 1. Claim Registration Information

Claim Name	Grant Number	Expiry Date*
League 1-20	YB59143-YB59162	March 17, 2001
League 21-58	YB60204-YB60241	March 17, 2001
League 59-114	YB60855-YB60910	March 17, 2001
League 115-210	YB61588-YB61683	March 17, 2001
League 211-230	YB68849-YB68868	March 17, 2001
League 231-256	YB70229-YB70254	March 17, 2001
League 257-262	YB70640-YB70645	March 17, 2001
League 263-268	YB70666-YB70671	March 17, 2001
League 269-282	YB70743-YB70756	March 17, 2001
League 283-302	YB70646-YB70665	March 17, 2001

* Expiry date includes work filed for assessment credit but not yet accepted.



Native land claims



Claim margin



Drill hole collar

Figure 2

Archer, Cathro & Associates (1981) Limited

CLAIM LOCATION

LEAGUE PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:65,000 FILE: LGCLMLIM.DWG

DRAWN: LCP PROJ:FP DATE: 31/10/1996

The property straddles treeline. Vegetation consists of black spruce, alder and willow changing to buckbrush and willow and eventually alpine grass, moss, and lichen with increasing elevation.

During the 1996 field season access to the property was by contract helicopter from the base camp located on the the southeast end of Finlayson Lake. The Finlayson Lake base camp was situated 20 km northeast of the property. The League property is located 12 km northwest of the Cominco Kudz Ze Kayah deposit and exploration camp.

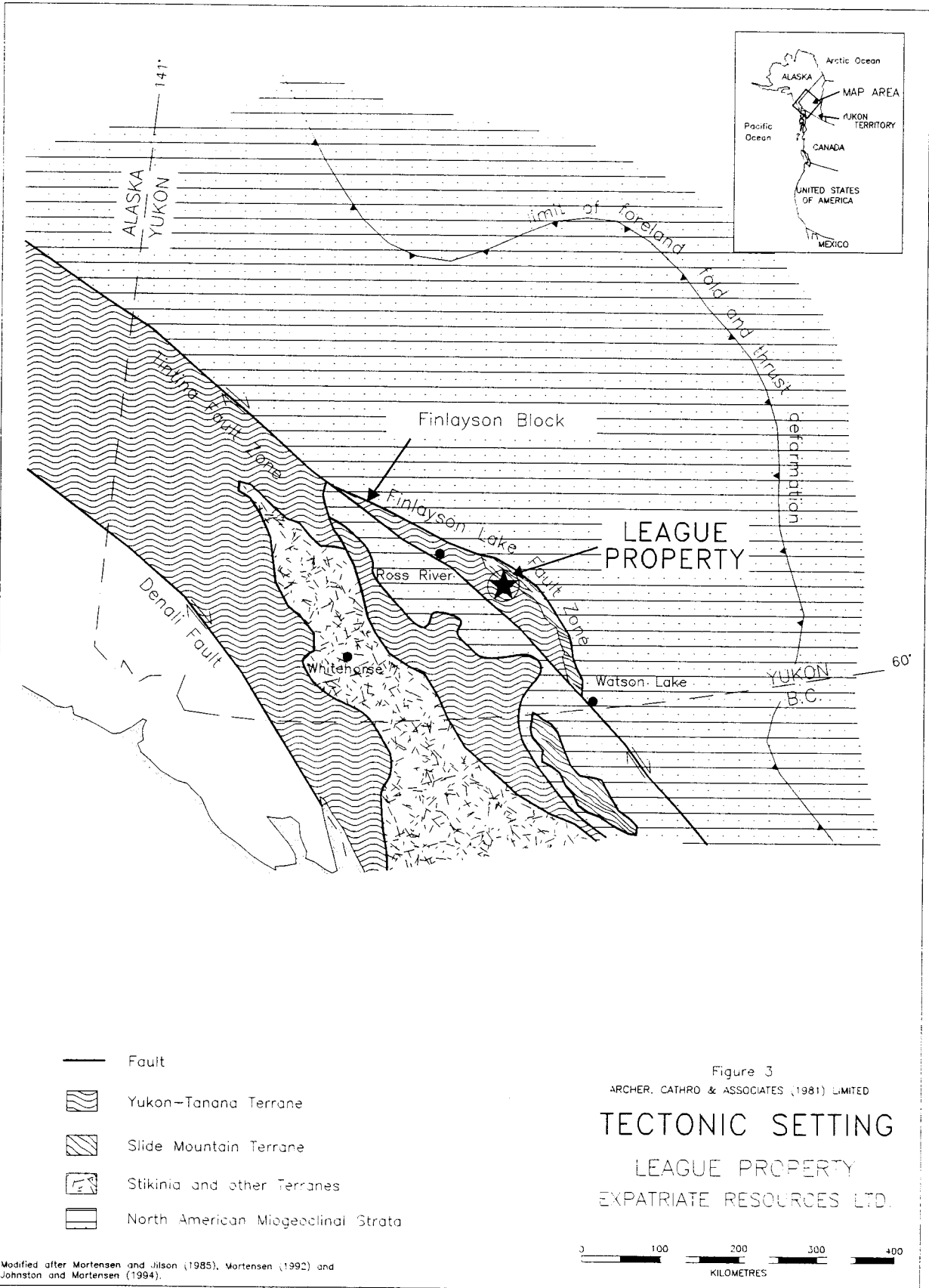
REGIONAL GEOLOGY

The League property is located within the Finlayson Block, a 380 km by 60 km area comprised of Yukon-Tanana and Slide Mountain geologic terranes (Figure 3). These terranes represent the innermost of the accreted or "suspect" terranes in the Canadian Cordillera (Mortensen and Jilson, 1985). The northeast margin of the block is the Finlayson Lake Fault Zone (FLFZ) a complex zone of steep and shallow faults related to transpressive suturing. The southwest boundary of the block is the Tintina Fault, a major strike-slip fault with at least 450 km of dextral displacement during late Cretaceous and/or early Tertiary time (Tempelman-Kluit *et al.*, 1976).

Regional mapping of the Finlayson Block was completed by the Geological Survey of Canada in the mid to late 1970's (Tempelman-Kluit, 1977, 1979). More recent regional studies have been published by Mortensen and Jilson (1985) and Mortensen (1992). The following discussion of the regional geology (Figure 4) is based partly on the published work and partly on unpublished geologic mapping completed in 1996 (Tempelman-Kluit, personal communication, 1996).

The Yukon-Tanana terrane is comprised largely of Paleozoic continental margin and/or arc stratigraphy deposited on a continental basement of uncertain origin (Mortensen, 1992). The Yukon-Tanana terrane in the Finlayson Block contains three major sequences. The lowermost unit consists of garnet-mica schist with interbanded marbles, calc-silicates, and calcareous schists near the top. The middle unit is a carbonaceous quartzite, schist, or phyllite with rare conglomerates and locally extensive felsic and mafic volcanic interbands. Marble and quartzite constitute the uppermost unit. Radiometric dating of the felsic metavolcanics in the middle unit has consistently resulted in late Devonian to Mississippian crystallization ages (Mortensen, 1992). The upper unit is dated with fossils as Early Pennsylvanian to early Permian (Tempelman-Kluit, 1979).

This sequence of units in the Yukon-Tanana terrane is generally correlative with a similar stratigraphic sequence in ancestral North America (Mortensen and Jilson, 1985;



130° 00'

Figure 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

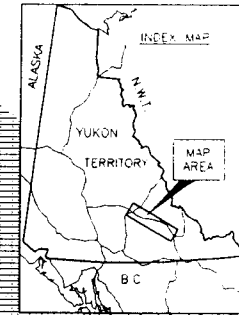
REGIONAL GEOLOGY

LEAGUE PROPERTY
EXPATRIATE RESOURCES LTD.

62° 00'



LEAGUE
PROPERTY



North American Miogeocline

Pre-Triassic sedimentary and volcanic

Slide Mountain Terrane

Chert, ultramafic, greenstone, metavolcanics, and carbonate rocks

Yukon-Tanana Terrane

Paleozoic Metaplutonic Rocks / Gneisses

Paleozoic Layered Metamorphic Sequence - Lower, Middle, Upper Units

Units common to all three terranes

Young Volcanic Rocks

Mesozoic Plutonic Rocks

Mesozoic Clastic Rocks

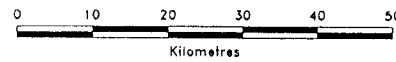
Geological contacts

Sleep fault

Thrust fault

Properties held by Expatriate Resources Ltd.

TINTINA FAULT ZONE - 150 km RIGHT LATERAL OFF-SET



61° 00'

Modified after Mortensen and Jilson (1985)

Tempelman-Kluit, personal communication, 1996). The lowermost unit is correlated with the Lower Cambrian Atan Group, and the middle carbonaceous assemblage is correlated with the offshore, Siluro-Devonian Nasina quartzite assemblage. The felsic volcanics in the middle unit are most similar to the locally extensive Mississippian siliceous volcanics in the North American stratigraphy. Local calcareous phyllites and massive greenstones near the top of the lower unit are lithologically similar to the Kechika Group and lower Paleozoic alkalic and potassic greenstones, respectively.

Gneiss and augen gneiss invariably occur low in the Yukon-Tanana succession beneath either the lowermost calcareous unit or the middle carbonaceous unit. Mortensen and Jilson (1985) considered the gneisses to be metamorphosed mid-Paleozoic plutonic rocks. More recently Tempelman-Kluit (personal communication, 1996) considered these gneisses to be at least in part a replacement unit of earlier stratigraphy. Radiometric dating of the gneisses has consistently resulted in late Devonian to Mississippian ages (Mortensen, 1992). The gneisses occur in structural culminations with diameters on the order of 10 km and structural relief up to about 1 km.

The Devonian-Mississippian Simpson suite (Mortensen, 1992) forms thick intervals of hornblende granodiorite and quartz monzonite higher in the Yukon-Tanana stratigraphic sequence. Mortensen and Jilson (1985) interpreted this suite as intrusive; Tempelman-Kluit (1979, personal communication, 1996) mapped the suite as an allochthonous structural slice emplaced on top of the structural pile.

Slide Mountain terrane consists of late Devonian to late Triassic disrupted oceanic crust (Mortensen, 1992). Lithologies include massive and sheared greenstone, chert, and mafic to ultramafic plutonic rocks occurring as fault-bounded slices along thrust faults and steep faults. These units are most abundant near the northeast edge of the Finlayson Block, but are also found throughout it.

Younger units unconformably overlie units from Slide Mountain, Yukon-Tanana, and North America terranes. Mesozoic clastic rocks are Late Triassic, immature sediments containing cobbles from both Slide Mountain and Yukon-Tanana terranes. Young volcanic rocks consist of Late Cretaceous to Tertiary felsic volcanic flows and volcanoclastic deposits; they are usually found in close proximity to the Tintina Fault Zone.

Mesozoic intrusive activity in the Finlayson Block includes two suites. The first consists of several unmetamorphosed Early Jurassic mafic and intermediate composition plutons. The second suite consists of Late Cretaceous two-mica quartz monzonite or granite (Mortensen and Jilson, 1985).

Structurally Yukon-Tanana schists and gneisses contain a pervasive, flat to gently

dipping foliation. Close examination of this fabric indicates that it commonly is a closely spaced crenulation cleavage. Large scale folds related to this fabric can be mapped rarely in the field. In most cases bedding and earlier fabrics are transposed into near parallelism with this dominant fabric. Later crenulation cleavages are present only locally. Some of the Cretaceous intrusions have a mild deformation fabric; others are massive and do not contain a foliation.

Thrust faults within the Finlayson Block juxtapose lithologic sequences with similar deformation fabrics. Thrusting postdates the late Paleozoic Slide Mountain lithologies and predates the Cretaceous intrusives. Recent mapping also suggests but does not definitively prove the presence of major late extensional faults juxtaposing differing sequences (Tempelman-Kluit, personal communication, 1996). East-northeast trending steep normal faults disrupt all earlier deformation fabrics.

Metamorphic grades range from lower greenschist facies to middle amphibolite facies. Contact hornfels occur locally around plutonic units.

Metamorphism and deformation are tentatively correlated with transpressive suturing of these suspect terranes with ancestral North America. Suturing is restricted to the time interval of post-Triassic continuing into the Cretaceous. Whether deformation is continuous or episodic has not been fully verified at present.

The discovery of the Kudz Ze Kayah and Wolverine volcanogenic massive sulphide deposits within the Finlayson Block in the last few years (Johnston and Mortensen, 1994) has re-focused exploration activities in the area. Both deposits occur within metasedimentary and metavolcanic sequences of the Yukon-Tanana terrane and are associated with felsic volcanics present in the middle unit of that terrane. The Yukon Minfile (DIAND, 1995) of mineral occurrences contains some twenty-one reported occurrences in the Finlayson Block which are suspected to be volcanogenic in origin.

PREVIOUS WORK

Published regional airborne magnetic surveys for the Finlayson Lake map sheet (105G) contain a strong linear magnetic high trending east-west over the northern part of the property (DMTS, 1961). The magnetic signature over the rest of the property is flat.

Published regional geochemical data for the Finlayson Lake map sheet (105G) is limited to reconnaissance scale stream sediment sampling conducted by the Geological Survey of Canada (Hornbrook and Friske, 1988). The sampling was completed at an approximate density of one sample per 10 sq km. Each sample was analyzed for twenty elements including copper, lead, zinc, silver, and arsenic. Three

samples from the database were collected from the League property (samples 1383, 1384, and 1394); the samples were not anomalous in base metals.

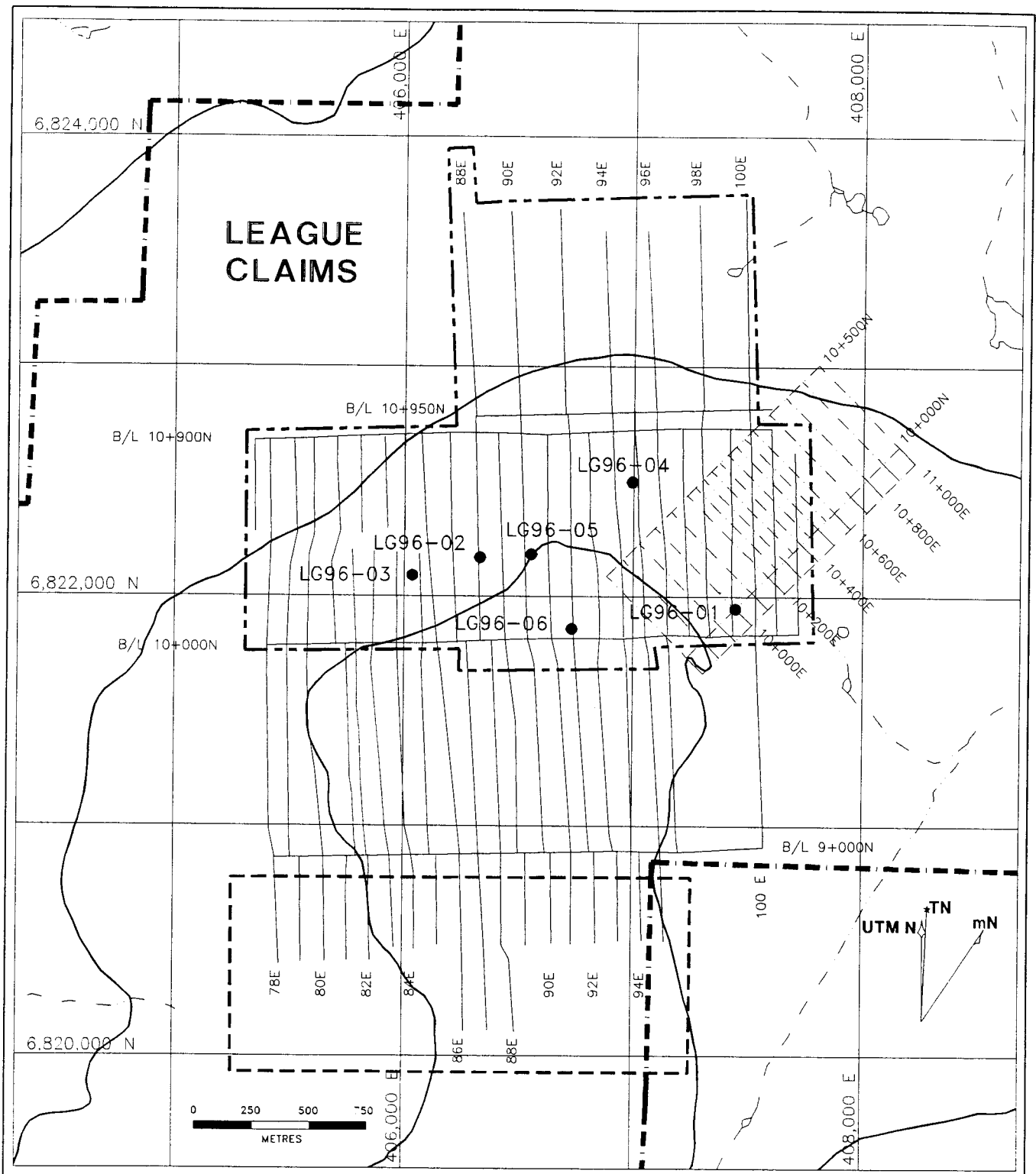
Expatriate was able to supplement the published reports with private data summarizing the results of a 1973 regional exploration program managed by Archer, Cathro & Associates Limited (Cathro, 1973). The program included about 5,000 soil and stream sediment samples collected at a density of approximately one sample per square kilometre. All samples were analyzed for lead, zinc, copper, and molybdenum. Peak values from the 1973 data on the League property were 212 ppm copper, 336 ppm lead, 1,700 ppm zinc, and 5 ppm molybdenum; these values correspond to strong anomalies for copper, lead, and zinc and a moderate anomaly for molybdenum.

During the 1995 summer season field exploration was conducted in two phases. Phase I (June 15-28, 1995) consisted of gridded soil sampling, geological mapping, and prospecting conducted by a two-person crew working from a fly camp on the property. During phase II (September 2-October 1, 1995) further gridded soil sampling, geological mapping, prospecting, linecutting, and partial construction of two drill pads was completed by a six to ten person crew working from a tent frame camp on the property. Results from both phases of work are reported in Wengzynowski (1996).

During the phase I gridded soil sampling, three baselines were established at 090° azimuth. Baselines were cut and cleared of vegetation; slope corrected station locations were marked at 100 m intervals with 1 m lath bearing aluminum tags inscribed with grid coordinates and sample numbers. Soil lines were oriented perpendicular to the baselines. The phase I soil lines were flagged using hip chain and compass; sample locations were marked with 0.5 m lath in the same fashion as baseline stations.

During the phase II program, cut lines were completed for ground geophysical surveys. Soil samples were collected on the cut lines. Sample locations were marked in a manner similar to that done for phase I. Portions of the soil grid have samples collected during both the phase I and phase II programs. Where overlapping, the distance between the two sample locations from the same grid station were generally within less than 10 m of each other.

During the 1995 phase I and phase II programs 625 soil samples were collected at 100 m intervals on the flagged grid (Figure 5). All samples were analyzed by ICP for 32 elements at Chemex Labs Ltd. in North Vancouver. 582 soil samples were later analyzed for gold by fire assay preparation with atomic absorption finish. The surveys outlined weakly to strongly anomalous lead, zinc, silver, molybdenum, antimony, arsenic, manganese, and gold values in a northeast trending zone 600 m wide extending for a strike length of 1,500 m. The anomalous zone contains a 600



- Mineral claims margin
- 1995 soil lines
- 1995 ground geophysics south grid area
- 1995 ground geophysics north grid area
- 1996 ground geophysics grid

Figure 5
Archer, Cathro & Associates (1981) Limited

1995-1996 GRIDS
LEAGUE PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:25,000	FILE: LGGRIDS.DWG
DRAWN: LCP	PROJ: FPI DATE: 05/11/1996

m by 200 m core which constituted some of the highest lead, zinc, and silver values obtained by Archer Cathro in the entire Finlayson Lake area.

Prospecting in the area of the soil anomalies discovered mineralized float with minor fracture-controlled galena and fine grained, disseminated pyrite.

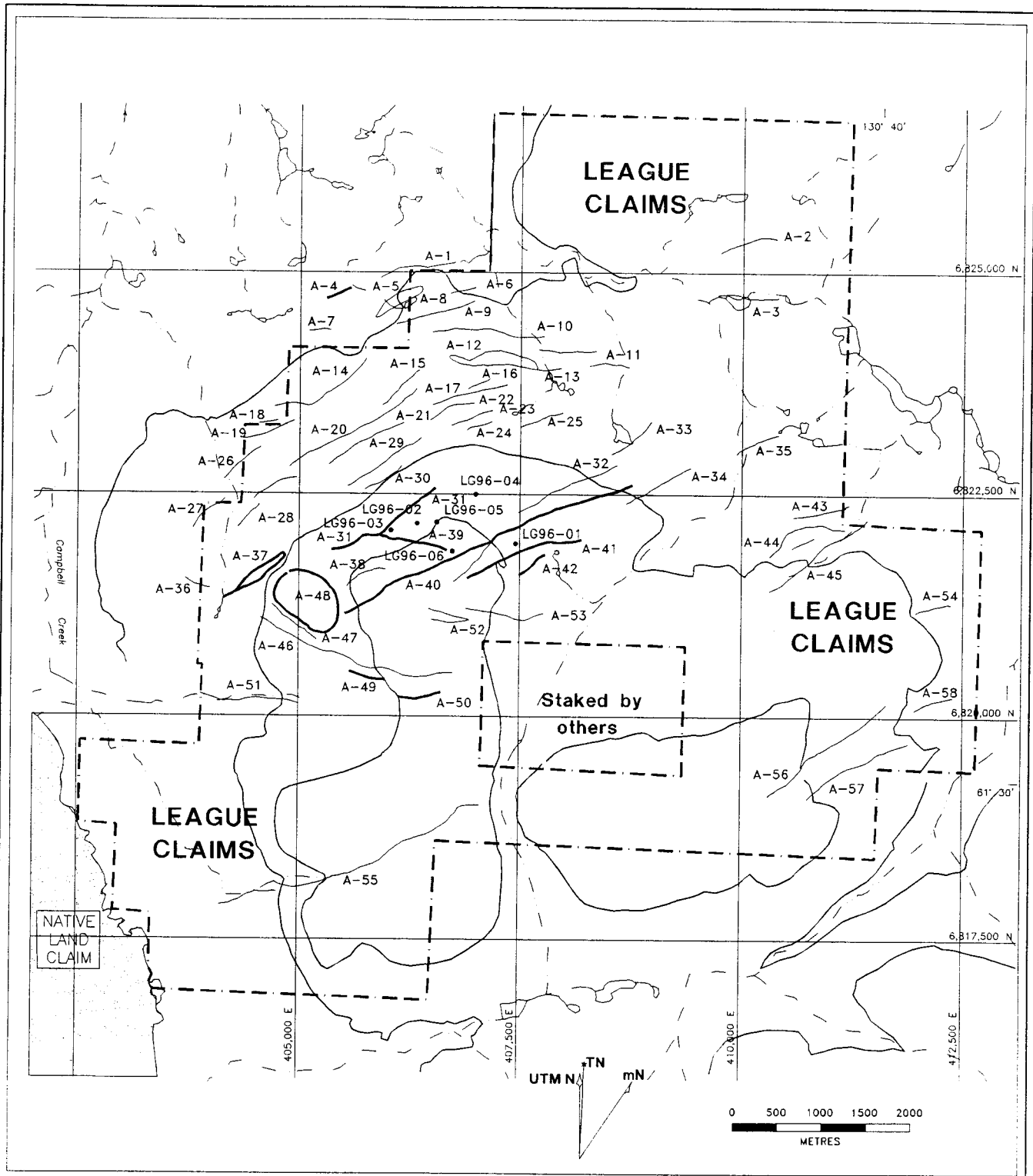
Ground geophysical surveys consisting of thirty-three line kilometres of HLEM (Maxmin) and ground magnetometer surveys were completed on the north grid part of the soil grid (Figure 5) during the time interval September 22-30, 1995. In addition two orientation lines were completed at forty-five degrees to the overall grid orientation. These two lines were completed to be more perpendicular to the overall structure. Results of these north grid surveys are included in the report by Wengzynowski (1996) and are discussed further in Power (1996).

Ground geophysical surveys consisting of HLEM Maxmin and ground magnetometer surveys were completed on the south grid (Figure 5) during the interval April 13-25, 1996. The ground geophysics corresponded very closely to the airborne geophysics conducted by Dighem. Operating conditions and results are discussed in Power (1996).

Helicopter airborne electromagnetic (HEM) and magnetic surveys were completed by Dighem IPOWER Ltd. for Cominco over the League property. The information from the surveys was subsequently transferred to Expatriate in 1996. This data was compiled and interpreted by Amerok Geosciences Ltd. (Power, 1996). Power identified fifty-eight separate HEM conductors from the airborne data (Figure 6). The conductors were prioritized according to strike length, type of response, and geology as understood at the time of the survey. The first ten conductors were selected as higher priority targets.

1996 FIELD PROGRAM

A helicopter airborne geophysical survey was completed over the League property by Aerodat Inc. during the time interval February 25-April 16, 1996. Principal geophysical sensors included a five frequency electromagnetic system and a high sensitivity cesium vapour magnetometer. Line spacing for the survey was 200 m; major lines were flown in a north-south direction and tie lines were flown in an east-west direction. A total of 1,529 line-km was flown over the property. Details of the operating conditions and resulting maps are contained in Woolham (1996). This airborne survey over League outlined 18 EM anomalies warranting further investigation.



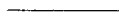
Native land claims



HEM conductor axis
high priority axis



Claim margin



HEM conductor axis
low priority axis



Drill hole collar

Figure 6
 Archer, Cathro & Associates (1981) Limited
HEM CONDUCTORS
(Dighem IPOWER)
LEAGUE PROPERTY
EXPATRIATE RESOURCES LTD.
 SCALE: 1:65,000 FILE: LGAIRGPH.DWG
 DRAWN: LCP PROJ:FP DATE: 31/10/1996

A further ground geophysical survey was completed by Amerok in the area of the north grid during the interval August 18-22, 1996 on a cut grid rotated 45° relative to the 1995 grid lines (Figure 5). The baseline of this new grid was slope corrected; cross lines were chained and not slope corrected. The grid rotation meant that geophysical lines were more orthogonal to regional geologic structures. The surveys consisted of 3 line-km of ground magnetometer and 10.2 line-km of HLEM. Results of the surveys are discussed in Lee and Power (in preparation).

During the 1996 field season, claim posts were tagged and large scale soil sampling completed along claim lines. Results of this work are discussed elsewhere (in preparation).

Between June 6-July 03, 1996, a Val D'or fly drill was mobilized onto the League property to test the zone of coincident soil anomalies outlined in 1995. At the same time limited geological mapping was completed to help delineate the drill targets. A total of 1153.36 m was drilled in six NQ diamond drill holes. All holes were inclined toward the northwest to be approximately orthogonal to the structural trend. Collar locations have been marked in the field with 4x4 posts labelled with inscribed metal tags. The drill sites were inspected to verify that all garbage was removed from the property. Drill core is being temporarily stored in the outdoor yard of E. Caron Diamond Drilling Ltd., Whitehorse, Yukon.

The drill hole data was entered into spreadsheets in the field and later transferred to a PC-XPLOR database for plotting vertical sections and plans. Drill logs for the 1996 holes are contained in Appendix II. Certificates of analysis for the split intervals are contained in Appendix III.

Fourteen core samples of representative rock types were forwarded to Vancouver Petrographics Ltd. for verification of mineral modes and structural features. The report from Vancouver Petrographics (Payne, 1996) is included as Appendix IV. Eleven core samples were sent to Chemex Labs Ltd. in North Vancouver for XRF whole rock analysis; certificates of analysis for these samples are also included in Appendix III.

Geological mapping in the vicinity of the drill collars was completed at a field scale of 1:2,000. Location control for mapping was accomplished using compass and hip chain from the 1995 geophysical cut line grid. Outcrop extents, locations of selected claim posts and soil sample pickets, and location of the 1996 drill hole collars were recorded as part of the mapping.

All the different 1996 information was digitized into Autocad r12 drawings. The topographic base for the Autocad drawing was digitally scanned from the 1:50,000 scale NTS map sheets 105G/8 Wolverine Lake and 105G/10 Big Campbell Creek.

1996 SURVEY CONTROL

The 1995 geophysical cut line grid was used as primary control for locating drill pads, soil samples, and outcrops. Claim posts were also located relative to the cut lines when encountered. Field locations of pertinent soil samples were verified before placing the drill pads to test the geochemical and geophysical targets.

Drill hole pads, drill hole collars, claim posts, and selected grid locations were also surveyed using hand-held GPS units. The GPS positions were differentially corrected using different base stations based on availability of base station data. The primary base station consisted of a recording station operated by Westmin Resources Limited at their exploration camp located on Wolverine Lake. Additional stations were utilized when the Wolverine Lake base station data were not available. All corrected positions should be accurate to within five metres horizontally. Locations are reported in UTM coordinates using NAD27 coordinates. Appendix V contains GPS information for the League claims from the 1996 field season. Airborne geophysical information is also reported relative to NAD27 UTM coordinates.

The cut line geophysical grid has been "floated" into the UTM coordinate system by inserting an Autocad r12 drawing using the geophysics cut grid coordinates into the topography Autocad r12 drawing with UTM coordinates. The geophysics grid drawing was scaled, translated, and rotated in the topography drawing using the cut line locations and GPS locations of the six drill hole collars for control.

PROPERTY GEOPHYSICS

The airborne and ground geophysical surveys have outlined numerous conductors on the League property (Power, 1996; Woolham, 1996). Most of these conductor axes have a northeast-southwest trend. Both of the above studies confirm that League is underlain by very conductive, gently dipping lithologic units, most probably carbonaceous. Power (1996) notes that the League property contains two geophysical domains, a north domain consisting of units with low apparent resistivity and low magnetic relief and a south domain containing units with higher apparent resistivity and higher magnetic relief.

Regional geologic mapping has confirmed that one of the large airborne HEM conductors, A-55, coincides precisely with an important regional fault (Tempelman-Kluit, personal communication, 1996). In general exposure is not good enough to constrain the geology contacts for comparison to the geophysical surveys.

PROPERTY GEOLOGY

Exposures are limited on the League property. Much of the mapping is based on scree and talus. Lower elevations have extensive glacial overburden with no outcrop. Surface geology has been supplemented by the drill holes and the geophysical surveys.

The area mapped on the League property can be crudely divided into three geological domains from south to north (Figure 7). The different domains have been interpreted as separated by faults on the basis of different foliation orientations and geological contacts which are not strictly foliaform in nature.

The southern domain consists of olive green, massive, pervasively foliated chloritic phyllites; the dominant foliation (S2) dips moderately to gently to the north. Portions of the chloritic phyllites are strongly carbonate altered with development of tan calcite replacing feldspar phenocrysts and occurring within the chloritic groundmass. This unit and domain corresponds with the south geophysical domain as discussed in Power (1996). These phyllites are interpreted to be juxtaposed against the central domain along a northwest trending fault of unknown displacement. This fault zone corresponds with airborne geophysical anomalies A36, A46, A47, A49, and A50 (Figure 6).

Regional mapping by Tempelman-Kluit (personal communication, 1996) indicates that to the south the chloritic phyllites are underlain by first a laminated marble unit and then a massive, poorly foliated, muscovite-biotite granite intrusion. The granite forms the structural floor of this south domain. The marble and greenstones correlate lithologically with the calcareous sequence and greenstones described for the top of the lower unit in the Yukon-Tanana terrane (see the regional geology section). The granite is considered to be Cretaceous in age.

The central domain crudely occurs between airborne geophysical conductor axes A40 and A46. Outcrop in this area is extremely poor. All units contain a well developed crenulation cleavage foliation (S2) which dips moderately to the south. Rock scree and float consists dominantly of carbonaceous phyllites and siltstones with lesser interbeds of felsic volcanics, chloritic phyllites, argillaceous limestones, and pale cream quartzites. The sequence of units is most similar to the middle unit of the the Yukon-Tanana terrane.

One poorly foliated feldspar-quartz porphyry plug was encountered in the central domain immediately south of the area of drilling (centred at geophysical cut grid 88+00E, 9+600N). Exposures consist entirely of float and subcrop. The intrusion

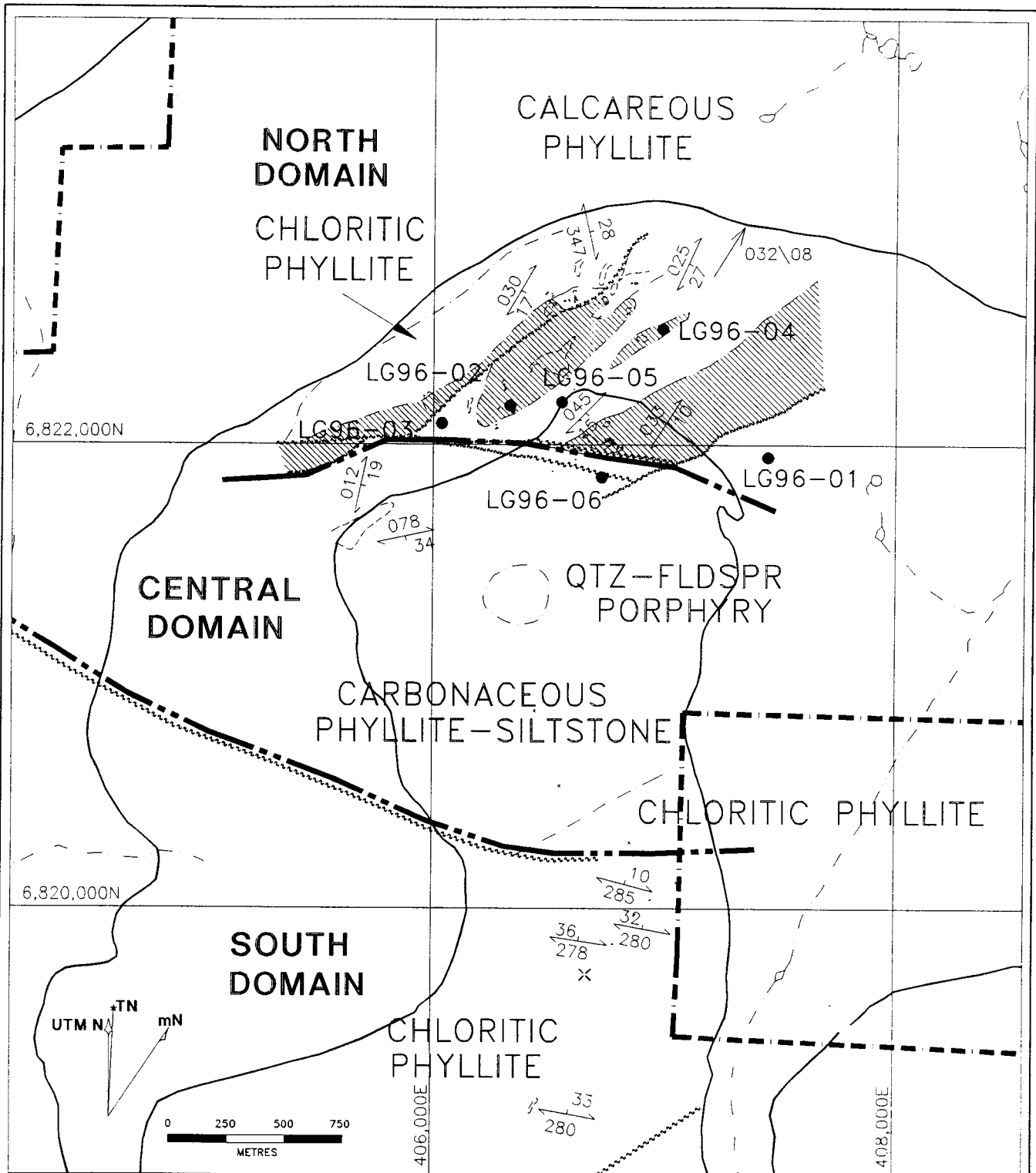


Figure 7

Archer, Cathro & Associates (1981) Limited

PROPERTY GEOLOGY
GEOLOGICAL DOMAINS
LEAGUE PROPERTY
EXPATRIATE RESOURCES LTD.

SCALE: 1:25,000 FILE: LGGEOLOG.DWG

DRAWN: LCP PROJ: FP DATE: 05/11/1996

- Mineral claim margin
- Geological domain boundary
- Outcrop
- Drill hole collar
- Fault
- Geological contact
- S2 foliation - strike and dip
- Massive rhyolite

is roughly circular in plan. Feldspar and quartz phenocrysts up to 2 cm across occur in a light grey to off white fine grained groundmass.

The north domain contains the 1996 drill holes. The domain consists dominantly of olive green chloritic phyllites with interbedded felsic volcanics, chloritic feldspar porphyry, and mafic to felsic volcanoclastics. The lowermost portions of the deeper drill holes pass from this volcanic package into moderately carbonaceous, thinly bedded, calcareous phyllites. This entire sequence of felsic volcanics, mafic volcanics, and calcareous phyllites correlates most closely with the uppermost part of the lower unit in the Yukon-Tanana terrane. In terms of North American stratigraphy it is most correlative with Kechika Group. The greenstone in the north domain is considered equivalent to the greenstone in the south domain.

The 1995 soil grid is underlain mainly by the central and north geological domains. The north domain contains most of the soil geochemical anomalies. Comparison of the soil anomaly locations with the detailed geology confirms that the soil anomalies are associated with felsic volcanic units.

1996 DRILL PROGRAM

Drill holes were collared to drill northwest underneath soil geochemical anomalies and geophysical conductors. The holes were collared to test for stratiform mineralization assuming a southeast dip of 20°. Six holes were completed for a total depth of 1153.36 m. All collar locations have been marked in the field with 4x4 posts labelled with inscribed metal tags. Table 2 contains the collar locations for the drill holes.

Table 2. 1996 Drill Hole Locations

DDH	Easting (UTM)	Northing (UTM)	Elevation (MSL)	Length (m)
LG96-01	407,449	6,821,947	1,492 m	222.50
LG96-02	406,330	6,822,169	1,500 m	229.51
LG96-03	406,035	6,822,091	1,478 m	122.22
LG96-04	406,993	6,822,499	1,486 m	192.02
LG96-05	406,553	6,822,184	1,525 m	204.22
LG96-06	406,730	6,821,859	1,547 m	182.88

Orientation of each hole at the collar was checked using a Brunton compass. Where possible inclination at the bottom of the hole was verified using an acid test. Acid tests were corrected for the meniscus effect using printed correction tables. The holes generally steepened with depth.

Holes were logged at the Finlayson Lake base camp for lithology, structure, RQD, and % recovery. Intervals selected for analysis were split, and the samples sent to Chemex Labs Ltd. in North Vancouver. Samples at Chemex were crushed and then pulverized to better than 90% 100 micron (-150 Mesh) using a Chrome Steel Ring Mill. Most samples were dissolved in a nitric acid-aqua regia solution and analyzed for 32 elements using ICP-AES techniques. The elements Al, Ba, Be, Ca, Cr, Ga, La, Mg, K, Sc, Na, Sr, Ti, Tl, and W may only be partially leached using this digestion. These elements do not include the base metals which were the exploration target for this drilling program. Selected samples were assayed for Cu, Pb, Zn, Ag, and Au. Gold assays were completed using fire assay techniques with an atomic absorption finish.

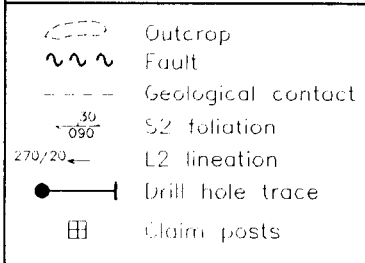
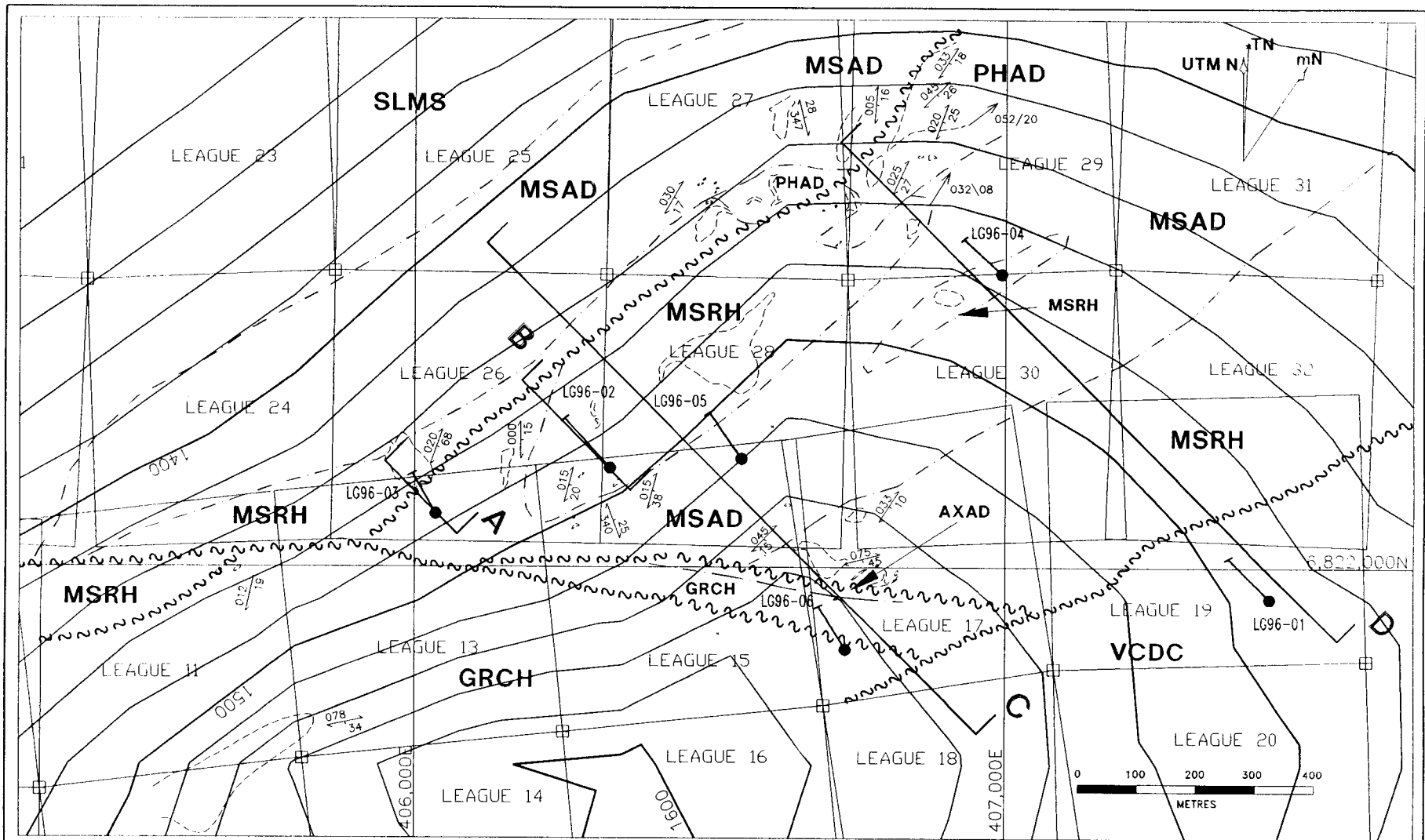
The information from the field logs was entered into a spreadsheet (Lotus v5). The data were later transferred to a PC-XPLOR database for plotting vertical sections and plan views.

DETAILED GEOLOGY

INTRODUCTION

Because outcrop exposure is limited, the drill holes provide important constraints on the lithologies and structures occurring on the property. The following discussion of rock types on the property relies heavily on the field drill logs, the petrographic report by Vancouver Petrographics (Payne, 1996), and the whole rock analyses completed on selected drill intervals.

Figure 8 displays the detailed geology in the immediate vicinity of the 1996 drill holes. In Figure 9, the detailed geology is shown in conjunction with the moderate to strong lead soil anomalies. Lead was chosen to indicate the area of anomalous soils because it typically does not travel far from the source of the anomaly. Table 3 contains whole rock analyses for mafic volcanic rocks, and Table 4 lists whole rock analyses for felsic volcanic rocks; classification of the drill intervals as felsic or mafic was based on the field drill logs. CIPW norms were calculated from normalized anhydrous whole rock analyses using the computer program NEWPET (Clarke, 1991). Iron in the CIPW norm was proportioned between FeO and Fe₂O₃ using the approach of Irvine and Baragar (1971).



ROCK UNITS	
GRCH	Carbonaceous siltstone, chert, phyllite
VCDC	Volcaniclastic dacite
MSRH	Rhyolite (includes AXAD and AXRH)
AXRH	Muscovite altered rhyolite
MSAD	Chloritic phyllite
AXAD	Muscovite altered chloritic phyllite
PHAD	Chloritic phyllite with feldspar phenocrysts
SLMS	Thinly bedded, calcareous phyllite

Figure 8
 Archer, Cathro & Associates (1981) Limited

DETAILED GEOLOGY

LEAGUE PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:10,000 | FILE: LGGEOLDT.DWG
 DRAWN: LCP | PROJ: FP | DATE: 06/11/1996

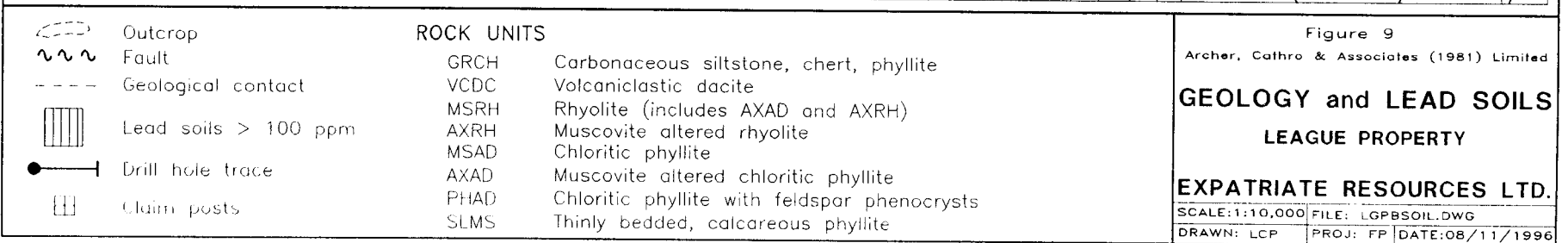
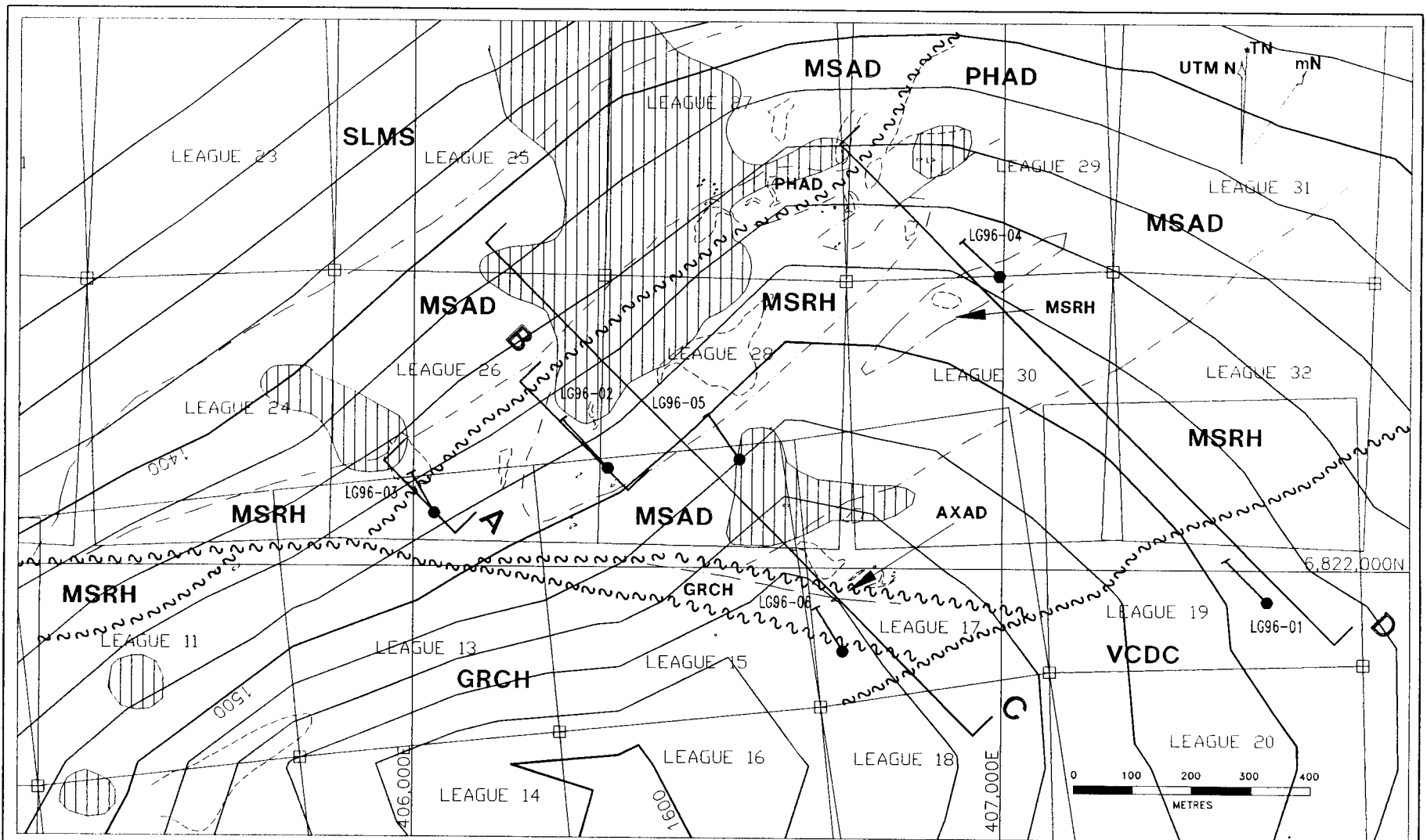


Table 3. XRF whole rock analyses for mafic volcanics- League property

XRF Whole Rock Analyses						
Drill Hole	LG96-02	LG96-02	LG96-05	LG96-02	LG96-05	LG96-02
Depth (m)	64.62-66.29	227.42-229.51	141.77-162.35	43.18-56.08	95.40-101.35	127.10-129.84
Interval (m)	1.67	2.09	20.58	12.9	5.95	2.74
Sample No.	N110285	N110286	C20006	C20004	C20009	C20005
Unit	MSAD	MSAD	MSAD	AXAD	AXAD	PHAD
SiO ₂ %	49.65	48.42	67.60	71.94	71.28	64.33
TiO ₂ %	1.02	2.29	0.29	0.42	0.33	0.58
Al ₂ O ₃ %	14.88	13.59	13.92	12.58	13.75	13.94
*Fe ₂ O ₃ %	9.96	12.37	3.97	2.95	2.00	3.25
MnO %	0.13	0.19	0.09	0.03	0.04	0.05
Cr ₂ O ₃ %	0.01	0.00	0.00	0.00	0.00	0.00
MgO %	0.13	5.61	1.26	0.57	0.58	0.62
CaO %	8.22	5.58	3.09	1.22	2.16	3.89
Na ₂ O %	2.86	4.24	0.00	0.00	0.00	0.01
K ₂ O %	0.82	0.33	4.60	5.13	5.08	6.93
P ₂ O ₅ %	0.08	0.51	0.04	0.10	0.09	0.19
LOI %	3.86	6.73	5.05	3.42	4.04	5.56
Total %	99.61	99.86	99.91	98.36	99.35	99.35
Ba ppm	360	1470	1670	770	615	1390
Rb ppm	18	8	156	142	174	174
Sr ppm	90	222	44	38	60	80
Nb ppm	4	24	18	18	22	34
Zr ppm	51	222	249	240	279	645
Y ppm	12	40	40	42	46	52

*Fe₂O₃ - total iron as Fe₂O₃

CIPW Norms**						
Sample Mineral	N110285 Wt %	N110286 Wt %	C20006 Wt %	C20004 Wt %	C20009 Wt %	C20005 Wt %
Quartz			41.27	50.07	47.74	29.21
Corundum			3.47	5.26	4.71	
Zircon	0.01	0.05	0.05	0.05	0.06	0.14
Orthoclase	5.12	2.12	28.83	32.08	31.63	43.88
Albite	25.51	38.99				0.09
Anorthite	26.74	18.64	16.44	5.93	10.84	18.81
Diopside	12.91	6.90				0.80
Hypersthene	19.98	21.74	8.89	5.20	3.98	5.20
Olivine	6.02	3.82				
Magnetite	1.53	1.95	0.61	0.45	0.31	0.50
Chromite	0.02					
Ilmenite	2.04	4.73	0.58	0.84	0.66	1.18
Apatite	0.20	1.33	0.10	0.26	0.23	0.49
Total	100.08	100.27	100.26	100.15	100.14	100.30

** CIPW norms calculated from whole rock analyses (anhydrous basis) using computer program NEWPET (Clarke, 1991). Iron distributed between Fe₂O₃ and FeO following Irvine and Baragar (1971).

Table 4. XRF whole rock analyses for felsic volcanics - League property

XRF Whole Rock Analyses					
Drill Hole	LG96-02	LG96-02	LG96-05	LG96-05	LG96-02
Depth (m)	18.44-28.90	33.25-40.10	68.70-74.20	90.20-95.40	40.10-43.18
Interval (m)	10.46	6.85	5.5	5.2	3.08
Sample No.	C20001	C20002	C20007	C20008	C20003
Unit	MSRH	MSRH	MSRH	MSRH	AXRH
SiO ₂ %	70.60	74.70	76.04	69.50	71.50
TiO ₂ %	0.22	0.25	0.25	0.29	0.30
Al ₂ O ₃ %	9.76	10.74	10.82	11.81	14.19
*Fe ₂ O ₃ %	1.41	2.16	1.59	4.34	2.18
MnO %	0.06	0.01	0.00	0.01	0.01
Cr ₂ O ₃ %	0.00	0.00	0.00	0.00	0.00
MgO %	0.04	0.00	0.01	0.07	0.41
CaO %	4.96	0.49	0.62	0.58	0.20
Na ₂ O %	0.36	0.14	0.15	0.28	0.10
K ₂ O %	7.13	8.17	8.08	7.55	7.66
P ₂ O ₅ %	0.06	0.09	0.06	0.08	0.10
LOI %	4.89	2.04	1.68	3.78	2.63
Total %	99.49	98.79	99.30	98.29	99.28
Ba ppm	1320	1800	2165	1810	1250
Rb ppm	146	148	142	142	164
Sr ppm	146	32	38	28	18
Nb ppm	14	16	16	18	22
Zr ppm	201	219	210	228	270
Y ppm	42	38	32	38	48

*Fe₂O₃ - total iron as Fe₂O₃

CIPW Norms**					
Sample Mineral	C20001 Wt %	C20002 Wt %	C20007 Wt %	C20008 Wt %	C20003 Wt %
Quartz	36.17	41.85	43.08	37.27	40.95
Corundum		0.87	0.69	2.30	5.71
Zircon	0.04	0.05	0.04	0.05	0.06
Orthoclase	44.67	50.07	49.05	47.47	47.00
Albite	3.22	1.23	1.30	2.52	0.88
Anorthite	4.18	2.40	3.36	3.02	0.66
Diopside	3.68				
Wollastonite	7.44				
Hypersthene		2.73	1.89	6.17	3.74
Magnetite	0.22	0.32	0.24	0.67	0.33
Ilmenite	0.44	0.49	0.49	0.59	0.59
Apatite	0.15	0.25	0.16	0.22	0.29
Total	100.22	100.26	100.30	100.27	100.21

** CIPW norms calculated from whole rock analyses (anhydrous basis) using computer program NEWPET (Clarke, 1991). Iron distributed between Fe₂O₃ and FeO following Irvine and Baragar (1971).

STRATIGRAPHY

The drill holes encountered several different units. The following descriptions generalize the major units intersected.

MSAD (mafic volcanic)

Medium green, pervasively foliated, fine grained volcanics were logged in the field as andesites. Commonly they are calcareous with white to tan calcite both disseminated in the matrix and forming replacements for former feldspar phenocrysts. In the area of the strongest geochemical anomalies, MSAD is massive and does not display bedding features. Marginal contacts with the enclosing phyllites are generally sharp. Because of the presence of large volumes of volcaniclastics on the property (see below), it is assumed that the MSAD represents flows rather than dykes or sills.

Detailed petrography indicates MSAD contains small plagioclase phenocrysts in a well foliated matrix of actinolite, epidote, plagioclase, and chlorite, with minor lenses of leucoxene and pyrite. Primary minerals have all been metamorphosed to an assemblage indicative of lower greenschist facies. Calcite locally forms replacement patches of other minerals.

Whole rock analyses of samples N110285 and N110286 (see Table 3) are consistent with MSAD actually being subalkaline basalt rather than andesite (Irvine and Baragar, 1971). Textures from some of the petrographic samples suggest the presence of tuffs locally. Sample C20006 has a distinctly more felsic composition than the other two samples; the field log description for this unit does mention the presence of muscovite alteration locally.

Muscovite and carbonate altered variants of this unit have been logged as AXAD. The unit AXAD will be further discussed below (see section ALTERATION).

PHAD (mafic volcanic)

Locally the MSAD unit is porphyritic with 1-2cm white feldspar phenocrysts forming up to 25 percent of the unit. Typically the feldspar phenocrysts are strongly aligned within the foliation forming a well developed lineation. In outcrop it is often difficult to readily differentiate PHAD from MSAD. The porphyritic PHAD units are not extensive and cannot readily be correlated between drill holes or between drill holes and surface outcrops. The only exposure mapped at surface occurs in the northeast corner of the map area (Figures 8, 9).

The one sample of PHAD submitted for petrography is described as a dacite crystal-lithic tuff (Payne, 1996). The single analysis of PHAD in Table 3 also has an

intermediate to more felsic composition. Some of these units are most probably tuffs rather than porphyritic flows.

VCAD (mafic volcanoclastic?)

Unit VCAD consists of phenocrysts of quartz and/or K-feldspar up to 1 mm long occurring in a compositionally banded, fine grained matrix containing quartz-muscovite+K-feldspar+calcite. Field drill logs were uncertain as to whether this unit was a porphyritic flow or a crystal tuff. Payne (1996) identified two samples as metamorphosed, locally porphyritic rhyolites. No exposures of this unit were identified at surface; it would be difficult to differentiate from Unit PHAD.

VCDC (intermediate volcanoclastic)

Unit VCDC consists of massive or indistinctly bedded dacitic crystal tuff. It is grey to dark grey with a granular texture caused by abundant plagioclase crystals 1-3 mm long. Locally quartz also occurs as disseminated dark grey crystals. Minor dacite fragments may be present. Dark grey to black shale clasts up to 1 cm across are sparsely distributed throughout and may constitute up to 10% of the rock. The groundmass consists of plagioclase and quartz with lesser muscovite and calcite. No exposures of this unit were seen at surface.

MSRH (felsic volcanic)

In outcrop the unit MSRH consists of hard, aphanitic, dark to medium grey, noncalcareous rhyolite. Locally it contains numerous small black amygdules. Bedding is not readily visible. Multiple generation, randomly oriented quartz veins are common because of its more competent, less ductile behaviour during deformation. In one instance extensive fractures within the rhyolite are also infilled with fine pyrite and locally fine galena. Manganese oxide dendrites are locally common along fracture surfaces. Surface mapping and drill intersections indicate that the rhyolite is totally enclosed within the basalts. During the 1995 program, this unit was mapped as a metaquartzite.

Minor phenocrysts of plagioclase and K-feldspar and spheroidal patches of quartz are contained in a matrix dominated by K-feldspar intergrown with quartz (Payne, 1996). Plagioclase phenocrysts are replaced by K-feldspar and quartz. Muscovite occurs as scattered grains defining the dominant foliation.

Table 4 contains whole rock compositions and CIPW norms of some rhyolite samples. The analyses and CIPW norms show a range of silica content but are contained within the field for rhyolite.

Muscovite altered variants of this unit have been logged as AXRH. Unit AXRH will be discussed further below (see section ALTERATION).

SLMS

Rock type SLMS consists of thinly bedded, medium to dark grey, calcareous phyllite. Very dark grey variants of this unit have been logged in drill core as GRMS (graphitic mudstone). Bedding is defined by the regular alternation of off-white to pale grey calcareous, quartzose siltstone with medium to dark grey, carbonaceous phyllite on a scale of 1-10 cm. Phyllite interbeds contain muscovite and chlorite but no biotite. Typically the unit contains abundant round to sausage shaped limestone nodules or concretions; rarely it contains black chert nodules. Fossils were not noted. Large pyrite grains are disseminated sparsely in this unit.

The unit is interbedded with MSAD, PHAD, MSRH, VCAD, and VCDC units. It forms thicker intersections in the lowermost parts of several of the drill holes. No exposures of this unit were seen at surface. Its location to the north on Figures 8 and 9 is based on interpretation of geophysical surveys and drill hole intersections.

Structurally the unit has a distinctive crenulation cleavage fabric in drill core. The dominant foliation is defined by pressure solution stripes consisting of micas and carbonaceous material. Bedding within the striping defines small microlithons outlining the folding with the carbonaceous opaque stripes being subparallel to axial planes of the microlithons.

GRCH (MSCH)

GRCH consists of dark grey to black, very hard, noncalcareous chert and/or siltstone. Carbonaceous opaques occur as pressure solution stripes within a massive hard matrix. The unit locally contains 1-10 mm thick white quartz veins. Medium grey variants are locally logged as MSCH.

This unit was intersected only in the upper portion of hole LG96-06. It occurs in the central geological domain. It is considered to be younger in age than the unit SLMS which occurs in the north geological domain.

ALTERATION

MSAD AND MSRH units in the area of the strong soil geochemical anomalies have extensive development of muscovite alteration. Field logging terms for these altered units are AXAD (altered basalt) and AXRH (altered rhyolite). Muscovite growth is characterized by modification of the colour of the core to a light apple green. With strong muscovite alteration, the chloritic phyllites have become muscovite-quartz

phyllites. Mariposite occurs within the altered basalts as scattered bright green grains visible primarily on the dominant foliation surface. Muscovite alteration of the basalts is largely restricted to those units proximal to the MSRH rhyolite units. Locally quartz "eyes" occur within the muscovite-rich matrix.

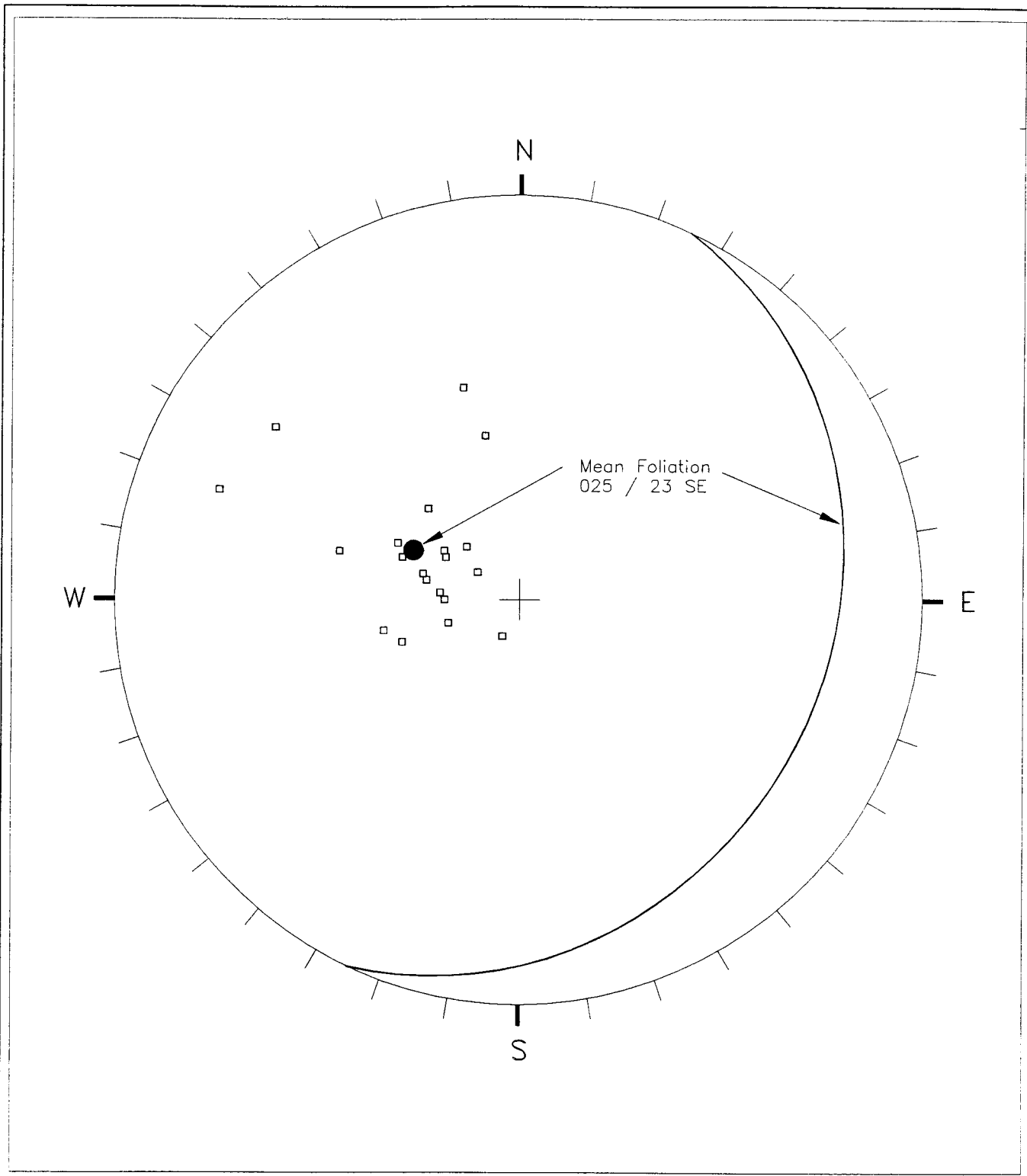
Pyrite is generally present within the muscovite altered rhyolites and basalts as disseminated grains within sparse discrete bands and lenses of white vein quartz up to 5 cm thick. Typically the quartz veins are less than 2 cm in thickness. Total amount of pyrite was generally less than 5% (by volume). Locally these sulphide-quartz bands also contain visible galena and sphalerite. Chalcopyrite was not readily noted during the logging. Magnetite was not noted in the drill holes.

During the 1996 surface geologic mapping the muscovite-rich phyllites were interpreted as part of the rhyolite unit. With detailed description of the drill core, it was realized that at least some of the micaceous muscovite-quartz phyllites actually represented altered basalts. The surface mapping therefore slightly exaggerates the amount of rhyolite within the stratigraphic sequence. When interpreting the cross sections containing the drill holes, geological contacts have been placed to be consistent with the field definition of the MSRH unit (i.e. AXAD has often been included as part of the MSRH unit).

Payne (1996) describes the AXAD samples as metamorphosed felsic tuffs or felsic volcanics. Petrography consists of K-feldspar crystals in a foliated groundmass consisting of muscovite (sericite) with lesser feldspar, leucoxene, and quartz. Whole rock analyses of AXAD have compositions consistent with rhyolites (Table 3). The one sample of AXRH described in Payne (1996) contains lensoid latite fragments enclosed within a fine grained matrix consisting of quartz with minor sericite and pyrite. K-feldspar is present in both the latite and the matrix in minor amounts. The whole rock composition of AXRH is suitable for a rhyolite. A slightly higher iron composition possibly reflects the common occurrence of minor disseminated pyrite.

Petrographic descriptions and whole rock analyses present a dilemma when contrasted with the field logging interpretation of extensive alteration of basalt to form muscovite-quartz phyllites. Whole rock analyses of the units logged as AXAD are fully consistent with the whole rock analyses for MSRH rhyolites. Formation of the AXAD unit from MSAD would require extensive metasomatism of many elements in and out of the unit, including potassium, silica, and iron. In contrast, interpretation of these AXAD units as felsic to intermediate volcanics, tuffs, and volcanoclastics would not require extensive metasomatism and alteration. This interpretation, however, would not readily explain the mariposite(?) noted in some of these units. With the present information, this dichotomy cannot be fully resolved.

Close comparison of detailed surface geology with the lead soil anomalies (Figure 9)



**EQUAL AREA – LOWER HEMISPHERE
STEREONET PLOT**

- Pole to S2 foliation
20 poles plotted
- Mean pole to S2

Figure 10
Archer, Cathro & Associates (1981) Limited

**S2 FOLIATION STERONET
LEAGUE PROPERTY**

EXPATRIATE RESOURCES LTD.

SCALE: 1 : NA	FILE: LGSTRUCT.DWG
DRAWN: LCP	PROJ: FP DATE: 04/11/1996

anomalies and geophysical conductors for a strike length of 950 m. Three of the six drill holes successfully drilled through the rhyolite sequence containing the large soil geochemical anomalies. Table 5 lists the best intersections for the 1996 drilling program.

Hole LG96-03 was collared to test the western limit of surface exposures of the rhyolite and associated soil anomaly. Due to a fault complication, the hole did not encounter the rhyolite. Figure 11 shows the interpreted vertical section for the drill hole. The hole was stopped short of the initial target depth. Some muscovite-quartz phyllites were intersected; these intervals were sampled. One 3.08 m interval (see Table 5) contains pyrite and trace sphalerite in unit MSAD. Drill rods were sanded in near the top of the hole and had to be abandoned. Airborne geophysical HEM conductor axis A31 (Figure 6) is correlated with the fault zone intersected near the top of the hole.

Hole LG96-02 intersected two rhyolite sequences, one at the top of the hole and one in the lower portion of the hole (Figure 12). Muscovite-quartz phyllites were intersected beneath each of the felsite units. Table 5 contains three composite intersections from this hole. The first interval (36.60-37.89) contains visible galena and pyrite infilling fractures in the upper MSRH unit. The second interval (43.18-51.21m) corresponds to a muscovite-quartz phyllite containing stringer sulphides with visible sphalerite, galena, and pyrite. The third interval (185.32-186.80) is a muscovite-quartz phyllite located beneath the lower MSRH unit. Rods were stuck in the bottom of the hole and had to be abandoned.

Hole LG96-05 was collared to test the full rhyolite sequence in the area of strong soil geochemical anomalies. This hole was collared in an AXAD which probably correlates with the MSRH unit at the collar of drill hole LG96-04. The hole intersected one rhyolite sequence (Figure 13, 15). Muscovite-quartz phyllites occur throughout the length of the hole. Sampled intervals are typically slightly anomalous in lead and zinc; one sample interval in unit MSRH (92.81-95.40m) contained elevated values for lead and zinc. Visually this interval contained minor pyrite stringers. The hole ends in unmineralized graphitic phyllites. The hole successfully tested the intended target.

Hole LG96-06 was collared further to the southeast on the same section as Hole LG96-05. The hole target was the southern rhyolite unit with associated soil geochemical anomalies. The hole intersected a large fault zone at the top of the hole (Figures 14, 15). This fault zone correlates with geophysical HEM conductor axis A-39. No felsic volcanics were intersected. The majority of the hole consisted of graphitic phyllites with interbedded grey cherts. Because of the fault complication the hole did not test the target rhyolite. No significant mineralization was intersected in the drill hole.

Table 5. Best mineralized intersections - 1996 League Drilling Program.

Drill Hole	From (m)	To (m)	Interval (m)	Unit	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
LG96-02	36.60	37.89	1.29	MSRH	0.01 %	0.87 %	0.01 %	19.2	60
	43.18	51.21	8.03	AXAD	<0.01 %	0.07 %	0.18 %	3.3	263
	185.32	186.80	1.48	AXAD	0.01 %	0.07 %	0.42 %	1.0	15
LG96-03	97.79	100.87	3.08	MSAD	0.01 %	0.03 %	0.56 %	2.4	
LG96-04	26.60	30.18	3.58	AXRH	6	122	4030	0.5	
LG96-05	92.81	95.40	2.59	MSRH	17	232	5430	6.8	

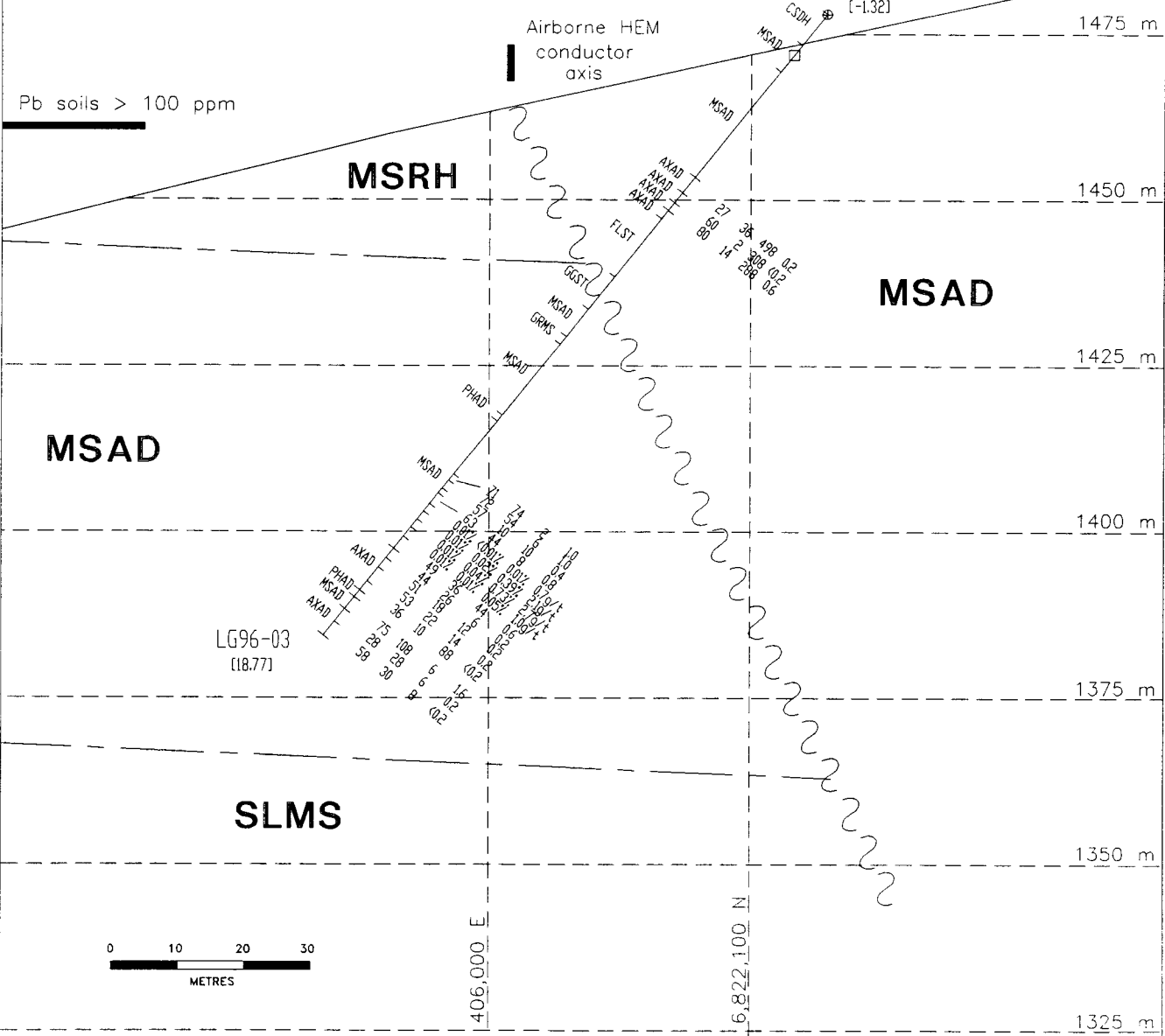
Composites calculated using length weighting of sample intervals.

NW

SE

ROCK UNITS

- CSDH Casing
- OBDH Overburden
- NLDH No log
- MSRH Rhyolite
- AXRH Muscovite altered rhyolite
- MSAD Chloritic phyllite (basalt)
- AXAD Muscovite altered basalt
- PHAD Chloritic phyllite with feldspar phenocrysts
- VCDC Dacitic volcaniclastic
- VCAD Basaltic volcaniclastic
- VCMS Volcaniclastics with graphitic phyllite interbeds
- GRCH Graphitic chert
- MSCH Massive chert
- GRMS Graphitic phyllite
- SLMS Calcareous phyllite with siltstone interbeds
- SHST Sheared fault rock
- FLST Fault
- GGST Fault gouge



Drill Hole Trace

[4.37] projection distance

Rock Type

Analyses

ICP

Cu ppm Pb ppm Zn ppm Ag ppm

ASSAY

Cu % Pb % Zn % Ag g, t

RD96-01 Drill Hole Name

[0.41] projection distance

~~~~~ Fault

----- Geological contact

Figure 11

Archer, Cathro & Associates (1981) Limited

**SECTION A**

**LEAGUE PROPERTY**

**EXPATRIATE RESOURCES LTD.**

SCALE: 1:1,000 FILE: XSA.DWG

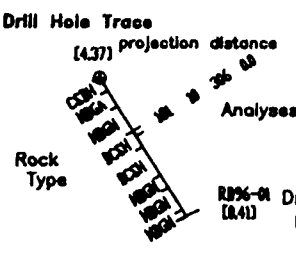
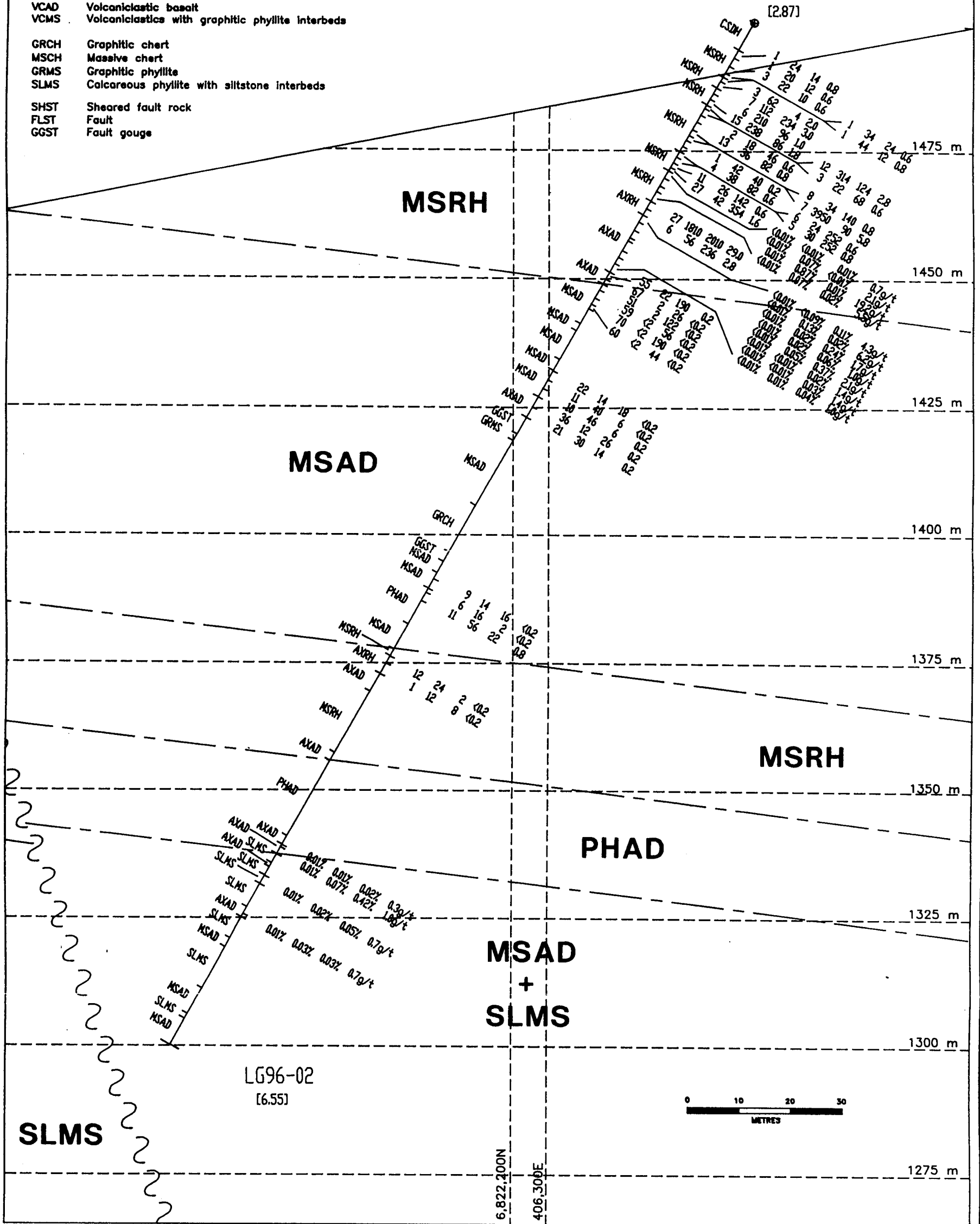
DRAWN: LCP PROJ: FP DATE: 08/11/1996

NW

SE

ROCK UNITS

- CSDH Casing
- OBDH Overburden
- NLDH No log
- MSRH Rhyolite
- AXRH Muscovite altered rhyolite
- MSAD Chloritic phyllite (basalt)
- AXAD Muscovite altered basalt
- PHAD Chloritic phyllite with feldspar phenocrysts
- VCDC Volcaniclastic dacite
- VCAD Volcaniclastic basalt
- VCMS Volcaniclastics with graphitic phyllite interbeds
- GRCH Graphitic chert
- MSCH Massive chert
- GRMS Graphitic phyllite
- SLMS Calcareous phyllite with siltstone interbeds
- SHST Sheared fault rock
- FLST Fault
- GGST Fault gouge



| ICP    |        |        |        |
|--------|--------|--------|--------|
| Cu ppm | Pb ppm | Zn ppm | Ag ppm |
| ASSAY  |        |        |        |
| Cu %   | Pb %   | Zn %   | Ag g/t |

- ~~~~~ Fault
- Geological contact

Figure 12  
Archer, Cathro & Associates (1981) Limited

**SECTION B**  
**LEAGUE PROPERTY**

**EXPATRIATE RESOURCES LTD.**

|              |                           |
|--------------|---------------------------|
| SCALE: 1:800 | DWG: XSB.DWG              |
| DRAWN: LCP   | PROJ: FP DATE: 10/11/1988 |

NW

SE

ROCK UNITS

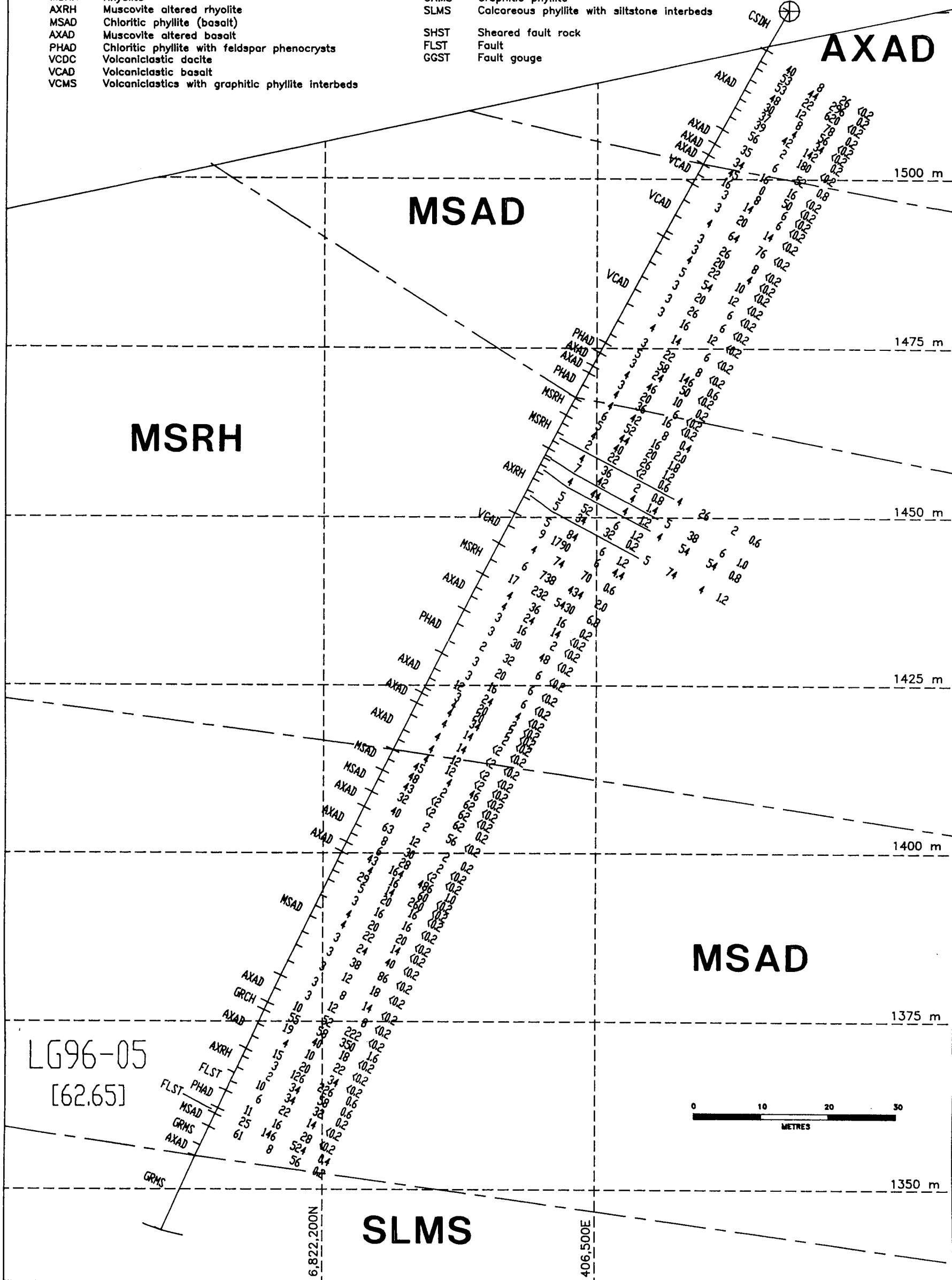
CSDH Casing  
OBDH Overburden  
NLDH No log

MSRH Rhyolite  
AXRH Muscovite altered rhyolite  
MSAD Chloritic phyllite (basalt)  
AXAD Muscovite altered basalt  
PHAD Chloritic phyllite with feldspar phenocrysts  
VCDC Volcaniclastic dacite  
VCAD Volcaniclastic basalt  
VCMS Volcaniclastics with graphitic phyllite interbeds

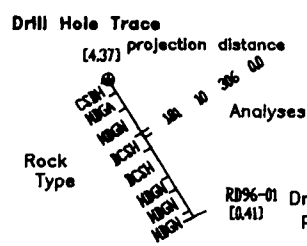
GRCH Graphitic chert  
MSCH Massive chert  
GRMS Graphitic phyllite  
SLMS Calcareous phyllite with siltstone interbeds  
SHST Sheared fault rock  
FLST Fault  
GGST Fault gouge

[46.51]

AXAD



LG96-05  
[62.65]



ICP  
Cu ppm Pb ppm Zn ppm Ag ppm  
ASSAY  
Cu % Pb % Zn % Ag g/t

~ Fault  
--- Geological contact

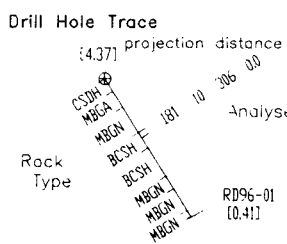
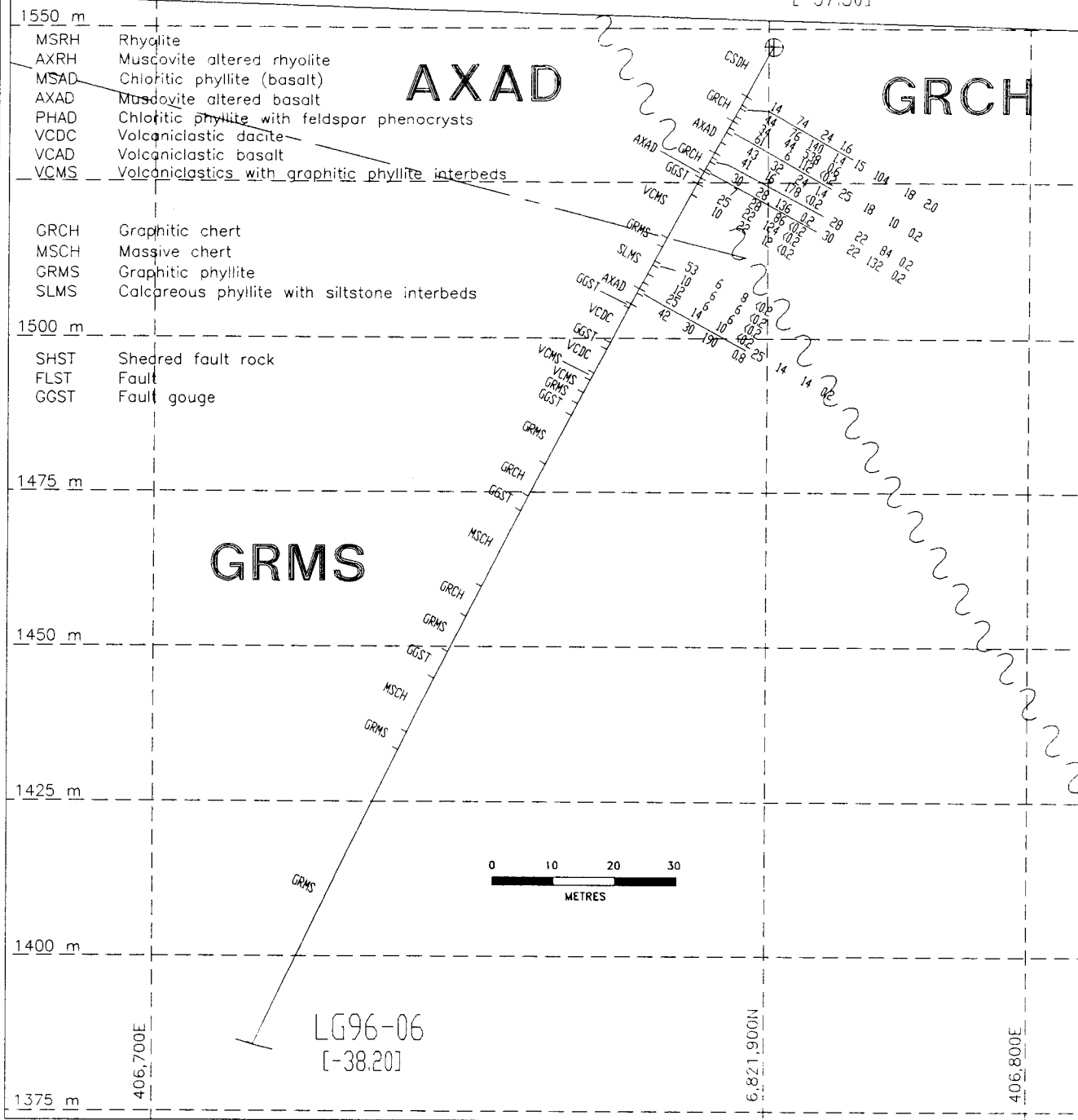
Figure 13  
Araher, Cathro & Associates (1981) Limited  
**SECTION C (NORTHWEST)**  
**LEAGUE PROPERTY**  
**EXPATRIATE RESOURCES LTD.**  
SCALE: 1: 600 DWG: XSCNW.DWG  
DRAWN: LCP PROJ: FP DATE: 10/11/1996

**ROCK UNITS**

CSDH Casing  
 OBDH Overburden  
 NLDH No log

Airborne HEM  
 conductor  
 axis

[-57.30]



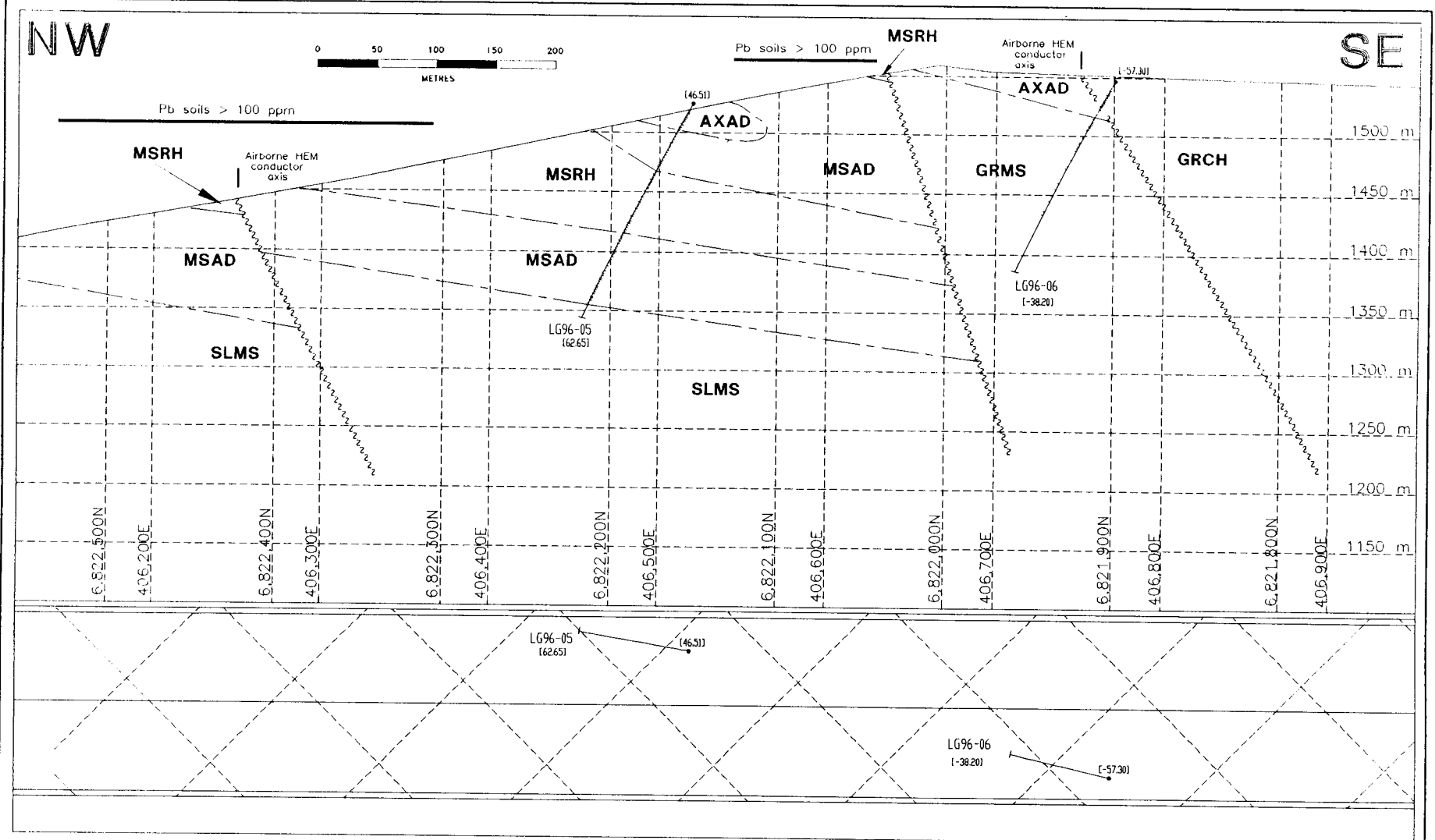
ICP  
 Cu ppm Pb ppm Zn ppm Ag ppm  
 ASSAY  
 Cu % Pb % Zn % Ag g/t

RD96-01 Drill Hole Name  
 [0.41] projection distance

~~~~~ Fault  
 - - - - Geological contact

Figure 14
 Archer, Cathro & Associates (1981) Limited
SECTION C (SOUTHEAST)
LEAGUE PROPERTY
EXPATRIATE RESOURCES LTD.

SCALE: 1:1,000 FILE: XSCSE.DWG
 DRAWN: LCP PROJ:FP DATE: 12/11/1996



| ROCK UNITS | | VCAD | Volcaniclastic basalt |
|------------|--|------|---|
| CSDH | Casing | VCMS | Volcaniclastics with graphitic phyllite interbeds |
| OBDH | Overburden | GRCH | Graphitic chert |
| NLDH | No log | MSCH | Massive chert |
| MSRH | Rhyolite | GRMS | Graphitic phyllite |
| AXRH | Muscovite altered rhyolite | SLMS | Calcareous phyllite with siltstone interbeds |
| MSAD | Chloritic phyllite (basalt) | SHST | Sheared fault rock |
| AXAD | Muscovite altered basalt | FLST | Fault |
| PHAD | Chloritic phyllite with feldspar phenocrysts | GGST | Fault gouge |
| VLCB | Volcaniclastic dacite | | |

Figure 15
Archer, Cathro & Associates (1981) Limited

SECTION C
LEAGUE PROPERTY

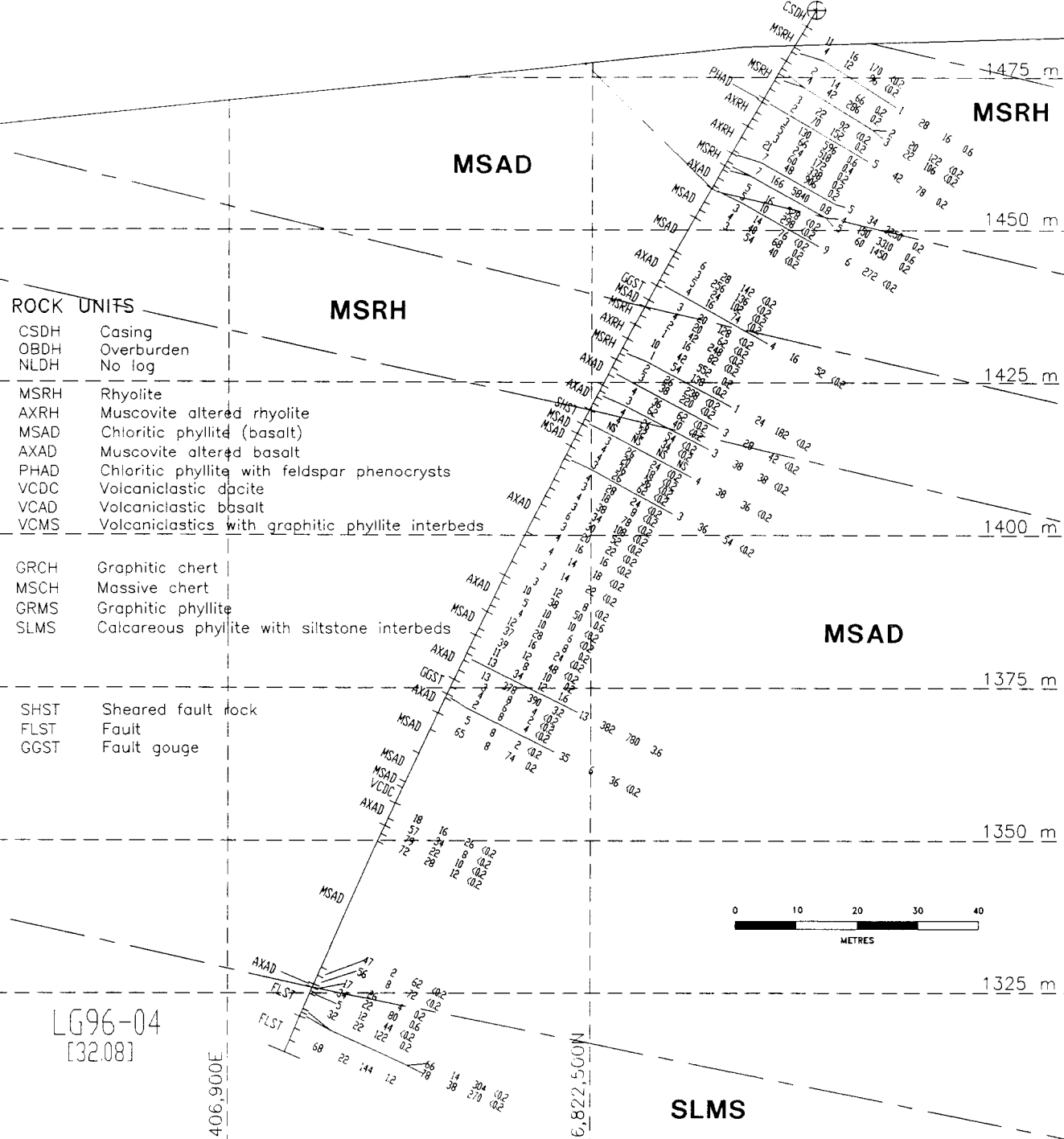
EXPATRIATE RESOURCES LTD.

| | |
|----------------|---------------------------|
| SCALE: 1:5,000 | FILE: XSC.DWG |
| DRAWN: LCP | PROJ: FP DATE: 12/11/1996 |

NW

SE

[35.32]

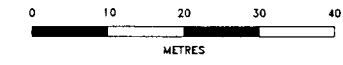


ROCK UNITS

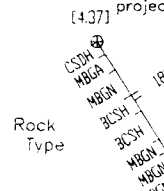
- CSDH Casing
- OBDH Overburden
- NLDH No log
- MSRH Rhyolite
- AXRH Muscovite altered rhyolite
- MSAD Chloritic phyllite (basalt)
- AXAD Muscovite altered basalt
- PHAD Chloritic phyllite with feldspar phenocrysts
- VCDC Volcaniclastic dacite
- VCAD Volcaniclastic basalt
- VCMS Volcaniclastics with graphitic phyllite interbeds

- GRCH Graphitic chert
- MSCH Massive chert
- GRMS Graphitic phyllite
- SLMS Calcareous phyllite with siltstone interbeds

- SHST Sheared fault rock
- FLST Fault
- GGST Fault gouge



Drill Hole Trace



| ICP | Cu ppm | Pb ppm | Zn ppm | Ag ppm |
|-------|--------|--------|--------|--------|
| ASSAY | Cu % | Pb % | Zn % | Ag g/t |

Legend:
 ~~~~~ Fault  
 - - - - Geological contact

Figure 16  
 Archer, Cathro & Associates (1981) Limited  
**SECTION D (NORTHWEST)**  
**LEAGUE PROPERTY**  
**EXPATRIATE RESOURCES LTD.**

SCALE: 1:1,000 FILE: XSDNW.DWG  
 DRAWN: LCP PROJ:FP DATE: 11/11/1998

NW

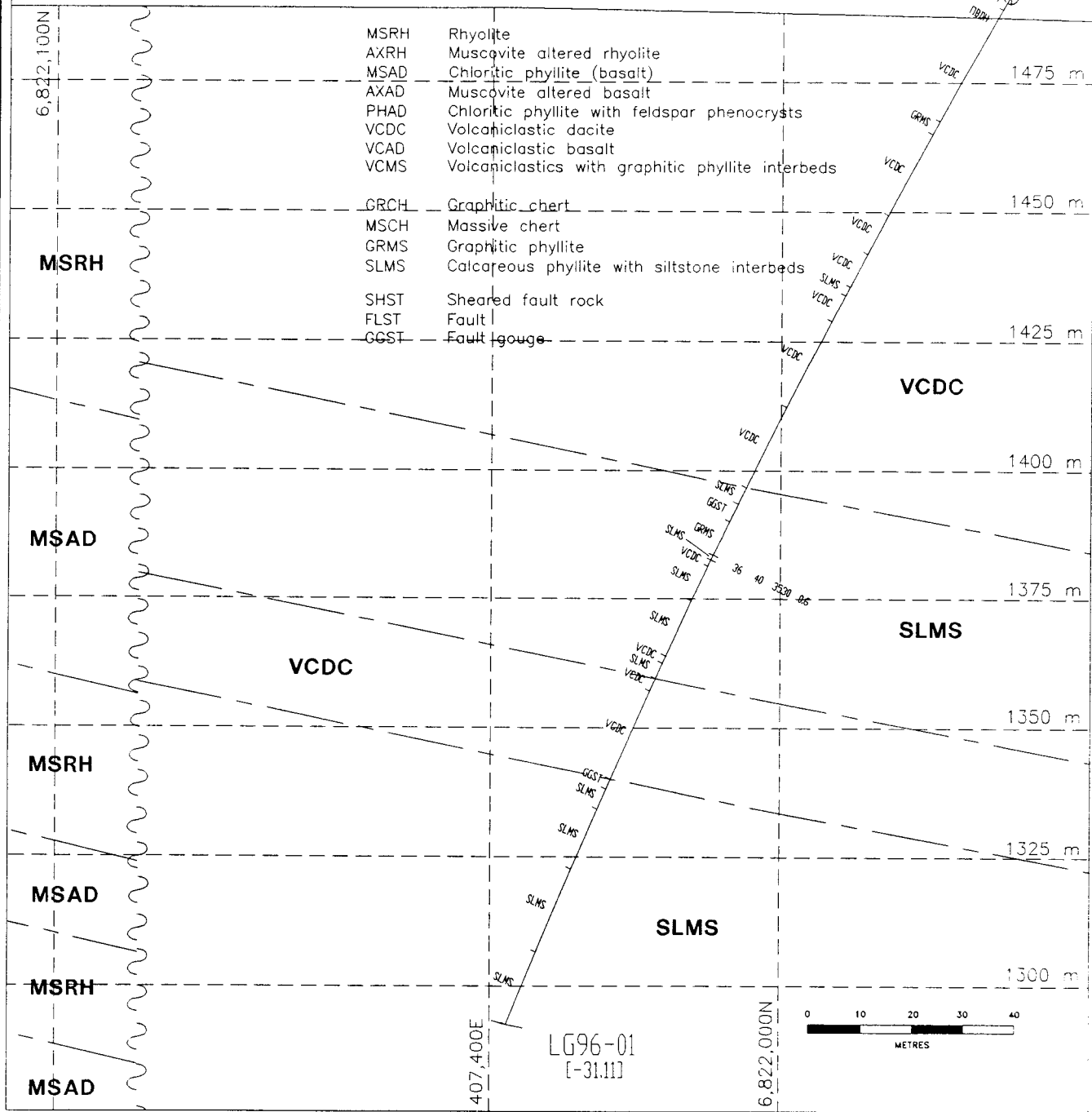
Airborne HEM  
conductor  
axis

ROCK UNITS

CSDH Casing  
OBDH Overburden  
NLDH No log

SE

[-30.88]



Drill Hole Trace

(4.37) projection distance

Analyses  
181 10 206 0.0

Rock Type

CSDH  
MBGA  
MBGN  
BLSH  
BLSH  
MBGN  
MBAN  
MBGN

RD96-01 Drill Hole Name  
(0.41) projection distance

ICP

Cu ppm Pb ppm Zn ppm Ag ppm

ASSAY

Cu % Pb % Zn % Ag g/t

~~~~~ Fault

----- Geological contact

Figure 17

Archer, Cathro & Associates (1981) Limited

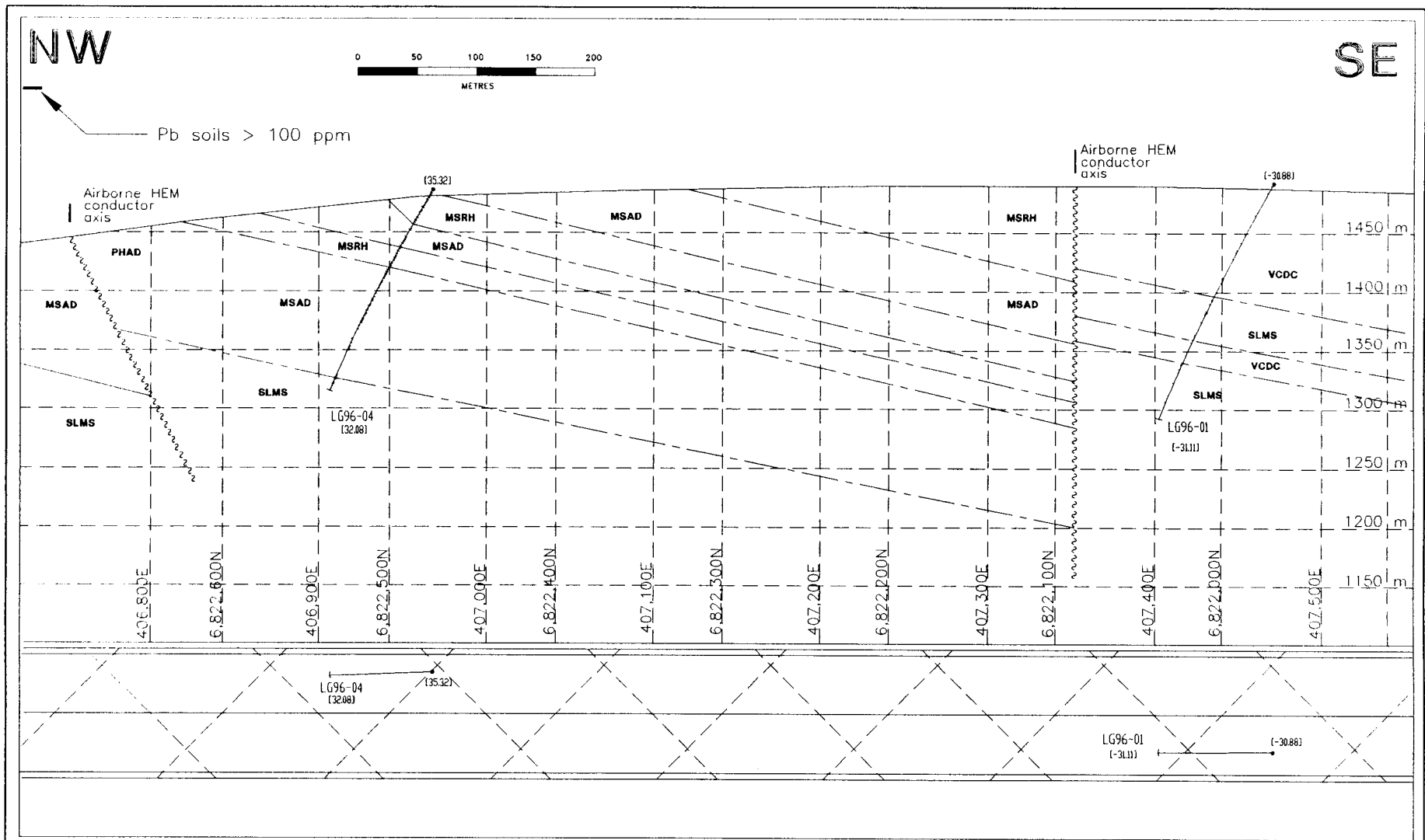
SECTION D (SOUTHEAST)

LEAGUE PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:1,200 FILE: XSDSE.DWG

DRAWN: LCP PROJ:FP DATE: 11/11/1996



ROCK UNITS

CSDH Casing
 OBDH Overburden
 HLDH Ho log

MSRH Rhyolite
 AXRH Muscovite altered rhyolite
 MSAD Chloritic phyllite (basalt)
 AXAD Muscovite altered basalt
 PHAD Chloritic phyllite with feldspar phenocrysts
 VCDC Volcaniclastic dacite

VCAD Volcaniclastic basalt
 VCMS Volcaniclastics with graphitic phyllite interbeds
 GRCH Graphitic chert
 MSCH Massive chert
 GRMS Graphitic phyllite
 SLMS Calcareous phyllite with siltstone interbeds
 SHST Sheared fault rock
 FLST Fault
 GGST Fault gouge

Figure 18
 Archer, Cathro & Associates (1981) Limited

SECTION D
LEAGUE PROPERTY

EXPATRIATE RESOURCES LTD.

SCALE: 1:5,000 FILE: XSD.DWG
 DRAWN: LCP PROJ:FP DATE: 11/11/1996

Hole LG96-04 was collared to drill through the eastern extent of the northern rhyolite sequence. Surface mapping northwest of the drill pad delineated a chloritic feldspar porphyry structurally underlying the rhyolite at surface. The hole was collared to test the porphyry as well as the rhyolite. The hole successfully drilled through two rhyolite units (Figures 16, 18). Both rhyolites were underlain by muscovite-quartz phyllites. The uppermost MSRH and AXRH unit contains one interval (26.60-30.18m) with elevated zinc values (see Table 5). The feldspar porphyry was not encountered in the drill hole. The hole was stopped in a large fault zone of carbonaceous phyllites (GRMS and SLMS) to avoid losing the hole.

Hole LG96-01 was collared to test geophysical conductor anomaly A-40. The upper portion of the hole was dominated by massive and indistinctly bedded crystal tuffs (VCDC) (Figure 17, 18). The lower part of the hole consists of slightly to moderately calcareous, thinly bedded, medium grey phyllite with siltstone interbeds (SLMS). No rhyolites were intersected in the hole. No major sulphides were present. If the A-40 conductor axis was a vertical structure, LG96-01 would not have successfully tested the axis because it was collared too far to the southeast.

Numerous faults were encountered within the drill holes. Orientations of the faults are uncertain. Geophysical conductor axes and regional mapping suggest northwest and northeast orientations for the fault structures would not be unreasonable.

CONCLUSIONS and RECOMMENDATIONS

The northern part of the League property is underlain by massive basalts (chloritic phyllites) with lesser interbanded felsic to intermediate volcanics and dark grey, aphanitic rhyolites. This sequence overlies a thick carbonaceous calcareous phyllite unit. Lithologic comparisons suggest that this entire sequence correlates with the Cambro-Ordovician Kechika Group. Large geochemical soil anomalies occur within the rhyolite-basalt sequence.

Detailed geologic mapping indicates the soil anomalies are associated with a muscovite-quartz phyllite which occurs structurally beneath a massive aphanitic grey rhyolite and above massive chloritic basalts. The rhyolite and muscovite-quartz phyllite with associated soil anomalies form two northeast-southwest trending sequences on the League property. The units dip gently to the southeast.

Three of the six drill holes successfully drilled through the north rhyolite sequence. All three encountered extensive muscovite-quartz phyllites occurring structurally beneath aphanitic rhyolite and above chloritic phyllite greenstones. It is uncertain whether the muscovite-quartz phyllites represent a felsic volcanoclastic unit or a highly muscovite altered basalt. The muscovite-quartz phyllites and massive rhyolites

contain intervals with anomalous values of lead and zinc; in at least one drill hole they contain thin sulphide-quartz stringers with pyrite and associated sphalerite and galena. Intersections with elevated zinc and lead values have background copper values. The drill hole intersections listed in Table 5 indicate that hydrothermal activity resulting in stringer mineralization has been active within the volcanic sequence. This hydrothermal activity may be distal to massive sulphide deposits within the same stratigraphic horizon. Massive sulphide mineralization was not intersected in any of the drill holes.

The present drilling has not fully tested the zones of rhyolite and muscovite-quartz phyllite for syndepositional massive sulphide deposits. The 1996 drill holes intersecting the north horizon have a spacing of greater than 200 metres along trend. The south rhyolite zone remains untested since hole LG96-06 failed to intersect this unit. Both the north and south rhyolite horizons remain open to the northeast as the anomalous units are covered with overburden. Similarly, the anomalous horizons have not been fully tested downdip.

No zoning studies have been completed to determine if variations in trace element concentrations would be useful to indicate a possible zoning trend direction for massive sulphide mineralization.

The following recommendations are made for continued exploration on the League property.

- 1) Re-logging of the existing 1996 drill holes should be completed to address the question of the protolith for the muscovite-quartz phyllites occurring beneath the MSRH unit. It is this unit that is most anomalous in base metals. It is essential to know if the unit is a highly altered basalt or a micaceous felsic volcanic/volcaniclastic. Closer examination of trace elements may be useful in trying to make this distinction. Sample pulps or rejects may have to be re-analyzed to ensure complete digestion of the samples.

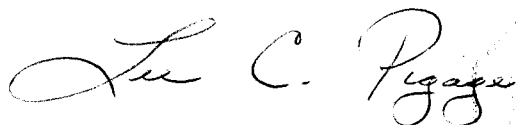
- 2) The muscovite-quartz phyllites from existing holes LG96-02, LG96-04, and LG96-05 should be examined for possible trace element variations outlining an along-strike zoning variation. Sample pulps or rejects may have to be re-analyzed to ensure complete digestion of the samples. The trace elements studies may suggest a vector direction for future exploration efforts.

- 3) Geophysical HEM and HLEM conductor axes in the area northeast of the existing drill holes should be re-examined in light of the changes to the geologic interpretation resulting from the 1996 field program. This area is covered with overburden; any geochemical anomalies would be masked by the cover. The geophysical surveys may indicate potential massive sulphide mineralization.

- 4) Downdip drilling should be completed on at least one of the drill pads LG96-02, LG96-04, LG96-05. Trace elements should be examined to determine if trace element chemistry is useful in outlining a zoning trend in the downdip direction. This study is essentially the same as that recommended in 2) only directed downdip rather than along strike.
- 5) Infill drilling should be completed on the north rhyolite sequence to reduce the spacing of drill hole intersections to 200 m along strike.
- 6) At least one drill hole should be completed to test the south rhyolite sequence. Hole LG96-06 failed to test this target because of fault complications. The target horizon is probably most easily tested from drill pad(s) constructed northeast of hole LG96-06.
- 7) The north and south rhyolite sequences should be drill tested along strike to the northeast. This northeast extension is covered by overburden; geochemical anomalies would be masked by the cover. Drill pads should be placed with the help of the existing geophysical surveys; these surveys help define lithologies in the covered area.

Recommendations 1-3 can be completed without further drilling. Recommendations 4-7 involve further drilling on the League property. Further drilling should be conducted as a staged program depending on the results of the trace element studies, geophysical surveys, and geological interpretation from the earlier drill holes.

Respectfully submitted,



Lee C. Pigage, Ph.D., P. Geo.
November 20, 1996



SELECTED REFERENCES

- Cathro, R.J., 1973. Final Report, Finlayson Joint Venture, November 30, 1973. Unpublished company report.
- Clarke, D., 1991. NewPet. Shareware computer program. Memorial University of Newfoundland, Department of Earth Sciences.
- DIAND, 1995. Yukon Minfile, Version 2.05, 31 July/95. Exploration and Geological Services Division, Indian and Northern Affairs Canada.
- DMTS, 1961. Finlayson Lake (105G), Airborne Magnetic Map. Department of Mines and Technical Surveys, Geophysical Paper 70006G.
- Hornbrook, E.H.W. and Friske, P.W.B., 1988. Regional stream sediment and water geochemical data, southeastern Yukon. Geological Survey of Canada, Open File 1648 (105G).
- Irvine, T.N., and Baragar, W.R.A., 1971. A guide to the chemical classification of the common volcanic rocks. Canadian Journal of Earth Sciences, 8, 523-548.
- Johnston, S.T., and Mortensen, J.K., 1994. Regional setting of porphyry Cu-Mo deposits, volcanogenic massive sulphide deposits, and mesothermal gold deposits in the Yukon-Tanana terrane, Yukon. Yukon Metallogeny: Recent developments, Canadian-Yukon economic development agreement, 30-34.
- Lee, C., and Power, M., in preparation. Ground Geophysical Surveys on the Finlayson Project Properties. Amerok Geosciences Ltd., Unpublished company report.
- Mortensen, J.K., 1992. Pre-mid-Mesozoic tectonic evolution of the Yukon-Tanana terrane, Yukon and Alaska. Tectonics, 11, 836-853.
- Mortensen, J.K., and Jilson, G.A., 1985. Evolution of the Yukon-Tanana terrane: evidence from southeastern Yukon Territory. Geology, 13, 806-810.
- Payne, J.G., 1996. Report #960624, Project: Finlayson, Property: League. Vancouver Petrographics Ltd., Unpublished company report.
- Power, M.A., 1996. Evaluation of geophysical data from the League property, Watson Lake Mining District, Y.T. Amerok Geosciences Ltd., Unpublished company report.

- Tempelman-Kluit, D.J., 1977. Quiet Lake (105F) and Finlayson Lake (105G) map areas. Geological Survey of Canada, Open File 486.
- Tempelman-Kluit, D.J., 1979. Transported cataclasite, ophiolite and granodiorite in Yukon: evidence of arc-continent collision. Geological Survey Canada, Paper 79-14, 27 pages.
- Tempelman-Kluit, D.J., Gordey, S.P., and Read, B.C., 1976. Stratigraphic and structural studies in the Pelly Mountains, Yukon Territory. Geological Survey of Canada, Paper 76-1A., 97-106.
- Turner, F.J., 1981. Metamorphic petrology, mineralogical, field, and tectonic aspects, 2nd edition. McGraw-Hill Book Company, New York.
- Wengzynowski, W.A., 1996. Assessment report describing geological mapping, prospecting, geochemistry and geophysical surveys on the League Property. Expatriate Resources Ltd., Unpublished company report.
- Winkler, H.G.F., 1974. Petrogenesis of metamorphic rocks, 3rd edition. Springer-Verlag, New York.
- Woolham, R.W., 1996. Report on a combined helicopter-borne electromagnetic survey. Goal Net, Hat Trick, League, Offside, Power Play, Shutout, and Slapshot properties, Finlayson Lake area, Yukon Territory, NTS 105 G and J. Aerodat Inc., Unpublished company report.

APPENDIX I
STATEMENT of QUALIFICATIONS

STATEMENT of QUALIFICATIONS

I, Lee C. Pigage, am a resident of the Yukon Territory, living at 2 Rosewood Place, Whitehorse, Yukon Y1A 4X3.

I graduated from the University of Wyoming in 1970 with a B.Sc. in Geological Sciences.

I graduated from the University of British Columbia in 1973 with a M.Sc. in Geological Sciences.

I graduated from the University of British Columbia in 1978 with a Ph.D. in Geological Sciences.


I have worked in economic geology and the mining industry continuously since 1979.

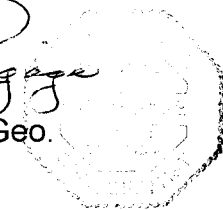
I am a Fellow in the Geological Association of Canada.

I am a Professional Geoscientist (#21130) registered with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (APEGBC).

I personally participated in and supervised the project described in this report.

I do not have any investment interest in any of the quartz claims covered in this report.


Lee C. Pigage, Ph.D., P. Geo.
November 20, 1996



APPENDIX II
1996 LEAGUE DRILL LOGS

**SYNOPTIC LOG
FINLAYSON PROJECT**

Hole: LG96-01 Property: League

EXPATRIATE RESOURCES LTD.

Easting: 407449 Northing: 6821947 Elevation: 1492 Depth: 222.50

Logged by: Greg Bell
Drilling Dates: June 6-9 1996

| Depth | Azimuth | Dip | Method |
|--------|---------|-----|---------|
| 0.00 | 315 | -60 | Brunton |
| 222.50 | | -68 | Acid |

| From (m) | To (m) | Interval (m) | Unit | Comments | From (m) | To (m) | Interval (m) | Sample No. | REC % | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppm) | Au (ppb) |
|----------|--------|--------------|-------|---|----------|--------|--------------|------------|-------|----------|----------|----------|----------|----------|
| 0.00 | 3.05 | 3.05 | CSDH | Casing | | | | | | | | | | |
| 3.05 | 9.50 | 6.45 | OB DH | Overburden | | | | | | | | | | |
| 9.50 | 28.10 | 18.60 | VCDC | massive volcanoclastic dacite | | | | | | | | | | |
| 28.10 | 30.96 | 2.86 | GRMS | graphitic phyllite | | | | | | | | | | |
| 30.96 | 48.77 | 17.81 | VCDC | volcanoclastic dacite | | | | | | | | | | |
| 48.77 | 57.20 | 8.43 | VCDC | bedded volcanoclastic dacite | | | | | | | | | | |
| 57.20 | 64.38 | 7.18 | VCDC | volcanoclastic dacite mixed with mudstone | | | | | | | | | | |
| 64.38 | 66.20 | 1.82 | SLMS | interbedded mudstone and siltstone | | | | | | | | | | |
| 66.20 | 71.85 | 5.65 | VCDC | bedded volcanoclastic dacite | | | | | | | | | | |
| 71.85 | 90.73 | 18.88 | VCDC | massive volcanoclastic dacite | | | | | | | | | | |
| 90.73 | 108.20 | 17.47 | VCDC | bedded volcanoclastic dacite | | | | | | | | | | |
| 108.20 | 111.76 | 3.56 | SLMS | mudstone with siltstone interbeds | | | | | | | | | | |
| 111.76 | 115.60 | 3.84 | GGST | fault gouge | | | | | | | | | | |
| 115.60 | 122.90 | 7.30 | GRMS | graphitic mudstone | | | | | | | | | | |
| 122.90 | 123.92 | 1.02 | SLMS | silicified siltstone and shale | | | | | | | | | | |
| | | | | | 122.90 | 123.92 | 1.02 | N110500 | 90 | 36 | 40 | 3530 | 0.6 | |
| 123.92 | 125.27 | 1.35 | VCDC | massive volcanoclastic dacite | | | | | | | | | | |
| 125.27 | 132.75 | 7.48 | SLMS | interbedded siltstone and shale with VCDC | | | | | | | | | | |
| 132.75 | 144.60 | 11.85 | SLMS | interbedded siltstone and shale | | | | | | | | | | |
| 144.60 | 146.20 | 1.60 | VCDC | volcanoclastic dacite | | | | | | | | | | |
| 146.20 | 149.45 | 3.25 | SLMS | siltstone interbedded with shale | | | | | | | | | | |
| 149.45 | 152.10 | 2.65 | VCDC | fault gouge in bedded volcanoclastic dacite | | | | | | | | | | |
| 152.10 | 170.70 | 18.60 | VCDC | bedded volcanoclastic dacite | | | | | | | | | | |
| 170.70 | 172.80 | 2.10 | GGST | fault gouge and breccia | | | | | | | | | | |
| 172.80 | 177.02 | 4.22 | SLMS | siltstone interbedded with shale | | | | | | | | | | |
| 177.02 | 189.85 | 12.83 | SLMS | shale with interbedded siltstone | | | | | | | | | | |
| 189.85 | 207.27 | 17.42 | SLMS | interbedded siltstone and mudstone | | | | | | | | | | |
| 207.27 | 222.50 | 15.23 | SLMS | interbedded siltstone and mudstone | | | | | | | | | | |
| | | | | EOH | | | | | | | | | | |

**SYNOPTIC LOG
FINLAYSON PROJECT**

Hole: LG96-02 Property: League

Page 1 of 4

EXPATRIATE RESOURCES LTD.

Easting: 406330 Northing: 6822169 Elevation: 1500 Depth: 229.51

Logged by: Greg Bell
Drilling Dates: June 11-15, 1996

| Depth | Azimuth | Dip | Method |
|--------|---------|-----|---------|
| 0.00 | 317 | -60 | Brunton |
| 222.51 | | -61 | Acid |

| From (m) | To (m) | Interval (m) | Unit | Comments | From (m) | To (m) | Interval (m) | Sample No. | REC % | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppm) | Au (ppb) |
|----------|--------|--------------|------|-------------------------------------|----------|--------|--------------|------------|-------|----------|----------|----------|----------|----------|
| 0.00 | 6.10 | 6.10 | CSDH | casing | | | | | | | | | | |
| 6.10 | 12.15 | 6.05 | MSRH | rhyolite, broken and rusty | | | | | | | | | | |
| | | | | -rusty on FR | 6.10 | 7.85 | 1.75 | N112012 | 20 | 1 | 24 | 14 | 0.8 | |
| | | | | | 7.85 | 9.75 | 1.90 | N112013 | 30 | 1 | 20 | 12 | 0.6 | |
| | | | | | 9.75 | 11.28 | 1.53 | N112014 | 50 | 3 | 22 | 10 | 0.6 | |
| | | | | | 11.28 | 12.15 | 0.87 | N112015 | 12 | 1 | 34 | 24 | 0.6 | |
| 12.15 | 14.63 | 2.48 | MSRH | broken rhyolite | | | | | | | | | | |
| | | | | -rusty on FR | 12.15 | 13.11 | 0.96 | N112016 | 15 | 1 | 44 | 12 | 0.8 | |
| | | | | | 13.11 | 14.63 | 1.52 | N112017 | 33 | 3 | 62 | 4 | 2.0 | |
| 14.63 | 18.44 | 3.81 | MSRH | rusted rhyolite | | | | | | | | | | |
| | | | | | 14.63 | 15.85 | 1.22 | N112018 | 60 | 7 | 112 | 234 | 3.0 | |
| | | | | | 15.85 | 17.10 | 1.25 | N112019 | 80 | 6 | 210 | 96 | 1.0 | |
| | | | | | 17.10 | 18.44 | 1.34 | N112020 | 75 | 15 | 238 | 86 | 1.8 | |
| 18.44 | 28.90 | 10.46 | MSRH | massive rhyolite with minor rusting | | | | | | | | | | |
| | | | | -some rust on FR | 18.44 | 19.20 | 0.76 | N112022 | 79 | 12 | 314 | 124 | 2.8 | |
| | | | | -PY on FR | 19.20 | 20.70 | 1.50 | N112023 | 94 | 3 | 22 | 68 | 0.6 | |
| | | | | | 20.70 | 22.25 | 1.55 | N112024 | 94 | 2 | 18 | 46 | 0.6 | |
| | | | | | 22.25 | 23.99 | 1.74 | N112025 | 92 | 13 | 36 | 82 | 0.8 | |
| | | | | | 23.99 | 25.30 | 1.31 | N112026 | 92 | 8 | 34 | 140 | 0.8 | |
| | | | | | 25.30 | 26.37 | 1.07 | N112027 | 73 | 7 | 3950 | 90 | 5.8 | |
| | | | | | 26.37 | 27.73 | 1.36 | N112028 | 50 | 1 | 42 | 40 | 0.2 | |
| | | | | | 27.73 | 28.90 | 1.17 | N112029 | 60 | 4 | 38 | 82 | 0.6 | |
| 28.90 | 33.25 | 4.35 | MSRH | massive rhyolite | | | | | | | | | | |
| | | | | - some rust on FR | 28.90 | 30.17 | 1.27 | N112030 | 70 | 6 | 24 | 252 | 0.6 | |
| | | | | -PY common in quartz veins | 30.17 | 31.39 | 1.22 | N112031 | 78 | 5 | 30 | 252 | 0.8 | |
| | | | | | 31.39 | 32.46 | 1.07 | N112032 | 52 | 11 | 26 | 142 | 0.6 | |
| | | | | | 32.46 | 33.25 | 0.79 | N112033 | 74 | 27 | 42 | 354 | 1.6 | |
| 33.25 | 40.10 | 6.85 | MSRH | massive rhyolite | | | | | | | | | | |
| | | | | -PY in FR with quartz and calcite | 33.25 | 34.90 | 1.65 | N112034 | 96 | <0.01% | <0.01% | 0.01% | 0.7 g/t | 5 |
| | | | | -GA in FR with quartz and calcite | 34.90 | 36.60 | 1.70 | N112035 | 74 | <0.01% | 0.07% | <0.01% | 2.1 g/t | 15 |
| | | | | | 36.60 | 37.89 | 1.29 | N112036 | 74 | 0.01% | 0.87% | 0.01% | 19.2 g/t | 60 |

**SYNOPTIC LOG
FINLAYSON PROJECT**

Hole: LG96-02

Property: League

Page 2 of 4

EXPATRIATE RESOURCES LTD.

| From (m) | To (m) | Interval (m) | Unit | Comments | From (m) | To (m) | Interval (m) | Sample No. | REC % | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppm) | Au (ppb) |
|----------|--------|--------------|------|--|----------|--------|--------------|------------|-------|----------|----------|----------|----------|----------|
| | | | | | 37.89 | 40.10 | 2.21 | N112037 | 94 | <0.01% | 0.07% | 0.02% | 5.5 g/t | 30 |
| 40.10 | 43.18 | 3.08 | AXRH | altered felsite or rhyolite | | | | | | | | | | |
| | | | | | 40.10 | 41.76 | 1.66 | N112038 | 75 | 27 | 1810 | 2010 | 29.0 | |
| | | | | | 41.76 | 43.18 | 1.42 | N112039 | 77 | 6 | 56 | 236 | 2.8 | |
| 43.18 | 56.08 | 12.90 | AXAD | apple-green, muscovite altered andesite | | | | | | | | | | |
| | | | | -fine PY in quartz stringers | 43.18 | 44.81 | 1.63 | N112040 | 57 | 0.01% | 0.09% | 0.11% | 4.3 g/t | 1170 |
| | | | | -trace SL in quartz stringers | 44.81 | 46.63 | 1.82 | N112041 | 87 | <0.01% | 0.13% | 0.02% | 6.2 g/t | 50 |
| | | | | | 46.63 | 48.28 | 1.65 | N112042 | 73 | <0.01% | 0.02% | 0.24% | 1.7 g/t | 40 |
| | | | | | 48.28 | 49.07 | 0.79 | N112043 | 73 | <0.01% | 0.02% | 0.06% | 1.0 g/t | 15 |
| | | | | | 49.07 | 51.21 | 2.14 | N112044 | 49 | <0.01% | 0.05% | 0.37% | 2.1 g/t | 15 |
| | | | | | 51.21 | 52.73 | 1.52 | N112045 | 55 | <0.01% | <0.01% | 0.02% | 1.4 g/t | 10 |
| | | | | | 52.73 | 54.13 | 1.40 | N112046 | 85 | <0.01% | <0.01% | 0.03% | 1.4 g/t | 5 |
| | | | | | 54.13 | 56.08 | 1.95 | N112047 | 84 | <0.01% | 0.01% | 0.04% | 1.0 g/t | <5 |
| 56.08 | 58.77 | 2.69 | AXAD | green muscovite altered andesite | | | | | | | | | | |
| | | | | | 56.08 | 57.61 | 1.53 | N112048 | 80 | 55 | 22 | 190 | 0.2 | |
| | | | | | 57.61 | 58.77 | 1.16 | N112049 | 56 | 67 | 2 | 26 | <0.2 | |
| 58.77 | 67.57 | 8.80 | MSAD | massive andesite | | | | | | | | | | |
| | | | | -trace wispy PY bands | 58.77 | 60.05 | 1.28 | N112050 | 53 | 51 | 2 | 122 | <0.2 | |
| | | | | | 60.05 | 61.87 | 1.82 | N110451 | 85 | 59 | <2 | 56 | <0.2 | |
| | | | | | 61.87 | 63.20 | 1.33 | N110452 | 88 | 70 | <2 | 190 | <0.2 | |
| | | | | | 63.20 | 64.31 | 1.11 | N110453 | 85 | 60 | <2 | 44 | <0.2 | |
| 67.57 | 69.14 | 1.57 | MSAD | calcareous massive andesite | | | | | | | | | | |
| 69.14 | 75.63 | 6.49 | MSAD | massive andesite | | | | | | | | | | |
| 75.63 | 78.10 | 2.47 | MSAD | calcareous massive andesite | | | | | | | | | | |
| 78.10 | 83.96 | 5.86 | MSAD | massive andesite | | | | | | | | | | |
| | | | | -PY in discontinuous quartz stringers | 78.10 | 80.16 | 2.06 | N110461 | 80 | 22 | 14 | 18 | <0.2 | |
| | | | | | 80.16 | 82.10 | 1.94 | N110462 | 100 | 11 | 40 | 6 | <0.2 | |
| | | | | | 82.10 | 83.96 | 1.86 | N110463 | 100 | 10 | 46 | 6 | 0.2 | |
| 83.96 | 88.64 | 4.68 | AXAD | altered andesite | | | | | | | | | | |
| | | | | -trace PY with vein quartz | 83.96 | 86.25 | 2.29 | N110464 | 76 | 36 | 12 | 26 | 0.2 | |
| | | | | | 86.25 | 88.64 | 2.39 | N110465 | 75 | 21 | 30 | 14 | 0.2 | |
| 88.64 | 92.35 | 3.71 | GGST | fault gouge of altered andesite | | | | | | | | | | |
| 92.35 | 93.88 | 1.53 | GRMS | graphitic mudstone and interbedded siltstone | | | | | | | | | | |

**SYNOPTIC LOG
FINLAYSON PROJECT**

Hole: LG96-02

Property: League

Page 3 of 4

EXPATRIATE RESOURCES LTD.

| From (m) | To (m) | Interval (m) | Unit | Comments | From (m) | To (m) | Interval (m) | Sample No. | REC % | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppm) | Au (ppb) |
|----------|--------|--------------|------|-------------------------------------|----------|--------|--------------|------------|-------|----------|----------|----------|----------|----------|
| 93.88 | 108.55 | 14.67 | MSAD | massive andesite | | | | | | | | | | |
| 108.55 | 119.00 | 10.45 | GRCH | graphitic chert | | | | | | | | | | |
| 119.00 | 121.21 | 2.21 | GGST | fault gouge of andesite | | | | | | | | | | |
| 121.21 | 123.70 | 2.49 | MSAD | massive andesite | | | | | | | | | | |
| 123.70 | 127.10 | 3.40 | MSAD | massive andesite | | | | | | | | | | |
| | | | | -trace PY disseminated and in veins | 124.97 | 127.10 | 2.13 | N110454 | 50 | 9 | 14 | 16 | <0.2 | |
| 127.10 | 135.15 | 8.05 | PHAD | massive andesite with phenocrysts | | | | | | | | | | |
| | | | | -PY in quartz veinlets | 127.10 | 128.02 | 0.92 | N110455 | 65 | 6 | 16 | 2 | <0.2 | |
| | | | | | 128.02 | 129.84 | 1.82 | N110456 | 85 | 11 | 56 | 22 | 0.8 | |
| 135.15 | 140.80 | 5.65 | MSAD | deformed andesite | | | | | | | | | | |
| 140.80 | 142.27 | 1.47 | MSRH | massive rhyolite | | | | | | | | | | |
| 142.27 | 146.25 | 3.98 | AXRH | altered rhyolite | | | | | | | | | | |
| | | | | -PY in quartz veins | 142.27 | 143.87 | 1.60 | N110466 | 90 | 12 | 24 | 2 | <0.2 | |
| | | | | | 143.87 | 146.25 | 2.38 | N110467 | 85 | 1 | 12 | 8 | <0.2 | |
| 146.25 | 150.27 | 4.02 | AXAD | altered grey tan andesite | | | | | | | | | | |
| 150.27 | 164.05 | 13.78 | MSRH | massive rhyolite | | | | | | | | | | |
| 164.05 | 165.90 | 1.85 | AXAD | apple-green altered andesite | | | | | | | | | | |
| 165.90 | 182.73 | 16.83 | PHAD | massive andesite with phenocrysts | | | | | | | | | | |
| 182.73 | 184.70 | 1.97 | AXAD | altered andesite | | | | | | | | | | |
| 184.70 | 186.80 | 2.10 | AXAD | tan altered andesite | | | | | | | | | | |
| | | | | -PY with quartz blebs | 184.70 | 185.32 | 0.62 | N110457 | 60 | 0.01% | 0.01% | 0.02% | 0.3 g/t | <5 |
| | | | | -SL and GL in siliceous fragments | 185.32 | 186.80 | 1.48 | N110458 | 50 | 0.01% | 0.07% | 0.42% | 1.0 g/t | 15 |
| 186.80 | 188.83 | 2.03 | SLMS | interbedded siltstone and mudstone | | | | | | | | | | |
| 188.83 | 189.70 | 0.87 | AXAD | tan-green altered andesite | | | | | | | | | | |
| 189.70 | 191.54 | 1.84 | SLMS | interbedded siltstone and mudstone | | | | | | | | | | |
| 191.54 | 193.45 | 1.91 | SLMS | interbedded siltstone and mudstone | | | | | | | | | | |
| | | | | -large PY crystals | 191.54 | 193.45 | 1.91 | N110459 | 88 | 0.01% | 0.02% | 0.05% | 0.7 g/t | 10 |
| 193.45 | 198.70 | 5.25 | SLMS | interbedded siltstone and mudstone | | | | | | | | | | |
| 198.70 | 201.00 | 2.30 | AXAD | altered andesite | | | | | | | | | | |
| | | | | -trace SL | 200.17 | 201.00 | 0.83 | N110460 | 65 | 0.01% | 0.03% | 0.03% | 0.7 g/t | <5 |
| 201.00 | 205.55 | 4.55 | SLMS | interbedded siltstone and mudstone | | | | | | | | | | |
| 205.55 | 207.60 | 2.05 | MSAD | massive andesite | | | | | | | | | | |
| 207.60 | 216.80 | 9.20 | SLMS | interbedded siltstone and mudstone | | | | | | | | | | |

**SYNOPTIC LOG
FINLAYSON PROJECT**

EXPATRIATE RESOURCES LTD.

Hole: LG96-03 Property: League

Easting: 406035 Northing: 6822091 Elevation: 1478 Depth: 122.24

Logged by: Greg Bell
Drilling Dates: June 17-19, 1996

| Depth | Azimuth | Dip | Method |
|-------|---------|-----|---------|
| 0.00 | 330 | -50 | Brunton |
| | | | |

| From (m) | To (m) | Interval (m) | Unit | Comments | From (m) | To (m) | Interval (m) | Sample No. | REC % | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppm) | Au (ppb) |
|----------|--------|--------------|------|---|----------|--------|--------------|------------|-------|----------|----------|----------|----------|----------|
| 0.00 | 6.01 | 6.01 | CSDH | casing | | | | | | | | | | |
| 6.01 | 11.28 | 5.27 | MSAD | rusty, broken andesite | | | | | | | | | | |
| 11.28 | 32.00 | 20.72 | MSAD | massive andesite | | | | | | | | | | |
| 32.00 | 35.05 | 3.05 | AXAD | green muscovite altered andesite | | | | | | | | | | |
| | | | | -minor rusting | 32.00 | 35.05 | 3.05 | N110497 | 30 | 27 | 36 | 498 | 0.2 | |
| 35.05 | 37.03 | 1.98 | AXAD | tan altered andesite | | | | | | | | | | |
| | | | | -moderate rusting | 35.05 | 37.03 | 1.98 | N110498 | 100 | 60 | 2 | 308 | <0.2 | |
| 37.03 | 38.56 | 1.53 | AXAD | mariposite altered andesite | | | | | | | | | | |
| | | | | | 37.03 | 38.56 | 1.53 | N110499 | 100 | 80 | 14 | 288 | 0.6 | |
| 38.56 | 40.20 | 1.64 | AXAD | altered andesite | | | | | | | | | | |
| 40.20 | 51.70 | 11.50 | FLST | fault and rubble | | | | | | | | | | |
| 51.70 | 58.05 | 6.35 | GGST | fault gouge | | | | | | | | | | |
| 58.05 | 63.35 | 5.30 | MSAD | massive andesite mixed w graphitic mudstone | | | | | | | | | | |
| 63.35 | 64.90 | 1.55 | GRMS | graphitic mudstone | | | | | | | | | | |
| 64.90 | 79.00 | 14.10 | MSAD | massive andesite | | | | | | | | | | |
| 79.00 | 80.15 | 1.15 | PHAD | andesite with phenocrysts | | | | | | | | | | |
| 80.15 | 105.12 | 24.97 | MSAD | massive andesite mixed with black chert | | | | | | | | | | |
| | | | | | 90.53 | 91.75 | 1.22 | N110481 | 98 | 71 | 74 | 2 | 1.0 | |
| | | | | | 91.75 | 93.27 | 1.52 | N110482 | 100 | 72 | 54 | 6 | 1.0 | |
| | | | | | 93.27 | 94.20 | 0.93 | N110483 | 100 | 57 | 10 | 10 | 0.4 | |
| | | | | | 94.20 | 96.32 | 2.12 | N110484 | 100 | 63 | 44 | 8 | 0.8 | |
| | | | | | 96.32 | 97.79 | 1.47 | N110485 | 100 | 0.01 % | <0.01 % | 0.01 % | 0.7 g/t | 15 |
| | | | | | 97.79 | 99.37 | 1.58 | N110486 | 100 | 0.01 % | 0.02 % | 0.39 % | 2.1 g/t | 10 |
| | | | | | 99.37 | 100.87 | 1.50 | N110487 | 96 | 0.01 % | 0.04 % | 0.73 % | 2.7 g/t | 10 |
| | | | | | 100.87 | 102.72 | 1.85 | N110496 | 100 | 0.01 % | 0.01 % | 0.05 % | 1.0 g/t | 25 |
| | | | | | 102.72 | 105.12 | 2.40 | N110488 | 93 | 49 | 36 | 44 | 0.6 | |
| 105.12 | 113.40 | 8.28 | AXAD | qtz banded andesite | | | | | | | | | | |
| | | | | -PY in quartz-calcite veins | 105.12 | 107.00 | 1.88 | N110489 | 100 | 44 | 26 | 6 | 0.2 | |
| | | | | | 107.00 | 108.81 | 1.81 | N110490 | 100 | 51 | 18 | 12 | 0.2 | |
| | | | | | 108.81 | 111.56 | 2.75 | N110491 | 99 | 53 | 22 | 14 | 0.2 | |
| | | | | | 111.56 | 113.40 | 1.84 | N110492 | 100 | 36 | 10 | 88 | <0.2 | |

**SYNOPTIC LOG
FINLAYSON PROJECT**

EXPATRIATE RESOURCES LTD.

Hole: LG96-04 Property: League

Page 1 of 4

Easting: 406993 Northing: 6822499 Elevation: 1486 Depth: 192.02

Logged by: Greg Bell
Drilling Dates: June 20-23, 1996

| Depth | Azimuth | Dip | Method |
|--------|---------|-----|---------|
| 0 | 313 | -59 | Brunton |
| 192.02 | | -67 | acid |

| From (m) | To (m) | Interval (m) | Unit | Comments | From (m) | To (m) | Interval (m) | Sample No. | REC % | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppm) | Au (ppb) |
|----------|--------|--------------|------|------------------------------------|----------|--------|--------------|------------|-------|----------|----------|----------|----------|----------|
| 0.00 | 3.05 | 3.05 | CSDH | casing | | | | | | | | | | |
| 3.05 | 9.70 | 6.65 | MSRH | broken core, massive rhyolite | | | | | | | | | | |
| | | | | -moderate rusting | 3.05 | 4.42 | 1.37 | N110736 | 86 | 11 | 16 | 170 | <0.2 | |
| | | | | | 4.42 | 7.01 | 2.59 | N110737 | 46 | 4 | 12 | 96 | <0.2 | |
| | | | | | 7.01 | 7.92 | 0.91 | N110738 | 81 | 1 | 28 | 16 | 0.6 | |
| | | | | | 7.92 | 9.70 | 1.78 | N110739 | 22 | 2 | 14 | 66 | 0.2 | |
| 9.70 | 16.75 | 7.05 | MSRH | broken and rusted massive rhyolite | | | | | | | | | | |
| | | | | -some rusting on FR | 9.70 | 11.10 | 1.40 | N110740 | 91 | 4 | 42 | 286 | 0.2 | |
| | | | | | 11.10 | 12.04 | 0.94 | N110741 | 89 | 2 | 20 | 122 | <0.2 | |
| | | | | | 12.04 | 13.41 | 1.37 | N110742 | 100 | 3 | 22 | 106 | <0.2 | |
| | | | | | 13.41 | 14.94 | 1.53 | N110743 | 100 | 3 | 22 | 92 | <0.2 | |
| | | | | | 14.94 | 16.75 | 1.81 | N110744 | 97 | 2 | 70 | 152 | 0.2 | |
| 16.75 | 17.40 | 0.65 | PHAD | sheared porphyritic andesite | | | | | | | | | | |
| | | | | | 16.75 | 17.40 | 0.65 | N110745 | 92 | 5 | 42 | 78 | 0.2 | |
| 17.40 | 22.05 | 4.65 | AXRH | altered rhyolite | | | | | | | | | | |
| | | | | -rust coating on FR | 17.40 | 19.34 | 1.94 | N110746 | 94 | 3 | 130 | 596 | 0.6 | |
| | | | | | 19.34 | 20.57 | 1.23 | N110747 | 100 | 5 | 66 | 518 | 0.4 | |
| | | | | | 20.57 | 22.05 | 1.48 | N110748 | 88 | 3 | 24 | 172 | 0.2 | |
| 22.05 | 27.15 | 5.10 | AXRH | altered rhyolite | | | | | | | | | | |
| | | | | | 22.05 | 24.08 | 2.03 | N110530 | 80 | 21 | 60 | 338 | 0.2 | |
| | | | | | 24.08 | 26.60 | 2.52 | N110531 | 99 | 7 | 48 | 906 | 0.2 | |
| | | | | | 26.60 | 27.15 | 0.55 | N110532 | 69 | 5 | 34 | 3250 | 0.2 | |
| 27.15 | 29.50 | 2.35 | MSRH | rhyolite | | | | | | | | | | |
| | | | | -minor rusting on FR | 27.15 | 28.65 | 1.50 | N110533 | 98 | 7 | 166 | 5840 | 0.8 | |
| | | | | -trace SL | 28.65 | 29.50 | 0.85 | N110534 | 95 | 4 | 150 | 3310 | 0.6 | |
| 29.50 | 33.78 | 4.28 | AXAD | altered and deformed andesite | | | | | | | | | | |
| | | | | -minor rusting on FR | 29.50 | 30.18 | 0.68 | N110535 | 95 | 5 | 60 | 1450 | 0.2 | |
| | | | | -trace PY | 30.18 | 31.70 | 1.52 | N110536 | 100 | 5 | 16 | 528 | <0.2 | |
| | | | | | 31.70 | 33.22 | 1.52 | N110537 | 99 | 5 | 10 | 298 | <0.2 | |
| | | | | | 33.22 | 33.78 | 0.56 | N110538 | 98 | 9 | 6 | 272 | <0.2 | |

**SYNOPTIC LOG
FINLAYSON PROJECT**

Hole: LG96-04

Property: League

Page 2 of 4

EXPATRIATE RESOURCES LTD.

| From (m) | To (m) | Interval (m) | Unit | Comments | From (m) | To (m) | Interval (m) | Sample No. | REC % | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppm) | Au (ppb) |
|----------|--------|--------------|------|-----------------------------------|----------|--------|--------------|------------|-------|----------|----------|----------|----------|----------|
| 33.78 | 39.32 | 5.54 | MSAD | massive andesite | | | | | | | | | | |
| | | | | -trace PY | 33.78 | 36.27 | 2.49 | N110539 | 95 | 3 | 14 | 76 | <0.2 | |
| | | | | | 36.27 | 37.80 | 1.53 | N110749 | 100 | 3 | 34 | 108 | <0.2 | |
| | | | | | 37.80 | 39.32 | 1.52 | N110750 | 100 | 6 | 30 | 52 | <0.2 | |
| 39.32 | 45.75 | 6.43 | MSAD | massive andesite | | | | | | | | | | |
| 45.75 | 52.10 | 6.35 | AXAD | altered(?) andesite | | | | | | | | | | |
| | | | | -trace sulphides in quartz lenses | 45.75 | 46.63 | 0.88 | N110578 | 88 | 6 | 28 | 142 | <0.2 | |
| | | | | | 46.63 | 48.16 | 1.53 | N110579 | 91 | 3 | 256 | 136 | <0.2 | |
| | | | | | 48.16 | 49.68 | 1.52 | N110580 | 97 | 5 | 24 | 102 | <0.2 | |
| | | | | | 49.68 | 51.05 | 1.37 | N110581 | 100 | 4 | 16 | 74 | <0.2 | |
| | | | | | 51.05 | 52.10 | 1.05 | N110582 | 100 | 4 | 16 | 52 | <0.2 | |
| 52.10 | 54.80 | 2.70 | GGST | MSRH and MSAD gouge | | | | | | | | | | |
| | | | | | 52.10 | 54.80 | 2.70 | N110540 | 90 | 3 | 20 | 128 | <0.2 | |
| 54.80 | 56.12 | 1.32 | MSAD | massive andesite | | | | | | | | | | |
| | | | | -trace PY | 54.80 | 56.12 | 1.32 | N110583 | 93 | 4 | 20 | 62 | <0.2 | |
| 56.12 | 59.40 | 3.28 | MSRH | massive rhyolite | | | | | | | | | | |
| | | | | -trace PY | 56.12 | 57.61 | 1.49 | N110584 | 98 | 2 | 42 | 248 | <0.2 | |
| | | | | | 57.61 | 59.40 | 1.79 | N110585 | 97 | 1 | 16 | 82 | <0.2 | |
| 59.40 | 62.00 | 2.60 | AXRH | altered rhyolite | | | | | | | | | | |
| | | | | -trace PY, minor rusting | 59.40 | 62.00 | 2.60 | N110541 | 87 | 10 | 42 | 552 | 0.2 | |
| 62.00 | 65.90 | 3.90 | MSRH | massive rhyolite | | | | | | | | | | |
| | | | | -minor rusting | 62.00 | 63.75 | 1.75 | N110586 | 100 | 1 | 54 | 138 | <0.2 | |
| | | | | | 63.75 | 64.75 | 1.00 | N110587 | 100 | 1 | 24 | 182 | <0.2 | |
| | | | | | 64.75 | 65.90 | 1.15 | N110588 | 97 | 2 | 26 | 238 | <0.2 | |
| 65.90 | 70.65 | 4.75 | AXAD | altered and deformed andesite | | | | | | | | | | |
| | | | | | 65.90 | 67.33 | 1.43 | N110589 | 92 | 3 | 38 | 220 | <0.2 | |
| | | | | | 67.33 | 68.67 | 1.34 | N110590 | 100 | 3 | 28 | 42 | <0.2 | |
| | | | | | 68.67 | 70.65 | 1.98 | N110591 | 100 | 4 | 36 | 62 | <0.2 | |
| 70.65 | 75.25 | 4.60 | AXAD | altered and deformed andesite | | | | | | | | | | |
| | | | | | 70.65 | 71.64 | 0.99 | N110592 | 99 | 3 | 62 | 40 | <0.2 | |
| | | | | | 71.64 | 72.85 | 1.21 | N110593 | 99 | 3 | 38 | 38 | <0.2 | |
| | | | | | 72.85 | 74.03 | 1.18 | N110594 | 100 | 4 | 26 | 54 | <0.2 | |
| | | | | | 74.03 | 75.25 | 1.22 | N110595 | 96 | 4 | 32 | 34 | <0.2 | |

**SYNOPTIC LOG
FINLAYSON PROJECT**

Hole: LG96-04

Property: League

Page 3 of 4

EXPATRIATE RESOURCES LTD.

| From (m) | To (m) | Interval (m) | Unit | Comments | From (m) | To (m) | Interval (m) | Sample No. | REC % | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppm) | Au (ppb) |
|----------|--------|--------------|------|---------------------------------|----------|--------|--------------|------------|-------|----------|----------|----------|----------|----------|
| 75.25 | 77.88 | 2.63 | SHST | massive andesite, fault zone | | | | | | | | | | |
| | | | | | 75.25 | 76.96 | 1.71 | N110542 | 84 | NS | NS | NS | NS | |
| | | | | | 76.96 | 77.88 | 0.92 | N110543 | 80 | 4 | 38 | 36 | <0.2 | |
| 77.88 | 79.63 | 1.75 | MSAD | massive andesite | | | | | | | | | | |
| | | | | | 77.88 | 79.63 | 1.75 | N110596 | 100 | 3 | 26 | 24 | <0.2 | |
| 79.63 | 82.00 | 2.37 | MSAD | disrupted andesite | | | | | | | | | | |
| | | | | | 79.63 | 80.60 | 0.97 | N110597 | 95 | 4 | 20 | 18 | <0.2 | |
| | | | | | 80.60 | 82.00 | 1.40 | N110598 | 85 | 4 | 36 | 36 | <0.2 | |
| 82.00 | 105.92 | 23.92 | AXAD | altered and deformed andesite | | | | | | | | | | |
| | | | | -elongate flecks of PY | 82.00 | 83.52 | 1.52 | N110544 | 100 | 3 | 26 | 62 | <0.2 | |
| | | | | | 83.52 | 84.28 | 0.76 | N110545 | 87 | 3 | 36 | 54 | <0.2 | |
| | | | | | 84.28 | 85.80 | 1.52 | N110546 | 95 | 4 | 28 | 24 | <0.2 | |
| | | | | | 85.80 | 88.09 | 2.29 | N110547 | 98 | 3 | 18 | 8 | <0.2 | |
| | | | | | 88.09 | 89.61 | 1.52 | N110548 | 100 | 4 | 38 | 78 | <0.2 | |
| | | | | | 89.61 | 91.14 | 1.53 | N110549 | 100 | 4 | 40 | 68 | 0.2 | |
| | | | | | 91.14 | 92.66 | 1.52 | N110550 | 100 | 3 | 54 | 40 | <0.2 | |
| | | | | | 92.66 | 95.10 | 2.44 | N110601 | 98 | 3 | 20 | 22 | <0.2 | |
| | | | | | 95.10 | 97.84 | 2.74 | N110602 | 98 | 4 | 16 | 16 | <0.2 | |
| | | | | | 97.84 | 100.28 | 2.44 | N110603 | 100 | 4 | 14 | 18 | <0.2 | |
| | | | | | 100.28 | 103.33 | 3.05 | N110604 | 100 | 3 | 14 | 22 | <0.2 | |
| | | | | | 103.33 | 105.92 | 2.59 | N110605 | 100 | 3 | 12 | 8 | <0.2 | |
| 105.92 | 112.50 | 6.58 | AXAD | deformed andesite/fault | | | | | | | | | | |
| | | | | -minor rust on FR | 105.92 | 107.14 | 1.22 | N110606 | 95 | 10 | 38 | 50 | 0.6 | |
| | | | | | 107.14 | 109.88 | 2.74 | N110620 | 80 | 5 | 10 | 10 | <0.2 | |
| | | | | | 109.88 | 111.31 | 1.43 | N110599 | 90 | 4 | 10 | 6 | <0.2 | |
| | | | | | 111.31 | 112.50 | 1.19 | N110600 | 100 | 12 | 28 | 8 | 0.2 | |
| 112.50 | 116.80 | 4.30 | MSAD | massive andesite | | | | | | | | | | |
| | | | | -PY in quartz veinlets | 112.50 | 115.52 | 3.02 | N110607 | 98 | 37 | 16 | 24 | <0.2 | |
| | | | | | 115.52 | 116.80 | 1.28 | N110608 | 100 | 39 | 12 | 48 | <0.2 | |
| 116.80 | 124.85 | 8.05 | AXAD | altered andesite | | | | | | | | | | |
| | | | | -PY and SL with quartz veinlets | 116.80 | 118.87 | 2.07 | N110609 | 99 | 11 | 8 | 10 | 0.2 | |
| | | | | | 118.87 | 120.09 | 1.22 | N110751 | 93 | 13 | 34 | 12 | 1.6 | |
| | | | | | 120.09 | 121.32 | 1.23 | N110752 | 100 | 13 | 382 | 780 | 3.6 | |

SYNOPTIC LOG
FINLAYSON PROJECT
 EXPATRIATE RESOURCES LTD.

Hole: LG96-04

Property: League

Page 4 of 4

| From (m) | To (m) | Interval (m) | Unit | Comments | From (m) | To (m) | Interval (m) | Sample No. | REC % | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppm) | Au (ppb) |
|----------|--------|--------------|------|---------------------------------------|----------|--------|--------------|------------|-------|----------|----------|----------|----------|----------|
| | | | | | 121.32 | 123.14 | 1.82 | N110753 | 76 | 13 | 378 | 390 | 3.2 | |
| | | | | | 123.14 | 124.85 | 1.71 | N110754 | 100 | 3 | 8 | 4 | <0.2 | |
| 124.85 | 127.50 | 2.65 | GGST | fault gouge of MSAD | | | | | | | | | | |
| | | | | | 124.85 | 126.19 | 1.34 | N110755 | 65 | 4 | 6 | 2 | <0.2 | |
| | | | | | 126.19 | 127.50 | 1.31 | N110756 | 67 | 2 | 8 | 4 | <0.2 | |
| 127.50 | 131.05 | 3.55 | AXAD | altered andesite | | | | | | | | | | |
| | | | | -trace disseminated PY | 127.50 | 128.32 | 0.82 | N110757 | 100 | 35 | 6 | 36 | <0.2 | |
| | | | | | 128.32 | 131.05 | 2.73 | N110610 | 100 | 5 | 8 | 2 | <0.2 | |
| 131.05 | 138.38 | 7.33 | MSAD | massive andesite | | | | | | | | | | |
| | | | | | 131.05 | 134.05 | 3.00 | N110758 | 100 | 65 | 8 | 74 | 0.2 | |
| 138.38 | 143.60 | 5.22 | MSAD | calcareous massive andesite | | | | | | | | | | |
| 143.60 | 144.63 | 1.03 | MSAD | deformed andesite | | | | | | | | | | |
| 144.63 | 147.37 | 2.74 | VCDC | volcaniclastic dacite with pelite | | | | | | | | | | |
| 147.37 | 151.40 | 4.03 | AXAD | altered andesite | | | | | | | | | | |
| | | | | -PY in quartz stringers | 147.37 | 150.11 | 2.74 | N110611 | 80 | 18 | 16 | 26 | <0.2 | |
| | | | | | 150.11 | 151.40 | 1.29 | N110612 | 100 | 57 | 34 | 8 | <0.2 | |
| 151.40 | 179.90 | 28.50 | MSAD | massive andesite | | | | | | | | | | |
| | | | | -PY in diffuse quartz veinlets/sweats | 151.40 | 152.90 | 1.50 | N110759 | 100 | 79 | 22 | 10 | <0.2 | |
| | | | | | 152.90 | 154.32 | 1.42 | N110760 | 100 | 72 | 28 | 12 | <0.2 | |
| | | | | | 176.90 | 178.40 | 1.50 | N110761 | 100 | 56 | 8 | 72 | <0.2 | |
| | | | | | 178.40 | 179.90 | 1.50 | N110762 | 100 | 47 | 2 | 62 | <0.2 | |
| 179.90 | 180.50 | 0.60 | AXAD | altered andesite | | | | | | | | | | |
| | | | | -trace PY in quartz bands | 179.90 | 180.50 | 0.60 | N110613 | 100 | 17 | 26 | 4 | 0.2 | |
| 180.50 | 185.62 | 5.12 | FLST | mixed AXAD and SLMS in fault zone | | | | | | | | | | |
| | | | | | 180.50 | 181.15 | 0.65 | N110614 | 100 | 34 | 22 | 80 | 0.6 | |
| | | | | | 181.15 | 181.60 | 0.45 | N110615 | 100 | 5 | 12 | 44 | <0.2 | |
| | | | | | 181.60 | 184.30 | 2.70 | N110616 | 80 | 32 | 22 | 122 | 0.2 | |
| | | | | | 184.30 | 184.95 | 0.65 | N110617 | 95 | 66 | 14 | 304 | <0.2 | |
| | | | | | 184.95 | 185.62 | 0.67 | N110618 | 100 | 78 | 38 | 270 | <0.2 | |
| 185.62 | 192.02 | 6.40 | FLST | fault zone of graphitic mudstone | | | | | | | | | | |
| | | | | | 187.76 | 189.89 | 2.13 | N110619 | 95 | 68 | 22 | 144 | 1.2 | |
| | | | | EOH | | | | | | | | | | |

**SYNOPTIC LOG
FINLAYSON PROJECT**

EXPATRIATE RESOURCES LTD.

Hole: LG96-05 Property: League

Page 1 of 5

Easting: 406553 Northing: 6822184 Elevation: 1525 Depth: 204.22

Logged by: Greg Bell
Drilling Dates: June 24-27, 1996

| Depth | Azimuth | Dip | Method |
|--------|---------|-----|---------|
| 0.00 | 325 | -60 | Brunton |
| 204.22 | | -65 | Acid |

| From (m) | To (m) | Interval (m) | Unit | Comments | From (m) | To (m) | Interval (m) | Sample No. | REC % | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppm) | Au (ppb) |
|----------|--------|--------------|------|--|----------|--------|--------------|------------|-------|----------|----------|----------|----------|----------|
| 0.00 | 6.71 | 6.71 | CSDH | casing | | | | | | | | | | |
| 6.71 | 20.25 | 13.54 | AXAD | altered andesite | | | | | | | | | | |
| | | | | -rusting on FR | 6.71 | 8.53 | 1.82 | N110621 | 31 | 40 | 8 | 26 | <0.2 | |
| | | | | -trace SL and PY in calcite stringers | 8.53 | 9.75 | 1.22 | N110622 | 100 | 53 | 44 | 296 | 0.2 | |
| | | | | | 9.75 | 11.73 | 1.98 | N110623 | 86 | 53 | 22 | 620 | <0.2 | |
| | | | | | 11.73 | 13.41 | 1.68 | N110624 | 38 | 48 | 12 | 78 | 0.2 | |
| | | | | | 13.41 | 14.94 | 1.53 | N110625 | 23 | 30 | 8 | 56 | <0.2 | |
| | | | | | 14.94 | 16.46 | 1.52 | N110626 | 19 | 37 | 4 | 34 | <0.2 | |
| | | | | | 16.46 | 18.00 | 1.54 | N110627 | 36 | 39 | 42 | 142 | 0.2 | |
| | | | | | 18.00 | 20.25 | 2.25 | N110628 | 93 | 56 | 2 | 180 | <0.2 | |
| 20.25 | 22.70 | 2.45 | AXAD | mixed altered andesite | | | | | | | | | | |
| | | | | -minor rusting, SX with quartz veinlets | 20.25 | 22.70 | 2.45 | N110629 | 100 | 35 | 6 | 52 | 0.8 | |
| 22.70 | 24.60 | 1.90 | AXAD | altered andesite | | | | | | | | | | |
| | | | | -PY disseminated in calcite veinlets | 22.70 | 24.60 | 1.90 | N110630 | 100 | 34 | 16 | 16 | <0.2 | |
| 24.60 | 26.20 | 1.60 | AXAD | altered andesite (green brown) | | | | | | | | | | |
| | | | | | 24.60 | 26.20 | 1.60 | N110631 | 100 | 45 | <2 | 50 | <0.2 | |
| 26.20 | 29.50 | 3.30 | VCAD | volcaniclastic andesite with qtz veining | | | | | | | | | | |
| | | | | -minor SX streaks in foliation | 26.20 | 27.85 | 1.65 | N110632 | 40 | 16 | 8 | 6 | <0.2 | |
| | | | | | 27.85 | 29.50 | 1.65 | N110633 | 10 | 3 | 14 | 6 | <0.2 | |
| 29.50 | 38.35 | 8.85 | VCAD | bedded volcaniclastic andesite | | | | | | | | | | |
| | | | | -PY as fine streaks | 29.50 | 32.16 | 2.66 | N110634 | 45 | 3 | 20 | 14 | <0.2 | |
| | | | | | 32.16 | 34.75 | 2.59 | N110635 | 95 | 4 | 64 | 76 | <0.2 | |
| | | | | | 34.75 | 37.43 | 2.68 | N110636 | 78 | 3 | 26 | 8 | <0.2 | |
| | | | | | 37.43 | 38.35 | 0.92 | N110637 | 80 | 3 | 20 | 4 | <0.2 | |
| 38.35 | 56.40 | 18.05 | VCAD | volcaniclastic andesite | | | | | | | | | | |
| | | | | | 38.35 | 40.84 | 2.49 | N110638 | 70 | 4 | 22 | 10 | <0.2 | |
| | | | | | 40.84 | 42.67 | 1.83 | N110639 | 58 | 5 | 54 | 12 | <0.2 | |
| | | | | | 42.67 | 45.11 | 2.44 | N110640 | 81 | 3 | 20 | 6 | <0.2 | |
| | | | | | 45.11 | 47.24 | 2.13 | N110641 | 98 | 3 | 26 | 6 | <0.2 | |
| | | | | | 47.24 | 49.68 | 2.44 | N110642 | 86 | 3 | 16 | 12 | <0.2 | |
| | | | | | 49.68 | 52.58 | 2.90 | N110643 | 69 | 4 | 14 | 6 | <0.2 | |

**SYNOPTIC LOG
FINLAYSON PROJECT**

Hole: LG96-05

Property: League

Page 2 of 5

EXPATRIATE RESOURCES LTD.

| From (m) | To (m) | Interval (m) | Unit | Comments | From (m) | To (m) | Interval (m) | Sample No. | REC % | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppm) | Au (ppb) |
|----------|--------|--------------|------|--|----------|--------|--------------|------------|-------|----------|----------|----------|----------|----------|
| | | | | | 52.58 | 54.86 | 2.28 | N110644 | 100 | 3 | 22 | 8 | <0.2 | |
| | | | | | 54.86 | 56.40 | 1.54 | N110645 | 84 | 5 | 58 | 146 | 0.6 | |
| 56.40 | 58.10 | 1.70 | PHAD | porphyritic andesite | | | | | | | | | | |
| | | | | -trace PY streaks | 56.40 | 58.10 | 1.70 | N110646 | 72 | 3 | 24 | 50 | <0.2 | |
| 58.10 | 60.33 | 2.23 | AXAD | altered andesite | | | | | | | | | | |
| | | | | | 58.10 | 60.33 | 2.23 | N110647 | 99 | 4 | 46 | 10 | 0.2 | |
| 60.33 | 61.55 | 1.22 | AXAD | silicified andesite | | | | | | | | | | |
| | | | | -PY as thin wispy stringers | 60.33 | 61.55 | 1.22 | N110648 | 60 | 3 | 20 | 6 | <0.2 | |
| 61.55 | 65.75 | 4.20 | PHAD | massive andesite with phenocrysts | | | | | | | | | | |
| | | | | -minor disseminated PY | 61.55 | 63.55 | 2.00 | N110649 | 30 | 4 | 36 | 16 | <0.2 | |
| | | | | | 63.55 | 65.84 | 2.29 | N110650 | 63 | 4 | 42 | 8 | 0.4 | |
| 65.75 | 68.70 | 2.95 | MSRH | massive rhyolite | | | | | | | | | | |
| | | | | -PY in FR | 65.84 | 67.05 | 1.21 | N110651 | 73 | 6 | 52 | 16 | 2.0 | |
| | | | | | 67.05 | 68.70 | 1.65 | N110652 | 100 | 5 | 44 | 20 | 1.8 | |
| 68.70 | 74.20 | 5.50 | MSRH | massive rhyolite | | | | | | | | | | |
| | | | | -massive PY stringers | 68.70 | 69.95 | 1.25 | N110653 | 100 | 4 | 40 | 26 | 1.2 | |
| | | | | | 69.95 | 71.48 | 1.53 | N110654 | 75 | 2 | 22 | <2 | 0.6 | |
| | | | | | 71.48 | 73.00 | 1.52 | N110655 | 75 | 4 | 26 | 2 | 0.6 | |
| | | | | | 73.00 | 74.20 | 1.20 | N110656 | 100 | 4 | 36 | 2 | 0.8 | |
| 74.20 | 85.00 | 10.80 | AXRH | altered rhyolite with VCAD interbands | | | | | | | | | | |
| | | | | -trace PY stringers | 74.20 | 75.29 | 1.09 | N110657 | 100 | 7 | 42 | 4 | 1.4 | |
| | | | | | 75.29 | 75.80 | 0.51 | N110658 | 100 | 5 | 38 | 6 | 1.0 | |
| | | | | | 75.80 | 76.88 | 1.08 | N110659 | 100 | 4 | 44 | 4 | 1.2 | |
| | | | | | 76.88 | 78.03 | 1.15 | N110660 | 100 | 4 | 54 | 54 | 0.8 | |
| | | | | | 78.03 | 79.25 | 1.22 | N110661 | 90 | 5 | 52 | 6 | 1.2 | |
| | | | | | 79.25 | 81.08 | 1.83 | N110662 | 100 | 5 | 34 | 32 | 0.2 | |
| | | | | | 81.08 | 82.30 | 1.22 | N110663 | 74 | 5 | 74 | 4 | 1.2 | |
| | | | | | 82.30 | 85.00 | 2.70 | N110664 | 87 | 5 | 84 | 6 | 1.2 | |
| 85.00 | 90.20 | 5.20 | VCAD | volcaniclastic andesite mixed with felsite | | | | | | | | | | |
| | | | | | 85.00 | 87.17 | 2.17 | N110665 | 85 | 9 | 1790 | 6 | 4.4 | |
| | | | | | 87.17 | 90.20 | 3.03 | N110666 | 80 | 4 | 74 | 70 | 0.6 | |

**SYNOPTIC LOG
FINLAYSON PROJECT**

Hole: LG96-05

Property: League

Page 3 of 5

EXPATRIATE RESOURCES LTD.

| From (m) | To (m) | Interval (m) | Unit | Comments | From (m) | To (m) | Interval (m) | Sample No. | REC % | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppm) | Au (ppb) |
|----------|--------|--------------|------|-------------------------------------|----------|--------|--------------|------------|-------|----------|----------|----------|----------|----------|
| 90.20 | 95.40 | 5.20 | MSRH | massive rhyolite | | | | | | | | | | |
| | | | | -minor PY stringers | 90.20 | 92.81 | 2.61 | N110667 | 100 | 6 | 738 | 434 | 2.0 | |
| | | | | | 92.81 | 95.40 | 2.59 | N110668 | 100 | 17 | 232 | 5430 | 6.8 | |
| 95.40 | 101.35 | 5.95 | AXAD | altered andesite | | | | | | | | | | |
| | | | | -trace elongate PY crystals | 95.40 | 97.54 | 2.14 | N110669 | 99 | 4 | 36 | 16 | 0.2 | |
| | | | | | 97.54 | 99.06 | 1.52 | N110670 | 93 | 4 | 24 | 14 | <0.2 | |
| | | | | | 99.06 | 101.35 | 2.29 | N110671 | 100 | 3 | 16 | 2 | <0.2 | |
| 101.35 | 108.65 | 7.30 | PHAD | porphyritic andesite | | | | | | | | | | |
| | | | | -minor PY streaks | 101.35 | 103.63 | 2.28 | N110672 | 98 | 3 | 30 | 48 | <0.2 | |
| | | | | | 103.63 | 106.53 | 2.90 | N110673 | 98 | 2 | 32 | 6 | <0.2 | |
| | | | | | 106.53 | 108.65 | 2.12 | N110674 | 98 | 3 | 20 | 6 | <0.2 | |
| 108.65 | 115.22 | 6.57 | AXAD | altered andesite | | | | | | | | | | |
| | | | | -minor PY streaks | 108.65 | 111.10 | 2.45 | N110675 | 100 | 3 | 16 | 6 | <0.2 | |
| | | | | | 111.10 | 112.70 | 1.60 | N110676 | 100 | 12 | 24 | 4 | <0.2 | |
| | | | | | 112.70 | 114.30 | 1.60 | N110677 | 84 | 3 | 20 | 2 | <0.2 | |
| | | | | | 114.30 | 115.22 | 0.92 | N110678 | 100 | 4 | 20 | 2 | <0.2 | |
| 115.22 | 116.90 | 1.68 | AXAD | andesite flooded with qtz-sulphides | | | | | | | | | | |
| | | | | -quartz-calcite-SX bands | 115.22 | 116.90 | 1.68 | N110679 | 90 | 4 | 34 | 2 | <0.2 | |
| 116.90 | 124.75 | 7.85 | AXAD | altered andesite | | | | | | | | | | |
| | | | | -minor elongate PY streaks | 116.90 | 118.87 | 1.97 | N110680 | 100 | 4 | 14 | <2 | <0.2 | |
| | | | | | 118.87 | 121.31 | 2.44 | N110681 | 100 | 4 | 14 | <2 | <0.2 | |
| | | | | | 121.31 | 123.03 | 1.72 | N110682 | 100 | 4 | 12 | <2 | <0.2 | |
| | | | | | 123.03 | 124.75 | 1.72 | N110683 | 99 | 4 | 12 | <2 | <0.2 | |
| 124.75 | 128.22 | 3.47 | MSAD | calcareous massive andesite | | | | | | | | | | |
| | | | | -calcite-quartz-PY stringers | 124.75 | 126.34 | 1.59 | N110684 | 89 | 45 | 4 | 46 | <0.2 | |
| | | | | | 126.34 | 128.22 | 1.88 | N110685 | 100 | 48 | 2 | 62 | <0.2 | |
| 128.22 | 131.77 | 3.55 | MSAD | massive andesite | | | | | | | | | | |
| | | | | | 128.22 | 129.69 | 1.47 | N110686 | 100 | 43 | <2 | 62 | <0.2 | |
| | | | | | 129.69 | 131.77 | 2.08 | N110687 | 100 | 32 | <2 | 62 | <0.2 | |
| 131.77 | 134.30 | 2.53 | AXAD | altered andesite | | | | | | | | | | |
| | | | | | 131.77 | 134.30 | 2.53 | N110688 | 100 | 40 | 2 | 56 | <0.2 | |

SYNOPTIC LOG
FINLAYSON PROJECT
 EXPATRIATE RESOURCES LTD.

Hole: LG96-05

Property: League

Page 4 of 5

| From (m) | To (m) | Interval (m) | Unit | Comments | From (m) | To (m) | Interval (m) | Sample No. | REC % | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppm) | Au (ppb) |
|----------|--------|--------------|------|--------------------------------|----------|--------|--------------|------------|-------|----------|----------|----------|----------|----------|
| 134.30 | 140.17 | 5.87 | AXAD | altered andesite | | | | | | | | | | |
| | | | | -PY in quartz veins | 134.30 | 137.16 | 2.86 | N110689 | 100 | 63 | 12 | 2 | 0.2 | |
| | | | | -rare PY veins | 137.16 | 138.67 | 1.51 | N110690 | 100 | 8 | 30 | 2 | <0.2 | |
| | | | | | 138.67 | 140.17 | 1.50 | N110691 | 82 | 6 | 28 | 0 | <0.2 | |
| 140.17 | 141.77 | 1.60 | AXAD | banded andesite | | | | | | | | | | |
| | | | | -quartz-SX bands | 140.17 | 141.77 | 1.60 | N110692 | 95 | 43 | 164 | 486 | 1.0 | |
| 141.77 | 162.35 | 20.58 | MSAD | massive andesite | | | | | | | | | | |
| | | | | -minor PY flecks | 141.77 | 143.28 | 1.51 | N110693 | 93 | 4 | 16 | 60 | <0.2 | |
| | | | | | 143.28 | 144.78 | 1.50 | N110694 | 93 | 29 | 14 | 260 | <0.2 | |
| | | | | | 144.78 | 146.30 | 1.52 | N110695 | 100 | 5 | 20 | 16 | <0.2 | |
| | | | | | 146.30 | 148.89 | 2.59 | N110696 | 100 | 3 | 16 | 16 | <0.2 | |
| | | | | | 148.89 | 150.65 | 1.76 | N110697 | 100 | 4 | 20 | 20 | <0.2 | |
| | | | | | 150.65 | 152.40 | 1.75 | N110698 | 74 | 4 | 22 | 14 | <0.2 | |
| | | | | | 152.40 | 154.99 | 2.59 | N110699 | 98 | 3 | 24 | 40 | <0.2 | |
| | | | | | 154.99 | 157.12 | 2.13 | N110700 | 100 | 3 | 38 | 86 | <0.2 | |
| | | | | | 157.12 | 159.90 | 2.78 | N110701 | 100 | 3 | 12 | 18 | <0.2 | |
| | | | | | 159.90 | 162.35 | 2.45 | N110702 | 95 | 3 | 8 | 14 | <0.2 | |
| 162.35 | 166.80 | 4.45 | AXAD | altered and faulted andesite | | | | | | | | | | |
| | | | | -minor euhedral PY crystals | 162.35 | 164.44 | 2.09 | N110703 | 95 | 3 | 12 | 8 | <0.2 | |
| | | | | | 164.44 | 166.80 | 2.36 | N110704 | 100 | 10 | 52 | 222 | <0.2 | |
| 166.80 | 168.06 | 1.26 | GRCH | graphitic chert in fault gouge | | | | | | | | | | |
| | | | | -PY in quartz veins | 166.80 | 168.06 | 1.26 | N110705 | 100 | 55 | 58 | 350 | 1.6 | |
| 168.06 | 174.34 | 6.28 | AXAD | altered and deformed andesite | | | | | | | | | | |
| | | | | | 168.06 | 170.23 | 2.17 | N110706 | 93 | 19 | 40 | 18 | <0.2 | |
| | | | | | 170.23 | 172.21 | 1.98 | N110707 | 93 | 4 | 10 | 22 | <0.2 | |
| | | | | | 172.21 | 174.34 | 2.13 | N110708 | 100 | 15 | 20 | 34 | <0.2 | |
| 174.34 | 177.35 | 4.01 | AXRH | altered rhyolite | | | | | | | | | | |
| | | | | -quartz-PY infilling fractures | 174.34 | 175.56 | 1.22 | N110709 | 98 | 3 | 126 | 226 | 0.6 | |
| | | | | | 175.56 | 177.35 | 1.79 | N110710 | 100 | 2 | 34 | 58 | 0.6 | |
| 177.35 | 181.28 | 2.93 | FLST | fault zone of MSAD | | | | | | | | | | |
| | | | | | 177.35 | 179.68 | 2.33 | N110711 | 99 | 10 | 34 | 32 | 0.2 | |
| | | | | | 179.68 | 181.28 | 1.60 | N110712 | 100 | 6 | 22 | 14 | <0.2 | |

**SYNOPTIC LOG
FINLAYSON PROJECT**

EXPATRIATE RESOURCES LTD.

Hole: LG96-06 Property: League

Page 1 of 2

Easting: 406730 Northing: 6821859 Elevation: 1547 Depth: 182.88

Logged by: Greg Bell
Drilling Dates: June 28-July 1, 1996

| Depth | Azimuth | Dip | Method |
|--------|---------|-----|---------|
| 0.00 | 328 | -60 | Brunton |
| 182.88 | | -64 | Acid |

| From (m) | To (m) | Interval (m) | Unit | Comments | From (m) | To (m) | Interval (m) | Sample No. | REC % | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ag (ppm) | Au (ppb) |
|----------|--------|--------------|------|--|----------|--------|--------------|------------|-------|----------|----------|----------|----------|----------|
| 0.00 | 9.14 | 9.14 | CSDH | casing | | | | | | | | | | |
| 9.14 | 13.72 | 4.58 | GRCH | broken and faulted chert | | | | | | | | | | |
| | | | | | 9.14 | 10.67 | 1.53 | N110716 | 33 | 14 | 74 | 24 | 1.6 | |
| | | | | | 10.67 | 11.28 | 0.61 | N110729 | 66 | 15 | 104 | 18 | 2 | |
| | | | | | 11.28 | 12.80 | 1.52 | N110717 | 37 | 44 | 76 | 140 | 1.4 | |
| | | | | | 12.80 | 13.72 | 0.92 | N110730 | 33 | 34 | 44 | 538 | 0.6 | |
| 13.72 | 19.70 | 5.98 | AXAD | altered andesite with fault gouge | | | | | | | | | | |
| | | | | -trace SX in calcite-quartz veinlets | 13.72 | 14.94 | 1.22 | N110718 | 78 | 61 | 6 | 112 | <0.2 | |
| | | | | | 14.94 | 15.85 | 0.91 | N110719 | 64 | 25 | 18 | 10 | 0.2 | |
| | | | | | 15.85 | 17.68 | 1.83 | N110731 | 60 | 43 | 32 | 24 | 1.4 | |
| | | | | | 17.68 | 19.70 | 2.02 | N110720 | 82 | 41 | 16 | 178 | <0.2 | |
| 19.70 | 23.15 | 3.45 | GRCH | weakly graphitic fault gouge | | | | | | | | | | |
| | | | | | 20.57 | 21.34 | 0.77 | N110721 | 47 | 28 | 22 | 84 | 0.2 | |
| | | | | | 21.34 | 22.71 | 1.37 | N110732 | 73 | 30 | 28 | 136 | 0.2 | |
| | | | | | 22.71 | 23.15 | 0.44 | N110722 | 100 | 30 | 22 | 132 | 0.2 | |
| 23.15 | 24.38 | 1.23 | AXAD | fault gouge | | | | | | | | | | |
| | | | | | 23.15 | 24.38 | 1.23 | N110723 | 41 | 7 | 28 | 86 | <0.2 | |
| 24.38 | 25.45 | 1.07 | GGST | fault gouge of GRMS and VCAD | | | | | | | | | | |
| | | | | | 24.38 | 25.45 | 1.07 | N110724 | 42 | 25 | 22 | 124 | <0.2 | |
| 25.45 | 35.50 | 10.05 | VCMS | volcaniclastic mudstone/dacite | | | | | | | | | | |
| | | | | -trace PY in calcite-quartz veins | 25.45 | 27.43 | 1.98 | N110725 | 100 | 10 | 22 | 12 | <0.2 | |
| 35.50 | 37.19 | 1.69 | GRMS | graphitic siliceous mudstone | | | | | | | | | | |
| 37.19 | 44.78 | 7.59 | SLMS | interbedded siltstone and mudstone | | | | | | | | | | |
| | | | | -PY and PO in calcite-quartz veins | 39.62 | 40.39 | 0.77 | N110726 | 100 | 53 | 6 | 8 | <0.2 | |
| | | | | | 40.39 | 42.06 | 1.67 | N110733 | 99 | 10 | 6 | 6 | <0.2 | |
| | | | | | 42.06 | 43.59 | 1.53 | N110727 | 96 | 12 | 6 | 6 | <0.2 | |
| | | | | | 43.59 | 44.78 | 1.19 | N110734 | 100 | 25 | 14 | 10 | <0.2 | |
| 44.78 | 47.64 | 2.86 | AXAD | mixed AXAD and SLMS | | | | | | | | | | |
| | | | | -PY in calcite-quartz and quartz veins | 44.78 | 45.57 | 0.79 | N110728 | 100 | 25 | 14 | 14 | 0.2 | |
| | | | | | 45.57 | 47.64 | 2.07 | N110735 | 100 | 42 | 30 | 190 | 0.8 | |
| 47.64 | 48.43 | 0.79 | GGST | black and grey fault gouge | | | | | | | | | | |

APPENDIX III
CERTIFICATES of ANALYSIS



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page : 1-A
Total Pa : 1
Certificate Date: 11-JUL-96
Invoice No. : I9622863
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9622863

| SAMPLE | PREP CODE | | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
|---------|-----------|-----|-----|------|-----|-----|-------|-----|------|------|-----|-----|-----|------|------|-----|------|------|------|-----|-----|
| | | | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| N110500 | 205 | 226 | 0.6 | 0.30 | 68 | 50 | < 0.5 | < 2 | 0.74 | 24.0 | 5 | 123 | 36 | 2.59 | < 10 | 1 | 0.13 | < 10 | 0.09 | 45 | 4 |

CERTIFICATION: Haut Bichler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Page : 1-B
Total Pa. : 1
Certificate Date: 11-JUL-96
Invoice No. : I9622863
P.O. Number :
Account : MPO

Project : LEAGUE
Comments:

CERTIFICATE OF ANALYSIS

A9622863

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---------|-----------|------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| N110500 | 205 226 | 0.02 | 44 | 520 | 40 | 8 | < 1 | 25 | < 0.01 | < 10 | < 10 | 10 | < 10 | 3530 |

CERTIFICATION: Hart Bichler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Page : 1-A
Total Pa : 1
Certificate Date: 12-JUL-96
Invoice No. : 19622896
P.O. Number :
Account : MPO

Project : LEAGUE
Comments:

CERTIFICATE OF ANALYSIS A9622896

| SAMPLE | PREP CODE | 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 | Mo ppm |
|---------|-----------|--------|------|--------|--------|--------|--------|-------|--------|--------|--------|--------|------|--------|--------|------|--------|--------|--------|--------|
| N112012 | 205 226 | 0.8 | 0.64 | 24 | 380 | < 0.5 | < 2 | 0.05 | < 0.5 | 1 | 230 | 1 | 0.76 | < 10 | < 1 | 0.49 | 30 | 0.04 | 15 | 1 |
| N112013 | 205 226 | 0.6 | 0.85 | 16 | 280 | < 0.5 | < 2 | 0.01 | < 0.5 | < 1 | 174 | 1 | 0.64 | < 10 | < 1 | 0.60 | 40 | 0.03 | 5 | 1 |
| N112014 | 205 226 | 0.6 | 0.49 | 26 | 220 | < 0.5 | < 2 | 0.01 | < 0.5 | 1 | 201 | 3 | 0.87 | < 10 | < 1 | 0.43 | 20 | 0.01 | 5 | 3 |
| N112015 | 205 226 | 0.6 | 0.69 | 26 | 300 | < 0.5 | < 2 | 0.02 | < 0.5 | 1 | 463 | 1 | 0.98 | < 10 | < 1 | 0.70 | 30 | 0.01 | 20 | 1 |
| N112016 | 205 226 | 0.8 | 1.10 | 34 | 360 | < 0.5 | < 2 | 0.02 | < 0.5 | < 1 | 161 | 1 | 0.95 | < 10 | 2 | 0.86 | 40 | 0.03 | 5 | 1 |
| N112017 | 205 226 | 2.0 | 0.62 | 54 | 780 | < 0.5 | < 2 | 0.01 | < 0.5 | 1 | 129 | 3 | 1.14 | < 10 | < 1 | 0.54 | 30 | 0.01 | 5 | 2 |
| N112018 | 205 226 | 3.0 | 0.41 | 52 | 290 | < 0.5 | < 2 | 0.01 | 0.5 | 1 | 201 | 7 | 1.09 | < 10 | < 1 | 0.41 | 10 | < 0.01 | 5 | 1 |
| N112019 | 205 226 | 1.0 | 0.40 | 34 | 130 | < 0.5 | < 2 | 0.11 | < 0.5 | 2 | 223 | 6 | 0.99 | < 10 | 1 | 0.32 | 10 | < 0.01 | 120 | 1 |
| N112020 | 205 226 | 1.8 | 0.49 | 48 | 130 | < 0.5 | < 2 | 0.07 | < 0.5 | 4 | 232 | 15 | 1.32 | < 10 | < 1 | 0.35 | 10 | < 0.01 | 120 | 1 |
| N112022 | 205 226 | 2.8 | 0.32 | 58 | 110 | < 0.5 | < 2 | 1.95 | 1.0 | 5 | 184 | 12 | 1.47 | < 10 | < 1 | 0.29 | < 10 | < 0.01 | 195 | 2 |
| N112023 | 205 226 | 0.6 | 0.25 | 26 | 90 | < 0.5 | < 2 | 3.61 | 0.5 | 1 | 155 | 3 | 0.90 | < 10 | < 1 | 0.28 | 10 | < 0.01 | 355 | 1 |
| N112024 | 205 226 | 0.6 | 0.24 | 20 | 90 | < 0.5 | < 2 | 4.28 | < 0.5 | 1 | 138 | 2 | 0.57 | < 10 | < 1 | 0.25 | 10 | 0.01 | 325 | 1 |
| N112025 | 205 226 | 0.8 | 0.44 | 30 | 120 | < 0.5 | < 2 | 2.52 | < 0.5 | 2 | 226 | 13 | 1.02 | < 10 | < 1 | 0.37 | 10 | < 0.01 | 195 | 1 |
| N112026 | 205 226 | 0.8 | 0.47 | 34 | 150 | < 0.5 | < 2 | 1.80 | 0.5 | 3 | 209 | 8 | 1.48 | < 10 | < 1 | 0.42 | 10 | < 0.01 | 155 | 3 |
| N112027 | 205 226 | 5.8 | 0.31 | 56 | 90 | < 0.5 | < 2 | 3.95 | 0.5 | 4 | 154 | 7 | 1.43 | < 10 | 1 | 0.27 | 10 | 0.01 | 395 | 1 |
| N112028 | 205 226 | 0.2 | 0.25 | 16 | 80 | < 0.5 | < 2 | 9.65 | < 0.5 | < 1 | 102 | 1 | 0.42 | < 10 | 1 | 0.17 | 10 | 0.03 | 935 | 1 |
| N112029 | 205 226 | 0.6 | 0.25 | 28 | 80 | < 0.5 | < 2 | 4.12 | 0.5 | 1 | 148 | 4 | 0.81 | < 10 | < 1 | 0.21 | 10 | 0.02 | 410 | 1 |
| N112030 | 205 226 | 0.6 | 0.38 | 30 | 140 | < 0.5 | < 2 | 1.80 | 0.5 | 2 | 223 | 6 | 1.26 | < 10 | 1 | 0.40 | 10 | < 0.01 | 155 | 2 |
| N112031 | 205 226 | 0.8 | 0.44 | 26 | 130 | < 0.5 | < 2 | 2.55 | 1.5 | 1 | 220 | 5 | 0.97 | < 10 | < 1 | 0.46 | 10 | < 0.01 | 210 | 1 |
| N112032 | 205 226 | 0.6 | 0.61 | 32 | 130 | < 0.5 | < 2 | 0.73 | 0.5 | 1 | 306 | 11 | 0.76 | < 10 | < 1 | 0.44 | 10 | < 0.01 | 80 | 1 |
| N112033 | 205 226 | 1.6 | 0.83 | 50 | 110 | < 0.5 | < 2 | 0.17 | 1.5 | 5 | 158 | 27 | 1.37 | < 10 | < 1 | 0.30 | 10 | < 0.01 | 60 | 2 |
| N112038 | 205 226 | 29.0 | 0.75 | 652 | 160 | < 0.5 | < 2 | 0.15 | 6.0 | 5 | 139 | 27 | 1.66 | < 10 | 1 | 0.55 | 10 | 0.01 | 40 | 5 |
| N112039 | 205 226 | 2.8 | 0.84 | 72 | 130 | < 0.5 | < 2 | 0.13 | 1.0 | 5 | 93 | 6 | 1.27 | < 10 | < 1 | 0.56 | 10 | 0.04 | 50 | 5 |
| N112048 | 205 226 | 0.2 | 1.67 | 18 | 190 | < 0.5 | < 2 | 9.66 | < 0.5 | 36 | 129 | 55 | 2.44 | < 10 | 1 | 0.77 | < 10 | 0.71 | 1175 | < 1 |
| N112049 | 205 226 | < 0.2 | 1.59 | 20 | 320 | < 0.5 | < 2 | 12.05 | < 0.5 | 42 | 101 | 67 | 1.66 | < 10 | 2 | 0.94 | < 10 | 0.44 | 1380 | < 1 |
| N112050 | 205 226 | < 0.2 | 3.65 | 8 | 160 | < 0.5 | < 2 | 7.25 | < 0.5 | 34 | 244 | 51 | 4.57 | < 10 | < 1 | 0.53 | < 10 | 3.05 | 910 | < 1 |
| N110451 | 205 226 | < 0.2 | 3.10 | < 2 | 90 | < 0.5 | < 2 | 2.27 | < 0.5 | 29 | 238 | 59 | 3.98 | < 10 | 4 | 0.16 | < 10 | 2.67 | 540 | < 1 |
| N110452 | 205 226 | < 0.2 | 2.58 | < 2 | 510 | < 0.5 | < 2 | 4.73 | < 0.5 | 35 | 238 | 70 | 3.83 | < 10 | 1 | 0.12 | < 10 | 1.95 | 760 | < 1 |
| N110453 | 205 226 | < 0.2 | 2.50 | 6 | 130 | < 0.5 | < 2 | 1.35 | < 0.5 | 29 | 216 | 60 | 3.59 | < 10 | 1 | 0.10 | < 10 | 2.21 | 485 | < 1 |
| N110454 | 205 226 | < 0.2 | 0.64 | 12 | 210 | 0.5 | < 2 | 2.39 | < 0.5 | 5 | 74 | 9 | 2.14 | < 10 | < 1 | 0.87 | 20 | 0.21 | 540 | 1 |
| N110455 | 205 226 | < 0.2 | 1.64 | 10 | 280 | 0.5 | < 2 | 4.28 | < 0.5 | 4 | 140 | 6 | 1.00 | < 10 | 1 | 1.34 | 50 | 0.15 | 370 | 2 |
| N110456 | 205 226 | 0.8 | 0.84 | 40 | 160 | < 0.5 | < 2 | 2.02 | < 0.5 | 5 | 107 | 11 | 1.50 | < 10 | < 1 | 0.74 | 30 | 0.06 | 305 | 2 |
| N110461 | 205 226 | < 0.2 | 1.60 | 12 | 170 | < 0.5 | < 2 | 3.40 | < 0.5 | 18 | 99 | 22 | 3.09 | < 10 | 1 | 1.00 | 30 | 0.17 | 1395 | 4 |
| N110462 | 205 226 | < 0.2 | 1.08 | 10 | 150 | < 0.5 | < 2 | 3.42 | < 0.5 | 6 | 186 | 11 | 2.33 | < 10 | 1 | 0.85 | 40 | 0.11 | 1085 | 3 |
| N110463 | 205 226 | 0.2 | 0.67 | 18 | 120 | < 0.5 | < 2 | 0.74 | < 0.5 | 6 | 113 | 10 | 3.62 | < 10 | < 1 | 0.59 | 30 | 0.14 | 535 | 4 |
| N110464 | 205 226 | 0.2 | 1.25 | 84 | 260 | < 0.5 | < 2 | 10.05 | < 0.5 | 24 | 207 | 36 | 3.27 | < 10 | < 1 | 0.57 | < 10 | 1.21 | 1850 | < 1 |
| N110465 | 205 226 | 0.2 | 0.59 | 108 | 90 | < 0.5 | < 2 | 4.57 | < 0.5 | 11 | 159 | 21 | 4.78 | < 10 | < 1 | 0.53 | < 10 | 0.57 | 1735 | 3 |
| N110466 | 205 226 | < 0.2 | 0.63 | 14 | 280 | < 0.5 | < 2 | 2.00 | < 0.5 | 7 | 235 | 12 | 0.41 | < 10 | < 1 | 0.53 | 30 | 0.04 | 190 | 2 |
| N110467 | 205 226 | < 0.2 | 0.47 | 2 | 170 | < 0.5 | < 2 | 2.80 | < 0.5 | 2 | 261 | 1 | 0.64 | < 10 | < 1 | 0.39 | 20 | 0.02 | 250 | 1 |

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page 1 : 1-B
Total Pages : 1
Certificate Date: 12-JUL-96
Invoice No. : I9622896
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9622896

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---------|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| N112012 | 205 226 | < 0.01 | 4 | 140 | 24 | < 2 | < 1 | 28 | < 0.01 | < 10 | < 10 | 1 | < 10 | 14 |
| N112013 | 205 226 | < 0.01 | 2 | 100 | 20 | < 2 | < 1 | 15 | < 0.01 | < 10 | < 10 | 1 | < 10 | 12 |
| N112014 | 205 226 | < 0.01 | 4 | 130 | 22 | < 2 | < 1 | 12 | < 0.01 | < 10 | < 10 | 1 | < 10 | 10 |
| N112015 | 205 226 | 0.01 | 6 | 140 | 34 | < 2 | < 1 | 20 | < 0.01 | < 10 | < 10 | 1 | < 10 | 24 |
| N112016 | 205 226 | 0.01 | 2 | 130 | 44 | < 2 | 1 | 17 | < 0.01 | < 10 | < 10 | 3 | < 10 | 12 |
| N112017 | 205 226 | < 0.01 | 3 | 140 | 62 | < 2 | < 1 | 17 | < 0.01 | < 10 | < 10 | 1 | < 10 | 4 |
| N112018 | 205 226 | < 0.01 | 4 | 110 | 112 | < 2 | < 1 | 8 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 234 |
| N112019 | 205 226 | < 0.01 | 7 | 270 | 210 | < 2 | < 1 | 7 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 96 |
| N112020 | 205 226 | < 0.01 | 10 | 390 | 238 | 2 | 1 | 7 | < 0.01 | < 10 | < 10 | 1 | < 10 | 86 |
| N112022 | 205 226 | < 0.01 | 13 | 230 | 314 | 2 | 1 | 90 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 124 |
| N112023 | 205 226 | 0.01 | 5 | 200 | 22 | < 2 | < 1 | 110 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 68 |
| N112024 | 205 226 | 0.01 | 4 | 190 | 18 | < 2 | 1 | 134 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 46 |
| N112025 | 205 226 | < 0.01 | 8 | 310 | 36 | < 2 | 1 | 60 | < 0.01 | < 10 | < 10 | 1 | < 10 | 82 |
| N112026 | 205 226 | < 0.01 | 8 | 220 | 34 | 2 | < 1 | 82 | < 0.01 | < 10 | < 10 | 1 | < 10 | 140 |
| N112027 | 205 226 | 0.03 | 11 | 220 | 3950 | 6 | 3 | 132 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 90 |
| N112028 | 205 226 | 0.01 | 3 | 130 | 42 | 2 | 4 | 319 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 40 |
| N112029 | 205 226 | 0.02 | 5 | 190 | 38 | < 2 | 1 | 151 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 82 |
| N112030 | 205 226 | < 0.01 | 7 | 220 | 24 | < 2 | < 1 | 80 | < 0.01 | < 10 | < 10 | 1 | < 10 | 252 |
| N112031 | 205 226 | < 0.01 | 7 | 210 | 30 | 2 | 1 | 102 | < 0.01 | < 10 | < 10 | 1 | < 10 | 252 |
| N112032 | 205 226 | < 0.01 | 12 | 380 | 26 | < 2 | < 1 | 37 | < 0.01 | < 10 | < 10 | 1 | < 10 | 142 |
| N112033 | 205 226 | < 0.01 | 26 | 600 | 42 | 6 | < 1 | 11 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 354 |
| N112038 | 205 226 | < 0.01 | 13 | 390 | 1810 | 30 | < 1 | 10 | < 0.01 | < 10 | < 10 | 1 | < 10 | 2010 |
| N112039 | 205 226 | < 0.01 | 16 | 430 | 56 | 6 | < 1 | 10 | < 0.01 | < 10 | < 10 | 1 | < 10 | 236 |
| N112048 | 205 226 | < 0.01 | 132 | 320 | 22 | 4 | 3 | 194 | < 0.01 | < 10 | < 10 | 25 | < 10 | 190 |
| N112049 | 205 226 | < 0.01 | 157 | 350 | 2 | 2 | 4 | 206 | < 0.01 | < 10 | < 10 | 24 | < 10 | 26 |
| N112050 | 205 226 | < 0.01 | 169 | 270 | 2 | 2 | 11 | 135 | < 0.01 | < 10 | < 10 | 59 | < 10 | 122 |
| N110451 | 205 226 | < 0.01 | 122 | 280 | < 2 | < 2 | 6 | 34 | 0.35 | < 10 | < 10 | 64 | < 10 | 56 |
| N110452 | 205 226 | 0.03 | 128 | 320 | < 2 | < 2 | 5 | 78 | 0.34 | < 10 | < 10 | 63 | < 10 | 190 |
| N110453 | 205 226 | 0.02 | 112 | 300 | < 2 | < 2 | 4 | 20 | 0.31 | < 10 | < 10 | 52 | < 10 | 44 |
| N110454 | 205 226 | < 0.01 | 14 | 790 | 14 | < 2 | 1 | 62 | < 0.01 | < 10 | < 10 | 3 | < 10 | 16 |
| N110455 | 205 226 | < 0.01 | 11 | 790 | 16 | < 2 | 3 | 110 | < 0.01 | < 10 | < 10 | 6 | < 10 | 2 |
| N110456 | 205 226 | < 0.01 | 8 | 790 | 56 | < 2 | 1 | 56 | < 0.01 | < 10 | < 10 | 3 | < 10 | 22 |
| N110461 | 205 226 | 0.01 | 51 | 470 | 14 | 2 | 3 | 54 | < 0.01 | < 10 | < 10 | 17 | < 10 | 18 |
| N110462 | 205 226 | < 0.01 | 25 | 370 | 40 | < 2 | 1 | 75 | < 0.01 | < 10 | < 10 | 3 | < 10 | 6 |
| N110463 | 205 226 | < 0.01 | 33 | 400 | 46 | < 2 | < 1 | 17 | < 0.01 | < 10 | < 10 | 1 | < 10 | 6 |
| N110464 | 205 226 | < 0.01 | 111 | 250 | 12 | 4 | 4 | 243 | < 0.01 | < 10 | < 10 | 19 | < 10 | 26 |
| N110465 | 205 226 | < 0.01 | 39 | 300 | 30 | < 2 | 3 | 145 | < 0.01 | < 10 | < 10 | 8 | < 10 | 14 |
| N110466 | 205 226 | < 0.01 | 9 | 160 | 24 | < 2 | 1 | 66 | < 0.01 | < 10 | < 10 | 6 | < 10 | 2 |
| N110467 | 205 226 | < 0.01 | 5 | 90 | 12 | < 2 | < 1 | 97 | < 0.01 | < 10 | < 10 | 1 | < 10 | 8 |

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Page No. : 1-B
 Total Page : 1
 Certificate Date: 11-JUL-96
 Invoice No. : 19622901
 P.O. Number :
 Account : MPO

Project : LEAGUE
 Comments:

CERTIFICATE OF ANALYSIS

A9622901

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---------|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| N110481 | 205 226 | 0.01 | 57 | 500 | 74 | 2 | 4 | 140 | < 0.01 | < 10 | < 10 | 9 | < 10 | 2 |
| N110482 | 205 226 | < 0.01 | 86 | 690 | 54 | 2 | 4 | 86 | < 0.01 | < 10 | < 10 | 11 | < 10 | 6 |
| N110483 | 205 226 | < 0.01 | 64 | 670 | 10 | < 2 | 6 | 123 | < 0.01 | < 10 | < 10 | 15 | < 10 | 10 |
| N110484 | 205 226 | < 0.01 | 77 | 700 | 44 | 2 | 4 | 108 | < 0.01 | < 10 | < 10 | 11 | < 10 | 8 |
| N110488 | 205 226 | < 0.01 | 55 | 650 | 36 | 2 | 3 | 67 | < 0.01 | < 10 | < 10 | 10 | < 10 | 44 |
| N110489 | 205 226 | 0.01 | 42 | 570 | 26 | < 2 | 6 | 163 | < 0.01 | < 10 | < 10 | 11 | < 10 | 6 |
| N110490 | 205 226 | 0.01 | 37 | 460 | 18 | < 2 | 8 | 188 | < 0.01 | < 10 | < 10 | 14 | < 10 | 12 |
| N110491 | 205 226 | 0.01 | 42 | 580 | 22 | < 2 | 6 | 167 | < 0.01 | < 10 | < 10 | 8 | < 10 | 14 |
| N110492 | 205 226 | < 0.01 | 30 | 400 | 10 | < 2 | 4 | 129 | < 0.01 | < 10 | < 10 | 7 | < 10 | 88 |
| N110493 | 205 226 | < 0.01 | 168 | 700 | 108 | 4 | 3 | 35 | < 0.01 | < 10 | < 10 | 17 | < 10 | 6 |
| N110494 | 205 226 | < 0.01 | 32 | 430 | 28 | < 2 | 3 | 91 | < 0.01 | < 10 | < 10 | 5 | < 10 | 6 |
| N110495 | 205 226 | 0.01 | 48 | 570 | 30 | < 2 | 6 | 145 | < 0.01 | < 10 | < 10 | 12 | < 10 | 8 |
| N110497 | 205 226 | < 0.01 | 77 | 260 | 36 | < 2 | 1 | 106 | < 0.01 | < 10 | < 10 | 5 | < 10 | 498 |
| N110498 | 205 226 | 0.01 | 126 | 290 | 2 | < 2 | 10 | 134 | < 0.01 | < 10 | < 10 | 48 | < 10 | 308 |
| N110499 | 205 226 | 0.01 | 225 | 310 | 14 | < 2 | 5 | 200 | < 0.01 | < 10 | < 10 | 11 | < 10 | 288 |

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

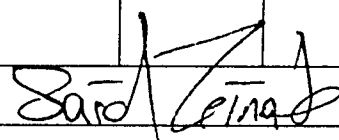
EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Page : 1
Total Pages : 1
Certificate Date : 09-JUL-96
Invoice No. : I9622904
P.O. Number :
Account : MPO

Project : LEAGUE
Comments :

CERTIFICATE OF ANALYSIS A9622904

| SAMPLE | PREP CODE | Au ppb FA+AA | Ag oz/T | Cu % | Pb % | Zn % | | | | | | |
|---------|-----------|--------------|---------|------|--------|------|--|--|--|--|--|--|
| N110485 | 208 226 | 15 | 0.02 | 0.01 | < 0.01 | 0.01 | | | | | | |
| N110486 | 208 226 | 10 | 0.06 | 0.01 | 0.02 | 0.39 | | | | | | |
| N110487 | 208 226 | 10 | 0.08 | 0.01 | 0.04 | 0.73 | | | | | | |
| N110496 | 208 226 | 25 | 0.03 | 0.01 | 0.01 | 0.05 | | | | | | |

CERTIFICATION: 



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page : 1-A
Total Pages : 3
Certificate Date: 25-JUL-96
Invoice No. : 19624463
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9624463

| SAMPLE | PREP CODE | 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 | Mo ppm |
|------------------|-----------|--------|------|--------|--------|--------|--------|-------|--------|--------|--------|--------|------|--------|--------|------|--------|--------|--------|--------|
| LG 96-05 N110621 | 205 226 | < 0.2 | 0.57 | 16 | 510 | < 0.5 | < 2 | 5.11 | < 0.5 | 27 | 91 | 40 | 1.86 | < 10 | < 1 | 0.48 | < 10 | 0.14 | 2030 | 9 |
| LG 96-05 N110622 | 205 226 | 0.2 | 0.48 | 38 | 360 | < 0.5 | < 2 | 5.84 | 0.5 | 42 | 53 | 53 | 2.78 | < 10 | 1 | 0.46 | < 10 | 0.11 | 2620 | < 1 |
| LG 96-05 N110623 | 205 226 | < 0.2 | 1.08 | 22 | 90 | < 0.5 | < 2 | 6.19 | 1.5 | 41 | 81 | 53 | 5.73 | < 10 | 1 | 0.68 | < 10 | 0.31 | 2880 | < 1 |
| LG 96-05 N110624 | 205 226 | 0.2 | 0.92 | 52 | 230 | < 0.5 | < 2 | 9.23 | < 0.5 | 32 | 67 | 48 | 4.15 | < 10 | < 1 | 0.47 | < 10 | 0.41 | 3710 | < 1 |
| LG 96-05 N110625 | 205 226 | < 0.2 | 2.09 | 36 | 100 | < 0.5 | < 2 | 8.66 | < 0.5 | 25 | 155 | 30 | 3.51 | < 10 | < 1 | 0.40 | < 10 | 1.31 | 1855 | < 1 |
| LG 96-05 N110626 | 205 226 | < 0.2 | 1.77 | 32 | 60 | < 0.5 | < 2 | 10.60 | < 0.5 | 18 | 109 | 37 | 3.04 | < 10 | < 1 | 0.28 | < 10 | 1.24 | 1675 | < 1 |
| LG 96-05 N110627 | 205 226 | 0.2 | 0.51 | 6 | 150 | < 0.5 | < 2 | 7.98 | < 0.5 | 21 | 56 | 39 | 4.23 | < 10 | 1 | 0.49 | 10 | 0.29 | 2890 | 3 |
| LG 96-05 N110628 | 205 226 | < 0.2 | 1.15 | 54 | 100 | < 0.5 | < 2 | 8.16 | < 0.5 | 39 | 90 | 56 | 3.80 | < 10 | 1 | 0.42 | < 10 | 0.57 | 3600 | < 1 |
| LG 96-05 N110629 | 205 226 | 0.8 | 1.57 | 54 | 130 | < 0.5 | < 2 | 6.32 | < 0.5 | 34 | 143 | 35 | 4.65 | < 10 | < 1 | 0.51 | < 10 | 1.48 | 1535 | < 1 |
| LG 96-05 N110630 | 205 226 | < 0.2 | 1.24 | 26 | 160 | < 0.5 | < 2 | 4.83 | < 0.5 | 25 | 110 | 34 | 3.76 | < 10 | < 1 | 0.35 | 10 | 1.34 | 1305 | < 1 |
| LG 96-05 N110631 | 205 226 | < 0.2 | 3.77 | 82 | 60 | < 0.5 | < 2 | 3.21 | < 0.5 | 42 | 327 | 45 | 4.99 | 10 | < 1 | 0.62 | < 10 | 4.65 | 1045 | < 1 |
| LG 96-05 N110632 | 205 226 | < 0.2 | 0.37 | 30 | 90 | < 0.5 | < 2 | 2.81 | < 0.5 | 8 | 94 | 16 | 0.94 | < 10 | < 1 | 0.32 | 10 | 0.14 | 445 | < 1 |
| LG 96-05 N110633 | 205 226 | < 0.2 | 0.25 | 8 | 80 | < 0.5 | < 2 | 1.30 | < 0.5 | 3 | 91 | 3 | 0.48 | < 10 | < 1 | 0.24 | 20 | 0.04 | 160 | 1 |
| LG 96-05 N110634 | 205 226 | < 0.2 | 0.37 | 10 | 100 | < 0.5 | < 2 | 0.98 | < 0.5 | 4 | 63 | 3 | 0.73 | < 10 | 1 | 0.36 | 20 | 0.04 | 150 | 1 |
| LG 96-05 N110635 | 205 226 | < 0.2 | 0.26 | 24 | 60 | < 0.5 | < 2 | 0.88 | < 0.5 | 3 | 36 | 4 | 0.89 | < 10 | < 1 | 0.30 | 30 | 0.03 | 145 | 1 |
| LG 96-05 N110636 | 205 226 | < 0.2 | 0.33 | 22 | 70 | < 0.5 | < 2 | 1.41 | < 0.5 | 3 | 47 | 3 | 1.17 | < 10 | < 1 | 0.35 | 20 | 0.03 | 220 | 2 |
| LG 96-05 N110637 | 205 226 | < 0.2 | 0.27 | 6 | 50 | < 0.5 | < 2 | 0.96 | < 0.5 | 3 | 46 | 3 | 0.74 | < 10 | < 1 | 0.35 | 10 | 0.03 | 165 | < 1 |
| LG 96-05 N110638 | 205 226 | < 0.2 | 0.34 | 16 | 60 | < 0.5 | < 2 | 1.32 | < 0.5 | 3 | 40 | 4 | 1.13 | < 10 | < 1 | 0.40 | 10 | 0.03 | 285 | < 1 |
| LG 96-05 N110639 | 205 226 | < 0.2 | 0.65 | 24 | 100 | < 0.5 | < 2 | 1.57 | < 0.5 | 4 | 138 | 5 | 1.52 | < 10 | < 1 | 0.55 | 10 | 0.06 | 285 | 4 |
| LG 96-05 N110640 | 205 226 | < 0.2 | 0.31 | 14 | 50 | < 0.5 | < 2 | 1.16 | < 0.5 | 3 | 59 | 3 | 0.73 | < 10 | < 1 | 0.37 | 10 | 0.02 | 230 | 4 |
| LG 96-05 N110641 | 205 226 | < 0.2 | 0.23 | 6 | 60 | < 0.5 | < 2 | 1.34 | < 0.5 | 2 | 33 | 3 | 0.64 | < 10 | < 1 | 0.31 | 10 | 0.02 | 240 | 9 |
| LG 96-05 N110642 | 205 226 | < 0.2 | 0.12 | 8 | 40 | < 0.5 | < 2 | 1.77 | < 0.5 | 3 | 26 | 3 | 0.60 | < 10 | < 1 | 0.19 | < 10 | < 0.01 | 295 | 1 |
| LG 96-05 N110643 | 205 226 | < 0.2 | 0.19 | 4 | 50 | < 0.5 | < 2 | 1.23 | < 0.5 | 3 | 46 | 4 | 0.56 | < 10 | < 1 | 0.27 | < 10 | 0.01 | 235 | < 1 |
| LG 96-05 N110644 | 205 226 | < 0.2 | 0.25 | 12 | 50 | < 0.5 | < 2 | 1.25 | < 0.5 | 3 | 45 | 3 | 0.86 | < 10 | < 1 | 0.32 | < 10 | 0.01 | 170 | 1 |
| LG 96-05 N110645 | 205 226 | 0.6 | 0.57 | 54 | 70 | < 0.5 | < 2 | 0.82 | < 0.5 | 3 | 173 | 5 | 1.94 | < 10 | < 1 | 0.41 | < 10 | 0.03 | 110 | 3 |
| LG 96-05 N110646 | 205 226 | < 0.2 | 0.31 | 14 | 50 | < 0.5 | < 2 | 0.64 | < 0.5 | 3 | 48 | 3 | 0.86 | < 10 | < 1 | 0.23 | < 10 | 0.01 | 65 | 3 |
| LG 96-05 N110647 | 205 226 | 0.2 | 0.21 | 28 | 100 | < 0.5 | < 2 | 0.81 | < 0.5 | 3 | 79 | 4 | 1.21 | < 10 | < 1 | 0.16 | < 10 | 0.01 | 75 | 6 |
| LG 96-05 N110648 | 205 226 | < 0.2 | 0.24 | 20 | 50 | < 0.5 | 2 | 1.95 | < 0.5 | 1 | 69 | 3 | 0.82 | < 10 | 1 | 0.18 | < 10 | 0.01 | 150 | 1 |
| LG 96-05 N110649 | 205 226 | < 0.2 | 0.26 | 30 | 40 | < 0.5 | < 2 | 1.32 | < 0.5 | 3 | 35 | 4 | 1.03 | < 10 | < 1 | 0.20 | < 10 | < 0.01 | 130 | 3 |
| LG 96-05 N110650 | 205 226 | 0.4 | 0.29 | 22 | 50 | < 0.5 | < 2 | 0.66 | < 0.5 | 3 | 32 | 4 | 1.05 | < 10 | < 1 | 0.26 | < 10 | 0.01 | 60 | 4 |
| LG 96-05 N110651 | 205 226 | 2.0 | 0.45 | 54 | 100 | < 0.5 | < 2 | 0.43 | < 0.5 | 5 | 99 | 6 | 1.77 | < 10 | 2 | 0.39 | 10 | 0.01 | 40 | 3 |
| LG 96-05 N110652 | 205 226 | 1.8 | 0.25 | 66 | 70 | < 0.5 | < 2 | 0.74 | < 0.5 | 5 | 108 | 5 | 1.88 | < 10 | < 1 | 0.20 | 10 | 0.01 | 55 | 2 |
| LG 96-05 N110653 | 205 226 | 1.2 | 0.28 | 54 | 110 | < 0.5 | < 2 | 0.19 | < 0.5 | 2 | 114 | 4 | 1.44 | < 10 | < 1 | 0.32 | 10 | < 0.01 | 15 | 1 |
| LG 96-05 N110654 | 205 226 | 0.6 | 0.20 | 24 | 100 | < 0.5 | < 2 | 0.47 | < 0.5 | 1 | 96 | 2 | 0.72 | < 10 | 1 | 0.20 | 10 | < 0.01 | 30 | 1 |
| LG 96-05 N110655 | 205 226 | 0.6 | 0.35 | 34 | 140 | < 0.5 | 2 | 0.57 | < 0.5 | 3 | 132 | 4 | 1.22 | < 10 | 1 | 0.35 | 10 | 0.01 | 35 | 1 |
| LG 96-05 N110656 | 205 226 | 0.8 | 0.16 | 50 | 80 | < 0.5 | < 2 | 0.65 | < 0.5 | 2 | 79 | 4 | 1.41 | < 10 | < 1 | 0.16 | < 10 | 0.01 | 40 | 1 |
| LG 96-05 N110657 | 205 226 | 1.4 | 0.30 | 82 | 70 | < 0.5 | 2 | 0.85 | < 0.5 | 3 | 88 | 7 | 2.73 | < 10 | 1 | 0.29 | < 10 | 0.01 | 55 | 3 |
| LG 96-05 N110658 | 205 226 | 1.0 | 0.17 | 52 | 60 | < 0.5 | < 2 | 2.83 | < 0.5 | 4 | 75 | 5 | 2.47 | < 10 | 1 | 0.15 | < 10 | 0.16 | 590 | 1 |
| LG 96-05 N110659 | 205 226 | 1.2 | 0.35 | 44 | 70 | < 0.5 | < 2 | 2.94 | < 0.5 | 3 | 82 | 4 | 1.38 | < 10 | 1 | 0.25 | < 10 | 0.02 | 145 | 4 |
| LG 96-05 N110660 | 205 226 | 0.8 | 0.23 | 42 | 60 | < 0.5 | < 2 | 0.96 | < 0.5 | 4 | 49 | 4 | 1.32 | < 10 | 1 | 0.23 | < 10 | 0.01 | 65 | 6 |

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page : :1-B
Total Pages : 3
Certificate Date: 25-JUL-96
Invoice No. : 19624463
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9624463

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|------------------|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| LG 96-05 N110621 | 205 226 | < 0.01 | 81 | 290 | 8 | 8 | 2 | 83 | < 0.01 | < 10 | < 10 | 11 | < 10 | 26 |
| LG 96-05 N110622 | 205 226 | < 0.01 | 146 | 350 | 44 | 4 | 2 | 88 | < 0.01 | < 10 | < 10 | 7 | < 10 | 296 |
| LG 96-05 N110623 | 205 226 | < 0.01 | 129 | 320 | 22 | < 2 | 4 | 91 | < 0.01 | < 10 | < 10 | 16 | < 10 | 620 |
| LG 96-05 N110624 | 205 226 | < 0.01 | 94 | 290 | 12 | < 2 | 4 | 158 | < 0.01 | < 10 | < 10 | 15 | < 10 | 78 |
| LG 96-05 N110625 | 205 226 | < 0.01 | 73 | 250 | 8 | 2 | 5 | 142 | < 0.01 | < 10 | < 10 | 30 | < 10 | 56 |
| LG 96-05 N110626 | 205 226 | < 0.01 | 66 | 240 | 4 | 8 | 4 | 194 | < 0.01 | < 10 | < 10 | 24 | < 10 | 34 |
| LG 96-05 N110627 | 205 226 | < 0.01 | 85 | 140 | 42 | 2 | 1 | 123 | < 0.01 | < 10 | < 10 | 5 | < 10 | 142 |
| LG 96-05 N110628 | 205 226 | < 0.01 | 131 | 290 | 2 | 8 | 3 | 120 | < 0.01 | < 10 | < 10 | 16 | < 10 | 180 |
| LG 96-05 N110629 | 205 226 | < 0.01 | 119 | 270 | 6 | 6 | 5 | 106 | < 0.01 | < 10 | < 10 | 28 | < 10 | 52 |
| LG 96-05 N110630 | 205 226 | < 0.01 | 114 | 210 | 16 | < 2 | 4 | 110 | < 0.01 | < 10 | < 10 | 21 | < 10 | 16 |
| LG 96-05 N110631 | 205 226 | < 0.01 | 258 | 210 | < 2 | 8 | 9 | 91 | 0.03 | < 10 | < 10 | 65 | < 10 | 50 |
| LG 96-05 N110632 | 205 226 | < 0.01 | 33 | 260 | 8 | 4 | < 1 | 71 | < 0.01 | < 10 | < 10 | 1 | < 10 | 6 |
| LG 96-05 N110633 | 205 226 | 0.01 | 3 | 240 | 14 | 2 | < 1 | 38 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 6 |
| LG 96-05 N110634 | 205 226 | < 0.01 | 2 | 340 | 20 | < 2 | < 1 | 31 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 14 |
| LG 96-05 N110635 | 205 226 | < 0.01 | 2 | 310 | 64 | < 2 | < 1 | 29 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 76 |
| LG 96-05 N110636 | 205 226 | 0.01 | 3 | 300 | 26 | 2 | < 1 | 45 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 8 |
| LG 96-05 N110637 | 205 226 | < 0.01 | 2 | 280 | 20 | 6 | < 1 | 24 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 4 |
| LG 96-05 N110638 | 205 226 | < 0.01 | 4 | 340 | 22 | < 2 | < 1 | 32 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 10 |
| LG 96-05 N110639 | 205 226 | < 0.01 | 9 | 280 | 54 | 4 | < 1 | 41 | < 0.01 | < 10 | < 10 | 1 | < 10 | 12 |
| LG 96-05 N110640 | 205 226 | < 0.01 | 7 | 310 | 20 | < 2 | < 1 | 26 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 6 |
| LG 96-05 N110641 | 205 226 | < 0.01 | 5 | 280 | 26 | < 2 | < 1 | 28 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 6 |
| LG 96-05 N110642 | 205 226 | < 0.01 | 3 | 300 | 16 | < 2 | < 1 | 35 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 12 |
| LG 96-05 N110643 | 205 226 | < 0.01 | 5 | 280 | 14 | 2 | < 1 | 33 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 6 |
| LG 96-05 N110644 | 205 226 | < 0.01 | 3 | 320 | 22 | 2 | < 1 | 31 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 8 |
| LG 96-05 N110645 | 205 226 | < 0.01 | 12 | 270 | 58 | 2 | < 1 | 22 | < 0.01 | < 10 | < 10 | 1 | < 10 | 146 |
| LG 96-05 N110646 | 205 226 | < 0.01 | 3 | 300 | 24 | 2 | < 1 | 22 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 50 |
| LG 96-05 N110647 | 205 226 | < 0.01 | 7 | 340 | 46 | < 2 | < 1 | 45 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 10 |
| LG 96-05 N110648 | 205 226 | < 0.01 | 3 | 230 | 20 | < 2 | < 1 | 75 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 6 |
| LG 96-05 N110649 | 205 226 | < 0.01 | 2 | 330 | 36 | < 2 | < 1 | 58 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 16 |
| LG 96-05 N110650 | 205 226 | < 0.01 | 5 | 340 | 42 | < 2 | < 1 | 26 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 8 |
| LG 96-05 N110651 | 205 226 | < 0.01 | 13 | 300 | 52 | < 2 | < 1 | 22 | < 0.01 | < 10 | < 10 | 1 | < 10 | 16 |
| LG 96-05 N110652 | 205 226 | < 0.01 | 14 | 280 | 44 | 4 | < 1 | 34 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 20 |
| LG 96-05 N110653 | 205 226 | < 0.01 | 10 | 230 | 40 | < 2 | < 1 | 8 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 26 |
| LG 96-05 N110654 | 205 226 | < 0.01 | 6 | 230 | 22 | < 2 | < 1 | 21 | < 0.01 | < 10 | < 10 | < 1 | < 10 | < 2 |
| LG 96-05 N110655 | 205 226 | 0.01 | 8 | 230 | 26 | < 2 | < 1 | 26 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 2 |
| LG 96-05 N110656 | 205 226 | < 0.01 | 9 | 240 | 36 | < 2 | < 1 | 30 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 2 |
| LG 96-05 N110657 | 205 226 | < 0.01 | 16 | 300 | 42 | < 2 | < 1 | 38 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 4 |
| LG 96-05 N110658 | 205 226 | < 0.01 | 18 | 230 | 38 | < 2 | < 1 | 120 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 6 |
| LG 96-05 N110659 | 205 226 | < 0.01 | 13 | 280 | 44 | < 2 | < 1 | 147 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 4 |
| LG 96-05 N110660 | 205 226 | < 0.01 | 9 | 380 | 54 | < 2 | < 1 | 44 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 54 |

CERTIFICATION:

Hunter Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Page : 2-A
 Total Pages : 3
 Certificate Date: 25-JUL-96
 Invoice No. : 19624463
 P.O. Number :
 Account : MPO

Project : LEAGUE
 Comments:

CERTIFICATE OF ANALYSIS A9624463

| SAMPLE | PREP CODE | | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
|------------------|-----------|-----|-------|------|-----|-----|-------|-----|------|-------|-----|-----|-----|------|------|-----|------|------|------|------|-----|
| | | | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| LG 96-05 N110661 | 205 | 226 | 1.2 | 0.39 | 72 | 70 | < 0.5 | < 2 | 0.42 | < 0.5 | 4 | 150 | 5 | 2.53 | < 10 | < 1 | 0.33 | 10 | 0.01 | 35 | 3 |
| LG 96-05 N110662 | 205 | 226 | 0.2 | 0.52 | 28 | 90 | < 0.5 | < 2 | 0.20 | < 0.5 | 4 | 75 | 5 | 1.18 | < 10 | < 1 | 0.38 | 10 | 0.01 | 20 | 6 |
| LG 96-05 N110663 | 205 | 226 | 1.2 | 0.62 | 56 | 100 | < 0.5 | < 2 | 0.42 | < 0.5 | 6 | 97 | 5 | 1.96 | < 10 | < 1 | 0.41 | 10 | 0.02 | 30 | 9 |
| LG 96-05 N110664 | 205 | 226 | 1.2 | 0.62 | 46 | 110 | < 0.5 | < 2 | 0.24 | < 0.5 | 5 | 69 | 5 | 1.59 | < 10 | < 1 | 0.37 | 10 | 0.02 | 25 | 8 |
| LG 96-05 N110665 | 205 | 226 | 4.4 | 0.76 | 108 | 40 | < 0.5 | 2 | 0.39 | < 0.5 | 7 | 138 | 9 | 4.39 | < 10 | < 1 | 0.34 | < 10 | 0.07 | 35 | 6 |
| LG 96-05 N110666 | 205 | 226 | 0.6 | 0.56 | 32 | 110 | < 0.5 | < 2 | 0.16 | < 0.5 | 4 | 57 | 4 | 1.26 | < 10 | < 1 | 0.40 | 10 | 0.02 | 20 | 5 |
| LG 96-05 N110667 | 205 | 226 | 2.0 | 0.47 | 74 | 80 | < 0.5 | < 2 | 0.57 | 1.5 | 5 | 151 | 6 | 2.40 | < 10 | < 1 | 0.29 | 10 | 0.03 | 45 | 5 |
| LG 96-05 N110668 | 205 | 226 | 6.8 | 0.36 | 150 | 40 | < 0.5 | < 2 | 0.34 | 18.0 | 6 | 93 | 17 | 4.01 | < 10 | 1 | 0.27 | < 10 | 0.01 | 35 | 8 |
| LG 96-05 N110669 | 205 | 226 | 0.2 | 0.45 | 26 | 60 | < 0.5 | < 2 | 1.31 | < 0.5 | 3 | 86 | 4 | 1.18 | < 10 | < 1 | 0.37 | 10 | 0.02 | 170 | 4 |
| LG 96-05 N110670 | 205 | 226 | < 0.2 | 0.47 | 20 | 60 | < 0.5 | < 2 | 1.94 | < 0.5 | 3 | 70 | 4 | 0.90 | < 10 | < 1 | 0.46 | 10 | 0.03 | 205 | 1 |
| LG 96-05 N110671 | 205 | 226 | < 0.2 | 0.45 | 14 | 160 | < 0.5 | < 2 | 2.13 | < 0.5 | 2 | 108 | 3 | 0.66 | < 10 | < 1 | 0.43 | 10 | 0.02 | 195 | 1 |
| LG 96-05 N110672 | 205 | 226 | < 0.2 | 0.53 | 44 | 80 | 0.5 | < 2 | 1.91 | < 0.5 | 3 | 77 | 3 | 0.80 | < 10 | < 1 | 0.51 | 10 | 0.04 | 160 | 1 |
| LG 96-05 N110673 | 205 | 226 | < 0.2 | 0.55 | 34 | 160 | < 0.5 | < 2 | 1.53 | < 0.5 | 3 | 110 | 2 | 1.10 | < 10 | < 1 | 0.47 | 10 | 0.04 | 130 | 2 |
| LG 96-05 N110674 | 205 | 226 | < 0.2 | 0.56 | 40 | 150 | 0.5 | < 2 | 1.39 | < 0.5 | 3 | 93 | 3 | 0.90 | < 10 | < 1 | 0.51 | 10 | 0.06 | 115 | 2 |
| LG 96-05 N110675 | 205 | 226 | < 0.2 | 0.53 | 34 | 110 | 0.5 | < 2 | 1.85 | < 0.5 | 3 | 119 | 3 | 0.75 | < 10 | < 1 | 0.50 | 20 | 0.05 | 155 | 1 |
| LG 96-05 N110676 | 205 | 226 | < 0.2 | 0.47 | 24 | 80 | < 0.5 | < 2 | 3.86 | < 0.5 | 6 | 99 | 12 | 1.07 | < 10 | < 1 | 0.46 | 20 | 0.10 | 510 | 1 |
| LG 96-05 N110677 | 205 | 226 | < 0.2 | 0.42 | 12 | 50 | 0.5 | < 2 | 2.84 | < 0.5 | 3 | 123 | 3 | 0.60 | < 10 | < 1 | 0.41 | 20 | 0.02 | 310 | 4 |
| LG 96-05 N110678 | 205 | 226 | < 0.2 | 0.45 | 34 | 60 | 0.5 | < 2 | 2.25 | < 0.5 | 3 | 68 | 4 | 0.73 | < 10 | < 1 | 0.43 | 10 | 0.02 | 270 | 1 |
| LG 96-05 N110679 | 205 | 226 | < 0.2 | 0.60 | 30 | 60 | 0.5 | < 2 | 3.25 | < 0.5 | 3 | 107 | 4 | 1.09 | < 10 | < 1 | 0.45 | 20 | 0.01 | 330 | 1 |
| LG 96-05 N110680 | 205 | 226 | < 0.2 | 0.69 | 10 | 70 | 0.5 | < 2 | 2.48 | < 0.5 | 3 | 90 | 4 | 0.92 | < 10 | < 1 | 0.50 | 40 | 0.03 | 320 | 1 |
| LG 96-05 N110681 | 205 | 226 | < 0.2 | 0.46 | 16 | 70 | < 0.5 | < 2 | 2.55 | < 0.5 | 2 | 73 | 4 | 1.22 | < 10 | < 1 | 0.54 | 30 | 0.02 | 555 | 1 |
| LG 96-05 N110682 | 205 | 226 | < 0.2 | 0.39 | 74 | 70 | < 0.5 | < 2 | 3.69 | < 0.5 | 3 | 74 | 4 | 1.54 | < 10 | < 1 | 0.50 | 10 | 0.03 | 770 | < 1 |
| LG 96-05 N110683 | 205 | 226 | < 0.2 | 0.40 | 12 | 100 | < 0.5 | < 2 | 2.78 | < 0.5 | 4 | 83 | 4 | 1.00 | < 10 | < 1 | 0.54 | 30 | 0.02 | 530 | 1 |
| LG 96-05 N110684 | 205 | 226 | < 0.2 | 2.28 | 18 | 140 | 0.5 | < 2 | 9.58 | 1.0 | 35 | 111 | 45 | 3.75 | 10 | < 1 | 0.47 | < 10 | 1.29 | 1615 | < 1 |
| LG 96-05 N110685 | 205 | 226 | < 0.2 | 3.58 | 32 | 100 | < 0.5 | 2 | 6.91 | 0.5 | 37 | 186 | 48 | 4.68 | 10 | < 1 | 0.26 | < 10 | 2.80 | 1075 | < 1 |
| LG 96-05 N110686 | 205 | 226 | < 0.2 | 4.88 | 20 | 910 | < 0.5 | < 2 | 4.33 | 1.0 | 37 | 335 | 43 | 5.54 | 10 | < 1 | 0.05 | < 10 | 5.15 | 955 | < 1 |
| LG 96-05 N110687 | 205 | 226 | 0.2 | 4.56 | 18 | 100 | < 0.5 | < 2 | 3.18 | 0.5 | 36 | 330 | 32 | 5.62 | 10 | < 1 | 0.03 | < 10 | 5.31 | 910 | < 1 |
| LG 96-05 N110688 | 205 | 226 | < 0.2 | 2.45 | 88 | 300 | 0.5 | 2 | 6.97 | 0.5 | 32 | 144 | 40 | 3.96 | 10 | < 1 | 0.27 | < 10 | 3.06 | 1765 | < 1 |
| LG 96-05 N110689 | 205 | 226 | 0.2 | 0.73 | 102 | 190 | < 0.5 | 2 | 3.56 | < 0.5 | 33 | 78 | 63 | 1.75 | < 10 | < 1 | 0.59 | < 10 | 0.12 | 520 | 1 |
| LG 96-05 N110690 | 205 | 226 | < 0.2 | 0.57 | 66 | 100 | < 0.5 | 2 | 2.32 | < 0.5 | 4 | 76 | 8 | 1.36 | < 10 | < 1 | 0.45 | 10 | 0.06 | 410 | 2 |
| LG 96-05 N110691 | 205 | 226 | < 0.2 | 0.46 | 22 | 100 | < 0.5 | < 2 | 3.35 | < 0.5 | 5 | 61 | 6 | 1.04 | < 10 | < 1 | 0.40 | 10 | 0.02 | 680 | 1 |
| LG 96-05 N110692 | 205 | 226 | 1.0 | 0.71 | 76 | 90 | 0.5 | < 2 | 4.31 | 1.5 | 47 | 80 | 43 | 4.17 | < 10 | < 1 | 0.55 | 10 | 0.04 | 1330 | 3 |
| LG 96-05 N110693 | 205 | 226 | < 0.2 | 1.50 | 2 | 100 | < 0.5 | 2 | 4.20 | 0.5 | 4 | 67 | 4 | 3.93 | 10 | < 1 | 0.36 | 40 | 0.43 | 1475 | 4 |
| LG 96-05 N110694 | 205 | 226 | < 0.2 | 1.68 | 30 | 120 | 0.5 | < 2 | 3.50 | 1.0 | 24 | 122 | 29 | 4.24 | < 10 | < 1 | 0.40 | 10 | 0.43 | 1485 | 2 |
| LG 96-05 N110695 | 205 | 226 | < 0.2 | 0.77 | 14 | 170 | < 0.5 | < 2 | 1.91 | < 0.5 | 3 | 105 | 5 | 1.00 | < 10 | < 1 | 0.55 | 50 | 0.06 | 265 | 1 |
| LG 96-05 N110696 | 205 | 226 | < 0.2 | 0.74 | 8 | 160 | < 0.5 | < 2 | 2.09 | < 0.5 | 3 | 70 | 3 | 1.19 | < 10 | < 1 | 0.44 | 40 | 0.14 | 280 | < 1 |
| LG 96-05 N110697 | 205 | 226 | < 0.2 | 0.82 | 18 | 170 | 0.5 | < 2 | 2.23 | < 0.5 | 3 | 89 | 4 | 1.77 | < 10 | < 1 | 0.43 | 40 | 0.24 | 400 | 2 |
| LG 96-05 N110698 | 205 | 226 | < 0.2 | 0.72 | 12 | 250 | 0.5 | 2 | 4.03 | 0.5 | 3 | 107 | 4 | 1.85 | < 10 | < 1 | 0.46 | 30 | 0.36 | 625 | < 1 |
| LG 96-05 N110699 | 205 | 226 | < 0.2 | 0.93 | 16 | 180 | < 0.5 | < 2 | 1.60 | < 0.5 | 3 | 73 | 3 | 1.69 | < 10 | < 1 | 0.38 | 30 | 0.37 | 285 | 2 |
| LG 96-05 N110700 | 205 | 226 | < 0.2 | 1.09 | 6 | 270 | 0.5 | 2 | 1.92 | 0.5 | 3 | 97 | 3 | 1.81 | 10 | < 1 | 0.43 | 40 | 0.53 | 345 | 3 |

CERTIFICATION: *[Signature]*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Page : 2-B
Total P. : 3
Certificate Date: 25-JUL-96
Invoice No. : I9624463
P.O. Number :
Account : MPO

Project : LEAGUE
Comments:

CERTIFICATE OF ANALYSIS

A9624463

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|------------------|-----------|--------|--------|-------|--------|--------|--------|------------|------|--------|-------|-------|-------|--------|
| LG 96-05 N110661 | 205 226 | < 0.01 | 15 | 230 | 52 | 2 | < 1 | 22 < 0.01 | < 10 | < 10 | 1 | < 10 | | 6 |
| LG 96-05 N110662 | 205 226 | < 0.01 | 7 | 350 | 34 | < 2 | < 1 | 11 < 0.01 | < 10 | < 10 | 1 | < 10 | | 32 |
| LG 96-05 N110663 | 205 226 | < 0.01 | 14 | 370 | 74 | 2 | < 1 | 24 < 0.01 | < 10 | < 10 | 2 | < 10 | | 4 |
| LG 96-05 N110664 | 205 226 | < 0.01 | 15 | 420 | 84 | < 2 | < 1 | 12 < 0.01 | < 10 | < 10 | 1 | < 10 | | 6 |
| LG 96-05 N110665 | 205 226 | < 0.01 | 28 | 350 | 1790 | 2 | < 1 | 18 < 0.01 | < 10 | < 10 | 2 | < 10 | | 6 |
| LG 96-05 N110666 | 205 226 | < 0.01 | 10 | 380 | 74 | < 2 | < 1 | 9 < 0.01 | < 10 | < 10 | 1 | < 10 | | 70 |
| LG 96-05 N110667 | 205 226 | < 0.01 | 17 | 270 | 738 | 2 | < 1 | 27 < 0.01 | < 10 | < 10 | 1 | < 10 | | 434 |
| LG 96-05 N110668 | 205 226 | < 0.01 | 21 | 270 | 232 | 6 | < 1 | 17 < 0.01 | < 10 | < 10 | 1 | 10 | | 5430 |
| LG 96-05 N110669 | 205 226 | < 0.01 | 5 | 360 | 36 | 2 | < 1 | 50 < 0.01 | < 10 | < 10 | 1 | < 10 | | 16 |
| LG 96-05 N110670 | 205 226 | < 0.01 | 3 | 410 | 24 | 2 | < 1 | 74 < 0.01 | < 10 | < 10 | 1 | < 10 | | 14 |
| LG 96-05 N110671 | 205 226 | < 0.01 | 3 | 270 | 16 | < 2 | < 1 | 78 < 0.01 | < 10 | < 10 | 1 | < 10 | | 2 |
| LG 96-05 N110672 | 205 226 | < 0.01 | 3 | 320 | 30 | < 2 | < 1 | 75 < 0.01 | < 10 | < 10 | 1 | < 10 | | 48 |
| LG 96-05 N110673 | 205 226 | < 0.01 | 3 | 300 | 32 | 2 | < 1 | 64 < 0.01 | < 10 | < 10 | 1 | < 10 | | 6 |
| LG 96-05 N110674 | 205 226 | < 0.01 | 3 | 310 | 20 | < 2 | < 1 | 64 < 0.01 | < 10 | < 10 | 1 | < 10 | | 6 |
| LG 96-05 N110675 | 205 226 | < 0.01 | 3 | 310 | 16 | < 2 | < 1 | 67 < 0.01 | < 10 | < 10 | 1 | < 10 | | 6 |
| LG 96-05 N110676 | 205 226 | < 0.01 | 12 | 300 | 24 | < 2 | < 1 | 81 < 0.01 | < 10 | < 10 | 2 | < 10 | | 4 |
| LG 96-05 N110677 | 205 226 | < 0.01 | 4 | 300 | 20 | < 2 | < 1 | 47 < 0.01 | < 10 | < 10 | 1 | < 10 | | 2 |
| LG 96-05 N110678 | 205 226 | < 0.01 | 5 | 440 | 20 | < 2 | < 1 | 36 < 0.01 | < 10 | < 10 | 1 | < 10 | | 2 |
| LG 96-05 N110679 | 205 226 | < 0.01 | 26 | 260 | 34 | 2 | < 1 | 50 < 0.01 | < 10 | < 10 | 8 | < 10 | | 2 |
| LG 96-05 N110680 | 205 226 | < 0.01 | 9 | 350 | 14 | < 2 | < 1 | 41 < 0.01 | < 10 | < 10 | 3 | < 10 | | < 2 |
| LG 96-05 N110681 | 205 226 | < 0.01 | 9 | 130 | 14 | < 2 | < 1 | 37 < 0.01 | < 10 | < 10 | 1 | < 10 | | < 2 |
| LG 96-05 N110682 | 205 226 | < 0.01 | 9 | 110 | 12 | < 2 | < 1 | 52 < 0.01 | < 10 | < 10 | < 1 | < 10 | | < 2 |
| LG 96-05 N110683 | 205 226 | < 0.01 | 20 | 140 | 12 | < 2 | < 1 | 41 < 0.01 | < 10 | < 10 | 1 | < 10 | | < 2 |
| LG 96-05 N110684 | 205 226 | < 0.01 | 113 | 320 | 4 | < 2 | 4 | 155 < 0.01 | < 10 | < 10 | 30 | < 10 | | 46 |
| LG 96-05 N110685 | 205 226 | < 0.01 | 125 | 330 | 2 | 4 | 5 | 111 < 0.01 | < 10 | < 10 | 50 | < 10 | | 62 |
| LG 96-05 N110686 | 205 226 | 0.02 | 140 | 290 | < 2 | < 2 | 17 | 80 0.01 | < 10 | < 10 | 134 | < 10 | | 62 |
| LG 96-05 N110687 | 205 226 | 0.01 | 133 | 280 | < 2 | < 2 | 22 | 65 0.02 | < 10 | < 10 | 134 | < 10 | | 62 |
| LG 96-05 N110688 | 205 226 | < 0.01 | 95 | 310 | 2 | < 2 | 12 | 158 < 0.01 | < 10 | < 10 | 52 | < 10 | | 56 |
| LG 96-05 N110689 | 205 226 | < 0.01 | 110 | 470 | 12 | < 2 | 1 | 74 < 0.01 | < 10 | < 10 | 8 | < 10 | | 2 |
| LG 96-05 N110690 | 205 226 | < 0.01 | 8 | 320 | 30 | < 2 | < 1 | 38 < 0.01 | < 10 | < 10 | 1 | < 10 | | 2 |
| LG 96-05 N110691 | 205 226 | < 0.01 | 18 | 300 | 28 | < 2 | < 1 | 54 < 0.01 | < 10 | < 10 | 1 | < 10 | | < 2 |
| LG 96-05 N110692 | 205 226 | < 0.01 | 111 | 780 | 164 | 4 | 2 | 73 < 0.01 | < 10 | < 10 | 18 | < 10 | | 486 |
| LG 96-05 N110693 | 205 226 | < 0.01 | 24 | 120 | 16 | < 2 | < 1 | 71 < 0.01 | < 10 | < 10 | 4 | < 10 | | 60 |
| LG 96-05 N110694 | 205 226 | < 0.01 | 102 | 240 | 14 | < 2 | 4 | 58 < 0.01 | < 10 | < 10 | 21 | < 10 | | 260 |
| LG 96-05 N110695 | 205 226 | 0.01 | 8 | 180 | 20 | < 2 | < 1 | 32 < 0.01 | < 10 | < 10 | 1 | < 10 | | 16 |
| LG 96-05 N110696 | 205 226 | < 0.01 | 6 | 150 | 16 | < 2 | < 1 | 36 < 0.01 | < 10 | < 10 | 1 | < 10 | | 16 |
| LG 96-05 N110697 | 205 226 | < 0.01 | 10 | 160 | 20 | < 2 | < 1 | 39 < 0.01 | < 10 | < 10 | 1 | < 10 | | 20 |
| LG 96-05 N110698 | 205 226 | < 0.01 | 9 | 150 | 22 | < 2 | < 1 | 75 < 0.01 | < 10 | < 10 | 1 | < 10 | | 14 |
| LG 96-05 N110699 | 205 226 | < 0.01 | 8 | 100 | 24 | < 2 | < 1 | 33 < 0.01 | < 10 | < 10 | 1 | < 10 | | 40 |
| LG 96-05 N110700 | 205 226 | < 0.01 | 9 | 120 | 38 | < 2 | < 1 | 43 < 0.01 | < 10 | < 10 | 1 | < 10 | | 86 |

CERTIFICATION: *[Signature]*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page : 3-A
Total Pages : 3
Certificate Date: 25-JUL-96
Invoice No. : I9624463
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9624463

| SAMPLE | PREP CODE | 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 | Mo ppm |
|------------------|-----------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|--------|
| LG 96-05 N110701 | 205 226 | < 0.2 | 0.30 | 12 | 140 | < 0.5 | < 2 | 1.38 | < 0.5 | 2 | 40 | 3 | 1.12 | < 10 | < 1 | 0.20 | 20 | 0.33 | 245 | < 1 |
| LG 96-05 N110702 | 205 226 | < 0.2 | 0.28 | 16 | 190 | < 0.5 | < 2 | 1.32 | < 0.5 | 2 | 47 | 3 | 1.08 | < 10 | < 1 | 0.28 | 20 | 0.35 | 240 | < 1 |
| LG 96-05 N110703 | 205 226 | < 0.2 | 0.18 | 40 | 150 | < 0.5 | < 2 | 1.56 | < 0.5 | 2 | 32 | 3 | 1.13 | < 10 | < 1 | 0.18 | 10 | 0.36 | 255 | 1 |
| LG 96-05 N110704 | 205 226 | < 0.2 | 0.28 | 56 | 250 | < 0.5 | 2 | 2.79 | 1.5 | 11 | 63 | 10 | 1.30 | < 10 | < 1 | 0.30 | < 10 | 0.30 | 455 | 1 |
| LG 96-05 N110705 | 205 226 | 1.6 | 0.72 | 54 | 40 | 0.5 | < 2 | 1.37 | 3.0 | 7 | 266 | 55 | 2.74 | < 10 | < 1 | 0.34 | < 10 | 0.11 | 190 | 13 |
| LG 96-05 N110706 | 205 226 | < 0.2 | 0.45 | 48 | 220 | 0.5 | 2 | 3.54 | < 0.5 | 13 | 71 | 19 | 1.78 | < 10 | < 1 | 0.60 | 10 | 0.20 | 690 | 1 |
| LG 96-05 N110707 | 205 226 | < 0.2 | 0.76 | 16 | 250 | 0.5 | < 2 | 1.63 | < 0.5 | 1 | 115 | 4 | 0.58 | < 10 | < 1 | 0.65 | 30 | 0.07 | 205 | 2 |
| LG 96-05 N110708 | 205 226 | < 0.2 | 0.45 | 278 | 110 | 0.5 | 2 | 2.64 | < 0.5 | 6 | 65 | 15 | 1.67 | < 10 | < 1 | 0.57 | 30 | 0.18 | 525 | 2 |
| LG 96-05 N110709 | 205 226 | 0.6 | 0.38 | 20 | 110 | < 0.5 | < 2 | 0.60 | 1.0 | 1 | 164 | 3 | 1.53 | < 10 | < 1 | 0.32 | 30 | 0.02 | 60 | 3 |
| LG 96-05 N110710 | 205 226 | 0.6 | 0.26 | 22 | 70 | < 0.5 | < 2 | 0.48 | < 0.5 | 1 | 109 | 2 | 1.61 | < 10 | < 1 | 0.22 | 30 | 0.01 | 70 | 1 |
| LG 96-05 N110711 | 205 226 | 0.2 | 0.98 | 22 | 150 | 1.0 | < 2 | 0.55 | < 0.5 | 7 | 91 | 10 | 2.09 | < 10 | < 1 | 0.63 | 50 | 0.16 | 400 | 3 |
| LG 96-05 N110712 | 205 226 | < 0.2 | 0.65 | 14 | 330 | 0.5 | < 2 | 1.01 | < 0.5 | 5 | 86 | 6 | 1.75 | < 10 | < 1 | 0.58 | 60 | 0.22 | 630 | 2 |
| LG 96-05 N110713 | 205 226 | < 0.2 | 0.71 | 14 | 290 | 0.5 | < 2 | 1.68 | < 0.5 | 8 | 104 | 11 | 2.33 | < 10 | < 1 | 0.67 | 40 | 0.28 | 835 | 3 |
| LG 96-05 N110714 | 205 226 | 0.4 | 0.56 | 18 | 280 | 0.5 | 2 | 4.02 | 2.5 | 11 | 53 | 25 | 2.40 | < 10 | < 1 | 0.20 | 10 | 0.72 | 620 | 5 |
| LG 96-05 N110715 | 205 226 | 0.2 | 1.88 | 20 | 180 | 0.5 | 4 | 3.90 | 0.5 | 9 | 66 | 61 | 3.38 | 10 | < 1 | 0.34 | 20 | 0.82 | 755 | 3 |

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Page : 3-B
 Total P: 3
 Certificate Date: 25-JUL-96
 Invoice No. : I9624463
 P.O. Number :
 Account : MPO

Project : LEAGUE
 Comments:

CERTIFICATE OF ANALYSIS

A9624463

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|------------------|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| LG 96-05 N110701 | 205 226 | < 0.01 | 5 | 100 | 12 | < 2 | < 1 | 32 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 18 |
| LG 96-05 N110702 | 205 226 | < 0.01 | 5 | 100 | 8 | < 2 | < 1 | 29 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 14 |
| LG 96-05 N110703 | 205 226 | < 0.01 | 5 | 80 | 12 | < 2 | < 1 | 43 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 8 |
| LG 96-05 N110704 | 205 226 | < 0.01 | 29 | 170 | 52 | < 2 | < 1 | 88 | < 0.01 | < 10 | < 10 | 1 | < 10 | 222 |
| LG 96-05 N110705 | 205 226 | < 0.01 | 68 | 1390 | 58 | 6 | 1 | 58 | < 0.01 | < 10 | < 10 | 64 | < 10 | 350 |
| LG 96-05 N110706 | 205 226 | < 0.01 | 24 | 410 | 40 | < 2 | 3 | 113 | < 0.01 | < 10 | < 10 | 7 | < 10 | 18 |
| LG 96-05 N110707 | 205 226 | < 0.01 | 3 | 280 | 10 | < 2 | < 1 | 51 | < 0.01 | < 10 | < 10 | 1 | < 10 | 22 |
| LG 96-05 N110708 | 205 226 | 0.01 | 8 | 610 | 20 | < 2 | 1 | 69 | < 0.01 | < 10 | < 10 | 2 | < 10 | 34 |
| LG 96-05 N110709 | 205 226 | < 0.01 | 5 | 70 | 126 | < 2 | < 1 | 35 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 226 |
| LG 96-05 N110710 | 205 226 | < 0.01 | 3 | 50 | 34 | < 2 | < 1 | 18 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 58 |
| LG 96-05 N110711 | 205 226 | < 0.01 | 8 | 660 | 34 | < 2 | 2 | 23 | < 0.01 | < 10 | < 10 | 5 | < 10 | 32 |
| LG 96-05 N110712 | 205 226 | < 0.01 | 6 | 730 | 22 | < 2 | 1 | 40 | < 0.01 | < 10 | < 10 | 3 | < 10 | 14 |
| LG 96-05 N110713 | 205 226 | < 0.01 | 10 | 840 | 16 | < 2 | 3 | 56 | < 0.01 | < 10 | < 10 | 7 | < 10 | 28 |
| LG 96-05 N110714 | 205 226 | < 0.01 | 25 | 650 | 146 | < 2 | 4 | 132 | < 0.01 | < 10 | < 10 | 20 | < 10 | 524 |
| LG 96-05 N110715 | 205 226 | < 0.01 | 4 | 560 | 8 | < 2 | 7 | 173 | < 0.01 | < 10 | < 10 | 17 | < 10 | 56 |

CERTIFICATION: Hunt Bechler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project : LEAGUE
 Comments:

Page : 1-A
 Total Pages : 1
 Certificate Date: 31-JUL-96
 Invoice No. : I9625252
 P.O. Number :
 Account : MPO

* CORRECTED COPY *

CERTIFICATE OF ANALYSIS A9625252

| SAMPLE | PREP CODE | 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 | Mo ppm |
|---------|-----------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|--------|
| N110716 | 208 226 | 1.6 | 0.50 | 90 | 310 | < 0.5 | < 2 | 0.05 | < 0.5 | 3 | 297 | 14 | 1.12 | < 10 | < 1 | 0.31 | < 10 | 0.03 | 45 | 5 |
| N110717 | 208 226 | 1.4 | 0.44 | 354 | 100 | 0.5 | < 2 | 0.30 | 1.5 | 10 | 183 | 44 | 2.82 | < 10 | 1 | 0.24 | < 10 | 0.07 | 195 | 10 |
| N110718 | 208 226 | < 0.2 | 0.58 | 124 | 420 | 0.5 | < 2 | 9.00 | < 0.5 | 30 | 78 | 61 | 3.42 | < 10 | < 1 | 0.45 | < 10 | 1.40 | 1785 | < 1 |
| N110719 | 208 226 | 0.2 | 0.30 | 140 | 150 | < 0.5 | < 2 | 6.27 | < 0.5 | 34 | 78 | 25 | 1.56 | < 10 | < 1 | 0.35 | < 10 | 0.20 | 1095 | 1 |
| N110720 | 208 226 | < 0.2 | 0.77 | 122 | 230 | < 0.5 | < 2 | 8.66 | < 0.5 | 33 | 141 | 41 | 3.98 | < 10 | < 1 | 0.35 | < 10 | 1.31 | 1675 | < 1 |
| N110721 | 208 226 | 0.2 | 0.64 | 28 | 350 | 0.5 | < 2 | 6.06 | < 0.5 | 11 | 83 | 28 | 2.49 | < 10 | < 1 | 0.30 | < 10 | 0.55 | 1020 | 2 |
| N110722 | 208 226 | 0.2 | 0.89 | 28 | 230 | 0.5 | < 2 | 3.97 | < 0.5 | 13 | 79 | 30 | 3.30 | < 10 | < 1 | 0.39 | 10 | 0.75 | 920 | 3 |
| N110723 | 208 226 | < 0.2 | 0.65 | 18 | 410 | 0.5 | < 2 | 3.01 | < 0.5 | 4 | 82 | 7 | 1.83 | < 10 | < 1 | 0.31 | 50 | 0.47 | 640 | 3 |
| N110724 | 208 226 | < 0.2 | 1.09 | 22 | 290 | 0.5 | < 2 | 4.50 | < 0.5 | 9 | 103 | 25 | 2.37 | < 10 | < 1 | 0.44 | 10 | 1.16 | 930 | 1 |
| N110725 | 208 226 | < 0.2 | 0.99 | 12 | 360 | < 0.5 | < 2 | 2.77 | < 0.5 | 3 | 130 | 10 | 1.00 | < 10 | < 1 | 0.48 | 10 | 0.25 | 285 | 1 |
| N110726 | 208 226 | < 0.2 | 0.43 | 6 | 620 | < 0.5 | < 2 | 8.96 | < 0.5 | 7 | 36 | 53 | 1.82 | < 10 | < 1 | 0.25 | < 10 | 0.87 | 465 | < 1 |
| N110727 | 208 226 | < 0.2 | 0.63 | 6 | 1050 | < 0.5 | < 2 | 9.46 | < 0.5 | 7 | 45 | 12 | 1.78 | < 10 | < 1 | 0.34 | < 10 | 0.92 | 450 | < 1 |
| N110728 | 208 226 | 0.2 | 0.52 | 66 | 30 | < 0.5 | < 2 | 4.18 | < 0.5 | 13 | 120 | 25 | 3.09 | < 10 | < 1 | 0.25 | < 10 | 0.10 | 170 | 1 |
| N110729 | 208 226 | 2.0 | 0.48 | 64 | 120 | < 0.5 | < 2 | 0.12 | < 0.5 | 6 | 299 | 15 | 1.84 | < 10 | < 1 | 0.26 | < 10 | 0.03 | 20 | 12 |
| N110730 | 208 226 | 0.6 | 0.45 | 102 | 320 | 0.5 | < 2 | 1.69 | 5.5 | 14 | 235 | 34 | 1.85 | < 10 | < 1 | 0.31 | < 10 | 0.52 | 865 | 10 |
| N110731 | 208 226 | 1.4 | 0.57 | 288 | 70 | < 0.5 | < 2 | 6.16 | < 0.5 | 49 | 79 | 43 | 3.70 | < 10 | < 1 | 0.52 | < 10 | 0.37 | 1205 | < 1 |
| N110732 | 208 226 | 0.2 | 0.60 | 28 | 170 | 0.5 | < 2 | 3.61 | 0.5 | 12 | 68 | 30 | 2.57 | < 10 | < 1 | 0.27 | 10 | 0.61 | 610 | 4 |
| N110733 | 208 226 | < 0.2 | 0.48 | 6 | 770 | < 0.5 | < 2 | 9.50 | < 0.5 | 8 | 41 | 10 | 1.65 | < 10 | < 1 | 0.29 | < 10 | 0.70 | 420 | < 1 |
| N110734 | 208 226 | < 0.2 | 0.48 | 38 | 120 | < 0.5 | < 2 | 5.75 | < 0.5 | 14 | 86 | 25 | 2.82 | < 10 | < 1 | 0.26 | < 10 | 0.69 | 345 | < 1 |
| N110735 | 208 226 | 0.8 | 0.55 | 86 | 40 | < 0.5 | < 2 | 3.22 | 0.5 | 10 | 111 | 42 | 3.23 | < 10 | < 1 | 0.24 | < 10 | 0.21 | 140 | 1 |

CERTIFICATION: Hart Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments :

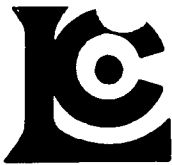
Page : 1-B
Total Pages : 1
Certificate Date: 31-JUL-96
Invoice No. : 19625252
P.O. Number :
Account : MPO

* CORRECTED COPY *

CERTIFICATE OF ANALYSIS A9625252

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---------|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| N110716 | 208 226 | < 0.01 | 14 | 320 | 74 | 2 | 3 | 9 | < 0.01 | < 10 | < 10 | 30 | < 10 | 24 |
| N110717 | 208 226 | < 0.01 | 54 | 460 | 76 | 2 | 4 | 27 | < 0.01 | < 10 | < 10 | 36 | < 10 | 140 |
| N110718 | 208 226 | < 0.01 | 91 | 300 | 6 | < 2 | 5 | 250 | < 0.01 | < 10 | < 10 | 19 | < 10 | 112 |
| N110719 | 208 226 | < 0.01 | 76 | 120 | 18 | 2 | 1 | 139 | < 0.01 | < 10 | < 10 | 4 | < 10 | 10 |
| N110720 | 208 226 | < 0.01 | 138 | 270 | 16 | < 2 | 6 | 274 | < 0.01 | < 10 | < 10 | 18 | < 10 | 178 |
| N110721 | 208 226 | < 0.01 | 43 | 680 | 22 | < 2 | 4 | 254 | < 0.01 | < 10 | < 10 | 23 | < 10 | 84 |
| N110722 | 208 226 | < 0.01 | 37 | 830 | 22 | < 2 | 5 | 157 | < 0.01 | < 10 | < 10 | 27 | < 10 | 132 |
| N110723 | 208 226 | < 0.01 | 14 | 450 | 28 | 2 | 2 | 128 | < 0.01 | < 10 | < 10 | 4 | < 10 | 86 |
| N110724 | 208 226 | < 0.01 | 23 | 680 | 22 | 2 | 4 | 208 | < 0.01 | < 10 | < 10 | 24 | < 10 | 124 |
| N110725 | 208 226 | 0.02 | 9 | 1110 | 22 | < 2 | < 1 | 127 | < 0.01 | < 10 | < 10 | 4 | < 10 | 12 |
| N110726 | 208 226 | < 0.01 | 10 | 410 | 6 | < 2 | 1 | 492 | < 0.01 | < 10 | < 10 | 3 | < 10 | 8 |
| N110727 | 208 226 | 0.01 | 14 | 430 | 6 | < 2 | 2 | 539 | < 0.01 | < 10 | < 10 | 4 | < 10 | 6 |
| N110728 | 208 226 | < 0.01 | 39 | 610 | 14 | < 2 | 1 | 226 | < 0.01 | < 10 | < 10 | 7 | < 10 | 14 |
| N110729 | 208 226 | < 0.01 | 24 | 340 | 104 | 2 | 3 | 12 | < 0.01 | < 10 | < 10 | 26 | < 10 | 18 |
| N110730 | 208 226 | < 0.01 | 59 | 290 | 44 | 2 | 3 | 44 | < 0.01 | < 10 | < 10 | 38 | < 10 | 538 |
| N110731 | 208 226 | < 0.01 | 130 | 260 | 32 | 8 | 4 | 156 | < 0.01 | < 10 | < 10 | 12 | < 10 | 24 |
| N110732 | 208 226 | < 0.01 | 36 | 820 | 28 | < 2 | 5 | 153 | < 0.01 | < 10 | < 10 | 26 | < 10 | 136 |
| N110733 | 208 226 | < 0.01 | 13 | 420 | 6 | < 2 | 1 | 519 | < 0.01 | < 10 | < 10 | 3 | < 10 | 6 |
| N110734 | 208 226 | < 0.01 | 27 | 450 | 14 | < 2 | 1 | 304 | < 0.01 | < 10 | < 10 | 5 | < 10 | 10 |
| N110735 | 208 226 | < 0.01 | 44 | 820 | 30 | < 2 | 1 | 208 | < 0.01 | < 10 | < 10 | 15 | < 10 | 190 |

CERTIFICATION: Hart Bechler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments :

Page : 1-A
Total Pages : 3
Certificate Date: 31-JUL-96
Invoice No. : I9625261
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9625261

| SAMPLE | PREP CODE | 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 | Mo ppm |
|---------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| N110530 | 208 226 | 0.2 | 0.40 | 12 | 100 | < 0.5 | < 2 | 0.11 | 0.5 | 3 | 151 | 21 | 0.74 | < 10 | < 1 | 0.24 | 10 | 0.02 | 70 | 1 |
| N110531 | 208 226 | 0.2 | 0.39 | 12 | 90 | < 0.5 | < 2 | 0.08 | 3.5 | 4 | 102 | 7 | 0.63 | < 10 | < 1 | 0.30 | 20 | 0.01 | 65 | 1 |
| N110532 | 208 226 | 0.2 | 0.37 | 14 | 90 | < 0.5 | < 2 | 0.10 | 11.5 | 10 | 129 | 5 | 0.86 | < 10 | < 1 | 0.29 | 10 | 0.01 | 185 | 1 |
| N110533 | 208 226 | 0.8 | 0.28 | 16 | 70 | < 0.5 | < 2 | 0.55 | 23.5 | 9 | 126 | 7 | 0.85 | < 10 | < 1 | 0.20 | < 10 | 0.01 | 210 | 1 |
| N110534 | 208 226 | 0.6 | 0.25 | 10 | 100 | < 0.5 | < 2 | 1.07 | 17.0 | 3 | 95 | 4 | 0.77 | < 10 | < 1 | 0.22 | < 10 | 0.01 | 110 | 1 |
| N110535 | 208 226 | 0.2 | 0.26 | 18 | 70 | < 0.5 | < 2 | 0.22 | 8.0 | 2 | 79 | 5 | 1.01 | < 10 | < 1 | 0.32 | < 10 | 0.01 | 50 | 2 |
| N110536 | 208 226 | < 0.2 | 0.20 | 20 | 50 | < 0.5 | < 2 | 1.65 | 2.5 | 2 | 30 | 5 | 0.50 | < 10 | < 1 | 0.29 | < 10 | 0.01 | 195 | 3 |
| N110537 | 208 226 | < 0.2 | 0.22 | 20 | 50 | < 0.5 | < 2 | 1.01 | 0.5 | 2 | 24 | 5 | 0.68 | < 10 | < 1 | 0.33 | < 10 | 0.02 | 150 | 3 |
| N110538 | 208 226 | < 0.2 | 0.24 | 100 | 60 | < 0.5 | < 2 | 1.27 | 0.5 | 3 | 53 | 9 | 1.56 | < 10 | < 1 | 0.40 | < 10 | 0.04 | 265 | 2 |
| N110539 | 208 226 | < 0.2 | 0.42 | 10 | 80 | < 0.5 | < 2 | 1.34 | < 0.5 | < 1 | 71 | 3 | 0.45 | < 10 | < 1 | 0.50 | 10 | 0.06 | 165 | 2 |
| N110540 | 208 226 | < 0.2 | 0.49 | 10 | 70 | < 0.5 | < 2 | 0.69 | < 0.5 | 1 | 148 | 3 | 0.43 | < 10 | < 1 | 0.32 | 20 | 0.04 | 70 | 2 |
| N110541 | 208 226 | 0.2 | 0.59 | 16 | 140 | < 0.5 | < 2 | 0.10 | < 0.5 | 5 | 72 | 10 | 0.78 | < 10 | < 1 | 0.38 | 20 | 0.05 | 55 | 2 |
| N110542 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| N110543 | 208 226 | < 0.2 | 0.45 | 16 | 80 | < 0.5 | < 2 | 0.34 | < 0.5 | 3 | 99 | 4 | 0.73 | < 10 | < 1 | 0.43 | 10 | 0.05 | 50 | 1 |
| N110544 | 208 226 | < 0.2 | 0.41 | 48 | 70 | < 0.5 | < 2 | 2.32 | < 0.5 | 2 | 88 | 3 | 0.98 | < 10 | < 1 | 0.35 | 10 | 0.06 | 220 | 1 |
| N110545 | 208 226 | < 0.2 | 0.51 | 46 | 100 | < 0.5 | < 2 | 1.81 | < 0.5 | 2 | 108 | 3 | 0.74 | < 10 | < 1 | 0.31 | 10 | 0.08 | 145 | 1 |
| N110546 | 208 226 | < 0.2 | 0.26 | 22 | 70 | < 0.5 | < 2 | 1.99 | < 0.5 | 2 | 26 | 4 | 0.63 | < 10 | < 1 | 0.24 | 30 | 0.05 | 140 | 3 |
| N110547 | 208 226 | < 0.2 | 0.25 | 18 | 40 | < 0.5 | < 2 | 1.33 | < 0.5 | 1 | 30 | 3 | 0.59 | < 10 | < 1 | 0.24 | 30 | 0.05 | 140 | 1 |
| N110548 | 208 226 | < 0.2 | 0.28 | 10 | 50 | < 0.5 | < 2 | 1.37 | < 0.5 | 2 | 25 | 4 | 0.53 | < 10 | < 1 | 0.23 | 30 | 0.07 | 135 | 4 |
| N110549 | 208 226 | < 0.2 | 0.26 | 6 | 40 | < 0.5 | < 2 | 1.66 | < 0.5 | 1 | 25 | 3 | 0.37 | < 10 | < 1 | 0.24 | 30 | 0.06 | 145 | 3 |
| N110550 | 208 226 | < 0.2 | 0.39 | 14 | 70 | < 0.5 | < 2 | 1.34 | < 0.5 | 1 | 93 | 6 | 0.49 | < 10 | < 1 | 0.40 | 30 | 0.05 | 130 | 1 |
| N110578 | 208 226 | < 0.2 | 0.42 | 16 | 80 | < 0.5 | < 2 | 1.15 | < 0.5 | 1 | 85 | 6 | 0.41 | < 10 | < 1 | 0.41 | 10 | 0.05 | 115 | 1 |
| N110579 | 208 226 | < 0.2 | 0.28 | 6 | 60 | < 0.5 | < 2 | 1.20 | 0.5 | 1 | 33 | 3 | 0.34 | < 10 | < 1 | 0.28 | < 10 | 0.03 | 140 | 5 |
| N110580 | 208 226 | < 0.2 | 0.21 | 8 | 50 | < 0.5 | < 2 | 1.30 | 0.5 | 3 | 41 | 5 | 0.31 | < 10 | < 1 | 0.27 | 10 | 0.02 | 155 | 3 |
| N110581 | 208 226 | < 0.2 | 0.33 | 8 | 70 | < 0.5 | < 2 | 1.10 | < 0.5 | 2 | 62 | 4 | 0.36 | < 10 | < 1 | 0.38 | 10 | 0.04 | 155 | 3 |
| N110582 | 208 226 | < 0.2 | 0.22 | 10 | 40 | < 0.5 | < 2 | 0.98 | < 0.5 | 2 | 38 | 4 | 0.33 | < 10 | < 1 | 0.22 | 10 | 0.04 | 110 | 2 |
| N110583 | 208 226 | < 0.2 | 0.44 | 16 | 100 | 0.5 | < 2 | 0.99 | < 0.5 | 3 | 80 | 4 | 0.64 | < 10 | < 1 | 0.45 | 10 | 0.07 | 120 | 2 |
| N110584 | 208 226 | < 0.2 | 0.47 | 10 | 70 | < 0.5 | < 2 | 0.18 | < 0.5 | 1 | 112 | 2 | 0.74 | < 10 | < 1 | 0.24 | 10 | 0.05 | 40 | 1 |
| N110585 | 208 226 | < 0.2 | 0.30 | 10 | 80 | < 0.5 | < 2 | 0.05 | < 0.5 | < 1 | 115 | 1 | 0.30 | < 10 | < 1 | 0.27 | 20 | < 0.01 | 5 | < 1 |
| N110586 | 208 226 | < 0.2 | 0.31 | 6 | 80 | < 0.5 | < 2 | 0.08 | < 0.5 | < 1 | 99 | 1 | 0.33 | < 10 | < 1 | 0.23 | 20 | 0.01 | 15 | 1 |
| N110587 | 208 226 | < 0.2 | 0.35 | 2 | 70 | < 0.5 | < 2 | 1.12 | < 0.5 | 1 | 114 | 1 | 0.26 | < 10 | < 1 | 0.23 | 10 | 0.03 | 130 | 1 |
| N110588 | 208 226 | < 0.2 | 0.32 | 8 | 70 | < 0.5 | < 2 | 0.75 | < 0.5 | 1 | 122 | 2 | 0.44 | < 10 | < 1 | 0.18 | 10 | 0.03 | 70 | 1 |
| N110589 | 208 226 | < 0.2 | 0.41 | 10 | 110 | < 0.5 | < 2 | 1.50 | 0.5 | 3 | 122 | 3 | 0.55 | < 10 | < 1 | 0.30 | < 10 | 0.07 | 120 | 2 |
| N110590 | 208 226 | < 0.2 | 0.24 | 8 | 40 | < 0.5 | < 2 | 1.26 | < 0.5 | 2 | 33 | 3 | 0.35 | < 10 | < 1 | 0.22 | < 10 | 0.05 | 145 | 5 |
| N110591 | 208 226 | < 0.2 | 0.49 | 10 | 70 | < 0.5 | < 2 | 1.28 | < 0.5 | 1 | 77 | 4 | 0.40 | < 10 | < 1 | 0.39 | 10 | 0.06 | 125 | 3 |
| N110592 | 208 226 | < 0.2 | 0.38 | 14 | 80 | < 0.5 | < 2 | 1.50 | < 0.5 | 2 | 81 | 3 | 0.48 | < 10 | < 1 | 0.27 | < 10 | 0.04 | 175 | 6 |
| N110593 | 208 226 | < 0.2 | 0.40 | 10 | 80 | < 0.5 | < 2 | 1.36 | < 0.5 | 1 | 72 | 3 | 0.44 | < 10 | < 1 | 0.31 | 10 | 0.05 | 150 | 4 |
| N110594 | 208 226 | < 0.2 | 0.61 | 10 | 90 | < 0.5 | < 2 | 0.97 | < 0.5 | 1 | 89 | 4 | 0.50 | < 10 | < 1 | 0.42 | 10 | 0.10 | 115 | 1 |
| N110595 | 208 226 | < 0.2 | 0.51 | 10 | 80 | < 0.5 | < 2 | 0.28 | < 0.5 | 2 | 74 | 4 | 0.53 | < 10 | < 1 | 0.43 | 10 | 0.06 | 45 | 1 |
| N110596 | 208 226 | < 0.2 | 0.21 | 28 | 70 | < 0.5 | < 2 | 0.84 | < 0.5 | 2 | 32 | 3 | 0.90 | < 10 | < 1 | 0.23 | < 10 | 0.08 | 120 | 1 |

CERTIFICATION: Hunter Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Page : 1 of 1
 Total Pages : 3
 Certificate Date : 31-JUL-96
 Invoice No. : I9625261
 P.O. Number :
 Account : MPO

Project : LEAGUE
 Comments:

CERTIFICATE OF ANALYSIS

A9625261

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| N110530 | 208 226 | < 0.01 | 8 | 360 | 60 | < 2 | < 1 | 43 | < 0.01 | < 10 | < 10 | 1 | < 10 | 338 |
| N110531 | 208 226 | < 0.01 | 6 | 300 | 48 | < 2 | < 1 | 44 | < 0.01 | < 10 | < 10 | 1 | < 10 | 906 |
| N110532 | 208 226 | < 0.01 | 10 | 340 | 34 | < 2 | < 1 | 36 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 3250 |
| N110533 | 208 226 | < 0.01 | 10 | 320 | 166 | < 2 | < 1 | 32 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 5840 |
| N110534 | 208 226 | < 0.01 | 5 | 280 | 150 | < 2 | < 1 | 38 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 3310 |
| N110535 | 208 226 | < 0.01 | 5 | 200 | 60 | < 2 | < 1 | 44 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 1450 |
| N110536 | 208 226 | < 0.01 | 4 | 340 | 16 | < 2 | < 1 | 66 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 528 |
| N110537 | 208 226 | < 0.01 | 3 | 350 | 10 | < 2 | < 1 | 39 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 298 |
| N110538 | 208 226 | < 0.01 | 3 | 260 | 6 | < 2 | < 1 | 47 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 272 |
| N110539 | 208 226 | < 0.01 | 1 | 310 | 14 | < 2 | < 1 | 61 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 76 |
| N110540 | 208 226 | < 0.01 | 3 | 280 | 20 | < 2 | < 1 | 31 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 128 |
| N110541 | 208 226 | < 0.01 | 8 | 310 | 42 | < 2 | < 1 | 24 | < 0.01 | < 10 | < 10 | 1 | < 10 | 552 |
| N110542 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| N110543 | 208 226 | < 0.01 | 3 | 370 | 38 | < 2 | < 1 | 16 | < 0.01 | < 10 | < 10 | 1 | < 10 | 36 |
| N110544 | 208 226 | < 0.01 | 1 | 300 | 26 | < 2 | < 1 | 97 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 62 |
| N110545 | 208 226 | < 0.01 | 2 | 320 | 36 | < 2 | < 1 | 70 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 54 |
| N110546 | 208 226 | < 0.01 | 1 | 330 | 28 | < 2 | < 1 | 71 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 24 |
| N110547 | 208 226 | < 0.01 | 1 | 320 | 18 | < 2 | < 1 | 54 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 8 |
| N110548 | 208 226 | < 0.01 | 1 | 340 | 38 | < 2 | < 1 | 53 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 78 |
| N110549 | 208 226 | < 0.01 | 1 | 320 | 34 | < 2 | < 1 | 58 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 108 |
| N110550 | 208 226 | < 0.01 | 2 | 350 | 30 | < 2 | < 1 | 48 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 52 |
| N110578 | 208 226 | < 0.01 | 3 | 310 | 28 | < 2 | < 1 | 56 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 142 |
| N110579 | 208 226 | < 0.01 | 2 | 310 | 256 | < 2 | < 1 | 51 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 136 |
| N110580 | 208 226 | < 0.01 | 4 | 320 | 24 | < 2 | < 1 | 74 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 102 |
| N110581 | 208 226 | < 0.01 | 3 | 320 | 16 | < 2 | < 1 | 51 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 74 |
| N110582 | 208 226 | < 0.01 | 3 | 360 | 16 | < 2 | < 1 | 44 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 52 |
| N110583 | 208 226 | < 0.01 | 3 | 340 | 20 | < 2 | < 1 | 44 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 62 |
| N110584 | 208 226 | < 0.01 | 3 | 210 | 42 | < 2 | < 1 | 13 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 248 |
| N110585 | 208 226 | < 0.01 | 2 | 200 | 16 | < 2 | < 1 | 13 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 82 |
| N110586 | 208 226 | < 0.01 | 2 | 250 | 54 | < 2 | < 1 | 15 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 138 |
| N110587 | 208 226 | < 0.01 | 2 | 260 | 24 | < 2 | < 1 | 48 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 182 |
| N110588 | 208 226 | < 0.01 | 3 | 250 | 26 | < 2 | < 1 | 36 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 238 |
| N110589 | 208 226 | < 0.01 | 3 | 290 | 38 | < 2 | < 1 | 78 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 220 |
| N110590 | 208 226 | < 0.01 | 1 | 310 | 28 | < 2 | < 1 | 62 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 42 |
| N110591 | 208 226 | < 0.02 | 2 | 340 | 36 | < 2 | < 1 | 66 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 62 |
| N110592 | 208 226 | < 0.03 | 4 | 290 | 62 | < 2 | < 1 | 70 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 40 |
| N110593 | 208 226 | < 0.03 | 1 | 270 | 38 | < 2 | < 1 | 63 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 38 |
| N110594 | 208 226 | < 0.03 | 1 | 340 | 26 | < 2 | < 1 | 44 | < 0.01 | < 10 | < 10 | 1 | < 10 | 54 |
| N110595 | 208 226 | < 0.01 | 2 | 350 | 32 | < 2 | < 1 | 14 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 34 |
| N110596 | 208 226 | < 0.01 | 1 | 340 | 26 | < 2 | < 1 | 37 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 24 |

CERTIFICATION:

David B. ...



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project: LEAGUE
 Comments:

Page 1 of 2-A
 Total Pages: 3
 Certificate Date: 31-JUL-96
 Invoice No.: I9625261
 P.O. Number:
 Account: MPO

CERTIFICATE OF ANALYSIS

A9625261

| SAMPLE | PREP CODE | 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 | Mo ppm |
|---------|-----------|--------|------|--------|--------|--------|--------|-------|--------|--------|--------|--------|------|--------|--------|------|--------|--------|--------|--------|
| N110597 | 208 226 | < 0.2 | 0.20 | 16 | 40 | < 0.5 | < 2 | 1.11 | < 0.5 | 3 | 27 | 4 | 0.78 | < 10 | < 1 | 0.23 | < 10 | 0.04 | 135 | 1 |
| N110598 | 208 226 | < 0.2 | 0.73 | 12 | 90 | < 0.5 | < 2 | 1.15 | < 0.5 | 3 | 108 | 4 | 0.85 | < 10 | < 1 | 0.50 | 10 | 0.07 | 105 | 2 |
| N110599 | 208 226 | < 0.2 | 0.26 | 8 | 30 | < 0.5 | < 2 | 2.90 | < 0.5 | 1 | 36 | 4 | 1.10 | < 10 | < 1 | 0.27 | 40 | 0.06 | 920 | 1 |
| N110600 | 208 226 | 0.2 | 0.35 | 12 | 40 | < 0.5 | < 2 | 1.95 | < 0.5 | 10 | 30 | 12 | 2.14 | < 10 | < 1 | 0.34 | 30 | 0.07 | 760 | 3 |
| N110601 | 208 226 | < 0.2 | 0.20 | 10 | 40 | < 0.5 | < 2 | 3.59 | < 0.5 | 1 | 33 | 3 | 0.59 | < 10 | < 1 | 0.24 | 20 | 0.02 | 395 | 3 |
| N110602 | 208 226 | < 0.2 | 0.29 | 18 | 40 | < 0.5 | < 2 | 2.34 | < 0.5 | 3 | 32 | 4 | 0.54 | < 10 | < 1 | 0.34 | 30 | 0.01 | 255 | 3 |
| N110603 | 208 226 | < 0.2 | 0.37 | 6 | 40 | < 0.5 | < 2 | 3.12 | < 0.5 | 2 | 31 | 4 | 0.38 | < 10 | < 1 | 0.39 | 30 | 0.01 | 340 | 1 |
| N110604 | 208 226 | < 0.2 | 0.24 | 12 | 30 | < 0.5 | < 2 | 3.28 | < 0.5 | 2 | 23 | 3 | 0.36 | < 10 | < 1 | 0.26 | 30 | 0.01 | 355 | 1 |
| N110605 | 208 226 | < 0.2 | 0.15 | 8 | 10 | < 0.5 | < 2 | 2.76 | < 0.5 | 2 | 16 | 3 | 0.31 | < 10 | < 1 | 0.17 | 30 | 0.01 | 340 | 1 |
| N110606 | 208 226 | 0.6 | 0.19 | 96 | 30 | < 0.5 | < 2 | 2.36 | < 0.5 | 5 | 23 | 10 | 2.31 | < 10 | < 1 | 0.27 | 10 | 0.02 | 480 | 6 |
| N110607 | 208 226 | < 0.2 | 0.92 | 42 | 40 | < 0.5 | < 2 | 6.77 | < 0.5 | 31 | 82 | 37 | 2.84 | < 10 | < 1 | 0.26 | < 10 | 0.76 | 1605 | 1 |
| N110608 | 208 226 | < 0.2 | 1.43 | 84 | 50 | < 0.5 | < 2 | 11.00 | < 0.5 | 35 | 149 | 39 | 3.48 | < 10 | < 1 | 0.26 | < 10 | 1.09 | 1840 | < 1 |
| N110609 | 208 226 | 0.2 | 0.30 | 114 | 50 | < 0.5 | < 2 | 5.34 | < 0.5 | 11 | 44 | 11 | 1.76 | < 10 | < 1 | 0.32 | 10 | 1.16 | 1165 | < 1 |
| N110610 | 208 226 | < 0.2 | 0.21 | 16 | 40 | < 0.5 | < 2 | 3.31 | < 0.5 | 1 | 24 | 5 | 0.80 | < 10 | < 1 | 0.30 | 30 | 0.04 | 595 | 2 |
| N110611 | 208 226 | < 0.2 | 0.25 | 36 | 30 | < 0.5 | < 2 | 3.50 | < 0.5 | 12 | 19 | 18 | 2.19 | < 10 | < 1 | 0.27 | 10 | 0.11 | 1150 | 1 |
| N110612 | 208 226 | < 0.2 | 0.76 | 46 | 90 | < 0.5 | < 2 | 4.52 | < 0.5 | 60 | 66 | 57 | 2.24 | < 10 | < 1 | 0.60 | 30 | 0.05 | 960 | 1 |
| N110613 | 208 226 | 0.2 | 0.44 | 122 | 70 | < 0.5 | < 2 | 2.53 | < 0.5 | 6 | 60 | 17 | 3.42 | < 10 | < 1 | 0.35 | < 10 | 0.14 | 495 | 3 |
| N110614 | 208 226 | 0.6 | 0.75 | 64 | 230 | 0.5 | < 2 | 2.92 | < 0.5 | 12 | 112 | 34 | 3.08 | < 10 | < 1 | 0.45 | 10 | 0.71 | 580 | 3 |
| N110615 | 208 226 | < 0.2 | 0.35 | 48 | 120 | < 0.5 | < 2 | 2.59 | < 0.5 | 6 | 56 | 5 | 2.45 | < 10 | < 1 | 0.34 | 10 | 0.28 | 445 | 1 |
| N110616 | 208 226 | 0.2 | 0.63 | 18 | 480 | < 0.5 | < 2 | 4.98 | 0.5 | 12 | 97 | 32 | 2.93 | < 10 | < 1 | 0.37 | 10 | 0.81 | 610 | 3 |
| N110617 | 208 226 | < 0.2 | 2.76 | 38 | 170 | < 0.5 | < 2 | 5.14 | < 0.5 | 28 | 122 | 66 | 6.34 | < 10 | 1 | 0.20 | < 10 | 2.79 | 1000 | < 1 |
| N110618 | 208 226 | < 0.2 | 0.85 | 20 | 640 | 0.5 | < 2 | 4.91 | 1.0 | 10 | 94 | 78 | 2.60 | < 10 | 1 | 0.46 | 10 | 1.16 | 600 | 1 |
| N110619 | 208 226 | 1.2 | 0.57 | 64 | 130 | < 0.5 | < 2 | 2.42 | 0.5 | 9 | 160 | 68 | 2.72 | < 10 | < 1 | 0.28 | < 10 | 0.68 | 280 | 11 |
| N110620 | 208 226 | < 0.2 | 0.64 | 188 | 70 | < 0.5 | < 2 | 3.39 | < 0.5 | 2 | 85 | 5 | 2.04 | < 10 | < 1 | 0.58 | 10 | 0.10 | 850 | 4 |
| N110736 | 208 226 | < 0.2 | 0.48 | 14 | 170 | < 0.5 | < 2 | 0.53 | < 0.5 | 6 | 127 | 11 | 0.93 | < 10 | < 1 | 0.30 | 20 | 0.11 | 305 | 1 |
| N110737 | 208 226 | < 0.2 | 0.43 | 8 | 100 | < 0.5 | < 2 | 0.12 | < 0.5 | 3 | 183 | 4 | 0.46 | < 10 | < 1 | 0.33 | 20 | 0.03 | 55 | < 1 |
| N110738 | 208 226 | 0.6 | 0.31 | 8 | 100 | < 0.5 | < 2 | 0.01 | < 0.5 | < 1 | 45 | 1 | 0.38 | < 10 | < 1 | 0.41 | 10 | 0.01 | 5 | < 1 |
| N110739 | 208 226 | 0.2 | 0.44 | 12 | 100 | < 0.5 | < 2 | 0.04 | < 0.5 | 1 | 168 | 2 | 0.43 | < 10 | < 1 | 0.34 | 20 | 0.01 | 20 | < 1 |
| N110740 | 208 226 | 0.2 | 0.41 | 20 | 110 | < 0.5 | < 2 | 0.09 | 1.0 | 2 | 94 | 4 | 1.01 | < 10 | < 1 | 0.30 | 20 | 0.01 | 30 | 1 |
| N110741 | 208 226 | < 0.2 | 0.45 | 6 | 120 | < 0.5 | < 2 | 0.06 | < 0.5 | 1 | 187 | 2 | 0.54 | < 10 | < 1 | 0.40 | 30 | < 0.01 | 20 | < 1 |
| N110742 | 208 226 | < 0.2 | 0.34 | 8 | 90 | < 0.5 | < 2 | 0.06 | < 0.5 | < 1 | 109 | 3 | 0.41 | < 10 | < 1 | 0.29 | 30 | < 0.01 | 15 | < 1 |
| N110743 | 208 226 | < 0.2 | 0.42 | 10 | 120 | < 0.5 | < 2 | 0.05 | < 0.5 | < 1 | 139 | 3 | 0.48 | < 10 | < 1 | 0.38 | 20 | < 0.01 | 15 | 1 |
| N110744 | 208 226 | 0.2 | 0.33 | 14 | 100 | < 0.5 | < 2 | 0.06 | < 0.5 | 1 | 121 | 2 | 0.72 | < 10 | < 1 | 0.27 | 20 | 0.01 | 35 | 1 |
| N110745 | 208 226 | 0.2 | 0.29 | 12 | 80 | < 0.5 | < 2 | 0.03 | < 0.5 | < 1 | 28 | 5 | 0.41 | < 10 | < 1 | 0.33 | 40 | 0.01 | 5 | 1 |
| N110746 | 208 226 | 0.6 | 0.33 | 12 | 80 | < 0.5 | < 2 | 0.11 | 2.5 | 3 | 138 | 3 | 0.79 | < 10 | < 1 | 0.25 | 10 | < 0.01 | 75 | 1 |
| N110747 | 208 226 | 0.4 | 0.57 | 14 | 130 | < 0.5 | < 2 | 0.08 | 2.0 | 4 | 154 | 5 | 0.76 | < 10 | < 1 | 0.42 | 20 | 0.01 | 50 | 1 |
| N110748 | 208 226 | 0.2 | 0.41 | 10 | 90 | < 0.5 | < 2 | 0.09 | 1.5 | 4 | 107 | 3 | 0.58 | < 10 | < 1 | 0.31 | 10 | 0.01 | 50 | 1 |
| N110749 | 208 226 | 0.2 | 0.28 | 10 | 60 | < 0.5 | < 2 | 1.12 | < 0.5 | 1 | 32 | 4 | 0.47 | < 10 | < 1 | 0.38 | 10 | 0.04 | 150 | 5 |
| N110750 | 208 226 | < 0.2 | 0.48 | 26 | 90 | 0.5 | < 2 | 1.34 | < 0.5 | 1 | 57 | 3 | 0.45 | < 10 | < 1 | 0.54 | 10 | 0.07 | 170 | 3 |
| N110751 | 208 226 | 1.6 | 0.56 | 40 | 50 | < 0.5 | < 2 | 2.87 | < 0.5 | 4 | 137 | 13 | 1.87 | < 10 | < 1 | 0.49 | 10 | 0.25 | 720 | 3 |

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: LEAGUE
Comments:

Page: 2-B
Total Pages: 3
Certificate Date: 31-JUL-96
Invoice No.: I9625261
P.O. Number:
Account: MPO

CERTIFICATE OF ANALYSIS

A9625261

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Tl % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---------|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| N110597 | 208 226 | < 0.01 | 1 | 380 | 20 | < 2 | < 1 | 48 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 18 |
| N110598 | 208 226 | < 0.01 | 3 | 340 | 36 | < 2 | < 1 | 47 | < 0.01 | < 10 | < 10 | 1 | < 10 | 36 |
| N110599 | 208 226 | < 0.01 | 14 | 190 | 10 | < 2 | < 1 | 49 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 6 |
| N110600 | 208 226 | < 0.01 | 33 | 340 | 28 | < 2 | < 1 | 33 | < 0.01 | < 10 | < 10 | 1 | < 10 | 8 |
| N110601 | 208 226 | < 0.01 | 1 | 300 | 20 | < 2 | < 1 | 116 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 22 |
| N110602 | 208 226 | < 0.01 | 3 | 410 | 16 | < 2 | < 1 | 54 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 16 |
| N110603 | 208 226 | < 0.01 | 1 | 370 | 14 | < 2 | < 1 | 65 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 18 |
| N110604 | 208 226 | < 0.01 | 1 | 360 | 14 | < 2 | < 1 | 67 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 22 |
| N110605 | 208 226 | < 0.01 | 1 | 360 | 12 | < 2 | < 1 | 55 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 8 |
| N110606 | 208 226 | < 0.01 | 17 | 270 | 38 | 2 | < 1 | 42 | < 0.01 | < 10 | < 10 | 1 | < 10 | 50 |
| N110607 | 208 226 | < 0.01 | 105 | 540 | 16 | < 2 | 3 | 140 | < 0.01 | < 10 | < 10 | 14 | < 10 | 24 |
| N110608 | 208 226 | < 0.01 | 242 | 180 | 12 | 2 | 4 | 247 | < 0.01 | < 10 | < 10 | 19 | < 10 | 48 |
| N110609 | 208 226 | < 0.01 | 75 | 120 | 8 | 2 | 1 | 87 | < 0.01 | < 10 | < 10 | 3 | < 10 | 10 |
| N110610 | 208 226 | < 0.01 | 9 | 110 | 8 | < 2 | < 1 | 37 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 2 |
| N110611 | 208 226 | < 0.01 | 35 | 210 | 16 | < 2 | 1 | 49 | < 0.01 | < 10 | < 10 | 1 | < 10 | 26 |
| N110612 | 208 226 | 0.01 | 189 | 490 | 34 | 2 | 1 | 78 | < 0.01 | < 10 | < 10 | 11 | < 10 | 8 |
| N110613 | 208 226 | < 0.01 | 11 | 370 | 26 | < 2 | 1 | 72 | < 0.01 | < 10 | < 10 | 2 | < 10 | 4 |
| N110614 | 208 226 | < 0.01 | 32 | 900 | 22 | < 2 | 4 | 92 | < 0.01 | < 10 | < 10 | 25 | < 10 | 80 |
| N110615 | 208 226 | < 0.01 | 7 | 770 | 12 | < 2 | 2 | 78 | < 0.01 | < 10 | < 10 | 3 | < 10 | 44 |
| N110616 | 208 226 | < 0.01 | 35 | 1140 | 22 | < 2 | 3 | 169 | < 0.01 | < 10 | < 10 | 18 | < 10 | 122 |
| N110617 | 208 226 | < 0.01 | 83 | 1190 | 14 | < 2 | 10 | 245 | < 0.01 | < 10 | < 10 | 77 | < 10 | 304 |
| N110618 | 208 226 | < 0.01 | 28 | 1040 | 38 | < 2 | 4 | 223 | < 0.01 | < 10 | < 10 | 19 | < 10 | 270 |
| N110619 | 208 226 | < 0.01 | 66 | 4760 | 22 | 2 | 2 | 179 | < 0.01 | < 10 | < 10 | 108 | < 10 | 144 |
| N110620 | 208 226 | < 0.01 | 6 | 180 | 10 | < 2 | < 1 | 60 | < 0.01 | < 10 | < 10 | 2 | < 10 | 10 |
| N110736 | 208 226 | 0.01 | 20 | 370 | 16 | < 2 | 1 | 20 | 0.02 | < 10 | < 10 | 10 | < 10 | 170 |
| N110737 | 208 226 | < 0.01 | 11 | 200 | 12 | < 2 | < 1 | 15 | < 0.01 | < 10 | < 10 | 1 | < 10 | 96 |
| N110738 | 208 226 | < 0.01 | 1 | 90 | 28 | < 2 | < 1 | 23 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 16 |
| N110739 | 208 226 | < 0.01 | 5 | 130 | 14 | < 2 | < 1 | 30 | < 0.01 | < 10 | < 10 | 1 | < 10 | 66 |
| N110740 | 208 226 | < 0.01 | 9 | 420 | 42 | < 2 | < 1 | 31 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 286 |
| N110741 | 208 226 | < 0.01 | 6 | 270 | 20 | < 2 | < 1 | 15 | < 0.01 | < 10 | < 10 | 1 | < 10 | 122 |
| N110742 | 208 226 | < 0.01 | 3 | 270 | 22 | < 2 | < 1 | 16 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 106 |
| N110743 | 208 226 | < 0.01 | 4 | 260 | 22 | < 2 | < 1 | 21 | < 0.01 | < 10 | < 10 | 1 | < 10 | 92 |
| N110744 | 208 226 | < 0.01 | 6 | 280 | 70 | < 2 | < 1 | 27 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 152 |
| N110745 | 208 226 | < 0.01 | 3 | 180 | 42 | < 2 | < 1 | 14 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 78 |
| N110746 | 208 226 | < 0.01 | 8 | 400 | 130 | < 2 | < 1 | 25 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 596 |
| N110747 | 208 226 | < 0.01 | 8 | 330 | 66 | < 2 | < 1 | 14 | < 0.01 | < 10 | < 10 | 1 | < 10 | 518 |
| N110748 | 208 226 | < 0.01 | 8 | 330 | 24 | < 2 | < 1 | 9 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 172 |
| N110749 | 208 226 | < 0.01 | 1 | 310 | 40 | < 2 | < 1 | 49 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 68 |
| N110750 | 208 226 | 0.01 | 1 | 330 | 54 | < 2 | < 1 | 66 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 40 |
| N110751 | 208 226 | < 0.01 | 18 | 130 | 34 | < 2 | < 1 | 44 | < 0.01 | < 10 | < 10 | 1 | < 10 | 12 |

CERTIFICATION: Hunt Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project : LEAGUE
 Comments:

Page : 3-A
 Total Pages : 3
 Certificate Date: 31-JUL-96
 Invoice No. : 19625261
 P.O. Number :
 Account : MPO

CERTIFICATE OF ANALYSIS A9625261

| SAMPLE | PREP CODE | 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 | No ppm |
|---------|-----------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|--------|
| N110752 | 208 226 | 3.6 | 0.32 | 24 | 30 | < 0.5 | < 2 | 2.25 | 2.5 | 2 | 112 | 13 | 1.54 | < 10 | < 1 | 0.26 | 10 | 0.05 | 340 | 2 |
| N110753 | 208 226 | 3.2 | 0.38 | 48 | 30 | < 0.5 | < 2 | 2.15 | 0.5 | 2 | 95 | 13 | 1.58 | < 10 | < 1 | 0.27 | 20 | 0.05 | 275 | 3 |
| N110754 | 208 226 | < 0.2 | 0.37 | 22 | 30 | < 0.5 | < 2 | 3.75 | < 0.5 | 1 | 77 | 3 | 0.57 | < 10 | < 1 | 0.35 | 30 | 0.02 | 705 | < 1 |
| N110755 | 208 226 | < 0.2 | 0.37 | 30 | 30 | < 0.5 | < 2 | 2.29 | < 0.5 | 2 | 104 | 4 | 0.56 | < 10 | < 1 | 0.33 | 30 | 0.02 | 430 | < 1 |
| N110756 | 208 226 | < 0.2 | 0.35 | 50 | 30 | < 0.5 | < 2 | 3.61 | < 0.5 | < 1 | 116 | 2 | 0.65 | < 10 | < 1 | 0.34 | 30 | 0.03 | 565 | < 1 |
| N110757 | 208 226 | < 0.2 | 1.97 | 36 | 80 | < 0.5 | < 2 | 5.53 | < 0.5 | 22 | 170 | 35 | 2.84 | < 10 | < 1 | 0.27 | 10 | 1.49 | 825 | < 1 |
| N110758 | 208 226 | 0.2 | 4.59 | 26 | 100 | < 0.5 | < 2 | 4.34 | < 0.5 | 36 | 282 | 65 | 6.06 | 10 | < 1 | 0.12 | < 10 | 4.59 | 885 | < 1 |
| N110759 | 208 226 | < 0.2 | 0.62 | < 2 | 70 | < 0.5 | < 2 | 3.37 | < 0.5 | 51 | 43 | 79 | 2.58 | < 10 | 1 | 0.50 | < 10 | 0.11 | 1175 | < 1 |
| N110760 | 208 226 | < 0.2 | 0.92 | 14 | 90 | < 0.5 | < 2 | 4.36 | < 0.5 | 55 | 56 | 72 | 2.76 | < 10 | < 1 | 0.58 | < 10 | 0.17 | 1200 | < 1 |
| N110761 | 208 226 | < 0.2 | 3.88 | 6 | 50 | < 0.5 | < 2 | 4.76 | < 0.5 | 35 | 349 | 56 | 5.72 | 10 | 1 | 0.04 | < 10 | 3.89 | 835 | < 1 |
| N110762 | 208 226 | < 0.2 | 3.62 | 4 | 90 | < 0.5 | < 2 | 4.38 | < 0.5 | 32 | 295 | 47 | 5.06 | 10 | < 1 | 0.09 | < 10 | 4.13 | 650 | < 1 |

CERTIFICATION:

[Handwritten Signature]



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project : LEAGUE
 Comments:

Page 1 of 3-B
 Total Pages : 3
 Certificate Date: 31-JUL-96
 Invoice No. : 19625261
 P.O. Number :
 Account : MPO

CERTIFICATE OF ANALYSIS A9625261

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---------|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| N110752 | 208 226 | 0.01 | 5 | 270 | 382 | < 2 | < 1 | 37 | < 0.01 | < 10 | < 10 | 2 | < 10 | 780 |
| N110753 | 208 226 | 0.01 | 4 | 270 | 378 | < 2 | < 1 | 33 | < 0.01 | < 10 | < 10 | 2 | < 10 | 390 |
| N110754 | 208 226 | 0.01 | 1 | 150 | 8 | < 2 | < 1 | 49 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 4 |
| N110755 | 208 226 | 0.01 | 2 | 150 | 6 | < 2 | < 1 | 31 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 2 |
| N110756 | 208 226 | < 0.01 | 2 | 90 | 8 | < 2 | < 1 | 50 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 4 |
| N110757 | 208 226 | 0.01 | 89 | 230 | 6 | 2 | 5 | 75 | < 0.01 | < 10 | < 10 | 41 | < 10 | 36 |
| N110758 | 208 226 | 0.01 | 138 | 290 | 8 | 2 | 15 | 80 | < 0.01 | < 10 | < 10 | 87 | < 10 | 74 |
| N110759 | 208 226 | < 0.01 | 171 | 550 | 22 | < 2 | 1 | 58 | 0.01 | < 10 | < 10 | 9 | < 10 | 10 |
| N110760 | 208 226 | < 0.01 | 199 | 520 | 28 | < 2 | 2 | 77 | 0.03 | < 10 | < 10 | 13 | < 10 | 12 |
| N110761 | 208 226 | 0.02 | 140 | 270 | 8 | < 2 | 17 | 159 | 0.06 | < 10 | < 10 | 134 | < 10 | 72 |
| N110762 | 208 226 | 0.01 | 138 | 270 | 2 | 2 | 14 | 151 | < 0.01 | < 10 | < 10 | 104 | < 10 | 62 |

CERTIFICATION:

[Handwritten Signature]



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page : 1-A
Total Pages : 1
Certificate Date: 09-AUG-96
Invoice No. : 19626047
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9626047

| SAMPLE | PREP CODE | 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 | Mo ppm |
|---------|-----------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|--------|--------|--------|
| N112034 | 244 229 | 0.8 | 0.24 | 26 | 100 | < 0.5 | < 2 | 0.37 | < 0.5 | 2 | 115 | 4 | 0.78 | < 10 | < 1 | 0.21 | 10 | < 0.01 | 45 | 2 |
| N112035 | 244 229 | 2.0 | 0.26 | 36 | 90 | < 0.5 | < 2 | 0.35 | < 0.5 | 3 | 108 | 6 | 1.22 | < 10 | < 1 | 0.19 | 10 | 0.01 | 35 | 2 |
| N112036 | 244 229 | 17.8 | 0.35 | 78 | 70 | < 0.5 | < 2 | 0.42 | 1.0 | 5 | 83 | 26 | 3.25 | < 10 | 1 | 0.17 | 10 | < 0.01 | 55 | 1 |
| N112037 | 244 229 | 5.0 | 0.31 | 56 | 110 | < 0.5 | < 2 | 0.68 | 0.5 | 5 | 98 | 10 | 1.69 | < 10 | 1 | 0.21 | 10 | < 0.01 | 85 | 2 |
| N112040 | 244 229 | 24.4 | 0.53 | 3160 | 170 | < 0.5 | < 2 | 0.78 | 9.5 | 18 | 62 | 40 | 1.62 | < 10 | < 1 | 0.36 | 10 | 0.02 | 165 | 2 |
| N112041 | 244 229 | 5.8 | 0.69 | 128 | 110 | < 0.5 | < 2 | 0.18 | 1.0 | 14 | 63 | 14 | 1.93 | < 10 | < 1 | 0.45 | 30 | 0.03 | 50 | 3 |
| N112042 | 244 229 | 1.6 | 0.53 | 102 | 70 | < 0.5 | < 2 | 1.37 | 9.0 | 6 | 43 | 6 | 1.65 | < 10 | 3 | 0.38 | 30 | 0.03 | 115 | 3 |
| N112043 | 244 229 | 1.0 | 0.48 | 30 | 80 | < 0.5 | < 2 | 1.76 | 2.0 | 5 | 80 | 4 | 1.19 | < 10 | < 1 | 0.29 | 10 | 0.03 | 145 | 3 |
| N112044 | 244 229 | 1.8 | 0.48 | 50 | 70 | < 0.5 | < 2 | 0.50 | 42.0 | 5 | 94 | 7 | 1.27 | < 10 | 3 | 0.25 | 10 | 0.02 | 95 | 2 |
| N112045 | 244 229 | 1.2 | 0.53 | 32 | 70 | < 0.5 | < 2 | 0.63 | < 0.5 | 4 | 79 | 3 | 1.51 | < 10 | < 1 | 0.32 | 30 | 0.03 | 100 | 3 |
| N112046 | 244 229 | 1.2 | 0.55 | 32 | 120 | < 0.5 | < 2 | 1.42 | 0.5 | 4 | 56 | 4 | 1.39 | < 10 | < 1 | 0.35 | 30 | 0.05 | 115 | 3 |
| N112047 | 244 229 | 1.2 | 0.65 | 22 | 90 | < 0.5 | < 2 | 2.05 | 1.5 | 7 | 35 | 8 | 2.98 | < 10 | < 1 | 0.50 | 50 | 0.05 | 285 | 4 |
| N110457 | 244 229 | 0.2 | 0.63 | 24 | 170 | < 0.5 | < 2 | 5.59 | 0.5 | 16 | 71 | 29 | 1.02 | < 10 | < 1 | 0.40 | 10 | 0.06 | 615 | 1 |
| N110458 | 244 229 | 0.8 | 0.46 | 50 | 130 | < 0.5 | < 2 | 4.50 | 21.0 | 22 | 45 | 36 | 2.11 | < 10 | < 1 | 0.31 | < 10 | 0.06 | 540 | 1 |
| N110459 | 244 229 | 0.6 | 0.31 | 18 | 100 | < 0.5 | < 2 | 2.97 | 0.5 | 7 | 83 | 30 | 0.72 | < 10 | < 1 | 0.20 | < 10 | 0.07 | 320 | 1 |
| N110460 | 244 229 | 0.8 | 0.46 | 14 | 110 | < 0.5 | < 2 | 3.69 | 1.0 | 23 | 38 | 24 | 3.14 | < 10 | < 1 | 0.25 | < 10 | 0.18 | 400 | 1 |
| N110485 | 244 229 | 0.8 | 0.70 | 44 | 200 | < 0.5 | < 2 | 5.79 | 1.0 | 32 | 92 | 57 | 2.57 | < 10 | < 1 | 0.63 | < 10 | 0.06 | 1305 | 3 |
| N110486 | 244 229 | 1.8 | 0.51 | 54 | 110 | < 0.5 | < 2 | 7.59 | 21.0 | 43 | 49 | 59 | 4.20 | < 10 | 1 | 0.41 | < 10 | 0.07 | 1055 | 1 |
| N110487 | 244 229 | 2.6 | 0.63 | 40 | 120 | < 0.5 | < 2 | 8.65 | 42.5 | 43 | 58 | 73 | 4.22 | < 10 | 3 | 0.43 | < 10 | 0.09 | 1155 | 1 |
| N110496 | 244 229 | 1.0 | 0.55 | 46 | 110 | < 0.5 | < 2 | 5.88 | 4.0 | 28 | 92 | 53 | 2.87 | < 10 | < 1 | 0.39 | < 10 | 0.06 | 860 | 3 |

CERTIFICATION: Hart Buehler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Page : 1-B
 Total P. : 1
 Certificate Date: 09-AUG-96
 Invoice No. : 19626047
 P.O. Number :
 Account : MPO

Project : LEAGUE
 Comments:

CERTIFICATE OF ANALYSIS A9626047

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---------|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| N112034 | 244 229 | < 0.01 | 6 | 270 | 34 | < 2 | < 1 | 18 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 114 |
| N112035 | 244 229 | < 0.01 | 9 | 320 | 744 | 2 | < 1 | 16 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 36 |
| N112036 | 244 229 | < 0.01 | 14 | 440 | 9000 | 14 | < 1 | 25 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 164 |
| N112037 | 244 229 | < 0.01 | 11 | 340 | 780 | 8 | < 1 | 30 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 226 |
| N112040 | 244 229 | < 0.01 | 34 | 640 | 934 | 24 | < 1 | 43 | < 0.01 | < 10 | < 10 | 7 | < 10 | 1225 |
| N112041 | 244 229 | < 0.01 | 31 | 650 | 1330 | 4 | < 1 | 13 | < 0.01 | < 10 | < 10 | 5 | < 10 | 202 |
| N112042 | 244 229 | < 0.01 | 16 | 400 | 264 | 2 | < 1 | 50 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 2640 |
| N112043 | 244 229 | < 0.01 | 9 | 280 | 288 | < 2 | < 1 | 71 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 706 |
| N112044 | 244 229 | < 0.01 | 14 | 310 | 550 | < 2 | < 1 | 17 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 3810 |
| N112045 | 244 229 | < 0.01 | 10 | 290 | 38 | < 2 | < 1 | 19 | < 0.01 | < 10 | < 10 | 1 | < 10 | 210 |
| N112046 | 244 229 | < 0.01 | 11 | 390 | 38 | < 2 | < 1 | 40 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 336 |
| N112047 | 244 229 | < 0.01 | 22 | 390 | 102 | < 2 | < 1 | 47 | < 0.01 | < 10 | < 10 | 1 | < 10 | 342 |
| N110457 | 244 229 | < 0.01 | 10 | 1340 | 60 | < 2 | 2 | 154 | < 0.01 | < 10 | < 10 | 13 | < 10 | 140 |
| N110458 | 244 229 | < 0.01 | 21 | 1460 | 692 | < 2 | 2 | 82 | < 0.01 | < 10 | < 10 | 15 | < 10 | 4060 |
| N110459 | 244 229 | < 0.01 | 21 | 1670 | 226 | < 2 | < 1 | 59 | < 0.01 | < 10 | < 10 | 14 | < 10 | 454 |
| N110460 | 244 229 | < 0.01 | 19 | 1520 | 236 | < 2 | 1 | 79 | < 0.01 | < 10 | < 10 | 12 | < 10 | 254 |
| N110485 | 244 229 | < 0.01 | 53 | 590 | 38 | < 2 | 4 | 106 | < 0.01 | < 10 | < 10 | 16 | < 10 | 86 |
| N110486 | 244 229 | 0.01 | 101 | 620 | 126 | 4 | 4 | 136 | < 0.01 | < 10 | < 10 | 10 | < 10 | 3740 |
| N110487 | 244 229 | 0.01 | 87 | 720 | 364 | 2 | 5 | 155 | < 0.01 | < 10 | < 10 | 12 | < 10 | 6830 |
| N110496 | 244 229 | 0.01 | 57 | 580 | 84 | 2 | 3 | 118 | < 0.01 | < 10 | < 10 | 14 | < 10 | 546 |

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: LEAGUE
Comments:

Page: 1
Total Pages: 1
Certificate Date: 06-OCT-96
Invoice No.: 19632768
P.O. Number:
Account: MPO

CERTIFICATE OF ANALYSIS

A9632768

| SAMPLE | PREP CODE | | Al2O3 % | CaO % | Cr2O3 % | Fe2O3 % | K2O % | MgO % | MnO % | Na2O % | P2O5 % | SiO2 % | TiO2 % | LOI % | TOTAL % | Ba ppm | Rb ppm | Sr ppm | Nb ppm | Zr ppm | Y ppm |
|----------------|-----------|-----|---------|-------|---------|---------|-------|-------|-------|--------|--------|--------|--------|-------|---------|--------|--------|--------|--------|--------|-------|
| | | | XRF | XRF | XRF | XRF | XRF | XRF | XRF | XRF | XRF | XRF | XRF | XRF | % | | | | | | |
| Lg9602 N110285 | 208 | 294 | 14.88 | 8.22 | 0.01 | 9.96 | 0.82 | 8.12 | 0.13 | 2.86 | 0.08 | 49.65 | 1.02 | 3.86 | 99.61 | 360 | 18 | 90 | 4 | 51 | 12 |
| Lg9602 N110286 | 208 | 294 | 13.59 | 5.58 | < 0.01 | 12.37 | 0.33 | 5.61 | 0.19 | 4.24 | 0.51 | 48.42 | 2.29 | 6.73 | 99.86 | 1470 | 8 | 222 | 24 | 222 | 40 |

CERTIFICATION: Hart Bichler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: LEAGUE
Comments: CC: LEE PIGAGE

Page: 1
Total: 1
Certificate Date: 20-OCT-96
Invoice No.: 19635211
P.O. Number:
Account: MPO

CERTIFICATE OF ANALYSIS A9635211

| SAMPLE | PREP CODE | Al2O3 % | CaO % | Cr2O3 % | Fe2O3 % | K2O % | MgO % | MnO % | Na2O % | P2O5 % | SiO2 % | TiO2 % | LOI % | TOTAL % | Ba ppm | Rb ppm | Sr ppm | Nb ppm | Zr ppm | Y ppm |
|--------|-----------|---------|-------|---------|---------|-------|--------|--------|--------|--------|--------|--------|-------|---------|--------|--------|--------|--------|--------|-------|
| | | XRF | XRF | XRF | XRF | XRF | XRF | XRF | XRF | XRF | XRF | XRF | XRF | XRF | % | ppm | ppm | ppm | ppm | ppm |
| C20001 | 283 -- | 9.76 | 4.96 | < 0.01 | 1.41 | 7.13 | 0.04 | 0.06 | 0.36 | 0.06 | 70.60 | 0.22 | 4.89 | 99.49 | 1320 | 146 | 146 | 14 | 201 | 42 |
| C20002 | 283 -- | 10.74 | 0.49 | < 0.01 | 2.16 | 8.17 | < 0.01 | 0.01 | 0.14 | 0.09 | 74.70 | 0.25 | 2.04 | 98.79 | 1800 | 148 | 32 | 16 | 219 | 38 |
| C20003 | 283 -- | 14.19 | 0.20 | < 0.01 | 2.18 | 7.66 | 0.41 | 0.01 | 0.10 | 0.10 | 71.50 | 0.30 | 2.63 | 99.28 | 1250 | 164 | 18 | 22 | 270 | 48 |
| C20004 | 283 -- | 12.58 | 1.22 | < 0.01 | 2.95 | 5.13 | 0.57 | 0.03 | < 0.01 | 0.10 | 71.94 | 0.42 | 3.42 | 98.36 | 770 | 142 | 38 | 18 | 240 | 42 |
| C20005 | 283 -- | 13.94 | 3.89 | < 0.01 | 3.25 | 6.93 | 0.62 | 0.05 | 0.01 | 0.19 | 64.33 | 0.58 | 5.56 | 99.35 | 1390 | 174 | 80 | 34 | 645 | 52 |
| C20006 | 283 -- | 13.92 | 3.09 | < 0.01 | 3.97 | 4.60 | 1.26 | 0.09 | < 0.01 | 0.04 | 67.60 | 0.29 | 5.05 | 99.91 | 1670 | 156 | 44 | 18 | 249 | 40 |
| C20007 | 283 -- | 10.82 | 0.62 | < 0.01 | 1.59 | 8.08 | 0.01 | < 0.01 | 0.15 | 0.06 | 76.04 | 0.25 | 1.68 | 99.30 | 2170 | 142 | 38 | 16 | 210 | 32 |
| C20008 | 283 -- | 11.81 | 0.58 | < 0.01 | 4.34 | 7.55 | 0.07 | 0.01 | 0.28 | 0.08 | 69.50 | 0.29 | 3.78 | 98.29 | 1810 | 142 | 28 | 18 | 228 | 38 |
| C20009 | 283 -- | 13.75 | 2.16 | < 0.01 | 2.00 | 5.08 | 0.58 | 0.04 | < 0.01 | 0.09 | 71.28 | 0.33 | 4.04 | 99.35 | 615 | 174 | 60 | 22 | 279 | 46 |

CERTIFICATION: Hart Buchler

APPENDIX IV
VANCOUVER PETROGRAPHICS LTD. REPORT



Vancouver Petrographics Ltd.

8080 GLOVER ROAD, LANGLEY, B.C. V3A 4P9
PHONE (604) 888-1323 • FAX (604) 888-3642

Report # 960624 for:

Tom Becker,
Archer Cathro & Associates,
1016 - 510 West Hastings Street,
Vancouver, B.C., V6B 1L8

September, 1996

copy to:
Lee Pigage, L.C. Pigage Consulting,
2 Rosewood Place, Whitehorse, Yukon, Y1A 4X3

Project: Finlayson

Property: League

Samples:

| | |
|-----------------|---|
| LG96-01: | 24.35 m, 190.70 m |
| LG96-02: | 24.80 m, 34.92 m, 42.00 m, 44.65 m, 48.45 m, 65.40 m, 130.10 m, 212.90 m, 227.25 m |
| LG96-05: | 46.70 m, 74.75 m, 113.90 m |

Summary:

Samples do not contain diagnostic metamorphic minerals. The assemblage epidote-chlorite-tremolite/actinolite is suggestive of the upper greenschist facies. Other specific questions are answered in the descriptions of individual samples.

Sample LG96-01 24.35 m is a metamorphosed dacite crystal tuff containing crystal fragments of plagioclase and quartz and minor dacite(?) fragments in a well foliated groundmass dominated by plagioclase-quartz with seams parallel to foliation dominated by muscovite and disseminated grains of calcite. Some muscovite-rich zones contain abundant kink folds. Leucoxene/opaque is concentrated in wispy seams parallel to foliation. Textures in muscovite-rich bands and patches indicate late shearing and recrystallization with axial planes along the present foliation plane.

Sample LG96-01 190.70 m is a thin bedded, very fine to extremely fine grained, meta-sedimentary rock with bands mainly from 0.5-3 mm in width of the following three main types: a) carbonate-(quartz), b) carbonate, and c) muscovite-carbonate with wispy seams of carbonaceous opaque parallel to compositional banding. Irregular, coarser grained, recrystallized patches are of calcite-quartz-(pyrite-muscovite). Foliation cuts across the bands and is parallel to a kink fold axial plane which is best developed in the muscovite-carbonate rich bands and locally in the carbonate-rich bands. The axial plane is accentuated by wispy, recrystallized seams of carbonaceous opaque. The carbonate probably is intermediate between calcite and dolomite; it has a moderate relief and effervesces immediately but slowly with cold, dilute HCl.

Sample LG96-02 24.80 m is a metamorphosed, slightly porphyritic rhyolite containing minor phenocrysts of plagioclase and K-feldspar and spheroidal patches of quartz in a groundmass dominated by K-feldspar and intergrowths of K-feldspar and quartz. Plagioclase phenocrysts are replaced by K-feldspar and quartz. A major veinlike zone is of quartz-pyrite-calcite-muscovite. Numerous veins and replacement patches are of quartz-calcite, and a few veins are of calcite-sericite. Numerous wispy veinlets are of quartz and one discontinuous seam is of muscovite.

Sample LG96-02 34.92 m is a metamorphosed porphyritic rhyodacite containing phenocrysts of plagioclase and minor ones of quartz, and abundant spheroidal patches of K-feldspar-quartz rimmed by dusty opaque in an extremely fine grained groundmass of feldspar and quartz, which are obscured by abundant dusty opaque, and patches of pyrite. Plagioclase phenocrysts are replaced by irregular intergrowths of quartz and lesser K-feldspar. A few veinlets are of quartz with or without minor sericite/muscovite and calcite.

Sample LG96-02 42.00 m contains lensy fragments of metamorphosed latite dominated by plagioclase and lesser sericite and minor K-feldspar enclosed in a matrix dominated by very fine grained quartz with minor sericite and pyrite. Coarser veinlets and replacement patches are dominated by quartz. A few patches contain clusters of pyrite and some veinlets contain patches limonite in their cores.

Sample LG96-02 44.65 m is a metamorphosed, altered latite/andesite tuff. Fragments of K-feldspar (microcline) (probably after original plagioclase phenocrysts) are set in a moderately well foliated groundmass dominated by sericite with much less abundant feldspar and moderately abundant leucoxene. A replacement patch up to a few mm across and several smaller patches and veinlets are of quartz-pyrite.

Sample LG96-02 48.45 m is a metamorphosed, slightly porphyritic rhyodacite containing phenocrysts of K-feldspar and minor ones of quartz in a well foliated groundmass dominated by quartz and lesser muscovite/sericite. Two parallel veins up to 3 mm wide are of quartz and calcite with patches of sulfides dominated by sphalerite with lesser pyrite and galena. Smaller replacement patches are dominated by quartz and pyrite. Muscovite-rich bands show well developed, closely spaced kink folds.

Sample LG96-02 65.40 m is a metamorphosed andesite/basalt crystal tuff in which plagioclase phenocrysts are concentrated in irregular patches in a well foliated groundmass of tremolite/actinolite, epidote, plagioclase, and chlorite, with minor lenses of leucoxene and pyrite. A mafic-rich patch occupying 35-40% of the section is dominated by chlorite, tremolite-actinolite, and epidote, with much less abundant plagioclase and calcite. It may have been formed by replacement. A rounded replacement(?) patch is of calcite. Two veinlets along the contact of the mafic patch are of calcite-(quartz) and of epidote; the latter is contorted moderately. A veinlet is of K-feldspar-(calcite).

Sample LG96-02 130.10 m is a metamorphosed dacite crystal-lithic tuff containing crystal fragments of plagioclase/K-feldspar and minor quartz, and fragments of extremely fine grained trachyte/latite and others of dominated by very fine grained quartz in a cryptocrystalline groundmass dominated by sericite and quartz/K-feldspar. In some parts of the rock, it is difficult to distinguish between lithic fragments and groundmass.

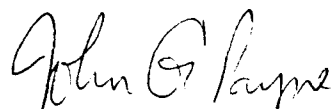
Sample LG96-02 212.90 m is an extremely fine grained argillite dominated by quartz, sericite/muscovite and chlorite with minor carbonaceous opaque and calcite. Numerous replacement patches up to a few mm across are of very fine to locally fine grained calcite and quartz. The rock and replacement patches were cut by a set of kink folds with axial planes spaced between 0.05 and 0.15 mm apart. Axial planes are defined by seams of carbonaceous opaque and elongate, recrystallized flakes of muscovite. Some strong carbonaceous opaque seams cut across the calcite-quartz replacement patches. A few late veinlets of calcite-(quartz) cut across these seams.

Sample LG96-02 227.25 m is a metamorphosed, hypabyssal andesite/diorite dominated by fine to medium grained plagioclase with minor interstitial patches of plagioclase and chlorite, disseminated slender flakes of mariposite(?), and patches of leucoxene and of calcite. A lency vein of calcite with minor quartz has an envelope up to 2 mm wide of mariposite-(chlorite).

Sample LG96-05 46.70 m is a metamorphosed felsite containing minor phenocrysts of quartz in a well foliated, compositionally banded groundmass dominated by quartz with lesser muscovite and much less abundant calcite. Quartz-(calcite) and muscovite are segregated moderately to strongly in separate layers parallel to foliation. A few pods and lenses are of quartz-pyrite-(zircon) and a few are of calcite-quartz. Axial planes of closely spaced, late kink folds cut the foliation at a high angle; they are more prominent in the muscovite-rich layers, in which minor muscovite was recrystallized along axial planes of the kink folds.

Sample LG96-05 74.75 m is a porphyritic rhyodacite containing phenocrysts of K-feldspar-(plagioclase) in a groundmass dominated by K-feldspar with disseminated patches of quartz-(calcite) and minor disseminated sericite. Numerous seams and replacement patches are of sericite. A major replacement patch up to a few cm across (possibly a breccia matrix) is dominated by muscovite and pyrite with much less abundant quartz and minor epidote. A few smaller replacement patches/veins are dominated by very fine to fine grained quartz and minor plagioclase, K-feldspar, and muscovite. One replacement patch is dominated by calcite. One fragment in the hand sample contains several quartz-rich veins up to 2 mm wide; these are not present in the thin section.

Sample LG96-05 113.90 m is a metamorphosed, altered felsite dominated by quartz with less abundant sericite/muscovite and minor calcite. Sericite/muscovite is concentrated in seams parallel to foliation up to 1 mm wide. Coarse grained lenses parallel to foliation are of quartz-calcite. A few patches up to 3 mm across are fold noses in which seams of sericite are warped to orientations sub-perpendicular to the foliation and quartz grains are recrystallized moderately to extremely fine, strongly interlocking grains without any preferred orientation. An irregular band up to 2 mm wide is of cryptocrystalline to extremely fine grained quartz, minor cryptocrystalline sericite, and a veinlet of calcite/ankerite; it is interpreted as a zone of cataclastic deformation. Associated with it is a lency zone up to a few mm wide of porphyroblastic ankerite.



John G. Payne, Ph.D.,

Tel: (604)-986-2928

Fax: (604)-983-3318

**Sample LG96-01 24.35 m Metamorphosed Dacite Crystal Tuff;
Plagioclase and Quartz Crystal Fragments; Kink-fold Deformation**
Field Name: VCDC

Crystal fragments of plagioclase and quartz and minor dacite(?) fragments are set in a well foliated groundmass dominated by plagioclase-quartz with seams parallel to foliation dominated by muscovite and disseminated grains of calcite. Some muscovite-rich zones contain abundant kink folds. Leucoxene/opaque is concentrated in wispy seams parallel to foliation. Textures in muscovite-rich bands and patches indicate late shearing and recrystallization with axial planes along the present foliation plane.

crystal fragments

plagioclase 15-17%
quartz 5- 7

dacite(?) fragments

plagioclase/quartz-(opaque) 0.1

groundmass

| | | | |
|--------------------|-------|------------|-------|
| plagioclase/quartz | 45-50 | chlorite | minor |
| muscovite | 17-20 | tourmaline | trace |
| calcite | 4- 5 | apatite | trace |
| leucoxene/opaque | 0.3 | zircon | trace |
| pyrite | 0.3 | | |

Plagioclase forms equant crystal fragments averaging 0.5-1 mm in size, with a few up to 1.7 mm across. Some grains have discontinuous, thin albite twins, typical of metamorphism. Alteration is slight to disseminated, cryptocrystalline to extremely fine grained flakes of sericite and dusty inclusions. A few grains are replaced slightly to moderately by K-feldspar and a few are replaced slightly by ragged patches of calcite. A few grains are recrystallized slightly to groundmass plagioclase along their margins.

Quartz forms phenocrysts and crystal fragments averaging 0.3-0.8 mm in size and a few up to 1.5 mm long. One elongate quartz grain 1.5 mm long has slightly strained extinction.

A few well foliated dacite(?) fragments from 0.6-1.2 mm long are of cryptocrystalline plagioclase/quartz with moderately abundant dusty opaque inclusions.

The groundmass is dominated by equant grains averaging 0.02-0.05 mm in size of plagioclase/quartz.

Muscovite is concentrated in seams parallel to foliation from 0.5-1 mm wide. These contain wispy seams of elongate flakes oriented parallel to foliation which separate patches of equant flakes oriented sub-perpendicular to foliation. Textures suggest that the latter were folded and recrystallized along axial planes of late shear folds. Other patches contain abundant kink folds with axial planes commonly outlined by seams of leucoxene/opaque.

Calcite forms disseminated grains averaging 0.07-0.3 mm in size and a few up to 0.7 mm across. Coarser grains are porphyroblastic, and contain minor inclusions of groundmass plagioclase/quartz averaging 0.02 mm across.

Leucoxene forms wispy seams along the axial planes of folds which sheared the muscovite-rich bands. A few seams up to 0.05 mm wide parallel to foliation are of opaque.

(continued)

Pyrite forms disseminated, subhedral to euhedral grains averaging 0.03-0.05 mm in size and a few patches up to 0.2 mm across. A few euhedral cubic grains are from 0.4-0.8 mm in size. One cluster 1.3 mm across is of a few subhedral to euhedral grains. The large patch contains a minor patch of chlorite 0.15 mm long.

Tourmaline forms subhedral prismatic grains up to 0.15 mm long and 0.05 mm in cross section. They are concentrated strongly in a few seams with muscovite and leucoxene seams. Pleochroism is from neutral to light brownish green.

Chlorite forms a few patches up to 0.15 mm in size of pale green flakes averaging 0.05 mm in size.

Apatite forms anhedral grains averaging 0.02-0.03 mm in size.

Zircon forms disseminated grains averaging 0.02-0.05 mm in size and a few grains from 0.1-0.15 mm across.

**Sample LG96-01 190.70 m Thin Bedded Meta-sedimentary Rock:
Siliceous Limestone, Limy Calcareous Argillite; Limestone;
Strongly Kink-Folded**

Field Name: SLMS

The rock is very fine to extremely fine grained, with bands mainly from 0.5-3 mm in width of the following three main types: a) carbonate-(quartz), b) carbonate, and c) muscovite-carbonate with wispy seams of carbonaceous opaque parallel to compositional banding. Irregular, coarser grained, recrystallized patches are of calcite-quartz-(pyrite-muscovite). Foliation cuts across the bands and is parallel to a kink fold axial plane which is best developed in the muscovite-carbonate rich bands and locally in the carbonate-rich bands. The axial plane is accentuated by wispy, recrystallized seams of carbonaceous opaque. The carbonate probably is intermediate between calcite and dolomite; it has a moderate relief and effervesces immediately but slowly with cold, dilute HCl.

| | |
|-----------------------------------|--------|
| carbonate-(quartz-muscovite) | 60-65% |
| muscovite-carbonate-opaque | 17-20 |
| carbonate | 8-10 |
| recrystallized patches | |
| calcite-quartz-(pyrite-muscovite) | 8-10 |

In the carbonate-(quartz-muscovite) layers, carbonate with moderate relief forms grains averaging 0.01-0.03 mm in size. Quartz and carbonate with lower relief form grains averaging 0.03-0.05 mm in size. Muscovite forms minor disseminated flakes averaging 0.03 mm long. Quartz is concentrated in a few patches up to 0.3 mm in size.

In the muscovite-carbonate-opaque layers, muscovite, carbonate, and minor quartz are intergrown as grains averaging 0.01-0.02 mm in size. Carbonaceous opaque forms wispy seams parallel to compositional banding, these were folded strongly by the kink folding. Bands are contorted tightly about a set of kink folds averaging 0.05-0.15 mm between axial planes, which are accentuated by wispy seams of carbonaceous opaque. Tourmaline forms disseminated euhedral grains averaging 0.02-0.03 mm in cross section and up to 0.1 mm long; pleochroism is from pale to light greenish brown.

Carbonate-rich layers consist of equant grains of carbonate averaging 0.02-0.05 mm in size with a few grains of carbonate and quartz averaging 0.03-0.07 mm in size. Some layers contain patches with moderately abundant, interstitial, dusty carbonaceous opaque.

Irregular replacement patches up to a few mm across are of very fine to locally fine grained calcite-quartz. Muscovite forms disseminated flakes averaging 0.03-0.05 mm long, some of which are oriented parallel to the axial planes of the kink-folds. Muscovite also forms scattered flakes up to 0.2 mm long which cut across the foliation.

Pyrite forms a few subhedral to euhedral grains and clusters of grains averaging 0.1-0.5 mm in size. Bordering some of these are comb-textured overgrowths up to 0.15 mm wide of quartz oriented perpendicular to one or two pyrite crystal faces.

**Sample LG96-02 24.80 m Slightly Porphyritic Rhyolite; Quartz-(Calcite) Spheroids;
Veins and Replacement Patches of Quartz-Pyrite and Quartz-Calcite;
Major Vein/Replacement of Quartz-Pyrite-Calcite-Muscovite**

Field Name: MSRH

Minor phenocrysts of plagioclase and K-feldspar and spheroidal patches of quartz are set in a groundmass dominated by K-feldspar and intergrowths of K-feldspar and quartz. Plagioclase phenocrysts are replaced by K-feldspar and quartz. A major veinlike zone is of quartz-pyrite-calcite-muscovite. Numerous veins and replacement patches are of quartz-calcite, and a few veins are of calcite-sericite. Numerous wispy veinlets are of quartz and one discontinuous seam is of muscovite.

phenocrysts

| | |
|-------------|-------|
| plagioclase | 0.3% |
| K-feldspar | minor |

spheroidal patches

| | |
|------------------|------|
| quartz-(calcite) | 4- 5 |
|------------------|------|

groundmass

| | |
|-------------------|-------|
| K-feldspar | 50-55 |
| K-feldspar-quartz | 17-20 |
| quartz | 5- 7 |
| calcite/ankerite | 0.5 |
| pyrite | 0.3 |
| zircon | trace |

replacement patches, veins

| | |
|---------------------------------|-------|
| quartz-pyrite-muscovite-calcite | 8-10 |
| quartz-calcite-(muscovite) | 5- 7 |
| calcite-sericite | 2- 3 |
| muscovite | trace |

Plagioclase forms a few euhedral grains up to 1.2 mm in size. Alteration is complete to patches of pseudomorphic K-feldspar and replacement patches of very fine grained quartz.

K-feldspar forms a few euhedral phenocrysts from 0.3-0.5 mm in size. Some are replaced moderately by very fine grained quartz.

The groundmass contain patches dominated by K-feldspar grains averaging 0.02-0.05 mm in size with a few prismatic grains from 0.07-0.1 mm long and minor to moderately abundant quartz grains averaging 0.02-0.05 mm in size. Other patches up to 0.5 mm in size are of cryptocrystalline, in part graphic intergrowths of K-feldspar and quartz.

Quartz forms a few spheroidal patches up to 1 mm across of slightly interlocking grains averaging 0.1-0.3 mm in size. It is concentrated moderately in irregular, spheroidal patches averaging 0.1-0.25 mm in size of very fine to extremely fine grained aggregates. A few patches contain moderately abundant disseminated opaque grains up to 0.05 mm in size and a few grains of zircon averaging 0.02 mm in size. One ellipsoidal patch 1.7 mm long has an outer zone of very fine to fine grained quartz and a core of one grain of calcite 1 mm across.

Pyrite forms disseminated, subhedral to euhedral grains averaging 0.02-0.05 mm in size and disseminated grains ranging from dusty to 0.01 mm in size. It is concentrated in a few clusters up to 0.5 mm in size as grains averaging 0.02-0.07 mm in size intergrown with groundmass K-feldspar and quartz.

(continued)

Ankerite forms disseminated, ragged grains averaging 0.05-0.15 mm in size.

Zircon forms disseminated grains averaging 0.02-0.04 mm in size. A few clusters up to 0.15 mm in size of grains up to 0.05 mm in size are associated with clusters of pyrite.

One veinlike zone up to 3 mm wide is of very fine grained quartz and muscovite with abundant patches up to 1.5 mm across of very fine to fine grained pyrite. Calcite forms disseminated grains averaging 0.05-0.1 mm in size and is concentrated in a few patches up to 2 mm across as grains up to 1 mm in size.

Veins and replacement patches up to 1.2 mm wide are of very fine to fine grained quartz and calcite. A few veinlets contain minor patches of muscovite flakes up to 0.2 mm long. A few veins averaging 0.2-0.5 mm wide are of calcite grains averaging 0.02-0.05 mm in size and patches of cryptocrystalline to extremely fine grained sericite.

Veinlets averaging 0.03-0.01 mm in width are of very fine to extremely fine grained quartz.

A discontinuous seam 0.015 mm wide is of very fine grained muscovite.

Sample LG96-02 34.92 m Porphyritic Rhyodacite: Plagioclase, minor Quartz Phenocrysts; K-feldspar-Quartz Spheroids; Quartz Patches, Veinlets

Field Name: MSRH

Phenocrysts of plagioclase and minor ones of quartz, and abundant spheroidal patches of K-feldspar-quartz rimmed by dusty opaque are set in an extremely fine grained groundmass of feldspar and quartz, which are obscured by abundant dusty opaque, and patches of pyrite. Plagioclase phenocrysts are replaced by irregular intergrowths of quartz and lesser K-feldspar. A few veinlets are of quartz with or without minor sericite/muscovite and calcite.

phenocrysts

plagioclase 7- 8%

spheroidal patches

K-feldspar-quartz-opaque-(pyrite-calcite) 20-25

groundmass

feldspar 45-50 pyrite 1- 2%

quartz 10-12 zircon trace

dusty opaque 4- 5

veinlets

quartz-(sericite-calcite) 1- 2

Plagioclase forms euhedral, prismatic phenocrysts averaging 0.7-1.2 mm long with a few up to 2.5 mm long. Alteration is strong to complete, in part to patches of very fine grained quartz and in part to irregular pseudomorphic patches of K-feldspar. Quartz forms a few elongated phenocrysts from 0.3- 0.5 mm long with slightly wavy extinction.

Spheroidal patches averaging 1-1.5 mm in size and a few up to 2 mm across are of intimate intergrowths of K-feldspar and quartz. These include anhedral grains of K-feldspar up to 0.3 mm across, cryptocrystalline graphic intergrowths of quartz in K-feldspar, and patches of extremely fine to very fine grained quartz (concentrated in cores of some patches). A few patches are mainly of very fine grained quartz with minor K-feldspar along the margins. Dusty opaque is moderately abundant in some patches, and is concentrated moderately in irregular patches. It is concentrated strongly along borders of many patches. A few patches contain minor disseminated grains of pyrite averaging 0.02-0.05 mm in size. Calcite forms minor disseminated grains which range from euhedral rhombs averaging 0.1 mm across to anhedral grains averaging 0.02-0.05 mm in size.

Another set of spheroidal patches averages 0.07-0.12 mm in size; these are mainly of extremely fine grained K-feldspar, which commonly has a radiating texture. They too have a thin rim of dusty opaque.

The groundmass is dominated by extremely fine grained feldspar and much less abundant quartz. Dusty opaque is abundant, and obscures the optical properties of the other groundmass minerals. Pyrite is concentrated moderately in a few patches up to 0.5 mm across of euhedral grains averaging 0.03-0.07 mm in size intergrown with interstitial quartz. It also forms a few disseminated subhedral to euhedral grains averaging 0.03-0.05 mm in size. Bordering one is a flake of muscovite 0.05 mm in size. Zircon forms a few anhedral grains averaging 0.02 mm in size.

A few veinlets up to 0.1 mm wide are of extremely fine to very fine grained quartz with minor grains of calcite from 0.05-0.2 mm in size. One of these also contains patches of cryptocrystalline sericite and one contains a few flakes of muscovite up to 0.05 mm long. One lens is of very fine grained quartz and calcite.

**Sample LG96-02 42.00 m Latite Flow Fragments; Quartz-Pyrite Replacement;
Late Quartz-Pyrite Patches, Veinlets**

Field Name: AXRH

The sample contains lensy fragments of latite dominated by plagioclase and lesser sericite and minor K-feldspar enclosed in a matrix dominated by very fine grained quartz with minor sericite and pyrite. Coarser veinlets and replacement patches are dominated by quartz. A few patches contain clusters of pyrite and some veinlets contain patches limonite in their cores.

| latite | | matrix | | replacement | |
|-----------------|----------|---------------|--------|--------------------|--------|
| plagioclase | 30-35% | quartz | 30-35% | quartz | 12-15% |
| sericite | 12-15 | sericite | 2- 3 | pyrite | 1 |
| K-feldspar | 1 | pyrite | 1- 2 | limonite | 0.5 |
| apatite | trace | K-feldspar | 0.3 | | |
| zircon | trace | apatite | minor | | |
| opaque | trace | leucoxene | minor | | |
| rhyolite | 1 | zircon | trace | | |

Latite fragments contain very minor feldspar phenocrysts up to 0.4 mm in size in a groundmass of interlocking plagioclase grains averaging 0.01-0.02 mm in size which were altered moderately to cryptocrystalline to extremely fine grained sericite. Phenocrysts probably were originally plagioclase; they are replaced by pseudomorphic K-feldspar and patches of replacement quartz. In a few patches, sericite is concentrated moderately in seams parallel to foliation parallel to the length of the patches. Apatite forms minor anhedral grains averaging 0.03-0.05 mm in size and a subhedral, prismatic grain 0.12 mm long. Zircon forms minor grains averaging 0.03-0.05 mm in size. Some fragments contain moderately abundant opaque which ranges from dusty to 0.01 mm in size.

Two fragments 1.3 mm and 0.5 mm long, respectively, are of rhyolite containing prismatic grains of K-feldspar up to 0.1 mm long in a groundmass of moderately interlocking quartz and K-feldspar grains averaging 0.02-0.03 mm in size.

The siliceous matrix is dominated by equant quartz grains averaging 0.02-0.05 mm in size. Sericite forms disseminated flakes and clusters and seams of cryptocrystalline to extremely fine grained flakes. Some patches contain abundant dusty opaque. Opaque (pyrite) also is concentrated in patches and seams as disseminated grains averaging 0.01-0.02 mm in size. K-feldspar forms ragged grains up to 0.4 mm in size on margins of some patches. Zircon forms a few equant, anhedral grains up to 0.1 mm in size. Apatite forms a few anhedral grains averaging 0.03-0.08 mm in size and a few prismatic grains up to 0.15 mm long. Leucoxene forms a few patches up to 0.1 mm in size of cryptocrystalline grains.

Replacement patches and veinlets averaging 0.1-0.2 mm wide are dominated by quartz grains averaging 0.03-0.08 mm in size. Pyrite forms several clusters up to 1.2 mm in size of grains averaging 0.01-0.07 mm in size. Bordering some coarser pyrite grains are minor patches up to 0.1 mm wide of comb-textured quartz and locally moderately abundant muscovite oriented perpendicular to pyrite crystal faces. A vein up to 0.8 mm wide contains interstitial patches up to 0.3 mm across of cryptocrystalline limonite. A few cavities are lined by similar limonite.

Sample LG96-02 44.65 m Metamorphosed Latite/Andesite Tuff (K-feldspar Alteration)
Field Name: AXAD

Fragments of K-feldspar (microcline) (probably after original plagioclase phenocrysts) are set in a moderately well foliated groundmass dominated by sericite with much less abundant feldspar and moderately abundant leucoxene. A replacement patch up to a few mm across and several smaller patches and veinlets are of quartz-pyrite.

fragments

K-feldspar (microcline) 12-15%

groundmass

sericite 55-60

K-feldspar 17-20

leucoxene 2- 3

pyrite minor

replacement

quartz 4- 5

pyrite 1- 2

Angular fragments of K-feldspar average 0.1-0.5 mm in size, with a few from 0.7-1 mm long. Textures suggest that they are original phenocrysts or fragments thereof. They consist of microcline, indicating that original volcanic K-feldspar (or plagioclase) was metamorphosed and recrystallized to microcline. A few patches up to 1.5 mm in size are of similar prismatic grains averaging 0.2-0.3 mm long.

The groundmass consists of cryptocrystalline to extremely fine grained sericite and less abundant feldspar. A few seams up to 0.15 mm wide parallel to foliation are of subparallel muscovite flakes averaging 0.05-0.08 mm in length. A few disseminated muscovite flakes are up to 0.05 mm long. Cryptocrystalline leucoxene is concentrated moderately to strongly in wispy seams parallel to foliation. A few sericite-rich seams contain moderately abundant opaque (pyrite?) grains averaging 0.01-0.05 mm in size. Pyrite also forms disseminated, euhedral cubic grains averaging 0.01-0.02 mm in size.

In the largest replacement patch, quartz forms slightly interlocking grains averaging 0.1-0.2 mm in size. Pyrite is concentrated in a few patches up to 1 mm across of subhedral grains averaging 0.05-0.1 mm in size. Near one border of the patch is a zone of very fine grained quartz with moderately abundant disseminated pyrite grains averaging 0.02-0.05 mm in size. Several smaller patches and lenses averaging 0.2-0.5 mm wide and one lens up to 2 mm wide are of finer grained aggregates of quartz and abundant pyrite. A few veinlike zones 0.1-0.2 mm wide parallel to foliation are dominated by pyrite grains averaging 0.02-0.05 mm in size with lesser quartz and muscovite of similar grain size. A few replacement patches up to 0.4 mm in size and a few discontinuous veinlets up to 0.2 mm wide are of equant quartz grains averaging 0.02-0.05 mm in size.

Sample LG96-02 48.45 m Metamorphosed Slightly Porphyritic Rhyodacite; Veins and Replacement Patches of Quartz-Calcite-Sphalerite-Pyrite-Galena; Kink Folds

Field Name: AXAD

Phenocrysts of K-feldspar and minor ones of quartz are set in a well foliated groundmass dominated by quartz and lesser muscovite/sericite. Two parallel veins up to 3 mm wide are of quartz and calcite with patches of sulfides dominated by sphalerite with lesser pyrite and galena. Smaller replacement patches are dominated by quartz and pyrite. Muscovite-rich bands show well developed, closely spaced kink folds.

phenocrysts

| | |
|------------|--|
| K-feldspar | 3- 4% |
| quartz | 1 (one large phenocryst in offcut block) |

groundmass

| | |
|--------------------|-------|
| quartz | 70-75 |
| muscovite/sericite | 10-12 |
| calcite | 0.5 |
| leucoxene | 0.2 |
| pyrite | 0.2 |

veins, replacement patches

| | |
|------------|-------|
| quartz | 4- 5 |
| calcite | 1- 2 |
| sphalerite | 2- 3 |
| pyrite | 1 |
| galena | 0.5 |
| muscovite | minor |

K-feldspar forms subhedral, equant phenocrysts averaging 0.2-0.5 mm in size and a few from 0.8-1.7 mm long. Smaller grains are replaced slightly to moderately by quartz grains averaging 0.03-0.05 mm in size and calcite grains averaging 0.03-0.1 mm across. Bordering some phenocrysts are patches of calcite and quartz grains averaging 0.05-0.08 mm in size with a few calcite grains up to 0.5 mm long; these patches probably were formed in pressure shadows behind the phenocrysts. The largest phenocryst is cut by a fracture-filling veinlike zone 0.5 mm wide of very fine grained calcite-quartz; this "vein" does not extend beyond the phenocryst. The second largest also is cut by a veinlike zone of quartz-calcite which extends into a replacement patch of quartz-calcite in the groundmass. This grain also is replaced moderately by very fine grained quartz.

In the offcut block is a phenocryst of quartz 2 mm across. It was broken and fragments separated by a seam of groundmass quartz.

The groundmass is dominated by quartz grains averaging 0.03-0.05 mm in size. Muscovite/sericite forms disseminated flakes averaging 0.02-0.03 mm long intergrown with quartz. It is concentrated moderately in bands up to 0.5 mm wide as flakes averaging 0.03-0.07 mm in size and a few up to 0.15 mm long. A few bands up to 2.5 mm across are dominated by muscovite. In them, muscovite flakes oriented at a high angle to foliation were folded by a set of closely spaced kink folds, and recrystallized moderately to flakes parallel to the foliation.

Calcite forms disseminated anhedral grains averaging 0.03-0.07 mm in size and a few lenses up to 0.3 mm long.

(continued)

Pyrite forms disseminated grains averaging 0.01-0.03 mm in size, with a few from 0.05-0.08 mm across.

Leucoxene forms opaque patches up to 0.15 mm in size of cryptocrystalline aggregates, probably secondary after ilmenite.

Two main, proximal, veins up to 3 mm wide parallel to foliation are dominated by very fine to fine grained quartz and calcite with coarse patches of sulfides dominated by sphalerite and pyrite with lesser galena. Sphalerite forms anhedral, medium orange coloured grains up to 2.5 mm in size. Pyrite forms subhedral to euhedral, cubic grains averaging 0.03-0.07 mm in size, and a few dense patches up to 0.3 mm across, both intergrown with sphalerite and with quartz-calcite. Galena forms irregular patches up to 0.5 mm in size, mainly near borders of sphalerite patches, both in sphalerite and in adjacent quartz. One elongate, irregular patch in quartz 1 mm long is of galena with lesser sphalerite and much less pyrite. Muscovite forms scattered flakes averaging 0.1-0.2 mm in size, mainly oriented parallel to foliation.

Smaller replacement patches up to 1 mm across are dominated by very fine grained quartz with patches of pyrite up to 0.4 mm in size. Ankerite is present in a few patches as irregular patches of grains averaging 0.05 mm in size.

**Sample LG96-02 65.40 m Metamorphosed Andesite/Basalt Crystal Tuff;
 Plagioclase-Tremolite/Actinolite-Epidote-Chlorite-;
 Mafic Patch: Chlorite-Tremolite/Actinolite-Epidote;
 Veinlets of Calcite-(Quartz), Epidote, K-feldspar-(Calcite)**

Field Name: MSAD

Plagioclase phenocrysts are concentrated in irregular patches in a well foliated groundmass of tremolite/actinolite, epidote, plagioclase, and chlorite, with minor lenses of leucoxene and pyrite. A mafic-rich patch occupying 35-40% of the section is dominated by chlorite, tremolite-actinolite, and epidote, with much less abundant plagioclase and calcite. It may have been formed by replacement. A rounded replacement(?) patch is of calcite. Two veinlets along the contact of the mafic patch are of calcite-(quartz) and of epidote; the latter is contorted moderately. A veinlet is of K-feldspar-(calcite).

| | main rock | mafic patch |
|----------------------|-----------|-------------|
| phenocrysts | | |
| plagioclase | 4- 5% | |
| groundmass | | |
| tremolite/actinolite | 35-40% | 30-35% |
| plagioclase/quartz | 17-20 | 4- 5 |
| epidote | 17-20 | 20-25 |
| chlorite | 5- 7 | 30-35 |
| calcite | 1- 2 | 2- 3 |
| leucoxene | 0.5 | 0.3 |
| pyrite | 0.3 | 0.2 |
| veinlets | | |
| epidote | 1 | |
| calcite-(quartz) | 1- 2 | |
| K-feldspar-(calcite) | 0.2 | |

Plagioclase forms prismatic grains averaging 0.2-0.5 mm long and a few up to 0.8 mm long. Some are recrystallized slightly to moderately to extremely fine grained, groundmass plagioclase.

Tremolite/actinolite forms ragged, prismatic grains averaging 0.07-0.2 mm long and a few up to 0.3 mm long, oriented strongly parallel to foliation.

In the groundmass, plagioclase forms patches of anhedral, slightly interlocking, equant grains averaging 0.01-0.02 mm in size and a few up to 0.04 mm across. Grains are untwinned, and, thus, plagioclase cannot be distinguished optically from quartz.

Epidote forms subhedral, equant to prismatic grains averaging 0.1-0.3 mm in size. A few clusters of epidote grains are up to 1 mm across. Some of these may be secondary after plagioclase phenocrysts.

Chlorite is concentrated in interstitial patches of extremely fine grained flakes.

Opaque (pyrite?) forms lenses up to 0.6 mm long of extremely fine to very fine grains.

Disseminated patches averaging 0.02-0.03 mm in size are of cryptocrystalline leucoxene.

Along one contact of the mafic patch are two veinlets. Bordering the meta-andesite is a veinlet from 0.05-0.3 mm wide is of very fine to fine grained calcite and minor quartz. Just inside the mafic patch is a strongly contorted veinlet 0.3 mm wide is of very fine grained epidote.

(continued)

The mafic patch consists of a well foliated intergrowth of chlorite, tremolite/actinolite, and epidote, with minor patches of plagioclase and of calcite. One contact is sharp along the calcite-(quartz) and epidote veinlets. The other contact is more gradational. Mineral textures are mainly similar to those in the meta-andesite.

Plagioclase forms scattered patches up to 0.5 mm in size of extremely fine grained aggregates, probably recrystallized plagioclase phenocrysts.

Epidote is concentrated strongly in a patch a few mm across; some of the epidote patches may be secondary after original plagioclase phenocrysts.

Calcite forms anhedral grains averaging 0.05-0.1 mm in size; it is concentrated in a few lenses up to 0.8 mm long parallel to foliation.

Opaque (pyrite?) forms a few patches up to 0.2 mm in size.

On the other side of the mafic-rich patch, a subrounded replacement(?) patch 4 mm across is of calcite grains averaging 0.1-0.3 mm in size. A veinlet 0.05 mm wide is of extremely fine grained, interlocking K-feldspar grains and minor patches of calcite.

**Sample LG96-02 130.10 m Metamorphosed Dacite Crystal-Lithic Tuff;
Plagioclase/K-feldspar Crystal, Trachyte/Latite Fragments;
Quartz-Calcite-K-feldspar-(Kaolinite) Vein, Lenses**

Field Name: PHAD

Crystal fragments of plagioclase/K-feldspar and minor quartz and fragments of extremely fine grained trachyte/latite and others of dominated by very fine grained quartz are set in a cryptocrystalline groundmass dominated by sericite and quartz/K-feldspar. In some parts of the rock, it is difficult to distinguish between lithic fragments and groundmass.

| | | | |
|--|-------|-------------------|--------|
| crystal fragments | | groundmass | |
| plagioclase/K-feldspar | 7- 8% | sericite | 35-40% |
| quartz | 0.1 | quartz/K-feldspar | 25-30 |
| lithic fragments | | leucoxene | 1 |
| trachyte/latite | 12-15 | pyrite | 0.2 |
| quartz-(leucoxene-apatite-muscovite) | 3- 4 | apatite | minor |
| quartz-feldspar-sericite | 0.5 | zircon | minor |
| veinlets, lenses | | | |
| quartz-calcite-(K-feldspar-kaolinite-pyrite) | 5- 7 | | |

Crystal fragments averaging 0.7-1.5 mm in size and a few up to 2 mm in size of plagioclase were replaced strongly by K-feldspar. Some were cut by irregular later veinlets of calcite and some were replaced moderately by irregular porphyroblasts of ankerite. A few were replaced strongly by cryptocrystalline aggregates of sericite stained light orange by limonite and a few were replaced by patchy intergrowths of sericite and kaolinite, with or without carbonate. Along borders of a few feldspar crystal fragments are a few patches of sericite/muscovite flakes with grains up to 0.07 mm across. One phenocryst is cut by two parallel veinlets 0.05-0.07 mm wide of very fine grained quartz and lesser calcite.

Quartz forms a few equant phenocrysts from 0.4-1 mm in size.

Lithic fragments up to 2 mm in size are of trachyte/latite, which commonly contains minor prismatic grains of plagioclase up to 0.05 mm long in a matrix dominated by moderately interlocking grains of K-feldspar averaging 0.01-0.02 mm in size.

A few patches up to 1 mm long are dominated by quartz grains averaging 0.03-0.05 mm in size, with minor to moderately abundant disseminated leucoxene, apatite, and muscovite of similar to finer grain size.

One foliated fragment 2 mm across is of extremely fine grained quartz and feldspar with much less abundant sericite and minor anhedral apatite.

The groundmass in about half the section is dominated by sericite flakes averaging 0.01-0.02 mm long and minor quartz/feldspar grains averaging 0.01-0.02 mm in size. In the other half, the groundmass consists of sericite and quartz/feldspar grains in about equal proportions; in this part of the section it is more difficult to distinguish lithic fragments from groundmass.

Leucoxene forms patches averaging 0.07-0.1 mm in size and a few up to 0.5 mm long of cryptocrystalline to extremely fine grains.

(continued)

Pyrite forms disseminated anhedral patches up to 0.5 mm in size.

Apatite forms a few subhedral prismatic grains up to 0.25 mm long.

Zircon forms a few equant grains averaging 0.03-0.07 mm in size and a few up to 0.15 mm long, in part associated with patches of Ti-oxide.

Patches and discontinuous veinlets up to 0.5 mm wide and a vein up to 0.8 mm wide are dominated by very fine to fine grained quartz and minor to moderately abundant calcite.

The main vein contains a few patches of fine grained K-feldspar, which occur where the vein cuts through feldspar crystals; these commonly are in optical continuity with the crystals in the host rock. Where the vein cuts one plagioclase phenocryst, it consists of a patch of cryptocrystalline kaolinite and a patch of K-feldspar. An inclusion or primary vein mineral is a subhedral plagioclase grain 0.6 mm in size which was replaced by an intergrowth of cryptocrystalline kaolinite and irregular patches of cryptocrystalline ankerite. Pyrite forms a subhedral patch 0.6 mm long. Apatite forms a few anhedral to subhedral prismatic grains up to 0.2 mm long.

Sample LG96-02 212.90 m Argillite; Calcite-Quartz Replacement; Abundant Kink Folds
Field Name: SLMS

The sample is an extremely fine grained argillite dominated by quartz, sericite/muscovite and chlorite with minor carbonaceous opaque and calcite. Numerous replacement patches up to a few mm across are of very fine to locally fine grained calcite and quartz. The rock and replacement patches were cut by a set of kink folds with axial planes spaced between 0.05 and 0.15 mm apart. Axial planes are defined by seams of carbonaceous opaque and elongate, recrystallized flakes of muscovite. Some strong carbonaceous opaque seams cut across the calcite-quartz replacement patches. A few late veinlets of calcite-(quartz) cut across these seams.

| | |
|----------------------------|--------|
| quartz | 45-50% |
| sericite/muscovite | 17-20 |
| chlorite | 8-10 |
| carbonaceous opaque | 2- 3 |
| calcite | minor |
| tourmaline | trace |
| replacement patches | |
| quartz-calcite | 20-25 |
| veinlets | |
| calcite-quartz | 0.3 |

Quartz forms anhedral grains averaging 0.02-0.03 mm in size intergrown relatively uniformly with muscovite and chlorite. A few bands up to 1 mm wide are dominated by quartz with only minor disseminated sericite and chlorite.

Muscovite and chlorite occur together as flakes averaging 0.02-0.03 mm in size with a few up to 0.7 mm long. Phyllosilicates and minor wispy carbonaceous opaque seams are oriented along a well developed foliation (parallel to original compositional banding). This was very tightly warped by the kink fold event producing sigmoidal textures between adjacent axial planes of kink folds.

Calcite forms minor disseminated grains averaging 0.03-0.05 mm in size.

Tourmaline forms a few prismatic grains up to 0.1 mm long. Pleochroism is from colourless to light greenish brown.

Replacement patches range widely in shape and size, and range up to several mm across. They are dominated by calcite and quartz grains averaging 0.02-0.05 mm in size. A few calcite-rich patches are of grains averaging 0.1-0.2 mm in size. Patches cut across many smaller kink-fold axial planes. Many patches are elongated between adjacent carbonaceous seams along the kink-fold axial plane. Some stronger axial-planar carbonaceous seams cut across the replacement patches, suggesting that the replacement patches were deformed by the kink-fold event.

A few late veinlets up to 0.15 mm wide of very fine grained calcite and calcite-quartz cut the axial plane foliation at a high angle.

**Sample LG96-02 227.25 m Metamorphosed, Hypabyssal Andesite/Diorite;
Plagioclase-Chlorite-Mariposite(?)-Leucoxene-Calcite;
Vein of Calcite-(Quartz) with Envelope of Mariposite-Chlorite**

Field Name: MSAD

The rock is dominated by fine to medium grained plagioclase with minor interstitial patches of plagioclase and chlorite, disseminated slender flakes of mariposite(?), and patches of leucoxene and of calcite. A lency vein of calcite with minor quartz has an envelope up to 2 mm wide of mariposite-(chlorite).

| | | | |
|-----------------------|--------|-----------------|-------|
| coarser grains | | | |
| plagioclase | 50-55% | | |
| groundmass | | | |
| plagioclase | 12-15 | calcite | 2- 3% |
| chlorite | 12-15 | apatite | 0.2 |
| mariposite(?) | 4- 5 | pyrite | 0.2 |
| leucoxene | 2- 3 | ilmenite | trace |
| vein | | envelope | |
| calcite | 1- 2 | mariposite | 3- 4 |
| quartz | 0.2 | chlorite | 0.5 |

Plagioclase forms prismatic grains averaging 0.5-0.8 mm in length and a few up to 1.5 mm long. Borders of grains are intergrown slightly with groundmass chlorite and plagioclase. Alteration is slight to disseminated grains of chlorite averaging 0.01 mm in size.

In the groundmass, plagioclase forms equant grains averaging 0.01-0.03 mm in size. Chlorite is concentrated in patches as light green flakes averaging 0.01-0.02 mm in size. Pleochroism is weak.

Mariposite(?) forms unusual, disseminated, unoriented, slender grains averaging 0.2-0.3 mm long, and a few up to 0.5 mm long. Pleochroism is from colourless to light green. The texture resembles that of acicular, contact-metamorphic tremolite; however, grains have lower refractive index (about that of plagioclase), parallel extinction, and moderate birefringence.

Calcite forms disseminated, interstitial grains averaging 0.1-0.2 mm in size and a few up to 0.7 mm in size.

Leucoxene forms disseminated patches averaging 0.2-0.5 mm in size of cryptocrystalline grains. A few patches (possibly after ilmenite), including one 1.7 mm long, contain several coarse, parallel ribs of leucoxene up to 0.8 mm long which are intergrown with groundmass plagioclase. A few leucoxene patches contain an inclusion up to 0.05 mm in size of opaque, probably ilmenite.

Pyrite forms a few anhedral patches up to 1 mm in size.

Apatite forms disseminated, anhedral grains averaging 0.03-0.05 mm in size and a few subhedral prismatic grains up to 0.2 mm long. It is concentrated moderately in irregular patches up to a few mm across.

A lency vein up to 0.6 mm wide is of very fine to medium grained calcite with a few quartz grains averaging 0.07-0.15 mm in size. In part of the vein, calcite is intergrown intimately with mariposite and lesser chlorite. Bordering it is an envelope up to 1.5 mm wide of very fine to fine grained mariposite with a few patches of extremely fine grained chlorite. A few patches of mariposite up to 0.3 mm across in the outer part of the alteration envelope have a radiating texture. In the envelope, textures of mariposite are more typical of muscovite than of tremolite.

**Sample LG96-05 74.75 m Porphyritic Rhyodacite: Plagioclase/K-feldspar Phenocrysts;
Replacement Patches: Pyrite-Muscovite-Quartz-Calcite;
Quartz-(Muscovite-Calcite-Plagioclase-K-feldspar)**

Field Name: VCAD(?)

Phenocrysts of K-feldspar-(plagioclase) are set in a groundmass dominated by K-feldspar with disseminated patches of quartz-(calcite) and minor disseminated sericite. Numerous seams and replacement patches are of sericite. A major replacement patch up to a few cm across (possibly a breccia matrix) is dominated by muscovite and pyrite with much less abundant quartz and minor epidote. A few smaller replacement patches/veins are dominated by very fine to fine grained quartz and minor plagioclase, K-feldspar, and muscovite. One replacement patch is dominated by calcite. One fragment in the hand sample contains several quartz-rich veins up to 2 mm wide; these are not present in the thin section.

| phenocrysts | | replacement patches, veinlets | |
|--------------------------|-------|--------------------------------------|-------|
| K-feldspar-(plagioclase) | 4- 5% | a) pyrite | 17-20 |
| groundmass | | muscovite | 10-12 |
| K-feldspar | 40-45 | quartz | 2- 3 |
| sericite | 4- 5 | epidote | 0.1 |
| pyrite | 0.3 | b) sericite | 5- 7 |
| calcite | 0.2 | pyrite | 0.3 |
| Ti-oxide | minor | c) quartz | 3- 4 |
| zircon | trace | calcite | 0.3 |
| | | muscovite | 0.3 |
| | | plagioclase | 0.1 |
| | | K-feldspar | minor |

Phenocrysts averaging 0.3-1 mm in size and a few up to 1.5 mm across are of K-feldspar. A few contain minor relic patches up to 0.15 mm in size of plagioclase. These suggest that the more of the original phenocrysts may have been plagioclase which was replaced completely by K-feldspar. Some phenocrysts are replaced slightly to moderately to extremely fine grained sericite.

The groundmass is dominated by K-feldspar, which forms scattered prismatic grains averaging 0.05-0.08 mm in length enclosed in intergrown K-feldspar grains averaging 0.02-0.03 mm in size. Quartz is concentrated in patches averaging 0.05-0.2 mm in size of grains averaging 0.05-0.1 mm in size. A few of these patches contain minor sericite/muscovite.

Sericite forms minor disseminated grains averaging 0.01 mm in size. Sericite/muscovite is concentrated moderately in irregular patches and seams up to 0.5 mm wide. A few of these contain moderately abundant, disseminated pyrite grains.

Pyrite forms disseminated grains averaging 0.01-0.03 mm in size and is concentrated moderately in a few patches up to 0.5 mm in size in which it forms grains up to 0.07 mm in size intergrown with sericite.

Leucoxene/Ti-oxide forms a few irregular patches up to 0.3 mm in size and lenses up to 0.3 mm long of semi-opaque, cryptocrystalline grains.

Zircon forms a few anhedral to subhedral grains averaging 0.03-0.06 mm in size.

(continued)

The main replacement (matrix) patch is dominated by very fine grained muscovite and pyrite, with less abundant very fine grained quartz and minor grains and clusters up to 0.2 mm across of a few grains of epidote. Pyrite forms a few coarse grains from 1.5-2.5 mm in size. Smaller patches up to 0.5 mm in size are of subhedral grains averaging 0.05-0.1 mm in size. Quartz is concentrated in a few patches up to 2 mm in size of interlocking grains averaging 0.03-0.07 mm in size. A few patches of quartz, including the largest patch are of poorly to moderately well developed, comb-textured aggregates of grains up to 0.3 mm long. In most smaller patches, these are oriented sub-perpendicular to pyrite crystal faces. Epidote forms disseminated clusters of a few grains averaging 0.05-0.1 mm in size.

In one corner of the section are a few irregular replacement patches/veinlets up to 0.5 mm wide dominated by very fine grained quartz. Muscovite/sericite forms grains averaging 0.03-0.1 mm in length, mainly in clusters along borders of the patches. Plagioclase and K-feldspar each form a subhedral grain up to 0.3 mm long. A few smaller patches are of quartz and minor muscovite and calcite. A few patches up to 1.5 mm long are dominated by very fine to medium grained calcite with minor quartz.

**Sample LG96-05 46.70 m Kink-Folded Quartz-Muscovite Schist; (Metamorphosed Felsite);
Lenses of Quartz-Pyrite-(Zircon) and of Calcite-Quartz**

Field Name: VCAD(?)

Minor phenocrysts of quartz are set in a well foliated, compositionally banded groundmass dominated by quartz with lesser muscovite and much less abundant calcite. Quartz-(calcite) and muscovite are segregated moderately to strongly in separate layers parallel to foliation. A few pods and lenses are of quartz-pyrite-(zircon) and a few are of calcite-quartz. Axial planes of closely spaced, late kink folds cut the foliation at a high angle; they are more prominent in the muscovite-rich layers, in which minor muscovite was recrystallized along axial planes of the kink folds.

| phenocrysts | | coarser lenses | |
|--------------------|--------|-----------------------|-------|
| quartz | 0.3% | a) quartz | 4- 5 |
| groundmass | | pyrite | 1- 2 |
| quartz | 60-65% | zircon | minor |
| muscovite | 25-30 | apatite | trace |
| calcite | 1 | b) calcite | 1- 2 |
| Ti-oxide/leucoxene | 0.2 | quartz | 1 |
| pyrite | 0.3 | | |
| apatite | trace | | |
| zircon | trace | | |

Quartz forms two slightly elongate phenocrysts, one 1.5 mm long and the other 0.8 mm long. At one end of the larger phenocryst is a patch 1 mm long of quartz and calcite with grains averaging 0.05-0.5 mm in size.

In the groundmass, quartz forms equant grains averaging 0.04-0.07 mm in size. A few coarser patches contain grains averaging 0.15-0.3 mm in size.

Muscovite/sericite forms disseminated flakes averaging 0.02-0.05 mm in length in quartz-rich patches. It is concentrated moderately to strongly in seams up to 1.5 mm wide as flakes up to 0.15 mm in size. These were deformed moderately to strongly during kink folding, and a few were recrystallized in the axial planes of the kink folds.

Calcite forms anhedral grains averaging 0.07-0.2 mm in size. It is concentrated in patches up to 1.5 mm in size.

Pyrite forms disseminated grains averaging 0.01-0.03 mm in size. It is concentrated strongly in a few patches up to 0.6 mm in size as grains from 0.01-0.06 mm in size.

Ti-oxide/leucoxene forms disseminated patches averaging 0.01-0.05 mm in size and disseminated dusty grains, mainly associated with muscovite-sericite-rich bands. It is concentrated slightly in a few wispy seams.

Zircon forms anhedral grains averaging 0.02-0.03 mm in size, and a few up to 0.13 mm across.

Apatite forms a few equant grains averaging 0.02-0.04 mm in size.

Several lenses up to 2.5 mm long and 1 mm wide are of quartz grains averaging 0.05-0.1 mm in size and moderately abundant subhedral to euhedral pyrite grains and clusters of grains averaging 0.01-0.06 mm in size. The largest patch also contains two zircon grains 0.12 mm in size and minor apatite grains averaging 0.02-0.03 mm in size. A few smaller patches also contain a zircon grain up to 0.07 mm long.

A few lenses up to 4 mm long are of calcite and minor to moderately abundant quartz grains with grain size averaging 0.07-0.2 mm in size, with a few calcite grains in the largest patch up to 0.8 mm across.

**Sample LG96-05 113.90 m Quartz-Sericite-Calcite Schist (Altered Felsite);
 Quartz-Calcite Lenses; Early Quartz Veinlet; Cataclastic
 Deformation Seam; Ankerite Replacement Patch, Veinlet**

Field Name: (AXAD)

The sample is an altered felsite dominated by quartz with less abundant sericite/muscovite and minor calcite. Sericite/muscovite is concentrated in seams parallel to foliation up to 1 mm wide. Coarse grained lenses parallel to foliation are of quartz-calcite. A few patches up to 3 mm across are fold noses in which seams of sericite are warped to orientations sub-perpendicular to the foliation and quartz grains are recrystallized moderately to extremely fine, strongly interlocking grains without any preferred orientation. An irregular band up to 2 mm wide is of cryptocrystalline to extremely fine grained quartz, minor cryptocrystalline sericite, and a veinlet of calcite/ankerite; it is interpreted as a zone of cataclastic deformation. Associated with it is a lensy zone up to a few mm wide of porphyroblastic ankerite.

| | | |
|----------------------|--------|---|
| quartz | 65-70% | coarser lenses parallel to foliation |
| sericite/muscovite | 15-17 | quartz 3- 4 |
| calcite | 1- 2 | calcite 2- 3 |
| Ti-oxide | 0.3 | cataclastic zone |
| pyrite | 0.1 | quartz-(sericite) 5- 7 |
| zircon | trace | late replacement patches, veinlet |
| early veinlet | | ankerite 2- 3 |
| quartz | 0.5 | |

Quartz forms anhedral grains averaging 0.03-0.07 mm in size. Quartz-rich layers contain minor to moderately abundant, disseminated sericite/muscovite flakes and wispy seams, and minor disseminated grains of calcite. A few seams and irregular patches are recrystallized to interlocking grains averaging 0.01 mm in size.

Sericite/muscovite forms interlocking flakes averaging 0.01-0.03 mm in size. It is concentrated strongly in bands up to 1 mm wide parallel to foliation in which flakes are oriented parallel to foliation. Textures in many of these suggest that the seams were recrystallized from coarser grained muscovite flakes oriented parallel to foliation.

Calcite forms disseminated, anhedral grains averaging 0.05-0.15 mm in size and locally up to 0.5 mm long in quartz-rich layers.

Opaque (pyrite?) forms disseminated grains averaging 0.03-0.05 mm in size and a few up to 0.15 mm across.

Ti-oxide forms disseminated semi-opaque to opaque patches up to 0.3 mm in size of cryptocrystalline grains, mainly associated with seams of sericite/muscovite. It also forms minor to moderately abundant, disseminated, cryptocrystalline grains in sericite/muscovite-rich layers.

Zircon forms equant, anhedral to subhedral grains averaging 0.05-0.07 mm in size.

An early veinlet(?) 0.2 mm wide cutting across foliation at a high angle is of quartz grains averaging 0.1-0.15 mm in size.

Coarser grained lenses parallel to foliation up to 1 mm wide consist of aggregates of quartz and calcite grains averaging 0.07-0.2 mm in size. Pyrite forms a few subhedral to euhedral grains averaging 0.05-0.07 mm in size.

(continued)

A seam up to 2 mm across cuts the foliation at a low angle. It was cataclastically deformed and recrystallized to cryptocrystalline to extremely fine, slightly to moderately interlocking grains. In this zone, the original foliation was destroyed. The zone contains a discontinuous veinlet of very fine to fine grained calcite/ankerite. Near the seam is an irregular, lensy, replacement patch/veinlike zone several mm long and up to 2 mm wide is of medium to coarse grained porphyroblastic grains of ankerite.

APPENDIX V

GPS COORDINATES for LEAGUE

League Property
GPS Survey Coordinates

Data Quality: Standard = The surveyed positions were recorded in 3D mode and were differentially corrected. The reported UTM coordinates are within 1 to 5 meters of their actual locations; Poor = >25% of the surveyed positions were recorded in 2D mode; Uncorrected = The surveyed positions were not differentially corrected; N/S = No survey data available.

Base Station: W = Westmin Resources Limited base station at Wolverine Lake; WL = Ministry of Environment, Lands and Parks base station at Williams Lake; DL = Ministry of Environment, Lands and Parks base station at Dease Lake; RR = Department of Renewable Resources (Forestry) at Whitehorse.

A. Drill Collars

| Hole No. | MSL | UTM Coordinates | | Data Quality | Base Station | Date |
|----------|------|-----------------|---------|--------------|--------------|------------|
| | | Northing | Easting | | | |
| LG96-01 | 1492 | 6821947 | 407449 | Standard | W | 07-June-96 |
| LG96-02 | 1500 | 6822169 | 406330 | Standard | W | 07-June-96 |
| LG96-03 | 1478 | 6822091 | 406035 | Standard | W | 07-June-96 |
| LG96-04 | 1486 | 6822499 | 406993 | Standard | W | 07-June-96 |
| LG96-05 | 1525 | 6822184 | 406553 | Standard | W | 07-June-96 |
| LG96-06 | 1547 | 6821859 | 406730 | Standard | W | 07-June-96 |

B. Grid Station Points

| Grid Coordinates | | UTM Coordinates | | Data Quality | Base Station | Date |
|------------------|---------|-----------------|---------|--------------|--------------|-----------|
| Northing | Easting | Northing | Easting | | | |
| 8250 | 9300 | 6820071 | 406843 | Poor | W | 19-Jun-96 |
| 8650 | 9300 | 6820470 | 406819 | Standard | W | 19-Jun-96 |
| 9050 | 7800 | 6820922 | 405449 | Standard | W | 08-Jun-96 |
| 10000 | 7800 | 6821784 | 405315 | Standard | W | 08-Jun-96 |
| 10000 | 9900 | 6821840 | 407409 | Standard | WL | 31-May-96 |
| 10000 | 10100 | 6821836 | 407612 | Standard | W | 08-Jun-96 |
| 10675 | 9200 | 6822487 | 406701 | Poor | W | 19-Jun-96 |

C. Expatriate Resources Ltd. Claim Posts

| Claim | Posts 1 | Posts 2 | UTM Coordinates | | Data Quality | Base Station | Date |
|--------|---------|---------|-----------------|---------|--------------|--------------|-----------|
| | | | Northing | Easting | | | |
| League | 1, 2 | - | 6820896 | 405413 | Standard | W | 08-Jun-96 |
| | 3, 4 | 1, 2 | 6821620 | 405369 | Standard | W | 08-Jun-96 |
| | 5, 6 | 3, 4 | - | - | N/S | - | - |
| | 7, 8 | 5, 6 | - | - | N/S | - | - |
| | 9, 10 | 7, 8 | - | - | N/S | - | - |
| | 11, 12 | 9, 10 | 6820929 | 407660 | Poor | W | 12-Jun-96 |
| | 13, 14 | 11, 12 | 6821672 | 405809 | Standard | W | 19-Jun-96 |
| | 15, 16 | 13, 14 | - | - | N/S | - | - |
| | 17, 18 | 15, 16 | 6821733 | 406669 | Standard | WL | 31-May-96 |
| | 19, 20 | 17, 18 | 6821800 | 407145 | Standard | WL | 31-May-96 |
| - | 19, 20 | 6821895 | 407594 | Poor | WL | 31-May-96 | |
| League | 21, 22 | - | 6822487 | 405445 | Uncorrected | - | 06-Jun-96 |
| | 23, 24 | 21, 22 | 6822503 | 405864 | Uncorrected | - | 06-Jun-96 |
| | 25, 26 | 23, 24 | 6822497 | 406323 | Uncorrected | - | 06-Jun-96 |

| Claim | Posts 1 | Posts 2 | UTM Coordinates | | Data Quality | Base Station | Date |
|--------|----------|----------|-----------------|---------|--------------|--------------|-----------|
| | | | Northing | Easting | | | |
| | 27,28 | 25, 26 | 6822490 | 406727 | Standard | W | 19-Jun-96 |
| | 29, 30 | 27,28 | 6822508 | 407186 | Uncorrected | - | 06-Jun-96 |
| | 31, 32 | 29, 30 | 6822492 | 407630 | Standard | W | 06-Jun-96 |
| | 33, 34 | 31, 32 | 6822494 | 408048 | Standard | W | 06-Jun-96 |
| | - | 33, 34 | 6822495 | 408489 | Poor | W | 06-Jun-96 |
| League | 35, 36 | - | 6823506 | 405530 | Standard | W | 05-Jun-96 |
| | 37, 38 | 35, 36 | 6823539 | 405997 | Standard | W | 05-Jun-96 |
| | 39, 40 | 37, 38 | 6823578 | 406469 | Poor | W | 05-Jun-96 |
| | 41, 42 | 39, 40 | 6823620 | 406925 | Standard | W | 05-Jun-96 |
| | 43, 44 | 41, 42 | 6823688 | 407386 | Standard | W | 05-Jun-96 |
| | 45, 46 | 43, 44 | 6823730 | 407854 | Poor | W | 05-Jun-96 |
| | 47, 48 | 45, 46 | - | - | N/S | - | - |
| | - | 47, 48 | - | - | N/S | - | - |
| League | 49, 50 | - | 6822504 | 405043 | Uncorrected | - | 06-Jun-96 |
| | - | 49, 50 | 6822487 | 405445 | Uncorrected | - | 06-Jun-96 |
| League | 51, 52 | - | 6821616 | 404455 | Poor | W | 08-Jun-96 |
| | 53, 54 | 51, 52 | 6821622 | 404918 | Standard | W | 08-Jun-96 |
| | - | 53, 54 | 6821620 | 405367 | Standard | W | 08-Jun-96 |
| League | 55, 56 | - | 6820868 | 404537 | Standard | W | 08-Jun-96 |
| | 57, 58 | 55, 56 | 6820885 | 404965 | Standard | W | 08-Jun-96 |
| | - | 57, 58 | 6820896 | 405413 | Standard | W | 08-Jun-96 |
| League | 59, 60 | - | 6822958 | 408750 | Standard | W | 05-Jun-96 |
| | 61, 62 | 59, 60 | 6822965 | 409229 | Standard | W | 05-Jun-96 |
| | 63, 64 | 61, 62 | 6822965 | 409677 | Poor | W | 05-Jun-96 |
| | 65, 66 | 63, 64 | 6822977 | 410124 | Poor | W | 05-Jun-96 |
| | 67, 68 | 65, 66 | 6822983 | 410574 | Standard | W | 05-Jun-96 |
| | - | 67, 68 | 6822983 | 411026 | Standard | W | 05-Jun-96 |
| League | 69, 70 | - | 6823806 | 408276 | Uncorrected | - | 07-Jun-96 |
| | 71, 72 | 69, 70 | 6823906 | 408720 | Poor | W | 07-Jun-96 |
| | 73, 74 | 71, 72 | 6823847 | 409199 | Poor | W | 07-Jun-96 |
| | 75, 76 | 73, 74 | 6823853 | 409647 | Poor | W | 07-Jun-96 |
| | 77, 78 | 75, 76 | 6823862 | 410096 | Poor | W | 07-Jun-96 |
| | - | 77, 78 | 6823894 | 410536 | Uncorrected | - | 07-Jun-96 |
| League | 79, 80 | - | 6824561 | 407161 | Standard | W | 05-Jun-96 |
| | 81, 82 | 79, 80 | 6824610 | 407594 | Standard | W | 05-Jun-96 |
| | 83, 84 | 81, 82 | 6824660 | 408012 | Poor | W | 05-Jun-96 |
| | 85, 86 | 83, 84 | 6824682 | 408486 | Standard | W | 05-Jun-96 |
| | 87, 88 | 85, 86 | 6824671 | 408920 | Poor | W | 05-Jun-96 |
| | 89, 90 | 87, 88 | 6824696 | 409373 | Standard | W | 07-Jun-96 |
| | 91, 92 | 89, 90 | 6824759 | 409917 | Standard | W | 07-Jun-96 |
| | 93, 94 | 91, 92 | 6824786 | 410381 | Standard | W | 07-Jun-96 |
| | 95, 96 | 93, 94 | 6824803 | 410836 | Standard | W | 07-Jun-96 |
| | - | 95, 96 | 6824861 | 411210 | Uncorrected | - | 07-Jun-96 |
| League | 97, 98 | - | - | - | N/S | - | - |
| | 99, 100 | 97, 98 | - | - | N/S | - | - |
| | 101, 102 | 99, 100 | - | - | N/S | - | - |
| | 103, 104 | 101, 102 | - | - | N/S | - | - |
| | 105, 106 | 103, 104 | - | - | N/S | - | - |
| | 107, 108 | 105, 106 | - | - | N/S | - | - |
| | 109, 110 | 107, 108 | - | - | N/S | - | - |
| | 111, 112 | 109, 110 | - | - | N/S | - | - |
| | 113, 114 | 111, 112 | - | - | N/S | - | - |
| | - | 113, 114 | - | - | N/S | - | - |

| Claim | Posts 1 | Posts 2 | UTM Coordinates | | Data Quality | Base Station | Date | |
|----------|----------|----------|-----------------|---------|--------------|--------------|-----------|-----------|
| | | | Northing | Easting | | | | |
| League | 115, 116 | - | 6821840 | 407613 | Standard | W | 08-Jun-96 | |
| | 117, 118 | 115, 116 | 6821841 | 408065 | Standard | W | 08-Jun-96 | |
| | 119, 120 | 117, 118 | 6821847 | 408490 | Standard | W | 08-Jun-96 | |
| | 121, 122 | 119, 120 | 6821865 | 408915 | Standard | W | 08-Jun-96 | |
| | 123, 124 | 121, 122 | 6821890 | 409359 | Standard | W | 08-Jun-96 | |
| | 125, 126 | 123, 124 | 6821896 | 409795 | Standard | W | 08-Jun-96 | |
| | 127, 128 | 125, 126 | 6821920 | 410241 | Standard | W | 08-Jun-96 | |
| | 129, 130 | 127, 128 | 6821955 | 410681 | Poor | W | 08-Jun-96 | |
| | 131, 132 | 129, 130 | 6822001 | 411087 | Poor | W | 08-Jun-96 | |
| - | 131, 132 | 6822014 | 411551 | Poor | W | 08-Jun-96 | | |
| League | 133, 134 | - | 6820929 | 407660 | Poor | W | 12-Jun-96 | |
| | 135, 136 | 133, 134 | 6820946 | 408105 | Uncorrected | - | 09-Jun-96 | |
| | 137, 138 | 135, 136 | 6820927 | 408556 | Uncorrected | - | 09-Jun-96 | |
| | 139, 140 | 137, 138 | 6820939 | 408999 | Uncorrected | - | 09-Jun-96 | |
| | 141, 142 | 139, 140 | 6820935 | 409457 | Standard | W | 09-Jun-96 | |
| | 143, 144 | 141, 142 | 6820945 | 409907 | Poor | W | 08-Jun-96 | |
| | 145, 146 | 143, 144 | 6820967 | 410362 | Poor | W | 08-Jun-96 | |
| | 147, 148 | 145, 146 | 6820982 | 410810 | Standard | W | 08-Jun-96 | |
| | 149, 150 | 147, 148 | 6820988 | 411268 | Standard | W | 08-Jun-96 | |
| | - | 149, 150 | 6821015 | 411717 | Standard | W | 08-Jun-96 | |
| | League | 151, 152 | - | 6819989 | 409087 | Standard | W | 12-Jun-96 |
| | | 153, 154 | 151, 152 | 6819990 | 409528 | Standard | W | 12-Jun-96 |
| 155, 156 | | 153, 154 | 6820012 | 409967 | Poor | W | 12-Jun-96 | |
| 157, 158 | | 155, 156 | 6820023 | 410417 | Standard | W | 12-Jun-96 | |
| 159, 160 | | 157, 158 | 6820045 | 410862 | Poor | W | 08-Jun-96 | |
| 161, 162 | | 159, 160 | 6820074 | 411273 | Poor | W | 08-Jun-96 | |
| - | | 161, 162 | 6820033 | 411706 | Standard | W | 08-Jun-96 | |
| League | 171, 172 | - | 6820033 | 411706 | Standard | W | 08-Jun-96 | |
| | 173, 174 | 171, 172 | 6820047 | 412136 | Standard | W | 08-Jun-96 | |
| | - | 173 | 6820476 | 412114 | Poor | W | 08-Jun-96 | |
| | - | 174 | 6819602 | 412175 | Standard | W | 08-Jun-96 | |
| League | 163, 164 | - | 6822029 | 411566 | Uncorrected | - | 11-Jun-96 | |
| | 165, 166 | 163, 164 | 6822007 | 412012 | Standard | W | 11-Jun-96 | |
| | - | 165 | 6822449 | 412001 | Standard | W | 08-Jun-96 | |
| | - | 166 | 6821568 | 412030 | Poor | W | 08-Jun-96 | |
| League | 167, 168 | - | 6821036 | 411714 | Uncorrected | - | 11-Jun-96 | |
| | 169, 170 | 167, 168 | 6821022 | 412165 | Standard | W | 08-Jun-96 | |
| | - | 169 | 6821487 | 412166 | Poor | W | 08-Jun-96 | |
| | - | 170 | 6820548 | 412137 | Uncorrected | - | 11-Jun-96 | |
| League | 175, 176 | - | 6820083 | 406865 | Poor | W | 19-Jun-96 | |
| | 177, 178 | 175, 176 | 6820078 | 406416 | Poor | W | 19-Jun-96 | |
| | 179, 180 | 177, 178 | 6820093 | 405973 | Standard | W | 19-Jun-96 | |
| | 181, 182 | 179, 180 | 6820103 | 405500 | Standard | W | 19-Jun-96 | |
| | 183, 184 | 181, 182 | 6820114 | 405035 | Standard | W | 19-Jun-96 | |
| | - | 183, 184 | 6820115 | 404616 | Standard | W | 19-Jun-96 | |
| League | 185, 186 | - | 6819276 | 405494 | Uncorrected | - | 11-Jun-96 | |
| | 187, 188 | 185, 186 | 6819276 | 405945 | Uncorrected | - | 11-Jun-96 | |
| | 189, 190 | 187, 188 | 6819289 | 406399 | Uncorrected | - | 11-Jun-96 | |
| | 191, 192 | 189, 190 | 6819238 | 406848 | Poor | W | 08-Jun-96 | |
| | 193, 194 | 191, 192 | 6819212 | 407291 | Standard | W | 08-Jun-96 | |
| | 195, 196 | 193, 194 | 6819189 | 407737 | Standard | W | 08-Jun-96 | |
| | 197, 198 | 195, 196 | 6819190 | 408207 | Standard | W | 08-Jun-96 | |
| | 199, 200 | 197, 198 | 6819186 | 408665 | Standard | W | 08-Jun-96 | |
| | 201, 202 | 199, 200 | 6819187 | 409122 | Poor | W | 08-Jun-96 | |

| Claim | Posts 1 | Posts 2 | UTM Coordinates | | Data Quality | Base Station | Date |
|--------|----------|----------|-----------------|---------|--------------|--------------|-----------|
| | | | Northing | Easting | | | |
| | 203, 204 | 201, 202 | 6819181 | 409591 | Standard | W | 08-Jun-96 |
| | 205, 206 | 203, 204 | 6819191 | 410043 | Standard | W | 08-Jun-96 |
| | 207, 208 | 205, 206 | 6819184 | 410508 | Poor | W | 08-Jun-96 |
| | 209, 210 | 207, 208 | 6819180 | 410958 | Poor | W | 08-Jun-96 |
| | - | 209, 210 | 6819180 | 411414 | Standard | W | 08-Jun-96 |
| League | 211, 212 | | 6822504 | 405043 | Uncorrected | - | 06-Jun-96 |
| | 213, 214 | 211, 212 | 6822482 | 404581 | Uncorrected | - | 06-Jun-96 |
| | - | 213, 214 | 6822490 | 404158 | Uncorrected | - | 06-Jun-96 |
| League | 215, 216 | - | 6821616 | 404455 | Poor | W | 08-Jun-96 |
| | 217, 218 | 215, 216 | 6821589 | 404027 | Standard | W | 08-Jun-96 |
| | - | 217, 218 | 6821575 | 403658 | Standard | W | 08-Jun-96 |
| League | 219, 220 | - | 6820868 | 404537 | Standard | W | 08-Jun-96 |
| | 221, 222 | 219, 220 | 6820861 | 404089 | Standard | W | 08-Jun-96 |
| | - | 221, 222 | 6820846 | 403696 | Standard | W | 08-Jun-96 |
| League | 223, 224 | - | 6820115 | 404616 | Standard | W | 19-Jun-96 |
| | 225, 226 | 223, 224 | 6820089 | 404171 | Standard | W | 19-Jun-96 |
| | - | 225, 226 | 6820065 | 403717 | Standard | W | 19-Jun-96 |
| League | 227, 228 | - | 6819276 | 405494 | Uncorrected | - | 11-Jun-96 |
| | 229, 230 | 227, 228 | - | - | N/S | - | - |
| | - | 229, 230 | 6819257 | 404607 | Uncorrected | - | 11-Jun-96 |
| League | 231, 232 | - | 6823506 | 405530 | Standard | W | 05-Jun-96 |
| | 233, 234 | 231, 232 | 6823487 | 405095 | Standard | W | 05-Jun-96 |
| | - | 233, 234 | 6823451 | 404641 | Poor | W | 05-Jun-96 |
| League | 235, 236 | - | 6824561 | 407161 | Standard | W | 05-Jun-96 |
| | 237, 238 | 235, 236 | 6824557 | 406691 | Standard | W | 05-Jun-96 |
| | - | 237, 238 | 6824546 | 406251 | Poor | W | 05-Jun-96 |
| League | 239, 240 | - | 6826261 | 407255 | Uncorrected | - | 06-Jun-96 |
| | 241, 242 | 239, 240 | 6826207 | 407720 | Uncorrected | - | 06-Jun-96 |
| | 243, 244 | 241, 242 | 6826235 | 408182 | Uncorrected | - | 06-Jun-96 |
| | 245, 246 | 243, 244 | 6826272 | 408630 | Uncorrected | - | 06-Jun-96 |
| | 247, 248 | 245, 246 | 6826297 | 409053 | Uncorrected | - | 06-Jun-96 |
| | 249, 250 | 247, 248 | 6826287 | 409442 | Uncorrected | - | 06-Jun-96 |
| | 251, 252 | 249, 250 | 6826311 | 409853 | Uncorrected | - | 06-Jun-96 |
| | 253, 254 | 251, 252 | 6826360 | 410287 | Poor | W | 06-Jun-96 |
| | 255, 256 | 253, 254 | 6826393 | 410681 | Poor | W | 06-Jun-96 |
| | - | 255, 256 | 6826400 | 411170 | Standard | W | 06-Jun-96 |
| League | 257, 258 | - | 6824546 | 406251 | Poor | W | 05-Jun-96 |
| | 259, 260 | 257, 258 | 6824529 | 405831 | Poor | W | 05-Jun-96 |
| | 261, 262 | 259, 260 | 6824503 | 405370 | Standard | W | 05-Jun-96 |
| | - | 261, 262 | 6824495 | 404925 | Standard | W | 05-Jun-96 |
| League | 263, 264 | - | 6818227 | 404263 | Standard | W | 08-Jun-96 |
| | 265, 266 | 263, 264 | 6818165 | 403845 | Poor | W | 08-Jun-96 |
| | 267, 268 | 265, 266 | 6818191 | 403386 | Standard | W | 08-Jun-96 |
| | - | 267, 268 | 6818202 | 402969 | Uncorrected | - | 09-Jun-96 |
| League | 269, 270 | - | 6817440 | 406393 | Standard | W | 09-Jun-96 |
| | 271, 272 | 269, 270 | 6817435 | 405940 | Standard | W | 09-Jun-96 |
| | 273, 274 | 271, 272 | 6817454 | 405474 | Standard | W | 09-Jun-96 |
| | 275, 276 | 273, 274 | 6817455 | 405031 | Standard | W | 09-Jun-96 |
| | 277, 278 | 275, 276 | 6817421 | 404639 | Standard | W | 09-Jun-96 |
| | 279, 280 | 277, 278 | 6817403 | 404199 | Standard | W | 09-Jun-96 |
| | 281, 282 | 279, 280 | 6817385 | 403764 | Standard | W | 09-Jun-96 |

| Claim | Posts 1 | Posts 2 | UTM Coordinates | | Data Quality | Base Station | Date |
|--------|----------|----------|-----------------|---------|--------------|--------------|-----------|
| | | | Northing | Easting | | | |
| | - | 281, 282 | 6817371 | 403284 | Standard | W | 09-Jun-96 |
| League | 283, 284 | - | 6819257 | 404607 | Uncorrected | - | 11-Jun-96 |
| | 285, 286 | 283, 284 | 6819204 | 404194 | Standard | W | 11-Jun-96 |
| | 287, 288 | 285, 286 | 6819207 | 403767 | Standard | W | 11-Jun-96 |
| | 289, 290 | 287, 288 | 6819166 | 403299 | Poor | W | 11-Jun-96 |
| | 291, 292 | 289, 290 | 6819207 | 402877 | Poor | W | 11-Jun-96 |
| | - | 291, 292 | 6819179 | 402432 | Standard | W | 11-Jun-96 |
| League | 293, 294 | - | 6818325 | 406418 | Standard | W | 08-Jun-96 |
| | 295, 296 | 293, 294 | 6818323 | 405969 | Standard | W | 08-Jun-96 |
| | 297, 298 | 295, 296 | 6818319 | 405523 | Standard | W | 08-Jun-96 |
| | 299, 300 | 297, 298 | 6818360 | 405058 | Poor | W | 08-Jun-96 |
| | 301, 302 | 299, 300 | 6818265 | 404693 | Standard | W | 08-Jun-96 |
| | - | 301, 302 | 6818227 | 404263 | Standard | W | 08-Jun-96 |

D. Claim Posts From Adjoining Claim Blocks

| Claim | Posts 1 | Posts 2 | UTM Coordinates | | Data Quality | Base Station | Date |
|-------|------------|------------|-----------------|---------|--------------|--------------|-----------|
| | | | Northing | Easting | | | |
| Tag | 485 | 484 | 6817046 | 407154 | Poor | W | 09-Jun-96 |
| | 486 | 485 | 6817437 | 407119 | Standard | W | 09-Jun-96 |
| Tag | 488 | 487 | 6818289 | 407105 | Poor | W | 09-Jun-96 |
| | - | 488 | 6818712 | 407089 | Standard | W | 09-Jun-96 |
| Tag | 1171, 1172 | - | 6817041 | 406690 | Poor | W | 09-Jun-96 |
| | 1173, 1174 | 1171, 1172 | 6817051 | 406242 | Standard | W | 09-Jun-96 |
| | 1175, 1176 | 1173, 1174 | 6817054 | 405790 | Poor | W | 09-Jun-96 |
| | 1177, 1178 | 1175, 1176 | 6817044 | 405342 | Poor | W | 09-Jun-96 |
| | 1179, 1180 | 1177, 1178 | 6817112 | 404872 | Uncorrected | - | 09-Jun-96 |
| | 1181, 1182 | 1179, 1180 | 6817112 | 404369 | Uncorrected | - | 09-Jun-96 |
| | 1183, 1184 | 1181, 1182 | 6817111 | 403781 | Uncorrected | - | 09-Jun-96 |
| | - | 1183, 1184 | 6817098 | 403486 | Uncorrected | - | 09-Jun-96 |
| Major | 1, 2 | - | 6820462 | 406850 | Standard | W | 19-Jun-96 |
| | 3, 4 | 1, 2 | 6820460 | 407264 | Standard | W | 19-Jun-96 |
| | 5, 6 | 3, 4 | 6820473 | 407673 | Poor | W | 19-Jun-96 |
| | 7, 8 | 5, 6 | 6820465 | 408095 | Standard | W | 19-Jun-96 |
| | 9, 10 | 7, 8 | 6820481 | 408519 | Standard | W | 19-Jun-96 |
| | - | 9, 10 | 6820494 | 408948 | Standard | W | 19-Jun-96 |
| Major | 11 | - | 6820025 | 406836 | Standard | W | 19-Jun-96 |
| | 12 | 11 | 6820042 | 407257 | Standard | W | 19-Jun-96 |
| | 13 | 12 | 6820046 | 407695 | Standard | W | 19-Jun-96 |
| | 14 | 13 | 6820062 | 408120 | Standard | W | 19-Jun-96 |
| | 15 | 14 | 6820079 | 408559 | Standard | W | 19-Jun-96 |
| | - | 15 | 6820098 | 408990 | Standard | W | 19-Jun-96 |
| Imp | 13, 14 | - | 6827059 | 406766 | Standard | W | 02-Aug-96 |
| | 13, 14 | - | 6827066 | 406757 | Poor | WL | 04-Jun-96 |
| | 15, 16 | 13, 14 | 6826628 | 406792 | Standard | WL | 04-Jun-96 |
| | 19 | | 6827140 | 407363 | Standard | W | 02-Aug-96 |
| Imp | 23, 24 | - | 6827571 | 409234 | Standard | W | 30-Jul-96 |
| | 25, 26 | 23, 24 | 6827589 | 408791 | Standard | W | 30-Jul-96 |
| | 27, 28 | 25, 26 | 6827607 | 408361 | Standard | W | 30-Jul-96 |
| | 29, 30 | 27, 28 | 6827566 | 407884 | Standard | W | 30-Jul-96 |

| Claim | Posts 1 | Posts 2 | UTM Coordinates | | Data Quality | Base Station | Date |
|-------|---------|---------|-----------------|---------|--------------|--------------|-----------|
| | | | Northing | Easting | | | |
| | 31, 32 | 29, 30 | 6827504 | 407443 | Standard | W | 30-Jul-96 |
| | 33, 34 | 31, 32 | 6827453 | 406985 | Standard | W | 02-Aug-96 |
| | 33, 34 | 31, 32 | 6827456 | 406982 | Standard | W | 30-Jul-96 |
| | 35, 36 | 33, 34 | 6827420 | 406540 | Standard | W | 30-Jul-96 |
| | 37, 38 | 35, 36 | 6827355 | 406085 | Standard | W | 30-Jul-96 |
| | 39, 40 | | 6827281 | 405663 | Standard | W | 12-Jul-96 |
| | 39, 40 | 37, 38 | 6827278 | 405665 | Standard | W | 30-Jul-96 |
| | 41, 42 | 39, 40 | 6827184 | 405233 | Standard | W | 30-Jul-96 |
| | 43, 44 | 41, 42 | 6827125 | 404802 | Standard | W | 30-Jul-96 |
| | 45, 46 | 43, 44 | 6827095 | 404363 | Standard | W | 30-Jul-96 |
| | 47, 48 | 45, 46 | 6827000 | 403915 | Standard | W | 30-Jul-96 |
| | - | 47, 48 | 6826933 | 403489 | Standard | W | 30-Jul-96 |
| Imp | ? | ? | 6825194 | 406381 | Standard | W | 12-Jul-96 |
| | ? | ? | 6827227 | 406038 | Standard | W | 12-Jul-96 |
| | ? | ? | 6826187 | 407282 | Uncorrected | W | 06-Jun-96 |

APPENDIX III

**GROUND TOTAL MAGNETIC FIELD AND HLEM SURVEY
OF PROPERTIES IN THE FINLAYSON ALLOCHTHON, YUKON TERRITORY
BY M.A. POWER AND C.C. LEE
DECEMBER 6, 1996**

EXPATRIATE RESOURCES LTD.
**GROUND TOTAL MAGNETIC FIELD
AND HLEM SURVEY OF PROPERTIES
IN THE FINLAYSON ALLOCHTHON,
YUKON TERRITORY**

Part I of 3 - Text

M.A. Power M.Sc. P. Geo.

and

C. C. Lee B.Sc.

PROPERTIES

LEAGUE
ICE
BREAKAWAY
REF1
REF2
REF3
BUZZER
SLAPSHOT
HAT TRICK

Centred at: 61° 30' N 130° 30' W
NTS: 105 G / 115 J
Mining District: Watson Lake, YT
Date: December 6, 1996

SUMMARY

During the period May 31 to August 28, 1996, Amerok Geosciences Ltd. conducted ground horizontal loop electromagnetic (HLEM) and total magnetic field surveys on the following properties held by Expatriate Resources Ltd. in the Finlayson Allochthon:

| Property | Surveys performed |
|-----------------|--------------------------|
| League | HLEM / magnetic field |
| Ice | HLEM / magnetic field |
| Breakaway | HLEM / magnetic field |
| Ref 2 | HLEM / magnetic field |
| Hat Trick | HLEM / magnetic field |
| Slapshot | HLEM / magnetic field |
| Ref 1 | magnetic field |
| Ref 3 | magnetic field |
| Buzzer | magnetic field |

On the League Property, the surveys located a wide, high conductance target which is discordant with respect to the strike of local rocks units and follows a magnetic field low for a portion of its length. This conductor appears to be a graphite-bearing fault.

On the Ice Property, the surveys identified two main conductors which appear to be faults. The magnetic field survey was useful in delineating several different rock units. One conductor appears to define the location of oxide mineralization and two anomalous responses along this conductor may arise from current channelling at depth.

On the Breakaway Property, the surveys identified 4 conductors, three of which appear to be faults. Conductor BR-2 is concordant with respect to the local geology, has a high conductance and an associated positive magnetic response. It appears to be a target of merit.

On the Ref 2 Property, the surveys identified a narrow concordant conductor with an associated positive magnetic response. It also appears to be a target of merit.

On the Hat Trick Property, surveys located a conductor coincident with the recessive trend hosting the anomalous geochemical response and the mineralized bedrock. A second conductor occurs to the west in 3 faulted(?) segments and contains an intersection of interest with an associated positive magnetic anomaly.

On the Slapshot Property, no significant anomalies of interest were located.

On the Ref 1 Property, a weak northwest striking positive magnetic anomaly was defined by the magnetic field survey.

On the Buzzer Property, a strong positive magnetic anomaly was located on the extreme northeast corner of the grid.

On the Ref 3 Property, a magnetic field high was located in the west-central portion of the grid.

Detailed discussions of anomalies of interest are included in descriptions of the results from each property.

TABLE OF CONTENTS

| | | |
|------|---|----|
| 1.0 | INTRODUCTION | 1 |
| 2.0 | GRIDS AND GRID REGISTRATION | 1 |
| 3.0 | HLEM THEORY AND INTERPRETATION PROCEDURES | 3 |
| 4.0 | MAGNETIC FIELD INTERPRETATION PROCEDURES | 6 |
| 5.0 | SURVEY PROCEDURES | 6 |
| 6.0 | DATA PRESENTATION AND FORMATS | 7 |
| 7.0 | LEAGUE PROPERTY | 9 |
| 7.1 | Survey specifications | 9 |
| 7.2 | Data | 9 |
| 7.3 | Results and interpretation | 10 |
| 7.4 | Conclusions | 11 |
| 8.0 | ICE PROPERTY | 12 |
| 8.1 | Survey specifications | 12 |
| 8.2 | Data | 12 |
| 8.3 | Results and interpretation | 13 |
| 8.4 | Conclusions | 15 |
| 9.0 | BREAKAWAY PROPERTY | 16 |
| 9.1 | Survey specifications | 16 |
| 9.2 | Data | 16 |
| 9.3 | Results and interpretation | 16 |
| 9.4 | Conclusions | 19 |
| 10.0 | REF2 PROPERTY | 20 |
| 10.1 | Survey specifications | 20 |
| 10.2 | Data | 20 |
| 10.3 | Results and interpretation | 20 |
| 10.4 | Conclusions | 22 |
| 11.0 | HAT TRICK PROPERTY | 23 |
| 11.1 | Survey specifications | 23 |
| 11.2 | Data | 23 |
| 11.3 | Results and interpretation | 23 |
| 11.4 | Conclusions | 26 |

| | | |
|------|----------------------------------|----|
| 12.0 | SLAPSHOT PROPERTY | 27 |
| 12.1 | Survey specifications | 27 |
| 12.2 | Data | 27 |
| 12.3 | Results and interpretation | 27 |
| 13.0 | REF 1 PROPERTY | 28 |
| 14.0 | BUZZER PROPERTY | 28 |
| 15.0 | REF 3 PROPERTY | 28 |
| 16.0 | CONCLUSION | 29 |
| | REFERENCES CITED | 30 |

1.0 INTRODUCTION

Amerok Geosciences Ltd. was retained by Expatriate Resources Ltd. to conduct ground total magnetic field and horizontal loop electromagnetic field (HLEM) surveys on properties held by the company in the Finlayson Allochthon in the south central Yukon Territory. The surveys were conducted in June through August, 1996 in support of an exploration program for volcanogenic massive sulphide deposits. This report is intended as a summary technical report from which extracts may be taken to incorporate into formal assessment reports for each property described.

The geophysical surveys were performed on the following properties:

| Property | Surveys performed |
|-----------------|--------------------------|
| League | HLEM / magnetic field |
| Ice | HLEM / magnetic field |
| Breakaway | HLEM / magnetic field |
| Ref 2 | HLEM / magnetic field |
| Hat Trick | HLEM / magnetic field |
| Slapshot | HLEM / magnetic field |
| Ref 1 | magnetic field |
| Ref 3 | magnetic field |
| Buzzer | magnetic field |

This report consists of two parts. Sections 2.0 through 6.0 descriptions of the grids and grid registration procedures, HLEM and magnetic field theory, common survey procedures, and a description of the common data formats and presentation layouts. Sections 7.0 through 16.0 are descriptions of the data and results for each property. Appended to the end of this report in pockets are plots of the results for each property, grouped by property.

2.0 GRIDS AND GRID REGISTRATION

The geophysical surveys were conducted over grids centred on favourable geology or promising geochemical or airborne geophysical responses. The grids normally consisted of a cut slope corrected base line and cut, slope chained (not slope

corrected) survey lines. Maxmin surveys were performed on slope chained survey grids while some magnetometer surveys were conducted over slope corrected soil geochemical grids. Most of the grid stations were picketed with tagged and flagged survey lathe and should be recoverable for several years hence.

All geophysical survey data in this report has been registered in Universal Transverse Mercator coordinates to the 1927 North American Datum (NAD27). This geodetic datum was used in the construction of available NTS topographic maps and while it has been superseded by NAD83, it remains the most useful datum for field work in this area of the Yukon. Points on most of the grids were surveyed with Trimble Geo-Explorer differential global positioning system (DGPS) receivers. These receivers record the detailed orbital records of the GPS satellites used in a location determination and correct these records for dithering and propagation delay errors using records from a stationary base station GPS receiver. The manufacturer asserts that horizontal locations can be determined to within ± 3 m using these instruments. On other grids, best estimates of the location of key points were made using non-differential GPS receivers or using topographic maps.

Three different registration procedures were used depending upon the available survey data. In some cases, only one DGPS location was available and in this case the surveyed location coupled with the measured base line azimuth was used in the registration. In cases where two widely separated points on a base line were DGPS surveyed, these were used to position the base line and to determine it's true azimuth. Lastly, on one grid, a detailed grid map had been prepared showing the relative location of the survey lines and several points were surveyed-in with DGSP. In this situation, the grid was first digitized and then translated and rotated to a position which best-fit the available DGSP data.

The calculation of UTM coordinates was performed using one of two methods. If the available survey data consisted of one DGPS point and a base line azimuth or of two widely separated DGPS points, the following procedure was used. This procedure consists of three steps:

1. Assign the location of the known survey point on the grid as the local origin and express the location of all points on the grid relative to this new local origin:

$$x' = x - x_0$$

$$y' = y - y_0$$

2. Using the known azimuth of the base line in UTM coordinates (ϕ), rotate the

grid so that the coordinates are correctly oriented with respect to the local origin. The new location of the grid points, rotated relative to the local origin, is (x'' , y''):

$$x'' = x' \cos \phi - y' \sin \phi$$

$$y'' = y' \cos \phi + x' \sin \phi$$

3. Finally, translate the grid to the UTM coordinates of the registration point (UTME, UTMN) to determine the UTM coordinates of any point on the grid (x_{UTM} , y_{UTM}):

$$x_{UTM} = x'' + UTME$$

$$y_{UTM} = y'' + UTMN$$

In the situation where the grid had been digitized and then best-fit to several DGPS points, the following procedure was used:

1. Determine the location of the end points of each line and the point of intersection between the survey line and the base line by reading off the coordinates from the digitized grid map. These are fixed registration points.
2. Interpolate the location of the stations between the registration points using the UTM coordinates of each of the two registration points at either end of the line segment.

All grid registration was performed using a spread sheet computer program.

3.0 HLEM THEORY AND INTERPRETATION PROCEDURES

The horizontal loop EM method is well described in standard texts such as Telford *et al.* (1990) and Ketola and Puranen (1967). This section summarizes the key features

of the HLEM method and describes the interpretation algorithms used in this survey program.

The HLEM method involves the use of a pair of separated horizontal coils (Figure 1). Most commonly, the surveys are conducted in the frequency domain. In this method, a sine wave of variable frequency is sent through one of the coils to create a time-varying vertical magnetic dipole source. The second coil is a receiver which detects both the primary signal from the transmitting coil and a secondary signal created by magnetic induction in a conductive target in the earth. There are two variants of the method in the frequency domain are the Slingram or conventional HLEM method and the Genie method.

The Slingram method (normally referred to as HLEM) requires that a sample of the transmitted signal be sent along a wire to the receiver where it is used to synchronize the phase of the receiver with the transmitter. This permits the receiver to remove the effect of the transmitter signal (primary field) and to split the remaining secondary field into two components. One component represents the portion of the secondary field which is synchronized or in-phase with the primary field (in-phase component). The second component is the portion of the secondary field which lags the primary field by one quarter cycle (90°) (quadrature component). The ratio of the in-phase to quadrature components is used to determine the electrical conductance of a target.

HLEM instruments remove the primary field from the signal to leave only the secondary field. By convention, a secondary field in the same direction as the primary field is recorded as positive while a secondary field in the opposite direction to the primary field is recorded as negative. HLEM data is commonly plotted as profiles with the reading plotted at the midpoint between the transmitter and receiver. The reason for this is that the response from a steeply dipping conductor, the most common target of this method, is strongest when the two coils straddle the conductor. Normally, the in-phase response is plotted as a solid line and the quadrature response as a dashed line.

The HLEM response of a flat lying body is shown in Figure 2(a). Magnetic field lines (flux) are directed primarily into the region beneath the transmitter loop. Lenz's Law dictates that the induced secondary field will oppose the primary field. Consequently, at the receiver, both the primary and secondary field will be in the same direction. As a result, the response from a flat lying conductor consists of a positive response over the target. At the edge of the conductor, there is a negative response which occurs when both coils are straddling the edge of the conductor. When either the transmitter or receiver coil is over the edge of the conductor, there is no secondary field and the response is zero. As the depth to the flat lying conductor increases, the strength of the response is attenuated. The effective depth of investigation of the HLEM method for flat lying conductors is approximately 1.5 times the coil spacing.

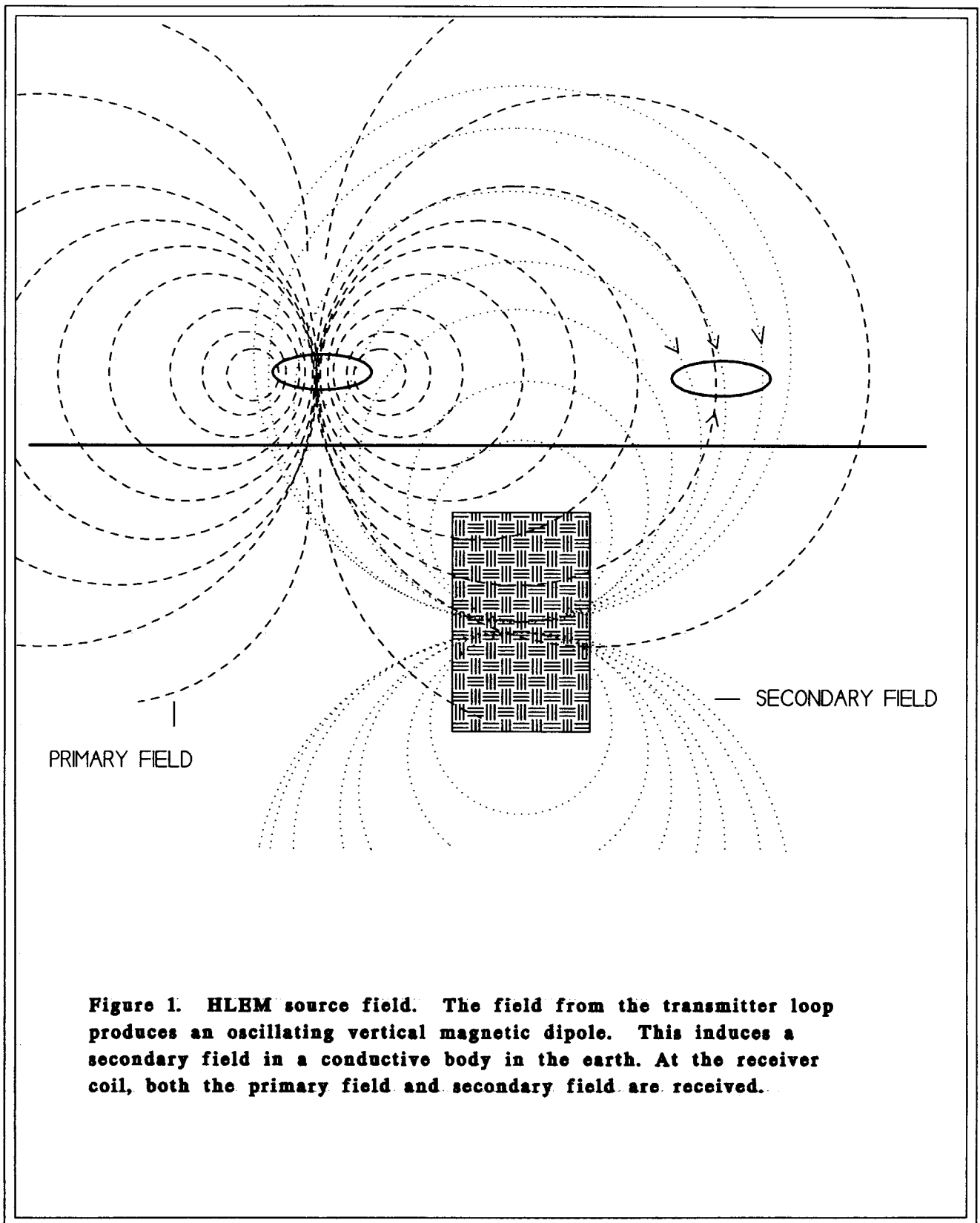


Figure 1. HLEM source field. The field from the transmitter loop produces an oscillating vertical magnetic dipole. This induces a secondary field in a conductive body in the earth. At the receiver coil, both the primary field and secondary field are received.

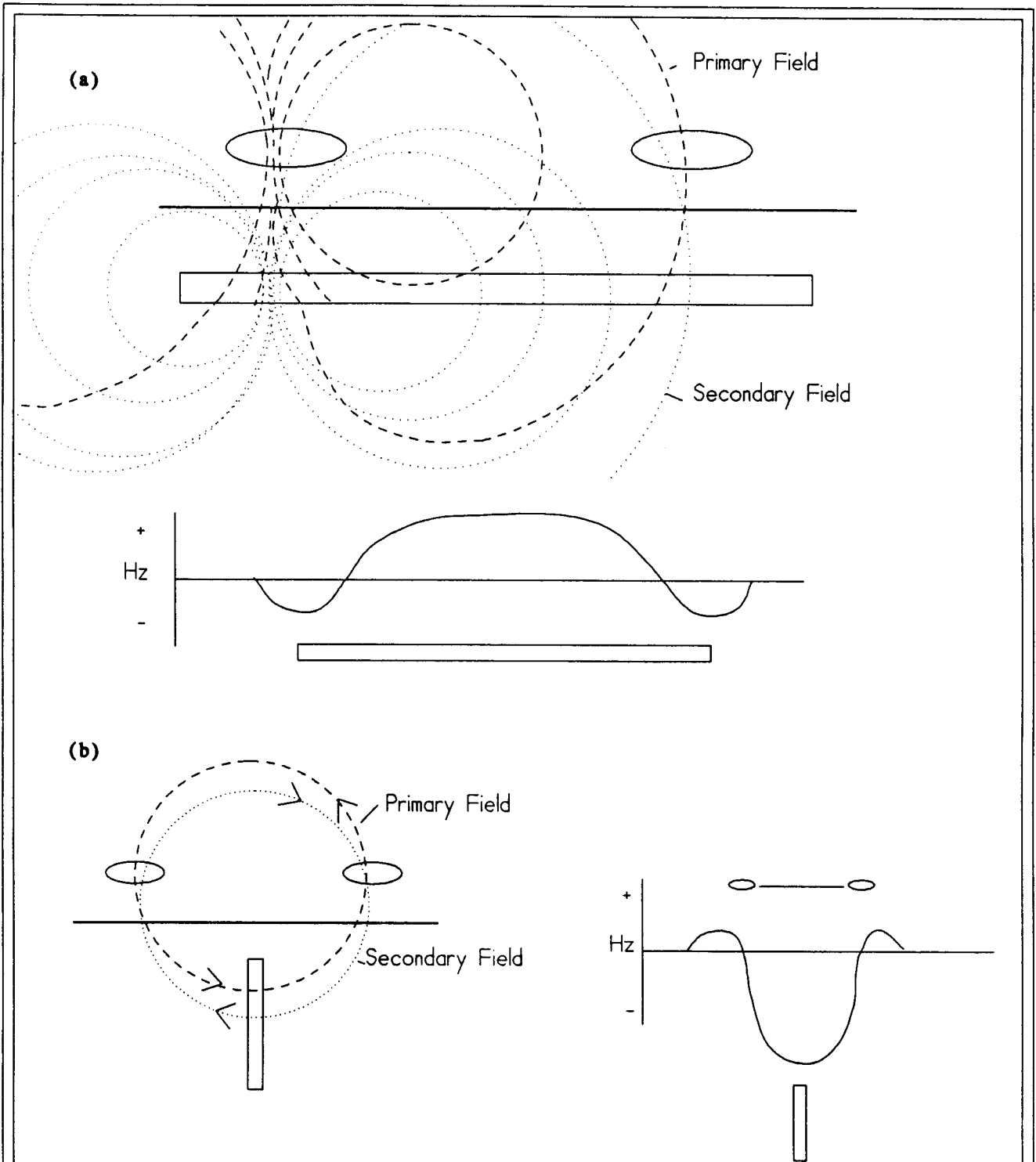


Figure 2. HLEM responses. (a) Response over a flat lying conductor consists of a positive response. (b) Response over a dipping conductor consists of a negative response.

The HLEM response of a steeply dipping conductor is shown in Figure 2(b). Field lines from the transmitter are horizontal at a point midway between the two coils and in this orientation, cut the conductor at right angles creating the best coupling. Lenz's Law dictates that the secondary field will oppose the primary field and at the receiver coil, the secondary field is in the opposite direction to the primary field. As a result, the response when profiling over a steeply dipping conductor consists of a trough with peak negative value occurring when the coils straddle the conductor. The flanking positive peaks result from induction effects as the pair of coils are close to but not straddling the conductor. When either of the coils is directly over the target, the response is zero because the primary field is not well coupled with the target (ie it is perpendicular to the edge of the conductor) and little secondary field is created.

A dipping tabular conductor can be specified by the dip and dip direction, depth to top, target width and electrical conductance (conductivity thickness product or σt). The effect of varying these parameters is shown in Figure 3 for the case of a response from a single isolated HLEM conductor. Asymmetry in the positive shoulders indicates the dip direction and the ratio of the positive shoulder responses can be used to estimate the dip (Figure 3(a)). The strength of the response is largely determined by the depth to the top of the conductor. Increasing the depth to the top of the conductor decreases the amplitude of the response but does not otherwise change the shape of the response (Figure 3(b)). The effective depth of investigation of the HLEM method for steeply dipping targets is approximately one half the coil spacing. If the conductor is wide, the location of the zero crossovers, normally equal to the coil spacing, will increase. If the width reaches approximately one half the coil spacing, the trough of the response for shallow targets will start to deflect slightly to the positive. If the width of the target approaches that of the coil spacing, the positive return in the trough will be apparent at any depth to target (Figure 3(c)). As noted above, the electrical conductance controls the ratio of the in-phase to quadrature response. Weak targets show only a quadrature response. As the target conductance increases the strength of the in-phase component will increase. Very high conductance targets are characterized by strong in-phase responses and weak to very weak quadrature responses (Figure 3(d)).

Interpretation procedures for HLEM data are dependent upon the model to which the data is to be fitted. In most cases, the characteristic shape of the response will dictate the likely overall geometry of the source and thus the model to which the response should be fitted. Flat lying targets can be directly modelled with computerized calculations of target responses. Dipping tabular body responses on the other hand cannot be numerically modelled and must either be approximated through finite-element models or interpreted using characteristic curves. Characteristic curves for tabular dipping conductors incorporate several key features of the responses described in Figure 3 into simple charts. These responses are derived from model experiments. The ratio of positive shoulders responses and the ratio of in-phase to

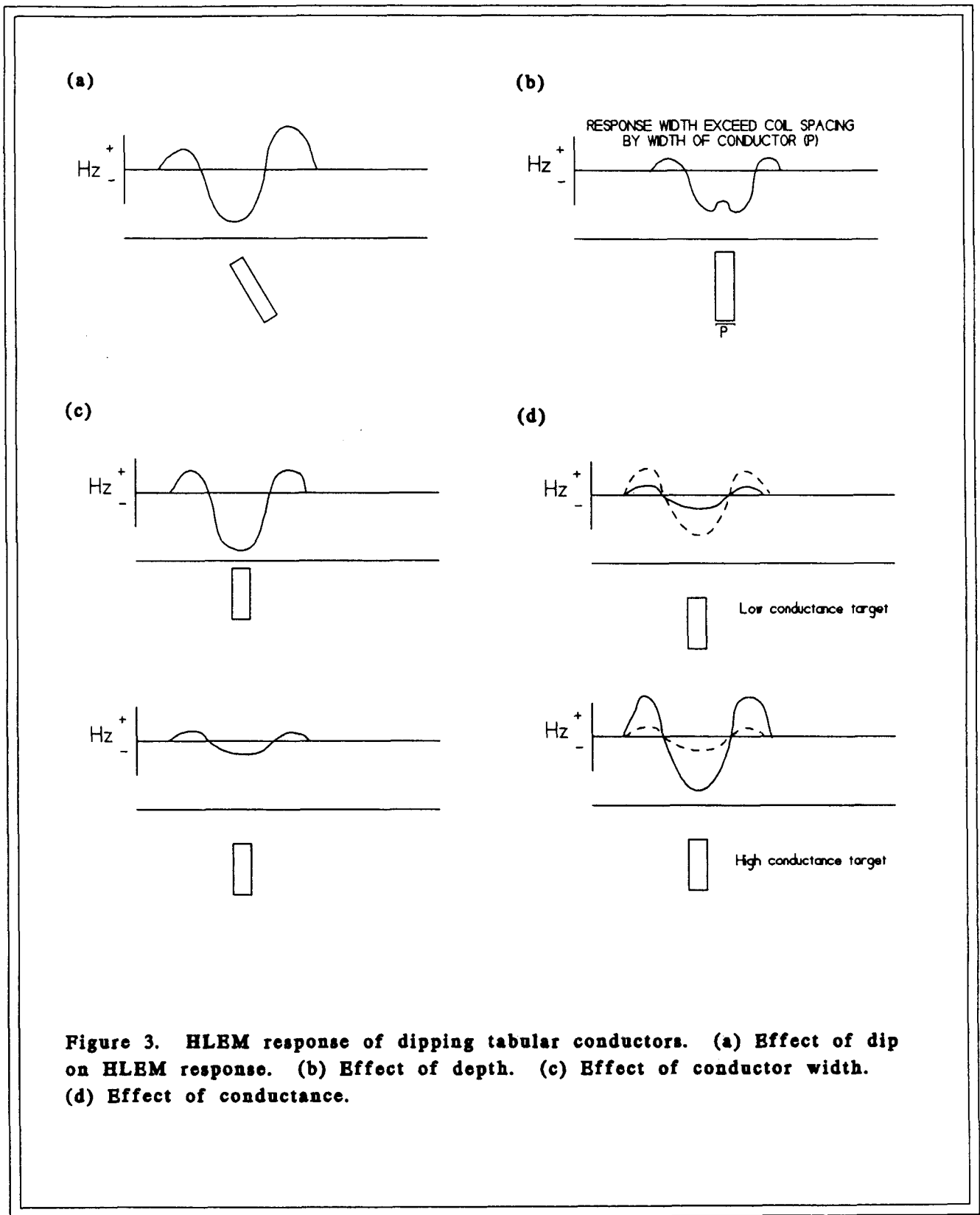


Figure 3. HLEM response of dipping tabular conductors. (a) Effect of dip on HLEM response. (b) Effect of depth. (c) Effect of conductor width. (d) Effect of conductance.

quadrature peak negative values are the commonly used features of the response. An example of these charts is shown in Figure 4.

The data contained in this report was interpreted using characteristic curves developed by Ketola and Puranen (1967). The procedure, normally done by hand, has been automated in proprietary software (MMPLOT) developed by Amerok Geosciences Ltd. The characteristics of each response are entered into a computer program which creates a batch plotting file. The data is plotted directly on a CADD diagram with each of the characteristic curves on a different layer. The operator is able to quickly match the data to the curve which best fits the data by selecting different characteristic curves (ie. by changing layers). Where the data falls between two curves, the conductance and depth to top parameters can be interpolated but the dip cannot be reliably interpolated.

4.0 MAGNETIC FIELD INTERPRETATION PROCEDURES

Magnetic field anomaly interpretation was performed with SAKI, a program to forward model the 2.5D response of magnetic bodies of arbitrary prismatic cross section developed by the United States Geological Survey. The program uses semi-automated Marquardt inversion to calculate the anomalies associated with bodies of finite strike length. The program was tested by the one of the authors (M.Power) against analytical solutions to simple anomalies and produced accurate results.

5.0 SURVEY PROCEDURES

The geophysical surveys were performed with the following instruments:

HLEM instruments

Apex Parametrics Maxmin I-9 with attached MMC (datalogger/computer). This instrument operates at 110, 220, 440, 880, 1760, 3520, 7040, 14,080 and 28,160 Hz. Cables at lengths of 50, 100 and 150 m were used in the surveys.

Magnetic field instruments

2 Omni Plus proton precession magnetometers, 1 Omni IV proton precession magnetometer.

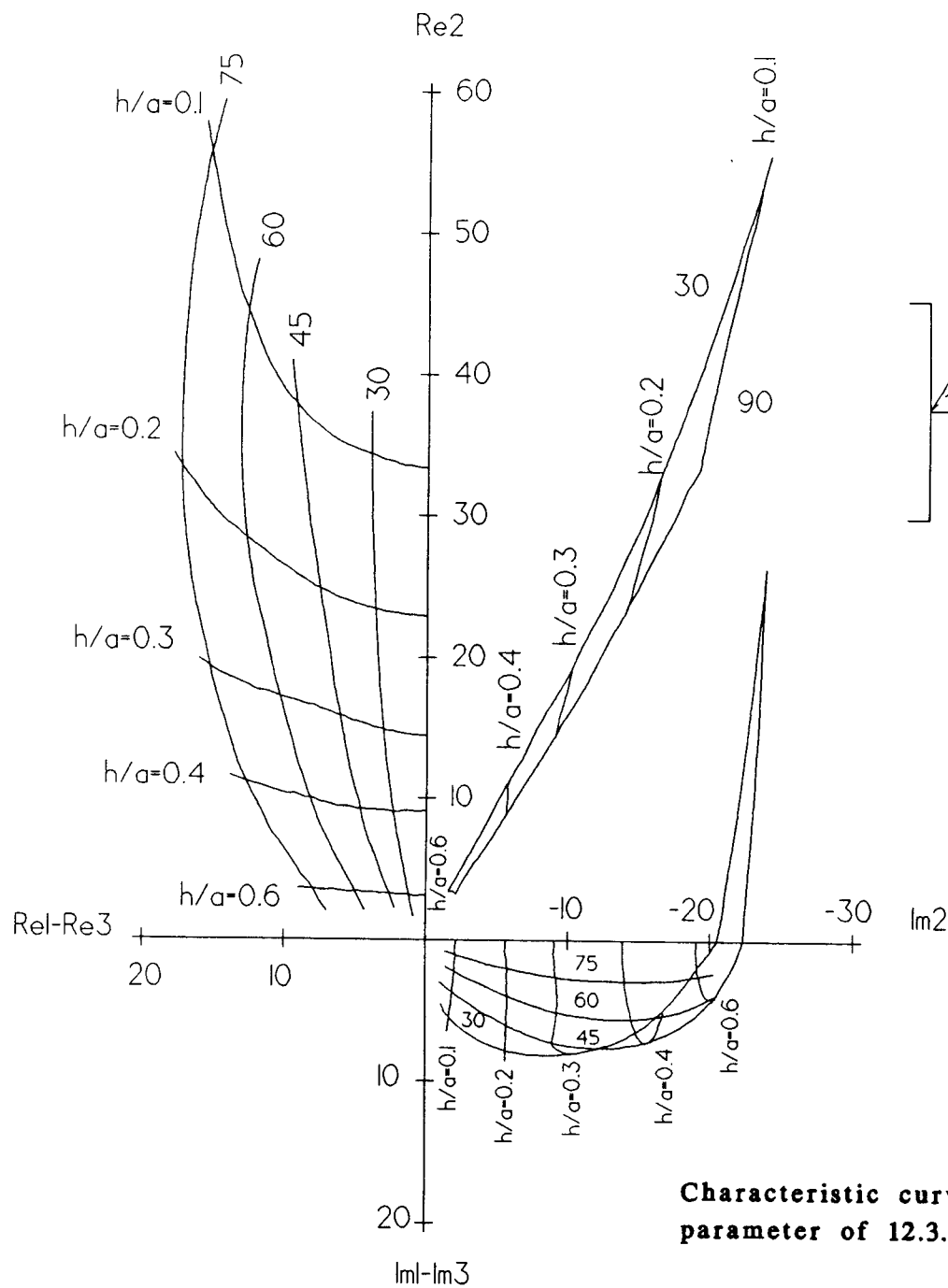


Figure 4. Characteristic curves for a dipping tabular conductor from Ketola and Puranen (1967). Critical measurements of the response shown in the upper right are extracted and plotted to determine the geometry and conductance of the target.

Other

P-75 laptop computer, Fujitsu colour printer, Trimble Scout non-differential GPS. All data was processed and plotted in GEOPAK.

The HLEM surveys were performed using the 100 m cable and frequencies of 220, 880 and 3520 Hz on the first pass. Detailed surveys were performed over anomalies of interest using 50 and 150 m coils and the same frequencies. Readings were taken at 25 m stations except on detail surveys with 50 m coils where readings were taken every 12.5 m. The HLEM method requires that the coils be held a constant distance apart and be coplanar. In steep irregular terrain, the coils will frequently be less than the nominal coil spacing (short coiling) and may not be coplanar. These variations in coil geometry produce strong in-phase errors and must be removed from the data before plotting and interpretation. The method used to mitigate these effects requires a slope chained grid and requires the operator to measure the station to station terrain slope in percent with a clinometer. This is normally done by the receiver operator who was in the lead position on most surveys. The correct slope required to maintain the coils coplanar is the arithmetic average of the station to station slopes in the interval between the two coils. The operators hold the coils coplanar during the surveys by holding their coils at this orientation which is calculated and displayed for each reading station by the Maxmin MMC. The effect of short coiling created by irregular topography was removed with Apex Parametrics data processing software (MMCFIX1). The numerical method is described in Varre (1990)(pp A11-3-4).

The magnetic field surveys were conducted using a 12.5 m station spacing. The base station magnetometer was synchronized with the field units daily, prior to the surveys and cycled at 15 to 20 s during the surveys. Corrections to the field data for temporal geomagnetic variation during the surveys were performed either by on-board software or, after dumping, by computer software. When a grid was surveyed with the base station in more than 1 location, the data sets were levelled by surveying a common interval, calculating the mean difference between the two data sets and applying the appropriate correction to one data set to level it to the other.

6.0 DATA PRESENTATION AND FORMATS

Digital data is appended to this report in ASCII XYZ format. Each file has a header on the first line showing the data contained in the columns beneath. For the magnetic field data, the common format is:

```
Line  Station  UTM_Easting  UTM_Northing  Corr_mag
```

For the HLEM data, the common format is:

Line Station UTM_Easting UTM_Northing 220IP 220Q 880IP 880Q 3520IP 3520Q

Corr_mag denote total magnetic field data corrected for diurnal variation. xxxIP and xxxQ denotes in-phase and quadrature components at the prefixing frequency in percent of the vertical primary magnetic field (H_z).

HLEM data is displayed in stacked profile plots showing the survey grid and the in-phase and quadrature readings as solid and dashed line profiles. The zero level on each profile is coincident with the survey line and the direction of the positive response is shown by an arrow near the grid and diagrammatically in the legend. Where possible, a scale of 10% H_z per cm was used in the plotting. The locations of the grid lines have been registered to UTM coordinates with the best data available at the time of writing and UTM registration marks are shown on both HLEM and magnetic field plots. Along the grid lines, the small tick marks show the station locations and every 100 m is indicated by a larger tick. On some plots, alternate station ticks were suppressed by the plotting software. The north arrow in each plot indicates grid north. Conductors of interest are indicated with symbols at each intersection. All anomalies were interpreted as thin tabular conductors unless otherwise indicated. The squares indicating an anomaly are filled where required to indicate the calculated target conductance. Calculated depth to the top of the conductor and any excess width in the response which might indicate a wide target are shown numerically on opposite sides of the anomaly symbols. Conductor axes formed by linking similar line-to-line responses are indicated by thick dashed lines.

Total magnetic field data is displayed in colour contoured maps. These show the locations of the grid lines, marked in the same fashion as in the HLEM plots and contoured values of the total magnetic field. Superimposed on this is a full colour contour plot and any HLEM conductor axes.

7.0 LEAGUE PROPERTY

Ground total magnetic field surveys and horizontal loop electromagnetic field surveys were conducted on the League Property on Aug 18,19 and 22, 1996. The surveys were conducted by C.Lee / R. Kamnitzer (Aug 18, 1996) and M.Power / W. Cuthbertson (Aug 19,22, 1996).

7.1 Survey specifications

A cut grid consisting of 10.8 line-km was centred near drill hole LG-1 to cover airborne anomaly A-40. Survey lines were straight chained (not slope corrected) and picketed with survey lathe. The base line was slope corrected. The magnetic field survey covered 3.2 line-km and the HLEM survey covered 10.8 line-km of this grid. The surveys were conducted using the standard specifications described in section 5.0. No detail surveys were conducted.

7.2 Data

The survey grid location was registered to UTM NAD27 coordinates using the differential GPS location of the drill hole (LG-01) and the measured azimuth of the baseline.

Copies of the digital data are appended to this report in the standard format. Plots of the data collected are contained in the back pockets of this report in the LEAGUE section. The following figures display the data collected on this property:

| Figure | Location | Description |
|--------|----------|---|
| LG-1 | Pocket | Total magnetic field colour contour map. |
| LG-2 | Pocket | Maxmin I-9 / 220 Hz -100 m coils stacked profiles |
| LG-3 | Pocket | Maxmin I-9 / 880 Hz - 100 m coils stacked profiles |
| LG-4 | Pocket | Maxmin I-9 / 3520 Hz - 100 m coils stacked profiles |

The magnetic field survey was foreshortened by an injury to the operator and only covers a small portion of the grid. The data quality is good and shows a low level of noise from sources within overburden. The HLEM data quality is also good with little evidence of frequency invariant in-phase noise which might have resulted from coil control problems.

7.3 Results and interpretation

The HLEM survey located a strong conductor which cuts obliquely across the grid from grid SW to grid NE. The conductor bifurcates between lines 9900E and 10000E into a main northern splay and a southern splay which may trend off the eastern end of the grid between line 10600E and 10700E or end in that interval. Along the section between lines 9700E and 9900E, an interpretation of source parameters is possible because the response is isolated; to the northwest of this interval, such an interpretation is impossible because the full response is not recorded or because of interference between adjacent conductors. Conductances were determined from the 880 Hz response. Interpreted conductor parameters for the section between lines 9700E and 9900E are summarized below:

| Apex location | Depth to top (m) | Dip / dip direction | Excess width (m) | Conductance (S) |
|------------------|------------------|---------------------|------------------|-----------------|
| L9700E
10350N | 20 | 45 south | 40 | 17.7 |
| L9800E
10250N | 25 | 75-90 north | 15 | 27.6 |
| L9900E
10175N | 18 | 35-45 north | 20 | 42.7 |

The error in conductance is in the order of 10 S. The excess width apparent in the responses may result from the oblique strike of the conductor with respect to the grid. The dip to the south on line 9700E is not reliable as there is an interfering response to the south of the conductor which may have skewed the response of the southern positive shoulder. In the section between lines 10000E and 10600E, the response appears to originate from either one wide conductor or from a pair of adjacent conductors. It is impossible to discriminate between the two possible interpretations and the more plausible interpretation of a pair of adjacent conductors is shown. If the response is due to a wide conductor the approximate limits of this wide conductor are shown by the location of the conductor axes.

The magnetic field data covers lines 10600E to 11000E. The overall gradient of the total magnetic field in this area is quite flat with variation in the order of 30 nT apparent across the map. The main conductor axis follows the boundary between a region of relatively low magnetic response to the south and a region of high magnetic response to the north.

There is little outcrop in the area of this grid and the terrain is covered by a veneer of glacial material which interferes with geochemical responses. Volcanoclastic dacitic

rocks intersected in drill hole LG-01 dip to the south at a shallow angle. The predominant indicated northern dip of the conductor coupled with its oblique strike with respect to the local geology suggests that the conductor is discordant and thus possibly a fault. The conductor also follows the boundary of two weakly contrasting magnetic domains and this too suggests that it may be a fault. The high conductance of this target is in the range expected for massive sulphide occurrences but the excess width is a complicating factor in this interpretation. Wide bodies of graphitic fault rocks can also produce high amplitude responses with IP/Q ratios indicating a high target conductance.

7.4 Conclusions

A high conductance, apparently wide conductor, discordant with the known geology was detected on the League grid. This conductor has a target conductance in the range expected for massive sulphides but does not appear to be concordant and has a significant target width. The latter may be a result of the oblique strike of the conductor with respect to the grid. This target merits additional investigation if new supporting geological or geochemical data allow it to be interpreted as a stratabound conductor.

16.0 CONCLUSION


The results of the field work lead to the following general operational conclusions:

- a. Ground HLEM and total magnetic field surveys are particularly necessary to screen weak airborne EM anomalies for additional follow-up. The effective depth of investigation of an airborne system is putatively 75 m but this is only under the most ideal of circumstances (ie. flat country with extremely conductive targets in very resistive host bedrock). Conductances derived from weak airborne responses are subject to large errors. Resurveying with a ground HLEM system is the only way of definitively investigating these anomalies.
- b. If the ground program is based on helicopter-borne electromagnetic data and it can be demonstrated that the probable targets are not extremely conductive (ie. <40 S), the Genie SE-88 system could be used in place of the Maxmin system. The Genie system does not require a reference cable and can be conducted on lines which are not cut. A major problem with the system is that it produces no response over extremely conductive targets (eg. pyrrhotite- or chalcopyrite-rich targets).

Respectfully submitted
AMEROK GEOSCIENCES LTD.



M. A. Power M.Sc. P.Geo.
 Geophysicist

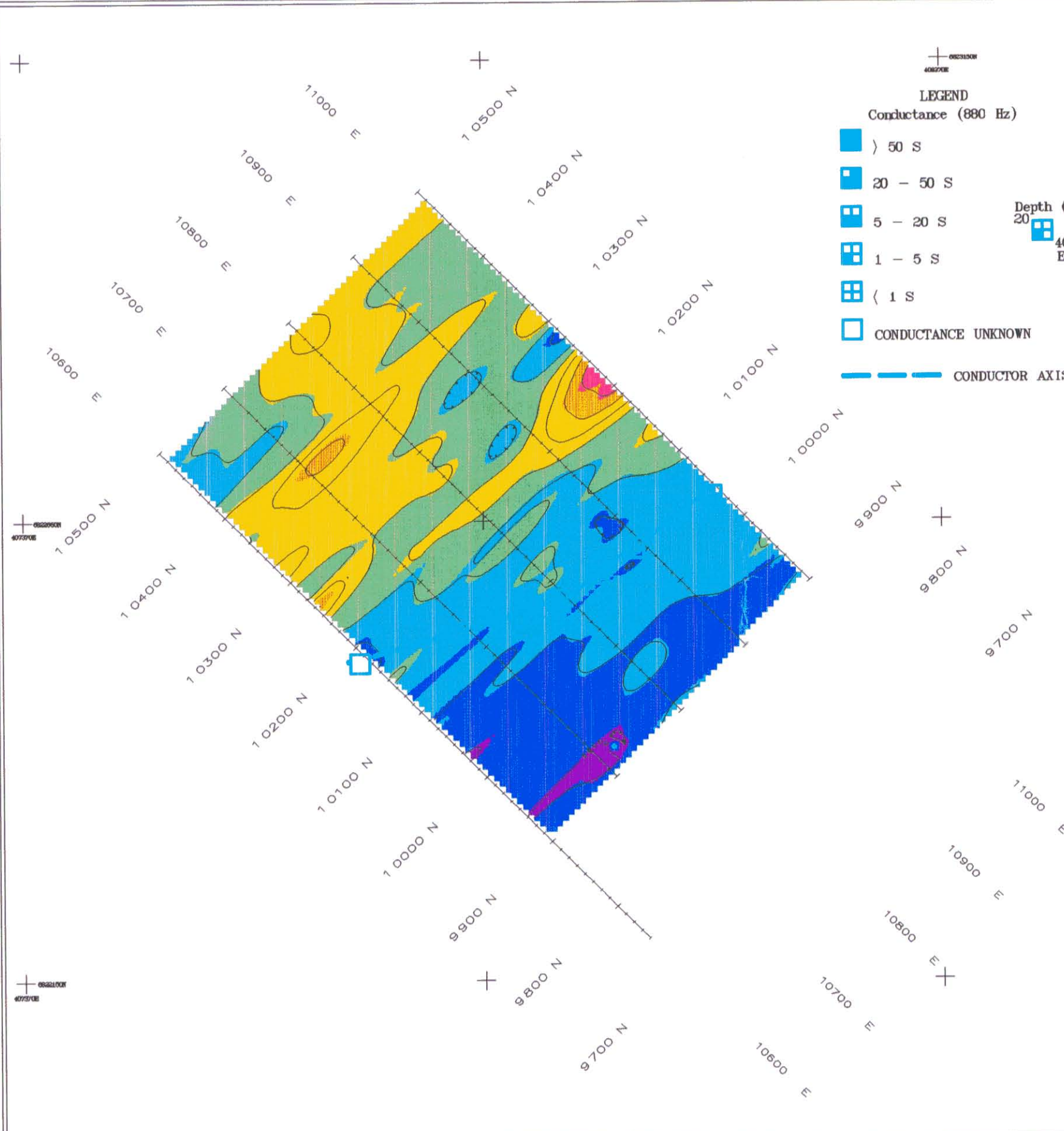

 C. C. Lee B.Sc.
 Geologist

REFERENCES CITED

Telford, W.M., L.P. Geldart and R.E. Sheriff (1990) Applied Geophysics (2nd Edition)
New York: Cambridge University Press.

Ketola, M. and M. Puranen (1967) Type curves for the interpretation of Slingram
(horizontal loop) anomalies over tabular bodies. Geological Survey of Finland
Report of Investigations No. 1.

Varre, T. (1990) Apex Parametrics Maxmin I-9 manual. Uxbridge: Apex Parametrics.



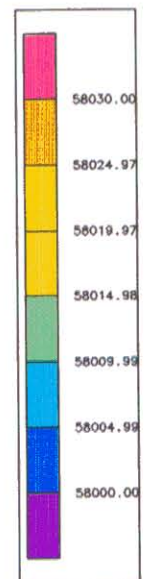
LEGEND
Conductance (880 Hz)

- > 50 S
- 20 - 50 S
- 5 - 20 S
- 1 - 5 S
- < 1 S
- CONDUCTANCE UNKNOWN
- CONDUCTOR AXIS

Depth (m)
20
40
Excess width (m)



093571



CONTOUR INTERVAL: 5 nT



SCALE: 1:5000

EXPATRIATE RESOURCES LTD.

LEAGUE PROPERTY

NTS: 105 G/10
(Grid registered to UTM Datum NAD 87)

TOTAL MAGNETIC FIELD SURVEY
CONTOUR MAP

FIG. LG - 1

AMEROK GEOSCIENCES LTD.

+ 6823200N
406700E

+ 6823200N
407200E

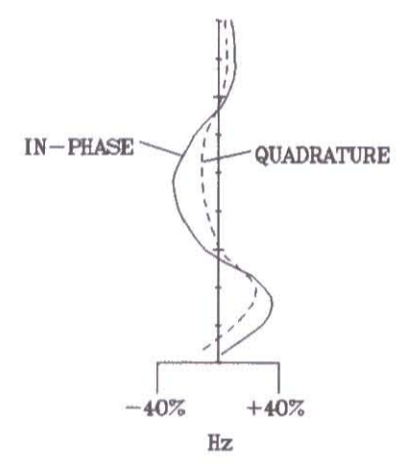
+ 6822200N
408200E

+ 6822200N
408200E

+ 6821700N
408200E



- LEGEND
- Conductance (880 Hz)
- > 50 S
 - 20 - 50 S
 - 5 - 20 S
 - 1 - 5 S
 - < 1 S
 - CONDUCTANCE UNKNOWN
- Depth (m)
- 20
 - 40
- Excess width (m)
- 40
- CONDUCTOR AXIS



SCALE: 1:5000

EXPATRIATE RESOURCES LTD.

LEAGUE PROPERTY

NTS: 105 G/10
(Grid registered to UTM Datum NAD 27)

MAXMIN 1-9 SURVEY
100 m COILS - 220 Hz

STACKED PROFILES

FIG. LG - 2



AMEROK GEOSCIENCES LTD.

#6

093571

+

+

+

+

+

+

+

+

+

+

+

+

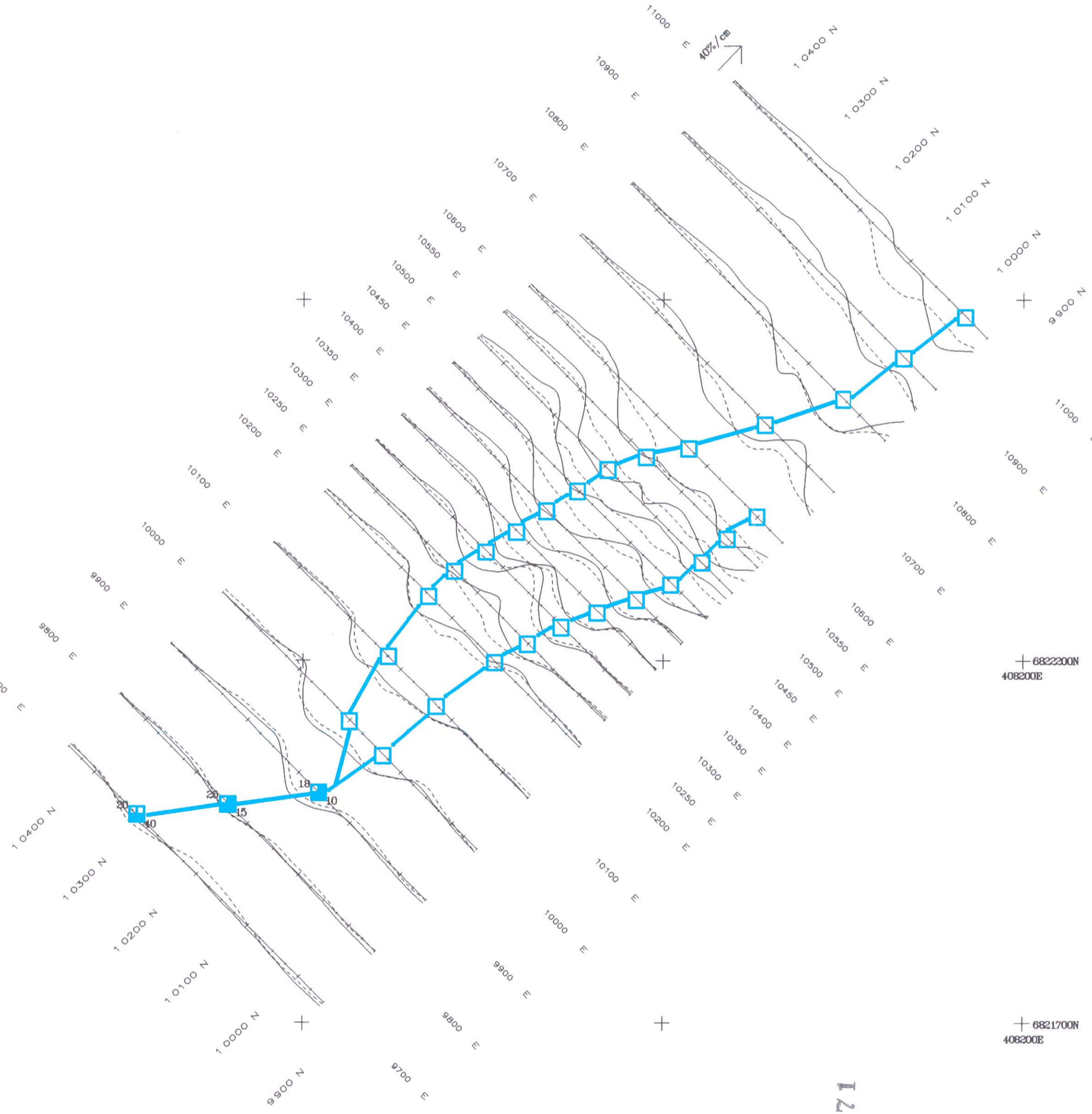
+

+

+

+

40% / cm



+ 6823200N
406700E

+ 6823200N
407200E

+ 6822200N
408200E

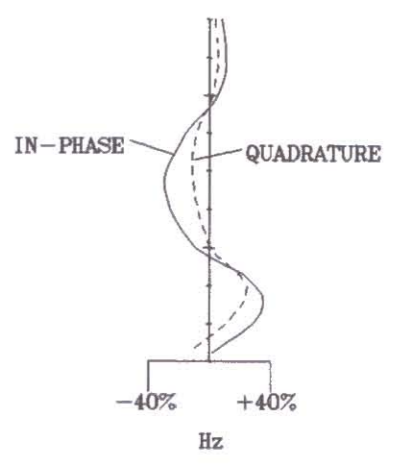
+ 6822200N
408200E

+ 6821700N
408200E



LEGEND
Conductance (880 Hz)

- > 50 S
 - 20 - 50 S
 - 5 - 20 S
 - 1 - 5 S
 - < 1 S
 - CONDUCTANCE UNKNOWN
 - CONDUCTOR AXIS
- Depth (m)
20 40
- Excess width (m)
40



SCALE: 1:5000

EXPATRIATE RESOURCES LTD.

LEAGUE PROPERTY

NTS: 105 G/10
(Grid registered to UTM Datum NAD 27)

MAXMIN I-9 SURVEY
100 m COILS - 880 Hz

STACKED PROFILES

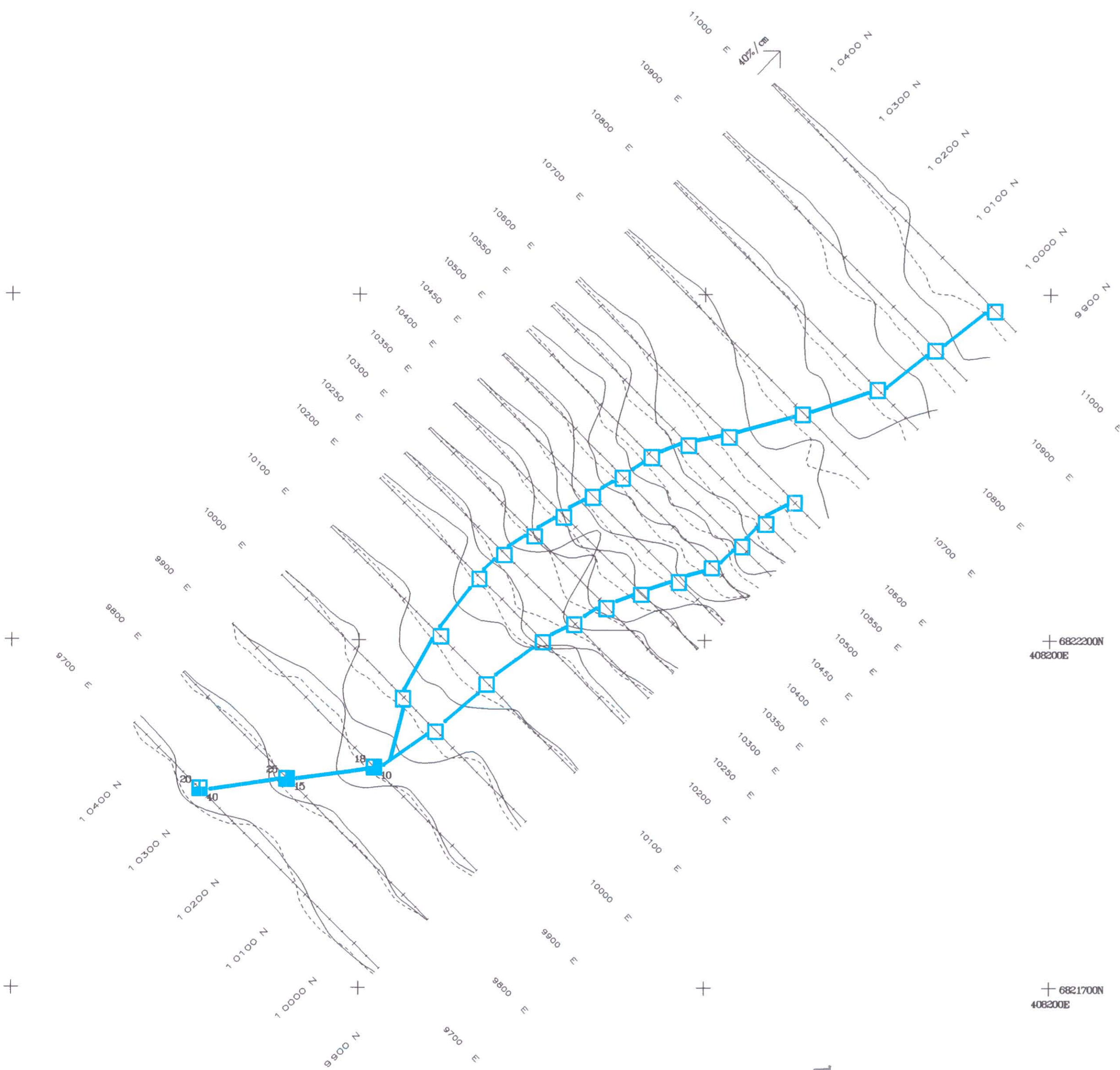
FIG. LG - 3



AMEROK GEOSCIENCES LTD.

117

093571



APPENDIX IV
CERTIFICATES OF ANALYSIS



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

Client: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page : 1-A
Total Pages : 1
Certificate Date: 29-AUG-96
Invoice No. : 19628921
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9628921

| SAMPLE | PREP CODE | 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 | Mo ppm |
|---------|-----------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|--------|
| N110336 | 205 226 | 0.2 | 1.12 | < 2 | 80 | < 0.5 | < 2 | 0.23 | < 0.5 | 2 | 79 | 4 | 1.04 | < 10 | < 1 | 0.25 | 60 | 0.86 | 270 | 1 |

CERTIFICATION: Ho S. Perrella



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page : 1-B
Total Pages : 1
Certificate Date: 29-AUG-96
Invoice No. : 19628921
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9628921

| SAMPLE | PREP CODE | | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|---------|-----------|-----|--------|-----|-----|-----|-----|-----|-----|--------|------|------|-----|------|-----|
| | | | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| N110336 | 205 | 226 | < 0.01 | 3 | 120 | 150 | < 2 | < 1 | 16 | < 0.01 | < 10 | < 10 | 2 | < 10 | 120 |

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page : 1-A
Total Pages : 1
Certificate Date: 26-JUN-96
Invoice No. : 19621329
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9621329

| SAMPLE | PREP CODE | 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 | Mo
ppm |
|---------|-----------|-----------|---------|-----------|-----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|---------|-----------|-----------|--------|-----------|---------|-----------|-----------|
| N110306 | 205 226 | < 0.2 | 0.30 | < 2 | 20 | < 0.5 | 2 | 0.07 | < 0.5 | 1 | 99 | 5 | 1.24 | < 10 | < 1 | 0.13 | 40 | 0.04 | 60 | 1 |

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Page 1 :1-B
Total Pages :1
Certificate Date: 26-JUN-96
Invoice No. :I9621329
P.O. Number :
Account :MPO

Project : LEAGUE
Comments:

CERTIFICATE OF ANALYSIS

A9621329

| SAMPLE | PREP CODE | | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|---------|-----------|-----|------|-----|-----|-----|-----|-----|-----|--------|------|------|-----|------|-----|
| | | | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| N110306 | 205 | 226 | 0.05 | 3 | 350 | 28 | < 2 | 2 | 5 | < 0.01 | < 10 | < 10 | 4 | < 10 | 24 |

CERTIFICATION: Hart Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page : 1-A
Total Pages : 1
Certificate Date: 29-AUG-96
Invoice No. : I9628919
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9628919

| SAMPLE | PREP CODE | | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
|--------|-----------|-----|-----|------|-----|-----|-------|-----|------|-----|-----|-----|-----|------|------|-----|------|-----|------|-----|-----|
| | | | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| BB5496 | 201 | 202 | 0.4 | 1.62 | 16 | 230 | 0.5 | < 2 | 0.65 | 1.5 | 12 | 53 | 49 | 2.89 | < 10 | < 1 | 0.11 | 40 | 0.93 | 405 | 5 |
| BB5497 | 201 | 202 | 3.0 | 0.79 | 24 | 150 | < 0.5 | < 2 | 0.22 | 1.0 | 3 | 10 | 42 | 2.20 | < 10 | 1 | 0.10 | 100 | 0.53 | 170 | 8 |
| BB5498 | 201 | 202 | 2.4 | 1.29 | 18 | 160 | 0.5 | < 2 | 0.26 | 2.5 | 5 | 18 | 51 | 1.79 | < 10 | < 1 | 0.13 | 70 | 0.87 | 170 | 4 |
| BB5499 | 201 | 202 | 7.6 | 0.65 | 40 | 60 | < 0.5 | < 2 | 0.09 | 1.5 | 1 | 6 | 89 | 2.45 | < 10 | 2 | 0.12 | 90 | 0.46 | 110 | 11 |
| BB5500 | 201 | 202 | 3.0 | 1.32 | 18 | 210 | 0.5 | < 2 | 0.31 | 3.0 | 5 | 22 | 82 | 1.91 | < 10 | < 1 | 0.14 | 70 | 0.87 | 230 | 4 |

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project: LEAGUE
 Comments:

Page: 1-B
 Total Pages: 1
 Certificate Date: 29-AUG-96
 Invoice No.: I9628919
 P.O. Number:
 Account: MPO

CERTIFICATE OF ANALYSIS

A9628919

| SAMPLE | PREP | | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|--------|------|-----|--------|-----|-----|------|-----|-----|-----|--------|------|------|-----|------|------|
| | CODE | | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| BB5496 | 201 | 202 | < 0.01 | 51 | 760 | 56 | < 2 | 5 | 45 | 0.01 | < 10 | < 10 | 43 | < 10 | 388 |
| BB5497 | 201 | 202 | < 0.01 | 10 | 470 | 1235 | < 2 | 1 | 20 | < 0.01 | < 10 | < 10 | 8 | < 10 | 816 |
| BB5498 | 201 | 202 | < 0.01 | 16 | 570 | 1590 | 2 | 1 | 21 | < 0.01 | < 10 | < 10 | 13 | < 10 | 1015 |
| BB5499 | 201 | 202 | < 0.01 | 4 | 310 | 7420 | 8 | < 1 | 15 | < 0.01 | < 10 | < 10 | 5 | < 10 | 898 |
| BB5500 | 201 | 202 | < 0.01 | 20 | 510 | 1885 | 2 | 2 | 26 | < 0.01 | < 10 | < 10 | 16 | < 10 | 1150 |

CERTIFICATION: *Keith B...*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project : LEAGUE
 Comments :

Page : 1-A
 Total Pages : 1
 Certificate Date: 12-AUG-96
 Invoice No. : 19626572
 P.O. Number :
 Account : MPO

CERTIFICATE OF ANALYSIS

A9626572

| SAMPLE | PREP CODE | | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
|---------|-----------|-----|-------|------|-----|-----|-------|-----|------|-------|-----|-----|-----|------|------|-----|------|-----|------|------|-----|
| | | | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| BB00563 | 201 | 202 | < 0.2 | 0.35 | 24 | 160 | < 0.5 | < 2 | 0.51 | < 0.5 | 30 | 9 | 35 | 5.11 | < 10 | < 1 | 0.07 | 50 | 0.10 | 535 | < 1 |
| BB00564 | 201 | 202 | 0.8 | 0.34 | 36 | 160 | < 0.5 | < 2 | 0.29 | < 0.5 | 16 | 5 | 28 | 3.10 | < 10 | < 1 | 0.09 | 40 | 0.10 | 160 | < 1 |
| BB00565 | 201 | 202 | < 0.2 | 1.25 | 158 | 220 | < 0.5 | 2 | 6.42 | < 0.5 | 34 | 49 | 60 | 5.65 | < 10 | < 1 | 0.08 | 10 | 0.88 | 885 | < 1 |
| BB00566 | 201 | 202 | < 0.2 | 1.90 | 42 | 140 | < 0.5 | < 2 | 0.54 | < 0.5 | 14 | 52 | 21 | 3.15 | < 10 | < 1 | 0.12 | 40 | 1.10 | 340 | < 1 |
| BB00567 | 201 | 202 | < 0.2 | 2.02 | 46 | 240 | < 0.5 | < 2 | 0.55 | < 0.5 | 15 | 52 | 12 | 3.24 | < 10 | < 1 | 0.12 | 30 | 1.12 | 320 | 1 |
| BB00568 | 201 | 202 | < 0.2 | 2.23 | 12 | 200 | 0.5 | < 2 | 0.62 | < 0.5 | 18 | 55 | 25 | 3.80 | < 10 | < 1 | 0.19 | 40 | 1.10 | 365 | < 1 |
| BB00569 | 201 | 202 | < 0.2 | 4.35 | 22 | 100 | 1.5 | < 2 | 0.55 | 0.5 | 51 | 64 | 15 | 6.56 | 10 | < 1 | 0.13 | 40 | 1.58 | 1180 | 1 |
| BB00570 | 201 | 202 | < 0.2 | 2.48 | 142 | 130 | 0.5 | < 2 | 0.83 | < 0.5 | 23 | 41 | 21 | 4.05 | 10 | < 1 | 0.20 | 40 | 1.24 | 600 | 1 |
| BB00571 | 201 | 202 | 0.4 | 1.89 | 30 | 240 | 0.5 | < 2 | 0.34 | 5.0 | 20 | 50 | 14 | 7.83 | < 10 | < 1 | 0.09 | 10 | 0.76 | 3060 | 3 |
| BB00572 | 201 | 202 | < 0.2 | 1.86 | 14 | 290 | 0.5 | < 2 | 0.28 | < 0.5 | 13 | 45 | 24 | 2.49 | < 10 | < 1 | 0.10 | 30 | 0.64 | 390 | 1 |
| BB00573 | 201 | 202 | < 0.2 | 1.89 | 18 | 130 | < 0.5 | < 2 | 0.42 | < 0.5 | 16 | 59 | 26 | 3.20 | < 10 | < 1 | 0.12 | 40 | 1.02 | 500 | < 1 |
| BB00574 | 201 | 202 | < 0.2 | 2.22 | 14 | 140 | 0.5 | < 2 | 0.59 | < 0.5 | 15 | 78 | 20 | 3.07 | < 10 | < 1 | 0.16 | 20 | 1.23 | 240 | < 1 |
| BB00575 | 201 | 202 | < 0.2 | 4.00 | 42 | 230 | 0.5 | < 2 | 0.90 | < 0.5 | 62 | 299 | 89 | 7.84 | 10 | < 1 | 0.15 | 50 | 2.96 | 1460 | < 1 |

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project : LEAGUE
 Comments :

Page : 1 of 1-B
 Total Pages : 1
 Certificate Date: 12-AUG-96
 Invoice No. : 19626572
 P.O. Number :
 Account : MPO

CERTIFICATE OF ANALYSIS A9626572

| SAMPLE | PREP CODE | | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|---------|-----------|-----|--------|-----|------|-----|-----|-----|-----|--------|------|------|-----|------|-----|
| | | | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| BB00563 | 201 | 202 | < 0.01 | 67 | 860 | 16 | 6 | 4 | 22 | < 0.01 | < 10 | < 10 | 10 | < 10 | 148 |
| BB00564 | 201 | 202 | < 0.01 | 33 | 400 | 12 | < 2 | 3 | 28 | < 0.01 | < 10 | < 10 | 5 | < 10 | 68 |
| BB00565 | 201 | 202 | < 0.01 | 79 | 840 | 4 | < 2 | 13 | 106 | < 0.01 | < 10 | < 10 | 40 | < 10 | 88 |
| BB00566 | 201 | 202 | < 0.01 | 30 | 1050 | 10 | 2 | 5 | 34 | 0.09 | < 10 | < 10 | 46 | < 10 | 76 |
| BB00567 | 201 | 202 | < 0.01 | 29 | 740 | 6 | 2 | 4 | 32 | 0.10 | < 10 | < 10 | 47 | < 10 | 66 |
| BB00568 | 201 | 202 | < 0.01 | 41 | 620 | 10 | < 2 | 5 | 42 | 0.10 | < 10 | < 10 | 48 | < 10 | 78 |
| BB00569 | 201 | 202 | < 0.01 | 45 | 1840 | 32 | 10 | 7 | 95 | 0.04 | < 10 | < 10 | 40 | < 10 | 170 |
| BB00570 | 201 | 202 | 0.03 | 33 | 520 | 16 | 2 | 6 | 101 | 0.04 | < 10 | < 10 | 35 | < 10 | 110 |
| BB00571 | 201 | 202 | < 0.01 | 22 | 1490 | 20 | 6 | 3 | 19 | 0.07 | < 10 | < 10 | 55 | < 10 | 116 |
| BB00572 | 201 | 202 | < 0.01 | 33 | 730 | 16 | 2 | 4 | 18 | 0.06 | < 10 | < 10 | 47 | < 10 | 80 |
| BB00573 | 201 | 202 | < 0.01 | 40 | 950 | 10 | 6 | 5 | 27 | 0.09 | < 10 | < 10 | 51 | < 10 | 84 |
| BB00574 | 201 | 202 | < 0.01 | 34 | 1090 | 18 | 4 | 5 | 20 | 0.13 | < 10 | < 10 | 66 | < 10 | 88 |
| BB00575 | 201 | 202 | < 0.01 | 207 | 1850 | 6 | 8 | 18 | 20 | 0.09 | < 10 | < 10 | 146 | < 10 | 172 |

CERTIFICATION:

Handwritten signature



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

Client: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: LEAGUE
Comments:

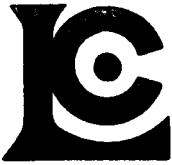
Page: 1 of 1
Total Pages: 1
Certificate Date: 22-JUL-96
Invoice No.: I9624548
P.O. Number:
Account: MPO

CERTIFICATE OF ANALYSIS

A9624548

| SAMPLE | PREP CODE | Au ppb FA+AA | | | | | | | | | |
|--------|-----------|--------------|--|--|--|--|--|--|--|--|--|
| T 6088 | 244 -- | 30 | | | | | | | | | |
| T 6089 | 244 -- | < 5 | | | | | | | | | |
| T 6090 | 244 -- | < 5 | | | | | | | | | |

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

J: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page 1 of 1
Total Pages : 1
Certificate Date: 22-JUL-96
Invoice No. : I9624547
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9624547

| SAMPLE | PREP CODE | Au ppb
FA+AA | | | | | | | | | |
|--------|-----------|-----------------|--|--|--|--|--|--|--|--|--|
| 00587 | 244 -- | 125 | | | | | | | | | |
| 00940 | 244 -- | < 5 | | | | | | | | | |
| 00941 | 244 -- | < 5 | | | | | | | | | |
| 00942 | 244 -- | < 5 | | | | | | | | | |
| 00954 | 244 -- | < 5 | | | | | | | | | |
| 00957 | 244 -- | < 5 | | | | | | | | | |
| 00964 | 244 -- | < 5 | | | | | | | | | |
| 00968 | 244 -- | < 5 | | | | | | | | | |

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page : 1-A
Total Pages : 2
Certificate Date: 15-JUL-96
Invoice No. : 19623399
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9623399

| SAMPLE | PREP CODE | 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 | Mo ppm |
|----------|-----------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|--------|
| BB-04678 | 201 202 | 3.6 | 1.17 | 30 | 260 | 0.5 | < 2 | 0.38 | 2.5 | 14 | 19 | 77 | 3.85 | < 10 | 1 | 0.13 | 50 | 0.71 | 1385 | 6 |
| BB-04679 | 201 202 | < 0.2 | 0.11 | < 2 | 20 | < 0.5 | < 2 | 0.14 | < 0.5 | 1 | 1 | 1 | 0.36 | < 10 | < 1 | 0.03 | < 10 | 0.04 | 25 | < 1 |
| BB-04680 | 201 202 | 0.2 | 0.90 | 2 | 350 | < 0.5 | < 2 | 3.39 | 1.5 | 7 | 9 | 43 | 2.32 | < 10 | < 1 | 0.05 | 10 | 0.57 | 3730 | 3 |
| BB-04693 | 201 202 | < 0.2 | 1.54 | 10 | 170 | < 0.5 | < 2 | 0.29 | < 0.5 | 11 | 42 | 17 | 2.98 | < 10 | < 1 | 0.12 | 30 | 0.92 | 655 | 4 |
| BB-04694 | 201 202 | 0.2 | 1.05 | 14 | 350 | < 0.5 | < 2 | 2.26 | 0.5 | 8 | 13 | 42 | 2.27 | < 10 | < 1 | 0.06 | < 10 | 0.25 | 885 | 1 |
| BB-04695 | 201 202 | < 0.2 | 1.92 | 10 | 350 | 0.5 | < 2 | 0.65 | 0.5 | 14 | 41 | 45 | 3.26 | < 10 | < 1 | 0.19 | 40 | 1.05 | 420 | 1 |
| BB-04696 | 201 202 | 0.2 | 1.65 | 10 | 310 | < 0.5 | < 2 | 1.27 | 0.5 | 10 | 42 | 20 | 2.50 | < 10 | < 1 | 0.16 | 10 | 0.82 | 375 | < 1 |
| BB-04697 | 201 202 | 0.4 | 1.51 | 12 | 620 | 0.5 | < 2 | 0.75 | 1.5 | 12 | 33 | 27 | 3.29 | < 10 | < 1 | 0.14 | 30 | 0.87 | 1905 | 4 |
| BB-04698 | 201 202 | 0.2 | 1.58 | 14 | 430 | 0.5 | < 2 | 3.89 | 0.5 | 9 | 29 | 36 | 3.01 | < 10 | < 1 | 0.12 | 20 | 1.67 | 1810 | 1 |
| BB-04699 | 201 202 | 0.6 | 1.36 | 8 | 270 | < 0.5 | < 2 | 1.23 | 1.0 | 13 | 58 | 57 | 3.07 | < 10 | < 1 | 0.12 | 30 | 0.84 | 835 | 6 |
| BB-04700 | 201 202 | 0.2 | 1.75 | 14 | 260 | < 0.5 | < 2 | 0.54 | 0.5 | 14 | 50 | 42 | 3.27 | < 10 | 1 | 0.14 | 30 | 0.95 | 435 | 6 |
| BB-04701 | 201 202 | 0.4 | 1.96 | 12 | 260 | 0.5 | < 2 | 0.58 | 1.0 | 15 | 64 | 61 | 3.75 | < 10 | < 1 | 0.17 | 30 | 1.08 | 540 | 5 |
| BB-04702 | 201 202 | 0.2 | 1.56 | 22 | 280 | 0.5 | < 2 | 0.39 | 1.5 | 17 | 39 | 63 | 3.06 | < 10 | < 1 | 0.18 | 40 | 0.78 | 200 | 3 |
| BB-04703 | 201 202 | 0.2 | 2.05 | 10 | 450 | 0.5 | < 2 | 0.86 | 0.5 | 14 | 38 | 43 | 3.56 | < 10 | < 1 | 0.17 | 30 | 1.09 | 450 | 2 |
| BB-04704 | 201 202 | 0.2 | 1.78 | 10 | 300 | 0.5 | < 2 | 1.90 | 0.5 | 14 | 49 | 57 | 3.55 | < 10 | < 1 | 0.17 | 30 | 1.66 | 1315 | 1 |
| BB-04705 | 201 202 | < 0.2 | 1.74 | 8 | 270 | 0.5 | < 2 | 0.94 | < 0.5 | 12 | 50 | 16 | 2.87 | < 10 | < 1 | 0.15 | 20 | 0.94 | 300 | 1 |
| BB-04706 | 201 202 | < 0.2 | 3.00 | 4 | 350 | 0.5 | < 2 | 0.90 | < 0.5 | 13 | 38 | 37 | 3.62 | < 10 | < 1 | 0.15 | 50 | 2.59 | 280 | < 1 |
| BB-04707 | 201 202 | < 0.2 | 1.51 | 8 | 280 | 0.5 | < 2 | 0.99 | < 0.5 | 14 | 33 | 38 | 3.55 | < 10 | < 1 | 0.16 | 30 | 0.66 | 715 | 3 |
| BB-04708 | 201 202 | < 0.2 | 1.63 | < 2 | 200 | 0.5 | < 2 | 1.10 | < 0.5 | 11 | 26 | 48 | 4.99 | < 10 | < 1 | 0.20 | 30 | 0.61 | 180 | 2 |
| BB-04709 | 201 202 | < 0.2 | 1.74 | 8 | 410 | 0.5 | < 2 | 0.54 | 0.5 | 12 | 39 | 40 | 3.11 | < 10 | < 1 | 0.18 | 20 | 0.88 | 595 | < 1 |
| BB-04710 | 201 202 | 0.2 | 1.54 | 16 | 280 | 0.5 | < 2 | 1.12 | 0.5 | 8 | 28 | 27 | 2.00 | < 10 | < 1 | 0.13 | 20 | 0.79 | 125 | 1 |
| BB-04711 | 201 202 | 0.2 | 1.54 | 8 | 260 | 0.5 | < 2 | 0.42 | 0.5 | 9 | 27 | 29 | 2.91 | < 10 | < 1 | 0.18 | 50 | 0.90 | 250 | 2 |
| BB-04712 | 201 202 | < 0.2 | 1.83 | 10 | 310 | 0.5 | < 2 | 0.65 | 0.5 | 13 | 51 | 28 | 3.08 | < 10 | < 1 | 0.18 | 20 | 0.93 | 305 | 3 |
| BB-04713 | 201 202 | 0.2 | 1.84 | 2 | 290 | < 0.5 | < 2 | 1.40 | 0.5 | 9 | 40 | 31 | 2.56 | < 10 | < 1 | 0.15 | 10 | 0.96 | 560 | 2 |
| BB-04714 | 201 202 | 0.6 | 2.35 | 8 | 230 | 0.5 | < 2 | 0.74 | 0.5 | 15 | 50 | 72 | 4.36 | < 10 | < 1 | 0.15 | 20 | 1.35 | 550 | 8 |
| BB-04715 | 201 202 | < 0.2 | 1.69 | 10 | 310 | < 0.5 | < 2 | 0.31 | < 0.5 | 11 | 50 | 22 | 3.13 | < 10 | < 1 | 0.14 | 30 | 0.87 | 410 | 1 |
| BB-04716 | 201 202 | < 0.2 | 1.20 | 10 | 130 | < 0.5 | < 2 | 0.11 | < 0.5 | 5 | 32 | 8 | 2.04 | < 10 | < 1 | 0.10 | 20 | 0.45 | 170 | 1 |
| BB-04717 | 201 202 | 0.2 | 0.87 | 6 | 260 | < 0.5 | < 2 | 5.97 | 0.5 | 8 | 19 | 23 | 4.74 | < 10 | < 1 | 0.10 | 10 | 2.87 | 4350 | 4 |
| BB-06561 | 201 202 | 0.6 | 1.52 | 28 | 260 | < 0.5 | < 2 | 0.46 | 1.0 | 8 | 69 | 76 | 4.12 | < 10 | < 1 | 0.11 | 10 | 1.08 | 155 | 33 |
| BB-06562 | 201 202 | < 0.2 | 2.36 | 12 | 300 | < 0.5 | < 2 | 0.30 | < 0.5 | 14 | 105 | 19 | 3.32 | < 10 | < 1 | 0.17 | 20 | 1.33 | 380 | 2 |
| BB-06563 | 201 202 | 0.2 | 2.24 | 16 | 460 | 0.5 | < 2 | 0.78 | 1.5 | 17 | 125 | 52 | 3.51 | < 10 | < 1 | 0.25 | 20 | 1.29 | 480 | 3 |
| BB-06564 | 201 202 | 0.2 | 2.33 | 20 | 490 | 0.5 | < 2 | 0.61 | 0.5 | 16 | 65 | 51 | 3.66 | < 10 | < 1 | 0.27 | 30 | 1.09 | 495 | 3 |
| BB-06565 | 201 202 | < 0.2 | 1.79 | 8 | 360 | 0.5 | < 2 | 0.57 | < 0.5 | 13 | 79 | 30 | 2.79 | < 10 | < 1 | 0.16 | 30 | 1.18 | 350 | 1 |
| BB-06566 | 201 202 | < 0.2 | 1.40 | 10 | 300 | < 0.5 | < 2 | 0.49 | < 0.5 | 15 | 141 | 15 | 2.53 | < 10 | < 1 | 0.10 | 10 | 1.68 | 415 | < 1 |
| BB-06567 | 201 202 | < 0.2 | 1.83 | 10 | 360 | 0.5 | < 2 | 0.63 | 0.5 | 14 | 125 | 33 | 2.89 | < 10 | < 1 | 0.15 | 20 | 1.44 | 275 | 1 |
| BB-06568 | 201 202 | < 0.2 | 1.65 | 12 | 330 | < 0.5 | < 2 | 0.42 | < 0.5 | 13 | 61 | 26 | 2.64 | < 10 | < 1 | 0.12 | 10 | 1.03 | 590 | < 1 |
| BB-06569 | 201 202 | < 0.2 | 1.60 | 6 | 170 | < 0.5 | < 2 | 0.45 | < 0.5 | 10 | 62 | 10 | 2.66 | < 10 | < 1 | 0.13 | 10 | 1.04 | 290 | 1 |
| BB-06570 | 201 202 | < 0.2 | 2.00 | 14 | 190 | 0.5 | < 2 | 0.14 | < 0.5 | 11 | 47 | 22 | 3.23 | < 10 | < 1 | 0.12 | 10 | 0.84 | 275 | 3 |
| BB-06571 | 201 202 | 0.2 | 1.53 | 14 | 140 | < 0.5 | < 2 | 0.15 | < 0.5 | 7 | 37 | 22 | 3.00 | < 10 | < 1 | 0.11 | 10 | 0.69 | 240 | 4 |
| BB-06572 | 201 202 | < 0.2 | 1.75 | 10 | 310 | 0.5 | < 2 | 0.46 | < 0.5 | 9 | 30 | 26 | 2.95 | < 10 | < 1 | 0.12 | 30 | 1.07 | 565 | 3 |

CERTIFICATION:

Hunter Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

J: EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Page 1 of 1
 Total Pages : 2
 Certificate Date: 15-JUL-96
 Invoice No. : 19623399
 P.O. Number :
 Account : MPO

Project : LEAGUE
 Comments:

CERTIFICATE OF ANALYSIS

A9623399

| SAMPLE | PREP CODE | | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|----------|-----------|-----|--------|-----|------|------|-----|-----|-----|--------|------|------|-----|------|------|
| | | | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| BB-04678 | 201 | 202 | < 0.01 | 21 | 540 | 1935 | 2 | 2 | 31 | < 0.01 | < 10 | < 10 | 13 | < 10 | 1260 |
| BB-04679 | 201 | 202 | 0.09 | < 1 | 70 | 10 | < 2 | < 1 | 9 | 0.02 | < 10 | < 10 | 13 | < 10 | 14 |
| BB-04680 | 201 | 202 | 0.03 | 19 | 1060 | 34 | < 2 | 1 | 111 | 0.01 | < 10 | < 10 | 11 | < 10 | 76 |
| BB-04693 | 201 | 202 | < 0.01 | 29 | 170 | 38 | < 2 | 2 | 19 | 0.01 | < 10 | < 10 | 36 | < 10 | 116 |
| BB-04694 | 201 | 202 | 0.04 | 19 | 910 | 10 | < 2 | 1 | 112 | 0.01 | < 10 | < 10 | 18 | < 10 | 44 |
| BB-04695 | 201 | 202 | < 0.01 | 45 | 940 | 26 | < 2 | 6 | 40 | 0.03 | < 10 | < 10 | 41 | < 10 | 98 |
| BB-04696 | 201 | 202 | 0.01 | 31 | 1020 | 18 | < 2 | 4 | 81 | 0.04 | < 10 | < 10 | 48 | < 10 | 130 |
| BB-04697 | 201 | 202 | < 0.01 | 50 | 660 | 42 | < 2 | 6 | 37 | 0.01 | < 10 | < 10 | 36 | < 10 | 112 |
| BB-04698 | 201 | 202 | 0.01 | 42 | 1350 | 38 | < 2 | 5 | 58 | 0.03 | < 10 | < 10 | 39 | < 10 | 120 |
| BB-04699 | 201 | 202 | 0.01 | 47 | 890 | 22 | < 2 | 6 | 62 | < 0.01 | < 10 | < 10 | 35 | < 10 | 164 |
| BB-04700 | 201 | 202 | < 0.01 | 47 | 1030 | 20 | 2 | 5 | 45 | 0.03 | < 10 | < 10 | 48 | < 10 | 126 |
| BB-04701 | 201 | 202 | < 0.01 | 59 | 940 | 22 | < 2 | 6 | 40 | 0.04 | < 10 | < 10 | 51 | < 10 | 140 |
| BB-04702 | 201 | 202 | < 0.01 | 48 | 780 | 40 | < 2 | 7 | 27 | < 0.01 | < 10 | < 10 | 29 | < 10 | 116 |
| BB-04703 | 201 | 202 | < 0.01 | 39 | 980 | 34 | < 2 | 6 | 49 | 0.03 | < 10 | < 10 | 46 | < 10 | 134 |
| BB-04704 | 201 | 202 | < 0.01 | 52 | 1100 | 50 | < 2 | 7 | 37 | 0.05 | < 10 | < 10 | 47 | < 10 | 144 |
| BB-04705 | 201 | 202 | 0.01 | 45 | 470 | 18 | < 2 | 4 | 48 | 0.05 | < 10 | < 10 | 49 | < 10 | 64 |
| BB-04706 | 201 | 202 | < 0.01 | 38 | 780 | 20 | < 2 | 6 | 37 | 0.10 | < 10 | < 10 | 44 | < 10 | 102 |
| BB-04707 | 201 | 202 | < 0.01 | 34 | 820 | 18 | < 2 | 6 | 54 | 0.02 | < 10 | < 10 | 42 | < 10 | 78 |
| BB-04708 | 201 | 202 | 0.01 | 30 | 1410 | 18 | < 2 | 11 | 68 | < 0.01 | < 10 | < 10 | 48 | < 10 | 148 |
| BB-04709 | 201 | 202 | < 0.01 | 39 | 940 | 18 | < 2 | 6 | 35 | 0.04 | < 10 | < 10 | 51 | < 10 | 102 |
| BB-04710 | 201 | 202 | 0.03 | 23 | 690 | 24 | < 2 | 3 | 53 | 0.01 | < 10 | < 10 | 26 | < 10 | 86 |
| BB-04711 | 201 | 202 | < 0.01 | 25 | 680 | 78 | < 2 | 4 | 35 | < 0.01 | < 10 | < 10 | 24 | < 10 | 126 |
| BB-04712 | 201 | 202 | < 0.01 | 41 | 1090 | 18 | < 2 | 5 | 43 | 0.06 | < 10 | < 10 | 56 | < 10 | 114 |
| BB-04713 | 201 | 202 | 0.03 | 37 | 800 | 12 | < 2 | 5 | 77 | 0.04 | < 10 | < 10 | 39 | < 10 | 90 |
| BB-04714 | 201 | 202 | 0.01 | 64 | 1240 | 16 | 2 | 6 | 48 | 0.01 | < 10 | < 10 | 64 | < 10 | 184 |
| BB-04715 | 201 | 202 | < 0.01 | 37 | 210 | 22 | < 2 | 4 | 18 | 0.04 | < 10 | < 10 | 45 | < 10 | 86 |
| BB-04716 | 201 | 202 | < 0.01 | 14 | 160 | 14 | < 2 | 1 | 9 | 0.06 | < 10 | < 10 | 50 | < 10 | 38 |
| BB-04717 | 201 | 202 | 0.01 | 26 | 580 | 18 | < 2 | 3 | 82 | 0.01 | < 10 | < 10 | 23 | < 10 | 100 |
| BB-06561 | 201 | 202 | < 0.01 | 86 | 750 | 16 | 2 | 4 | 51 | 0.02 | < 10 | < 10 | 64 | < 10 | 200 |
| BB-06562 | 201 | 202 | < 0.01 | 108 | 520 | 16 | < 2 | 4 | 34 | 0.05 | < 10 | < 10 | 61 | < 10 | 92 |
| BB-06563 | 201 | 202 | 0.02 | 148 | 1060 | 26 | < 2 | 7 | 54 | 0.08 | < 10 | < 10 | 66 | < 10 | 136 |
| BB-06564 | 201 | 202 | 0.01 | 87 | 1000 | 16 | 2 | 7 | 42 | 0.08 | < 10 | < 10 | 70 | < 10 | 140 |
| BB-06565 | 201 | 202 | < 0.01 | 83 | 1110 | 14 | < 2 | 5 | 37 | 0.06 | < 10 | < 10 | 54 | < 10 | 92 |
| BB-06566 | 201 | 202 | < 0.01 | 117 | 830 | 12 | < 2 | 4 | 32 | 0.05 | < 10 | < 10 | 46 | < 10 | 68 |
| BB-06567 | 201 | 202 | < 0.01 | 119 | 950 | 14 | < 2 | 5 | 43 | 0.05 | < 10 | < 10 | 52 | < 10 | 112 |
| BB-06568 | 201 | 202 | < 0.01 | 46 | 660 | 16 | 2 | 5 | 27 | 0.06 | < 10 | < 10 | 47 | < 10 | 98 |
| BB-06569 | 201 | 202 | < 0.01 | 30 | 420 | 14 | < 2 | 4 | 30 | 0.09 | < 10 | < 10 | 50 | < 10 | 96 |
| BB-06570 | 201 | 202 | < 0.01 | 33 | 420 | 22 | < 2 | 4 | 13 | 0.06 | < 10 | < 10 | 51 | < 10 | 78 |
| BB-06571 | 201 | 202 | < 0.01 | 26 | 440 | 22 | < 2 | 2 | 19 | 0.03 | < 10 | < 10 | 41 | < 10 | 76 |
| BB-06572 | 201 | 202 | < 0.01 | 26 | 790 | 44 | < 2 | 4 | 45 | 0.02 | < 10 | < 10 | 29 | < 10 | 88 |

CERTIFICATION:

David Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

o: EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project: LEAGUE
 Comments:

Page: 2-A
 Total Pages: 2
 Certificate Date: 15-JUL-96
 Invoice No.: I9623399
 P.O. Number:
 Account: MPO

CERTIFICATE OF ANALYSIS A9623399

| SAMPLE | PREP CODE | 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 | Mo ppm |
|----------|-----------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|--------|
| BB-06573 | 201 202 | < 0.2 | 1.71 | 10 | 190 | < 0.5 | < 2 | 0.54 | < 0.5 | 12 | 63 | 15 | 2.75 | < 10 | < 1 | 0.12 | 20 | 0.99 | 340 | 2 |
| BB-06574 | 201 202 | 0.2 | 4.46 | 4 | 240 | 0.5 | < 2 | 0.55 | 1.0 | 40 | 622 | 72 | 5.28 | < 10 | < 1 | 0.09 | 10 | 4.28 | 455 | 3 |
| BB-06575 | 201 202 | < 0.2 | 1.97 | 12 | 210 | 0.5 | < 2 | 0.53 | < 0.5 | 11 | 67 | 27 | 3.06 | < 10 | < 1 | 0.16 | 20 | 1.19 | 325 | 1 |
| BB-06576 | 201 202 | < 0.2 | 1.91 | 8 | 360 | 0.5 | < 2 | 0.36 | < 0.5 | 9 | 77 | 30 | 2.78 | < 10 | < 1 | 0.12 | 30 | 1.21 | 350 | < 1 |
| BB-06577 | 201 202 | < 0.2 | 1.64 | 12 | 290 | < 0.5 | < 2 | 0.49 | < 0.5 | 16 | 98 | 24 | 2.91 | < 10 | < 1 | 0.16 | 10 | 1.34 | 370 | < 1 |
| BB-06578 | 201 202 | < 0.2 | 1.44 | 6 | 260 | < 0.5 | < 2 | 0.52 | < 0.5 | 16 | 129 | 17 | 2.56 | < 10 | < 1 | 0.10 | 20 | 1.69 | 340 | < 1 |
| BB-06579 | 201 202 | 0.2 | 1.86 | 10 | 330 | 0.5 | < 2 | 0.66 | 0.5 | 13 | 67 | 33 | 3.09 | < 10 | < 1 | 0.16 | 30 | 1.17 | 205 | 3 |
| BB-06580 | 201 202 | < 0.2 | 1.72 | 14 | 220 | 0.5 | < 2 | 0.50 | < 0.5 | 13 | 61 | 18 | 2.68 | < 10 | < 1 | 0.12 | 10 | 1.00 | 255 | 2 |
| BB-06581 | 201 202 | < 0.2 | 1.55 | 8 | 200 | < 0.5 | < 2 | 0.63 | < 0.5 | 10 | 44 | 22 | 2.48 | < 10 | < 1 | 0.20 | 10 | 0.95 | 370 | 1 |
| BB-06583 | 201 202 | 0.2 | 2.03 | 16 | 430 | 0.5 | < 2 | 0.53 | 0.5 | 13 | 54 | 43 | 3.09 | < 10 | < 1 | 0.23 | 30 | 1.09 | 540 | 2 |
| BB-06584 | 201 202 | < 0.2 | 1.36 | 12 | 180 | < 0.5 | < 2 | 0.35 | < 0.5 | 11 | 53 | 14 | 2.67 | < 10 | < 1 | 0.14 | 30 | 0.71 | 330 | 3 |
| BB-06585 | 201 202 | < 0.2 | 1.21 | 2 | 210 | 1.0 | < 2 | 0.29 | < 0.5 | 2 | 10 | 7 | 0.92 | < 10 | < 1 | 0.55 | 80 | 0.32 | 55 | < 1 |
| BB-06586 | 201 202 | < 0.2 | 0.75 | 6 | 150 | < 0.5 | < 2 | 0.19 | < 0.5 | 1 | 6 | 4 | 1.17 | < 10 | < 1 | 0.15 | 90 | 0.19 | 170 | 2 |
| BB-06587 | 201 202 | < 0.2 | 2.37 | 12 | 260 | 0.5 | < 2 | 0.16 | 0.5 | 11 | 54 | 27 | 3.85 | < 10 | < 1 | 0.18 | 30 | 1.03 | 390 | 3 |
| BB-06588 | 201 202 | < 0.2 | 2.05 | 4 | 670 | 0.5 | < 2 | 0.45 | 0.5 | 8 | 44 | 29 | 2.70 | < 10 | < 1 | 0.15 | 30 | 0.73 | 265 | 1 |
| BB-06589 | 201 202 | 0.2 | 2.06 | 12 | 240 | 0.5 | < 2 | 0.60 | 0.5 | 12 | 110 | 31 | 3.21 | < 10 | < 1 | 0.15 | 20 | 1.20 | 260 | 4 |
| BB-06590 | 201 202 | 0.6 | 1.37 | 20 | 310 | 0.5 | < 2 | 0.70 | 1.5 | 11 | 38 | 67 | 3.69 | < 10 | < 1 | 0.14 | 30 | 0.57 | 465 | 17 |
| BB-06591 | 201 202 | 0.2 | 1.97 | 12 | 270 | 0.5 | < 2 | 0.87 | 0.5 | 11 | 59 | 38 | 3.36 | < 10 | < 1 | 0.21 | 20 | 0.95 | 325 | 5 |

CERTIFICATION:

Hant Beckler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

J: EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project : LEAGUE
 Comments:

Page : 2-B
 Total Pages : 2
 Certificate Date: 15-JUL-96
 Invoice No. : I9623399
 P.O. Number :
 Account : MPO

CERTIFICATE OF ANALYSIS

A9623399

| SAMPLE | PREP CODE | | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|----------|-----------|-----|--------|-----|------|-----|-----|-----|-----|--------|------|------|-----|------|-----|
| | | | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| BB-06573 | 201 | 202 | < 0.01 | 33 | 890 | 12 | < 2 | 4 | 47 | 0.07 | < 10 | < 10 | 53 | < 10 | 74 |
| BB-06574 | 201 | 202 | < 0.01 | 347 | 1020 | 8 | < 2 | 12 | 49 | 0.02 | < 10 | < 10 | 110 | < 10 | 180 |
| BB-06575 | 201 | 202 | < 0.01 | 35 | 1240 | 16 | < 2 | 5 | 32 | 0.11 | < 10 | < 10 | 58 | < 10 | 108 |
| BB-06576 | 201 | 202 | < 0.01 | 36 | 690 | 16 | < 2 | 5 | 28 | 0.06 | < 10 | < 10 | 49 | < 10 | 96 |
| BB-06577 | 201 | 202 | < 0.01 | 106 | 860 | 16 | < 2 | 5 | 28 | 0.07 | < 10 | < 10 | 51 | < 10 | 94 |
| BB-06578 | 201 | 202 | < 0.01 | 115 | 970 | 14 | < 2 | 4 | 35 | 0.06 | < 10 | < 10 | 45 | < 10 | 72 |
| BB-06579 | 201 | 202 | 0.01 | 75 | 940 | 22 | < 2 | 5 | 43 | 0.06 | < 10 | < 10 | 47 | < 10 | 124 |
| BB-06580 | 201 | 202 | < 0.01 | 47 | 540 | 14 | < 2 | 4 | 29 | 0.08 | < 10 | < 10 | 52 | < 10 | 122 |
| BB-06581 | 201 | 202 | < 0.01 | 25 | 1220 | 12 | < 2 | 4 | 48 | 0.09 | < 10 | < 10 | 50 | < 10 | 90 |
| BB-06583 | 201 | 202 | 0.01 | 41 | 780 | 76 | < 2 | 6 | 40 | 0.04 | < 10 | < 10 | 56 | < 10 | 174 |
| BB-06584 | 201 | 202 | < 0.01 | 33 | 240 | 24 | < 2 | 3 | 30 | 0.05 | < 10 | < 10 | 44 | < 10 | 80 |
| BB-06585 | 201 | 202 | < 0.01 | 8 | 170 | 34 | < 2 | 1 | 19 | < 0.01 | < 10 | < 10 | 7 | < 10 | 36 |
| BB-06586 | 201 | 202 | < 0.01 | 3 | 160 | 46 | < 2 | < 1 | 15 | < 0.01 | < 10 | < 10 | 6 | < 10 | 70 |
| BB-06587 | 201 | 202 | < 0.01 | 39 | 600 | 54 | 2 | 4 | 16 | 0.01 | < 10 | < 10 | 47 | < 10 | 126 |
| BB-06588 | 201 | 202 | < 0.01 | 31 | 510 | 16 | < 2 | 4 | 34 | 0.03 | < 10 | < 10 | 52 | < 10 | 92 |
| BB-06589 | 201 | 202 | < 0.01 | 69 | 630 | 14 | 2 | 4 | 44 | 0.03 | < 10 | < 10 | 51 | < 10 | 338 |
| BB-06590 | 201 | 202 | < 0.01 | 51 | 870 | 22 | < 2 | 5 | 64 | 0.02 | < 10 | < 10 | 41 | < 10 | 326 |
| BB-06591 | 201 | 202 | < 0.01 | 43 | 900 | 14 | < 2 | 6 | 57 | 0.09 | < 10 | < 10 | 58 | < 10 | 194 |

CERTIFICATION:

David S. Miller



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Page : 1-A
 Total Pages : 2
 Certificate Date: 11-JUL-96
 Invoice No. : 19622915
 P.O. Number :
 Account : MPO

Project : LEAGUE
 Comments:

CERTIFICATE OF ANALYSIS A9622915

| SAMPLE | PREP CODE | | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
|---------|-----------|-----|-------|------|-----|-----|-------|-----|------|-------|-----|-----|-----|------|------|-----|------|------|------|------|-----|
| | | | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| BB00946 | 201 | 202 | < 0.2 | 1.53 | 20 | 160 | < 0.5 | < 2 | 1.09 | < 0.5 | 10 | 28 | 19 | 2.38 | < 10 | < 1 | 0.15 | 10 | 0.68 | 260 | < 1 |
| BB00947 | 201 | 202 | < 0.2 | 1.41 | 10 | 90 | < 0.5 | < 2 | 1.14 | < 0.5 | 9 | 26 | 15 | 2.28 | < 10 | < 1 | 0.17 | 10 | 0.72 | 270 | < 1 |
| BB00948 | 201 | 202 | < 0.2 | 1.02 | 6 | 70 | < 0.5 | < 2 | 0.80 | < 0.5 | 7 | 21 | 7 | 1.75 | < 10 | < 1 | 0.11 | 10 | 0.53 | 195 | < 1 |
| BB00949 | 201 | 202 | < 0.2 | 1.33 | 12 | 160 | < 0.5 | < 2 | 1.53 | < 0.5 | 8 | 28 | 17 | 2.11 | < 10 | < 1 | 0.13 | 10 | 0.67 | 410 | < 1 |
| BB00950 | 201 | 202 | < 0.2 | 1.20 | 18 | 170 | < 0.5 | < 2 | 0.65 | < 0.5 | 8 | 25 | 23 | 2.17 | < 10 | < 1 | 0.13 | 10 | 0.55 | 365 | < 1 |
| BB13701 | 201 | 202 | < 0.2 | 1.71 | 24 | 110 | < 0.5 | < 2 | 0.25 | < 0.5 | 10 | 33 | 8 | 3.22 | < 10 | < 1 | 0.21 | 10 | 0.79 | 285 | < 1 |
| BB13702 | 201 | 202 | < 0.2 | 1.77 | 20 | 90 | < 0.5 | < 2 | 0.23 | < 0.5 | 10 | 33 | 8 | 3.08 | < 10 | < 1 | 0.20 | 10 | 0.81 | 245 | < 1 |
| BB13703 | 201 | 202 | < 0.2 | 1.47 | 20 | 120 | < 0.5 | < 2 | 0.23 | < 0.5 | 9 | 21 | 10 | 2.59 | < 10 | < 1 | 0.31 | 10 | 0.55 | 230 | < 1 |
| BB13704 | 201 | 202 | < 0.2 | 1.25 | 18 | 80 | < 0.5 | < 2 | 0.15 | < 0.5 | 7 | 22 | 7 | 2.32 | < 10 | < 1 | 0.16 | 10 | 0.52 | 205 | < 1 |
| BB13705 | 201 | 202 | < 0.2 | 1.13 | 18 | 90 | < 0.5 | < 2 | 0.15 | < 0.5 | 7 | 18 | 7 | 1.99 | < 10 | < 1 | 0.17 | 10 | 0.45 | 170 | < 1 |
| BB13706 | 201 | 202 | < 0.2 | 2.44 | 68 | 330 | 0.5 | < 2 | 1.15 | < 0.5 | 9 | 26 | 16 | 2.59 | < 10 | < 1 | 0.17 | 20 | 0.65 | 260 | 1 |
| BB13707 | 201 | 202 | < 0.2 | 1.35 | 14 | 80 | < 0.5 | < 2 | 0.20 | < 0.5 | 7 | 25 | 9 | 2.65 | < 10 | < 1 | 0.18 | 10 | 0.58 | 595 | < 1 |
| BB13708 | 201 | 202 | < 0.2 | 1.41 | 14 | 80 | < 0.5 | < 2 | 0.16 | < 0.5 | 7 | 22 | 5 | 2.25 | < 10 | < 1 | 0.20 | 10 | 0.53 | 210 | < 1 |
| BB13709 | 201 | 202 | < 0.2 | 1.22 | 12 | 60 | < 0.5 | < 2 | 0.13 | < 0.5 | 6 | 21 | 6 | 2.36 | < 10 | < 1 | 0.17 | 10 | 0.49 | 175 | 1 |
| BB13720 | 201 | 202 | < 0.2 | 1.20 | 26 | 210 | < 0.5 | < 2 | 0.44 | 0.5 | 12 | 27 | 27 | 2.54 | < 10 | 1 | 0.12 | 10 | 0.45 | 1180 | 2 |
| BB13721 | 201 | 202 | < 0.2 | 1.35 | 20 | 60 | < 0.5 | < 2 | 0.12 | < 0.5 | 8 | 25 | 10 | 3.38 | < 10 | < 1 | 0.07 | 10 | 0.44 | 250 | < 1 |
| BB13722 | 201 | 202 | 0.6 | 1.27 | 6 | 160 | < 0.5 | < 2 | 0.18 | 1.5 | 8 | 13 | 10 | 1.93 | < 10 | < 1 | 0.14 | < 10 | 0.34 | 795 | < 1 |
| BB13723 | 201 | 202 | < 0.2 | 0.99 | 18 | 80 | < 0.5 | < 2 | 0.25 | 0.5 | 8 | 21 | 13 | 2.23 | < 10 | < 1 | 0.11 | < 10 | 0.47 | 170 | < 1 |
| BB13724 | 201 | 202 | < 0.2 | 0.89 | 14 | 120 | < 0.5 | < 2 | 0.24 | < 0.5 | 7 | 17 | 9 | 1.88 | < 10 | < 1 | 0.07 | < 10 | 0.37 | 210 | < 1 |
| BB13725 | 201 | 202 | < 0.2 | 1.37 | 24 | 160 | < 0.5 | < 2 | 0.56 | < 0.5 | 11 | 34 | 18 | 2.79 | < 10 | < 1 | 0.15 | 10 | 0.85 | 470 | < 1 |
| BB13726 | 201 | 202 | < 0.2 | 0.86 | 8 | 120 | < 0.5 | < 2 | 0.60 | < 0.5 | 7 | 20 | 11 | 1.68 | < 10 | < 1 | 0.09 | 10 | 0.51 | 200 | < 1 |
| BB13727 | 201 | 202 | < 0.2 | 1.27 | 14 | 200 | < 0.5 | < 2 | 0.36 | < 0.5 | 8 | 28 | 12 | 2.17 | < 10 | < 1 | 0.06 | 10 | 0.65 | 165 | < 1 |
| BB13728 | 201 | 202 | < 0.2 | 1.11 | 8 | 150 | < 0.5 | < 2 | 0.28 | < 0.5 | 7 | 21 | 8 | 1.86 | < 10 | < 1 | 0.07 | 10 | 0.55 | 215 | < 1 |
| BB13729 | 201 | 202 | < 0.2 | 1.05 | 24 | 120 | < 0.5 | < 2 | 0.39 | < 0.5 | 9 | 22 | 5 | 2.33 | < 10 | < 1 | 0.10 | < 10 | 0.52 | 545 | < 1 |
| BB13801 | 201 | 202 | < 0.2 | 2.04 | 54 | 160 | 0.5 | < 2 | 0.47 | < 0.5 | 12 | 40 | 15 | 3.35 | < 10 | < 1 | 0.23 | 30 | 0.94 | 410 | 1 |
| BB13802 | 201 | 202 | < 0.2 | 1.50 | 66 | 170 | < 0.5 | < 2 | 0.35 | < 0.5 | 13 | 43 | 28 | 3.55 | < 10 | < 1 | 0.17 | 20 | 0.64 | 350 | 1 |
| BB13803 | 201 | 202 | < 0.2 | 2.50 | 32 | 130 | < 0.5 | < 2 | 0.28 | < 0.5 | 19 | 50 | 24 | 4.62 | < 10 | < 1 | 0.30 | 10 | 1.17 | 430 | < 1 |
| BB13804 | 201 | 202 | < 0.2 | 2.10 | 34 | 170 | 0.5 | < 2 | 0.32 | < 0.5 | 17 | 55 | 34 | 3.82 | < 10 | < 1 | 0.11 | 30 | 1.01 | 490 | < 1 |
| BB13805 | 201 | 202 | < 0.2 | 2.03 | 32 | 170 | 0.5 | < 2 | 0.36 | < 0.5 | 17 | 54 | 34 | 3.85 | < 10 | < 1 | 0.11 | 30 | 1.01 | 595 | < 1 |
| BB13806 | 201 | 202 | < 0.2 | 1.46 | 32 | 70 | < 0.5 | < 2 | 0.18 | < 0.5 | 15 | 31 | 12 | 3.22 | < 10 | < 1 | 0.16 | 10 | 0.81 | 570 | < 1 |
| BB13807 | 201 | 202 | < 0.2 | 1.38 | 46 | 150 | < 0.5 | < 2 | 0.40 | < 0.5 | 9 | 34 | 9 | 2.92 | < 10 | < 1 | 0.12 | 10 | 0.61 | 350 | < 1 |
| BB13808 | 201 | 202 | < 0.2 | 1.08 | 288 | 100 | < 0.5 | < 2 | 0.25 | < 0.5 | 7 | 17 | 9 | 2.34 | < 10 | < 1 | 0.33 | 10 | 0.47 | 165 | < 1 |
| BB13809 | 201 | 202 | < 0.2 | 1.36 | 24 | 80 | < 0.5 | < 2 | 0.22 | < 0.5 | 8 | 23 | 14 | 2.41 | < 10 | < 1 | 0.22 | 10 | 0.49 | 195 | < 1 |
| BB13810 | 201 | 202 | < 0.2 | 1.37 | 18 | 100 | < 0.5 | < 2 | 0.32 | < 0.5 | 9 | 28 | 14 | 2.35 | < 10 | < 1 | 0.21 | 10 | 0.56 | 260 | < 1 |
| BB13811 | 201 | 202 | < 0.2 | 1.09 | 8 | 110 | < 0.5 | < 2 | 0.37 | < 0.5 | 6 | 21 | 6 | 1.78 | < 10 | < 1 | 0.17 | 10 | 0.46 | 155 | < 1 |
| BB13812 | 201 | 202 | < 0.2 | 1.33 | 12 | 180 | < 0.5 | < 2 | 0.29 | < 0.5 | 10 | 27 | 14 | 2.20 | < 10 | < 1 | 0.21 | 20 | 0.51 | 310 | < 1 |
| BB13813 | 201 | 202 | < 0.2 | 1.39 | 14 | 90 | < 0.5 | < 2 | 0.30 | < 0.5 | 8 | 25 | 13 | 2.40 | < 10 | < 1 | 0.26 | 10 | 0.55 | 230 | < 1 |
| BB13814 | 201 | 202 | < 0.2 | 1.23 | 6 | 150 | < 0.5 | < 2 | 0.37 | < 0.5 | 9 | 38 | 18 | 2.10 | < 10 | < 1 | 0.14 | 10 | 0.57 | 345 | < 1 |
| BB13815 | 201 | 202 | < 0.2 | 1.32 | 12 | 120 | < 0.5 | < 2 | 0.26 | < 0.5 | 7 | 25 | 11 | 2.04 | < 10 | < 1 | 0.13 | 20 | 0.44 | 225 | < 1 |
| BB13816 | 201 | 202 | < 0.2 | 1.18 | 12 | 100 | < 0.5 | < 2 | 0.29 | < 0.5 | 7 | 24 | 10 | 1.96 | < 10 | < 1 | 0.18 | 20 | 0.45 | 190 | < 1 |

CERTIFICATION:

Hunter Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page : 1-B
Total Pages : 2
Certificate Date: 11-JUL-96
Invoice No. : 19622915
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9622915

| SAMPLE | PREP | | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|---------|------|-----|--------|-----|------|-----|-----|-----|-----|------|------|------|-----|------|-----|
| | CODE | | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| BB00946 | 201 | 202 | 0.01 | 21 | 580 | 12 | < 2 | 4 | 100 | 0.06 | < 10 | < 10 | 34 | < 10 | 48 |
| BB00947 | 201 | 202 | < 0.01 | 19 | 610 | 8 | < 2 | 3 | 94 | 0.06 | < 10 | < 10 | 31 | < 10 | 58 |
| BB00948 | 201 | 202 | < 0.01 | 12 | 980 | 8 | < 2 | 3 | 54 | 0.05 | < 10 | < 10 | 27 | < 10 | 42 |
| BB00949 | 201 | 202 | < 0.01 | 19 | 1020 | 8 | < 2 | 3 | 126 | 0.05 | < 10 | < 10 | 32 | < 10 | 84 |
| BB00950 | 201 | 202 | < 0.01 | 21 | 740 | 10 | < 2 | 3 | 50 | 0.04 | < 10 | < 10 | 30 | < 10 | 60 |
| BB13701 | 201 | 202 | < 0.01 | 18 | 840 | 18 | < 2 | 3 | 12 | 0.11 | < 10 | < 10 | 51 | < 10 | 60 |
| BB13702 | 201 | 202 | < 0.01 | 17 | 690 | 14 | < 2 | 3 | 11 | 0.12 | < 10 | < 10 | 52 | < 10 | 62 |
| BB13703 | 201 | 202 | < 0.01 | 11 | 400 | 12 | < 2 | 3 | 14 | 0.14 | < 10 | < 10 | 54 | < 10 | 54 |
| BB13704 | 201 | 202 | < 0.01 | 11 | 360 | 10 | < 2 | 2 | 9 | 0.12 | < 10 | < 10 | 42 | < 10 | 54 |
| BB13705 | 201 | 202 | < 0.01 | 10 | 310 | 18 | < 2 | 2 | 9 | 0.12 | < 10 | < 10 | 36 | < 10 | 54 |
| BB13706 | 201 | 202 | 0.02 | 17 | 1620 | 36 | < 2 | 3 | 64 | 0.04 | < 10 | < 10 | 41 | < 10 | 348 |
| BB13707 | 201 | 202 | < 0.01 | 13 | 900 | 16 | < 2 | 2 | 10 | 0.08 | < 10 | < 10 | 43 | < 10 | 50 |
| BB13708 | 201 | 202 | < 0.01 | 10 | 390 | 16 | < 2 | 2 | 10 | 0.12 | < 10 | < 10 | 42 | < 10 | 52 |
| BB13709 | 201 | 202 | < 0.01 | 10 | 440 | 12 | < 2 | 2 | 10 | 0.11 | < 10 | < 10 | 43 | < 10 | 46 |
| BB13720 | 201 | 202 | < 0.01 | 14 | 1080 | 16 | < 2 | 4 | 36 | 0.04 | < 10 | < 10 | 46 | < 10 | 60 |
| BB13721 | 201 | 202 | < 0.01 | 14 | 650 | 12 | < 2 | 2 | 8 | 0.08 | < 10 | < 10 | 56 | < 10 | 60 |
| BB13722 | 201 | 202 | 0.03 | 8 | 460 | 8 | < 2 | 1 | 13 | 0.07 | < 10 | < 10 | 35 | < 10 | 88 |
| BB13723 | 201 | 202 | < 0.01 | 17 | 980 | 8 | < 2 | 2 | 13 | 0.05 | < 10 | < 10 | 34 | < 10 | 56 |
| BB13724 | 201 | 202 | < 0.01 | 14 | 690 | 10 | < 2 | 1 | 13 | 0.05 | < 10 | < 10 | 28 | < 10 | 40 |
| BB13725 | 201 | 202 | < 0.01 | 27 | 1070 | 10 | < 2 | 4 | 31 | 0.07 | < 10 | < 10 | 39 | < 10 | 68 |
| BB13726 | 201 | 202 | 0.01 | 16 | 930 | 8 | < 2 | 3 | 30 | 0.04 | < 10 | < 10 | 23 | < 10 | 42 |
| BB13727 | 201 | 202 | < 0.01 | 22 | 840 | 10 | < 2 | 3 | 18 | 0.05 | < 10 | < 10 | 31 | < 10 | 50 |
| BB13728 | 201 | 202 | < 0.01 | 15 | 810 | 8 | < 2 | 2 | 19 | 0.05 | < 10 | < 10 | 29 | < 10 | 50 |
| BB13729 | 201 | 202 | < 0.01 | 12 | 1000 | 8 | < 2 | 2 | 20 | 0.05 | < 10 | < 10 | 32 | < 10 | 42 |
| BB13801 | 201 | 202 | < 0.01 | 20 | 950 | 14 | < 2 | 6 | 21 | 0.10 | < 10 | < 10 | 61 | < 10 | 78 |
| BB13802 | 201 | 202 | < 0.01 | 26 | 550 | 16 | < 2 | 5 | 16 | 0.11 | < 10 | < 10 | 74 | < 10 | 78 |
| BB13803 | 201 | 202 | < 0.01 | 32 | 710 | 18 | < 2 | 6 | 11 | 0.16 | < 10 | < 10 | 85 | < 10 | 92 |
| BB13804 | 201 | 202 | < 0.01 | 38 | 870 | 10 | < 2 | 6 | 15 | 0.10 | < 10 | < 10 | 69 | < 10 | 84 |
| BB13805 | 201 | 202 | < 0.01 | 38 | 950 | 30 | < 2 | 6 | 17 | 0.10 | < 10 | < 10 | 64 | < 10 | 82 |
| BB13806 | 201 | 202 | < 0.01 | 13 | 520 | 10 | < 2 | 4 | 10 | 0.16 | < 10 | < 10 | 91 | < 10 | 50 |
| BB13807 | 201 | 202 | < 0.01 | 15 | 540 | 18 | < 2 | 4 | 15 | 0.09 | < 10 | < 10 | 74 | < 10 | 46 |
| BB13808 | 201 | 202 | < 0.01 | 9 | 230 | 14 | < 2 | 4 | 12 | 0.14 | < 10 | < 10 | 54 | < 10 | 40 |
| BB13809 | 201 | 202 | < 0.01 | 15 | 660 | 10 | < 2 | 3 | 11 | 0.09 | < 10 | < 10 | 49 | < 10 | 52 |
| BB13810 | 201 | 202 | < 0.01 | 16 | 870 | 10 | < 2 | 3 | 17 | 0.10 | < 10 | < 10 | 48 | < 10 | 56 |
| BB13811 | 201 | 202 | < 0.01 | 10 | 800 | 8 | < 2 | 2 | 18 | 0.09 | < 10 | < 10 | 38 | < 10 | 38 |
| BB13812 | 201 | 202 | < 0.01 | 16 | 760 | 10 | < 2 | 4 | 17 | 0.10 | < 10 | < 10 | 47 | < 10 | 50 |
| BB13813 | 201 | 202 | < 0.01 | 14 | 840 | 10 | < 2 | 3 | 16 | 0.11 | < 10 | < 10 | 50 | < 10 | 50 |
| BB13814 | 201 | 202 | < 0.01 | 25 | 1050 | 8 | < 2 | 3 | 30 | 0.07 | < 10 | < 10 | 41 | < 10 | 62 |
| BB13815 | 201 | 202 | < 0.01 | 14 | 710 | 10 | < 2 | 3 | 18 | 0.08 | < 10 | < 10 | 40 | < 10 | 42 |
| BB13816 | 201 | 202 | < 0.01 | 13 | 770 | 10 | < 2 | 3 | 18 | 0.10 | < 10 | < 10 | 41 | < 10 | 44 |

CERTIFICATION:

[Handwritten Signature]



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

J: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page : 2-A
Total Pages : 2
Certificate Date: 11-JUL-96
Invoice No. : 19622915
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9622915

| SAMPLE | PREP CODE | | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
|---------|-----------|-----|-------|------|-----|-----|-------|-----|------|-------|-----|-----|-----|------|------|-----|------|-----|------|-----|-----|
| | | | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| BB13817 | 201 | 202 | < 0.2 | 0.95 | 18 | 80 | < 0.5 | < 2 | 0.22 | < 0.5 | 5 | 17 | 6 | 1.60 | < 10 | < 1 | 0.19 | 10 | 0.36 | 125 | < 1 |
| BB13818 | 201 | 202 | < 0.2 | 1.14 | 62 | 100 | < 0.5 | < 2 | 0.21 | < 0.5 | 5 | 18 | 5 | 2.13 | < 10 | < 1 | 0.15 | 10 | 0.35 | 160 | < 1 |

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page : 2-B
Total Pages : 2
Certificate Date: 11-JUL-96
Invoice No. : 19622915
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9622915

| SAMPLE | PREP CODE | | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|---------|-----------|-----|--------|-----|-----|-----|-----|-----|-----|------|------|------|-----|------|-----|
| | | | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| BB13817 | 201 | 202 | < 0.01 | 9 | 450 | 8 | < 2 | 2 | 14 | 0.08 | < 10 | < 10 | 37 | < 10 | 38 |
| BB13818 | 201 | 202 | < 0.01 | 7 | 700 | 14 | < 2 | 2 | 12 | 0.05 | < 10 | < 10 | 42 | < 10 | 32 |

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Page 1 of 1-A
 Total Pages : 4
 Certificate Date: 27-JUN-96
 Invoice No. : I9621776
 P.O. Number :
 Account : MPO

Project : LEAGUE
 Comments :

CERTIFICATE OF ANALYSIS A9621776

| SAMPLE | PREP CODE | | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
|--------|-----------|-----|-------|------|-----|-----|-------|-----|------|-------|-----|-----|-----|------|------|-----|------|------|------|------|-----|
| | | | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| 00969 | 201 | 202 | < 0.2 | 1.83 | 36 | 60 | < 0.5 | < 2 | 7.41 | < 0.5 | 17 | 28 | 37 | 3.79 | < 10 | < 1 | 0.27 | 30 | 0.94 | 435 | < 1 |
| 00970 | 201 | 202 | < 0.2 | 2.35 | 42 | 190 | < 0.5 | < 2 | 0.94 | < 0.5 | 19 | 141 | 28 | 4.34 | < 10 | < 1 | 0.38 | 10 | 1.53 | 480 | < 1 |
| 00971 | 201 | 202 | < 0.2 | 1.77 | 22 | 70 | < 0.5 | < 2 | 0.44 | < 0.5 | 12 | 37 | 14 | 3.47 | < 10 | < 1 | 0.18 | 20 | 0.95 | 405 | < 1 |
| 00972 | 201 | 202 | < 0.2 | 1.47 | 14 | 80 | < 0.5 | < 2 | 0.46 | < 0.5 | 8 | 33 | 6 | 2.42 | < 10 | < 1 | 0.15 | 10 | 0.85 | 240 | < 1 |
| 00973 | 201 | 202 | < 0.2 | 1.24 | 12 | 130 | < 0.5 | < 2 | 0.49 | < 0.5 | 8 | 31 | 11 | 2.24 | < 10 | < 1 | 0.11 | 10 | 0.72 | 275 | < 1 |
| 00974 | 201 | 202 | < 0.2 | 1.02 | 12 | 80 | < 0.5 | < 2 | 0.38 | < 0.5 | 6 | 27 | 14 | 2.01 | < 10 | < 1 | 0.10 | 10 | 0.60 | 235 | < 1 |
| 00975 | 201 | 202 | < 0.2 | 1.31 | 20 | 110 | < 0.5 | < 2 | 0.38 | < 0.5 | 11 | 39 | 23 | 2.66 | < 10 | < 1 | 0.15 | 20 | 0.80 | 420 | < 1 |
| 00976 | 201 | 202 | < 0.2 | 1.04 | 62 | 100 | < 0.5 | < 2 | 0.26 | 0.5 | 13 | 31 | 35 | 3.08 | < 10 | < 1 | 0.05 | 10 | 0.49 | 615 | 1 |
| 00977 | 201 | 202 | < 0.2 | 1.01 | 30 | 150 | < 0.5 | < 2 | 0.45 | < 0.5 | 10 | 32 | 31 | 2.45 | < 10 | < 1 | 0.08 | 30 | 0.61 | 330 | 1 |
| 00978 | 201 | 202 | < 0.2 | 1.70 | 14 | 80 | < 0.5 | < 2 | 0.18 | < 0.5 | 8 | 41 | 15 | 2.72 | < 10 | < 1 | 0.08 | 10 | 0.81 | 235 | < 1 |
| 00979 | 201 | 202 | < 0.2 | 1.19 | 16 | 60 | < 0.5 | < 2 | 0.15 | < 0.5 | 5 | 27 | 8 | 2.05 | < 10 | < 1 | 0.04 | 10 | 0.48 | 175 | < 1 |
| 00980 | 201 | 202 | < 0.2 | 0.76 | 20 | 50 | < 0.5 | < 2 | 0.11 | < 0.5 | 4 | 23 | 6 | 2.27 | < 10 | < 1 | 0.04 | < 10 | 0.31 | 310 | 1 |
| 00981 | 201 | 202 | < 0.2 | 1.09 | 26 | 70 | < 0.5 | < 2 | 0.14 | < 0.5 | 6 | 27 | 12 | 2.28 | < 10 | < 1 | 0.04 | 10 | 0.38 | 175 | < 1 |
| 00982 | 201 | 202 | < 0.2 | 0.95 | 24 | 100 | < 0.5 | < 2 | 0.28 | < 0.5 | 8 | 27 | 18 | 2.07 | < 10 | < 1 | 0.05 | 10 | 0.45 | 195 | 1 |
| 00983 | 201 | 202 | < 0.2 | 1.33 | 18 | 90 | < 0.5 | < 2 | 0.13 | < 0.5 | 7 | 31 | 8 | 2.49 | < 10 | < 1 | 0.05 | 10 | 0.59 | 180 | < 1 |
| 00984 | 201 | 202 | < 0.2 | 1.01 | 16 | 110 | < 0.5 | < 2 | 0.18 | < 0.5 | 6 | 23 | 7 | 2.01 | < 10 | < 1 | 0.04 | < 10 | 0.41 | 155 | < 1 |
| 00985 | 201 | 202 | < 0.2 | 1.19 | 24 | 240 | < 0.5 | < 2 | 2.62 | < 0.5 | 10 | 32 | 30 | 2.28 | < 10 | < 1 | 0.11 | 10 | 0.77 | 375 | < 1 |
| 13551 | 201 | 202 | < 0.2 | 1.36 | 6 | 510 | < 0.5 | < 2 | 0.47 | < 0.5 | 6 | 38 | 18 | 2.01 | < 10 | < 1 | 0.06 | 20 | 0.56 | 245 | < 1 |
| 13552 | 201 | 202 | < 0.2 | 1.72 | 12 | 160 | < 0.5 | < 2 | 0.15 | < 0.5 | 11 | 43 | 20 | 2.42 | < 10 | < 1 | 0.07 | 10 | 0.58 | 345 | < 1 |
| 13553 | 201 | 202 | < 0.2 | 2.21 | 16 | 140 | 0.5 | < 2 | 0.20 | < 0.5 | 9 | 46 | 20 | 3.09 | < 10 | < 1 | 0.08 | 10 | 0.61 | 300 | 1 |
| 13554 | 201 | 202 | < 0.2 | 1.74 | 16 | 410 | < 0.5 | < 2 | 0.48 | < 0.5 | 7 | 41 | 25 | 3.09 | < 10 | < 1 | 0.09 | 10 | 0.61 | 235 | 1 |
| 13555 | 201 | 202 | < 0.2 | 1.74 | 16 | 200 | < 0.5 | < 2 | 0.13 | < 0.5 | 7 | 38 | 21 | 2.74 | < 10 | < 1 | 0.07 | 20 | 0.49 | 200 | 1 |
| 13556 | 201 | 202 | < 0.2 | 1.56 | 16 | 230 | < 0.5 | < 2 | 0.31 | < 0.5 | 11 | 48 | 30 | 2.93 | < 10 | 1 | 0.10 | 20 | 0.74 | 405 | 1 |
| 13557 | 201 | 202 | < 0.2 | 2.17 | 24 | 480 | < 0.5 | < 2 | 0.78 | 1.0 | 14 | 66 | 42 | 4.11 | < 10 | < 1 | 0.16 | 60 | 1.18 | 605 | 2 |
| 13558 | 201 | 202 | < 0.2 | 1.47 | 18 | 340 | < 0.5 | < 2 | 0.39 | < 0.5 | 10 | 42 | 25 | 2.59 | < 10 | < 1 | 0.10 | 20 | 0.68 | 380 | 1 |
| 13559 | 201 | 202 | < 0.2 | 1.66 | 12 | 410 | < 0.5 | < 2 | 0.57 | < 0.5 | 8 | 40 | 18 | 2.50 | < 10 | < 1 | 0.09 | 10 | 0.66 | 445 | 1 |
| 13560 | 201 | 202 | < 0.2 | 1.80 | 20 | 490 | < 0.5 | < 2 | 0.61 | < 0.5 | 10 | 53 | 29 | 3.15 | < 10 | < 1 | 0.13 | 10 | 0.69 | 520 | 1 |
| 13561 | 201 | 202 | < 0.2 | 1.13 | 10 | 440 | < 0.5 | < 2 | 1.08 | 0.5 | 6 | 34 | 21 | 1.96 | < 10 | < 1 | 0.08 | 10 | 0.55 | 245 | 1 |
| 13562 | 201 | 202 | < 0.2 | 1.54 | 20 | 200 | < 0.5 | < 2 | 0.35 | 0.5 | 10 | 41 | 15 | 2.75 | < 10 | < 1 | 0.16 | 20 | 0.76 | 555 | 1 |
| 13563 | 201 | 202 | < 0.2 | 2.00 | 24 | 660 | 0.5 | < 2 | 0.76 | < 0.5 | 9 | 55 | 28 | 3.09 | < 10 | < 1 | 0.12 | 30 | 0.76 | 300 | 1 |
| 13564 | 201 | 202 | < 0.2 | 1.12 | 22 | 180 | < 0.5 | < 2 | 0.49 | < 0.5 | 8 | 38 | 19 | 2.34 | < 10 | < 1 | 0.14 | 20 | 0.65 | 300 | < 1 |
| 13565 | 201 | 202 | < 0.2 | 1.60 | 24 | 400 | < 0.5 | < 2 | 0.49 | < 0.5 | 13 | 50 | 25 | 2.91 | < 10 | < 1 | 0.12 | 20 | 0.72 | 320 | < 1 |
| 13566 | 201 | 202 | < 0.2 | 1.83 | 22 | 420 | < 0.5 | < 2 | 0.50 | 0.5 | 12 | 50 | 34 | 3.31 | < 10 | < 1 | 0.14 | 30 | 0.81 | 440 | 1 |
| 13567 | 201 | 202 | 0.2 | 2.06 | 28 | 640 | 0.5 | < 2 | 0.45 | 0.5 | 10 | 42 | 32 | 3.46 | < 10 | < 1 | 0.10 | 30 | 0.51 | 1345 | 1 |
| 13568 | 201 | 202 | 0.4 | 0.93 | 46 | 390 | < 0.5 | < 2 | 1.46 | < 0.5 | 22 | 24 | 141 | 7.20 | < 10 | < 1 | 0.07 | 20 | 0.53 | 1700 | 1 |
| 13569 | 201 | 202 | 0.2 | 0.84 | 12 | 60 | < 0.5 | < 2 | 0.11 | < 0.5 | 4 | 13 | 17 | 1.63 | < 10 | < 1 | 0.07 | < 10 | 0.16 | 125 | 3 |
| 13570 | 201 | 202 | < 0.2 | 1.78 | 44 | 190 | < 0.5 | < 2 | 0.60 | 0.5 | 19 | 46 | 66 | 4.16 | < 10 | < 1 | 0.17 | 30 | 0.93 | 490 | 1 |
| 13571 | 201 | 202 | < 0.2 | 1.81 | 36 | 200 | < 0.5 | < 2 | 0.53 | < 0.5 | 15 | 49 | 48 | 3.84 | < 10 | < 1 | 0.11 | 30 | 0.97 | 565 | 1 |
| 13572 | 201 | 202 | < 0.2 | 1.93 | 26 | 360 | < 0.5 | < 2 | 0.85 | < 0.5 | 12 | 46 | 39 | 3.62 | < 10 | < 1 | 0.10 | 20 | 0.93 | 830 | < 1 |
| 13573 | 201 | 202 | < 0.2 | 2.26 | 34 | 120 | < 0.5 | < 2 | 0.20 | < 0.5 | 13 | 50 | 41 | 4.64 | < 10 | < 1 | 0.09 | 10 | 0.95 | 340 | 2 |

CERTIFICATION: *J. J. Ma*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

J: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page : 1-B
Total Pages : 4
Certificate Date: 27-JUN-96
Invoice No. : 19621776
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9621776

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| 00969 | 201 202 | < 0.01 | 36 | 760 | 42 | < 2 | 3 | 478 | 0.05 | < 10 | < 10 | 26 | < 10 | 120 |
| 00970 | 201 202 | < 0.01 | 43 | 660 | 16 | < 2 | 8 | 58 | 0.13 | < 10 | < 10 | 87 | < 10 | 64 |
| 00971 | 201 202 | < 0.01 | 21 | 660 | 14 | < 2 | 3 | 34 | 0.11 | < 10 | < 10 | 41 | < 10 | 66 |
| 00972 | 201 202 | < 0.01 | 15 | 640 | 8 | < 2 | 3 | 25 | 0.11 | < 10 | < 10 | 39 | < 10 | 48 |
| 00973 | 201 202 | < 0.01 | 16 | 1010 | 8 | < 2 | 3 | 26 | 0.06 | < 10 | < 10 | 33 | < 10 | 48 |
| 00974 | 201 202 | < 0.01 | 17 | 1130 | 8 | < 2 | 2 | 19 | 0.05 | < 10 | < 10 | 30 | < 10 | 50 |
| 00975 | 201 202 | < 0.01 | 24 | 1180 | 10 | < 2 | 3 | 17 | 0.06 | < 10 | < 10 | 40 | < 10 | 70 |
| 00976 | 201 202 | < 0.01 | 26 | 1090 | 18 | < 2 | 2 | 16 | 0.02 | < 10 | < 10 | 33 | < 10 | 122 |
| 00977 | 201 202 | < 0.01 | 32 | 1280 | 12 | < 2 | 3 | 26 | 0.03 | < 10 | < 10 | 27 | < 10 | 88 |
| 00978 | 201 202 | < 0.01 | 23 | 710 | 10 | < 2 | 3 | 10 | 0.06 | < 10 | < 10 | 39 | < 10 | 58 |
| 00979 | 201 202 | < 0.01 | 15 | 730 | 6 | < 2 | 1 | 9 | 0.03 | < 10 | < 10 | 31 | < 10 | 40 |
| 00980 | 201 202 | < 0.01 | 10 | 930 | 8 | < 2 | 1 | 7 | 0.03 | < 10 | < 10 | 35 | < 10 | 40 |
| 00981 | 201 202 | < 0.01 | 16 | 830 | 10 | < 2 | 1 | 10 | 0.03 | < 10 | < 10 | 30 | < 10 | 48 |
| 00982 | 201 202 | < 0.01 | 26 | 1190 | 10 | < 2 | 1 | 16 | 0.02 | < 10 | < 10 | 26 | < 10 | 56 |
| 00983 | 201 202 | < 0.01 | 15 | 700 | 10 | < 2 | 1 | 8 | 0.04 | < 10 | < 10 | 35 | < 10 | 48 |
| 00984 | 201 202 | < 0.01 | 13 | 730 | 8 | < 2 | 1 | 10 | 0.03 | < 10 | < 10 | 30 | < 10 | 36 |
| 00985 | 201 202 | < 0.01 | 31 | 790 | 14 | < 2 | 3 | 87 | 0.04 | < 10 | < 10 | 33 | < 10 | 68 |
| 13551 | 201 202 | < 0.01 | 23 | 1060 | 10 | < 2 | 3 | 27 | 0.02 | < 10 | < 10 | 37 | < 10 | 86 |
| 13552 | 201 202 | < 0.01 | 34 | 630 | 14 | < 2 | 3 | 12 | 0.03 | < 10 | < 10 | 37 | < 10 | 78 |
| 13553 | 201 202 | < 0.01 | 37 | 1120 | 16 | < 2 | 3 | 16 | 0.01 | < 10 | < 10 | 50 | < 10 | 118 |
| 13554 | 201 202 | < 0.01 | 29 | 880 | 18 | < 2 | 3 | 25 | 0.03 | < 10 | < 10 | 56 | < 10 | 82 |
| 13555 | 201 202 | < 0.01 | 26 | 510 | 14 | < 2 | 3 | 11 | 0.03 | < 10 | < 10 | 57 | < 10 | 76 |
| 13556 | 201 202 | < 0.01 | 41 | 880 | 18 | < 2 | 4 | 22 | 0.04 | < 10 | < 10 | 51 | < 10 | 110 |
| 13557 | 201 202 | 0.01 | 62 | 2380 | 20 | < 2 | 5 | 55 | 0.08 | < 10 | < 10 | 76 | < 10 | 154 |
| 13558 | 201 202 | < 0.01 | 35 | 1000 | 16 | < 2 | 3 | 26 | 0.04 | < 10 | < 10 | 49 | < 10 | 102 |
| 13559 | 201 202 | 0.01 | 30 | 1060 | 12 | < 2 | 3 | 30 | 0.03 | < 10 | < 10 | 49 | < 10 | 96 |
| 13560 | 201 202 | < 0.01 | 34 | 960 | 14 | < 2 | 4 | 34 | 0.03 | < 10 | < 10 | 58 | < 10 | 118 |
| 13561 | 201 202 | 0.01 | 26 | 880 | 8 | < 2 | 3 | 50 | 0.03 | < 10 | < 10 | 36 | < 10 | 90 |
| 13562 | 201 202 | < 0.01 | 25 | 1060 | 8 | < 2 | 3 | 23 | 0.08 | < 10 | < 10 | 50 | < 10 | 84 |
| 13563 | 201 202 | < 0.01 | 28 | 1280 | 16 | < 2 | 6 | 40 | 0.04 | < 10 | < 10 | 54 | < 10 | 94 |
| 13564 | 201 202 | < 0.01 | 24 | 1140 | 8 | < 2 | 3 | 29 | 0.07 | < 10 | < 10 | 43 | < 10 | 70 |
| 13565 | 201 202 | < 0.01 | 34 | 910 | 14 | < 2 | 4 | 28 | 0.07 | < 10 | < 10 | 52 | < 10 | 82 |
| 13566 | 201 202 | < 0.01 | 30 | 1010 | 32 | < 2 | 5 | 23 | 0.08 | < 10 | < 10 | 56 | < 10 | 126 |
| 13567 | 201 202 | < 0.01 | 24 | 1140 | 18 | < 2 | 5 | 33 | 0.02 | < 10 | < 10 | 48 | < 10 | 116 |
| 13568 | 201 202 | < 0.01 | 70 | 1540 | 10 | < 2 | 8 | 54 | < 0.01 | < 10 | < 10 | 37 | < 10 | 72 |
| 13569 | 201 202 | 0.01 | 14 | 360 | 12 | < 2 | 1 | 9 | 0.03 | < 10 | < 10 | 40 | < 10 | 46 |
| 13570 | 201 202 | < 0.01 | 40 | 1160 | 28 | < 2 | 6 | 37 | 0.07 | < 10 | < 10 | 58 | < 10 | 160 |
| 13571 | 201 202 | < 0.01 | 36 | 1020 | 18 | < 2 | 5 | 31 | 0.07 | < 10 | < 10 | 55 | < 10 | 122 |
| 13572 | 201 202 | < 0.01 | 27 | 1140 | 16 | < 2 | 5 | 58 | 0.04 | < 10 | < 10 | 53 | < 10 | 132 |
| 13573 | 201 202 | < 0.01 | 33 | 670 | 18 | < 2 | 4 | 10 | 0.07 | < 10 | < 10 | 71 | < 10 | 122 |

CERTIFICATION: *Phai D Ma*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Page 1 of 2-A
 Total Pages : 4
 Certificate Date: 27-JUN-96
 Invoice No. : 19621776
 P.O. Number :
 Account : MPO

Project : LEAGUE
 Comments :

CERTIFICATE OF ANALYSIS A9621776

| SAMPLE | PREP CODE | | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
|--------|-----------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| 13574 | 201 | 202 | < 0.2 | 1.74 | 58 | 80 | < 0.5 | < 2 | 0.24 | < 0.5 | 9 | 31 | 14 | 3.77 | < 10 | < 1 | 0.31 | 30 | 0.78 | 265 | 1 |
| 13575 | 201 | 202 | < 0.2 | 1.86 | 30 | 90 | < 0.5 | < 2 | 0.23 | < 0.5 | 13 | 44 | 68 | 3.90 | < 10 | < 1 | 0.09 | 20 | 0.80 | 360 | 1 |
| 13576 | 201 | 202 | 0.2 | 1.75 | 636 | 230 | < 0.5 | < 2 | 1.31 | 2.0 | 13 | 44 | 46 | 3.47 | < 10 | < 1 | 0.12 | 30 | 0.78 | 1340 | < 1 |
| 13577 | 201 | 202 | 0.6 | 2.18 | 38 | 110 | < 0.5 | < 2 | 0.14 | < 0.5 | 10 | 46 | 55 | 4.72 | < 10 | < 1 | 0.09 | 10 | 0.75 | 290 | 1 |
| 13578 | 201 | 202 | 0.2 | 1.85 | 42 | 170 | < 0.5 | < 2 | 0.52 | < 0.5 | 10 | 42 | 32 | 3.36 | < 10 | < 1 | 0.13 | 20 | 0.96 | 245 | 1 |
| 13579 | 201 | 202 | < 0.2 | 1.02 | 30 | 60 | < 0.5 | < 2 | 0.07 | < 0.5 | 5 | 21 | 16 | 2.76 | < 10 | < 1 | 0.09 | 10 | 0.29 | 155 | 1 |
| 13610 | 201 | 202 | < 0.2 | 1.51 | 14 | 210 | < 0.5 | < 2 | 0.17 | < 0.5 | 8 | 34 | 11 | 2.42 | < 10 | < 1 | 0.06 | 10 | 0.54 | 220 | < 1 |
| 13611 | 201 | 202 | < 0.2 | 1.34 | 24 | 120 | < 0.5 | < 2 | 0.23 | < 0.5 | 9 | 29 | 13 | 2.26 | < 10 | < 1 | 0.05 | 10 | 0.55 | 185 | < 1 |
| 13612 | 201 | 202 | < 0.2 | 0.94 | 18 | 60 | < 0.5 | < 2 | 0.19 | < 0.5 | 4 | 24 | 6 | 2.26 | < 10 | < 1 | 0.04 | 10 | 0.39 | 170 | < 1 |
| 13613 | 201 | 202 | < 0.2 | 0.97 | 16 | 80 | < 0.5 | < 2 | 0.19 | < 0.5 | 6 | 23 | 5 | 1.99 | < 10 | < 1 | 0.04 | 10 | 0.36 | 565 | < 1 |
| 13614 | 201 | 202 | < 0.2 | 0.96 | 10 | 270 | < 0.5 | < 2 | 0.72 | < 0.5 | 6 | 21 | 7 | 1.51 | < 10 | < 1 | 0.05 | 10 | 0.42 | 690 | 1 |
| 13615 | 201 | 202 | < 0.2 | 0.54 | 2 | 200 | < 0.5 | < 2 | 1.06 | < 0.5 | 1 | 8 | 7 | 0.62 | < 10 | < 1 | 0.04 | < 10 | 0.17 | 160 | < 1 |
| 13637 | 201 | 202 | < 0.2 | 1.52 | 6 | 140 | < 0.5 | < 2 | 0.59 | < 0.5 | 9 | 40 | 14 | 2.81 | < 10 | 1 | 0.11 | 10 | 0.87 | 325 | < 1 |
| 13638 | 201 | 202 | < 0.2 | 2.50 | 24 | 120 | < 0.5 | < 2 | 0.33 | < 0.5 | 15 | 104 | 24 | 4.66 | < 10 | < 1 | 0.07 | 10 | 1.39 | 465 | < 1 |
| 13639 | 201 | 202 | < 0.2 | 2.22 | 18 | 200 | < 0.5 | < 2 | 0.72 | < 0.5 | 12 | 72 | 36 | 4.11 | < 10 | < 1 | 0.08 | 30 | 1.18 | 455 | < 1 |
| 13640 | 201 | 202 | < 0.2 | 2.39 | 12 | 250 | < 0.5 | < 2 | 0.67 | 2.5 | 19 | 82 | 50 | 4.12 | < 10 | < 1 | 0.09 | 20 | 1.23 | 845 | 2 |
| 13641 | 201 | 202 | < 0.2 | 2.24 | 26 | 230 | < 0.5 | < 2 | 0.66 | 0.5 | 19 | 104 | 53 | 4.51 | < 10 | < 1 | 0.17 | 20 | 1.35 | 395 | 1 |
| 13642 | 201 | 202 | < 0.2 | 2.97 | 14 | 240 | < 0.5 | < 2 | 0.91 | 0.5 | 24 | 190 | 61 | 5.41 | < 10 | < 1 | 0.30 | 10 | 2.23 | 560 | < 1 |
| 13643 | 201 | 202 | < 0.2 | 3.01 | 22 | 250 | < 0.5 | < 2 | 1.06 | 0.5 | 24 | 191 | 52 | 5.85 | < 10 | < 1 | 0.10 | 30 | 1.88 | 595 | < 1 |
| 13644 | 201 | 202 | < 0.2 | 1.92 | 6 | 190 | < 0.5 | < 2 | 0.31 | < 0.5 | 10 | 65 | 18 | 3.59 | < 10 | < 1 | 0.06 | 30 | 0.89 | 510 | < 1 |
| 13645 | 201 | 202 | < 0.2 | 2.14 | 10 | 100 | < 0.5 | < 2 | 0.32 | < 0.5 | 15 | 63 | 37 | 4.38 | < 10 | < 1 | 0.07 | 30 | 0.96 | 505 | < 1 |
| 13646 | 201 | 202 | < 0.2 | 0.51 | 60 | 50 | < 0.5 | < 2 | 0.13 | < 0.5 | 5 | 15 | 10 | 1.93 | < 10 | < 1 | 0.10 | 10 | 0.15 | 465 | < 1 |
| 13647 | 201 | 202 | < 0.2 | 1.06 | 90 | 100 | < 0.5 | < 2 | 0.23 | < 0.5 | 8 | 26 | 11 | 2.53 | < 10 | < 1 | 0.13 | 10 | 0.40 | 145 | < 1 |
| 13648 | 201 | 202 | < 0.2 | 0.70 | 12 | 120 | < 0.5 | < 2 | 0.12 | < 0.5 | 3 | 13 | 7 | 1.04 | < 10 | < 1 | 0.08 | 10 | 0.12 | 745 | 1 |
| 13649 | 201 | 202 | < 0.2 | 3.24 | 22 | 180 | 0.5 | < 2 | 0.27 | < 0.5 | 18 | 102 | 30 | 5.39 | < 10 | < 1 | 0.95 | 20 | 1.89 | 620 | < 1 |
| 13650 | 201 | 202 | < 0.2 | 1.94 | 14 | 160 | < 0.5 | < 2 | 0.34 | < 0.5 | 11 | 36 | 15 | 3.66 | < 10 | < 1 | 0.58 | 30 | 0.86 | 400 | < 1 |
| 13651 | 201 | 202 | < 0.2 | 2.61 | 36 | 210 | 0.5 | < 2 | 0.29 | < 0.5 | 26 | 34 | 25 | 5.79 | < 10 | < 1 | 0.71 | 20 | 1.16 | 855 | < 1 |
| 13652 | 201 | 202 | < 0.2 | 1.79 | 16 | 160 | < 0.5 | < 2 | 0.24 | < 0.5 | 10 | 29 | 17 | 3.46 | < 10 | < 1 | 0.36 | 20 | 0.62 | 355 | 1 |
| 13653 | 201 | 202 | < 0.2 | 1.42 | 14 | 140 | < 0.5 | < 2 | 0.25 | < 0.5 | 8 | 30 | 16 | 2.73 | < 10 | 1 | 0.29 | 30 | 0.56 | 275 | 1 |
| 13654 | 201 | 202 | < 0.2 | 1.61 | 8 | 120 | < 0.5 | < 2 | 0.23 | < 0.5 | 7 | 28 | 12 | 2.82 | < 10 | < 1 | 0.39 | 30 | 0.62 | 225 | < 1 |
| 13655 | 201 | 202 | < 0.2 | 1.67 | 12 | 110 | < 0.5 | < 2 | 0.31 | < 0.5 | 8 | 26 | 9 | 3.15 | < 10 | < 1 | 0.60 | 20 | 0.71 | 300 | < 1 |
| 13656 | 201 | 202 | < 0.2 | 1.62 | 16 | 110 | < 0.5 | < 2 | 0.32 | < 0.5 | 9 | 31 | 17 | 3.01 | < 10 | 1 | 0.33 | 20 | 0.70 | 335 | 1 |
| 13657 | 201 | 202 | < 0.2 | 2.08 | 48 | 210 | 0.5 | < 2 | 0.40 | < 0.5 | 9 | 32 | 14 | 3.45 | < 10 | < 1 | 0.48 | 20 | 0.79 | 270 | 1 |
| 13658 | 201 | 202 | < 0.2 | 1.72 | 62 | 170 | 0.5 | < 2 | 0.35 | < 0.5 | 6 | 27 | 12 | 3.53 | < 10 | < 1 | 0.26 | 30 | 0.63 | 175 | 1 |
| 13659 | 201 | 202 | < 0.2 | 1.60 | 46 | 120 | < 0.5 | < 2 | 0.32 | < 0.5 | 11 | 33 | 26 | 3.37 | < 10 | < 1 | 0.15 | 30 | 0.70 | 245 | < 1 |
| 13660 | 201 | 202 | < 0.2 | 1.85 | 74 | 140 | < 0.5 | < 2 | 0.27 | < 0.5 | 12 | 39 | 27 | 3.87 | < 10 | < 1 | 0.10 | 30 | 0.92 | 520 | < 1 |
| 13661 | 201 | 202 | < 0.2 | 1.87 | 52 | 90 | < 0.5 | < 2 | 0.27 | < 0.5 | 14 | 41 | 49 | 3.76 | < 10 | < 1 | 0.12 | 20 | 0.89 | 440 | 1 |
| 13662 | 201 | 202 | < 0.2 | 2.95 | 44 | 160 | < 0.5 | < 2 | 0.53 | < 0.5 | 19 | 29 | 35 | 7.07 | < 10 | < 1 | 0.23 | 30 | 1.14 | 905 | 1 |
| 13663 | 201 | 202 | < 0.2 | 2.27 | 444 | 150 | < 0.5 | < 2 | 0.36 | < 0.5 | 17 | 50 | 40 | 4.68 | < 10 | < 1 | 0.30 | 40 | 1.09 | 755 | < 1 |
| 13664 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |

CERTIFICATION: *Jha J Ma*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project: LEAGUE
 Comments:

Page: 3-A
 Total Pages: 4
 Certificate Date: 27-JUN-96
 Invoice No.: I9621776
 P.O. Number:
 Account: MPO

CERTIFICATE OF ANALYSIS A9621776

| SAMPLE | PREP CODE | 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 | Mo ppm |
|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 13665 | 201 202 | < 0.2 | 1.86 | 288 | 140 | < 0.5 | < 2 | 0.40 | < 0.5 | 14 | 29 | 26 | 4.11 | < 10 | < 1 | 0.13 | 30 | 0.74 | 535 | < 1 |
| 13666 | 201 202 | < 0.2 | 2.38 | 58 | 100 | < 0.5 | < 2 | 0.35 | < 0.5 | 12 | 35 | 20 | 4.42 | < 10 | < 1 | 0.14 | 20 | 1.06 | 460 | < 1 |
| 13667 | 201 202 | < 0.2 | 2.12 | 164 | 120 | < 0.5 | < 2 | 0.29 | < 0.5 | 14 | 34 | 18 | 4.12 | < 10 | < 1 | 0.26 | 20 | 0.95 | 460 | < 1 |
| 13668 | 201 202 | < 0.2 | 2.08 | 124 | 110 | < 0.5 | < 2 | 0.29 | < 0.5 | 14 | 41 | 18 | 4.24 | < 10 | < 1 | 0.34 | 20 | 1.05 | 450 | < 1 |
| 13669 | 201 202 | < 0.2 | 1.37 | 24 | 50 | < 0.5 | < 2 | 0.19 | < 0.5 | 7 | 33 | 9 | 3.03 | < 10 | < 1 | 0.17 | 10 | 0.68 | 275 | < 1 |
| 13670 | 201 202 | < 0.2 | 1.93 | 84 | 100 | < 0.5 | < 2 | 0.37 | < 0.5 | 9 | 35 | 12 | 3.22 | < 10 | < 1 | 0.23 | 20 | 0.85 | 295 | < 1 |
| 13671 | 201 202 | < 0.2 | 1.89 | 68 | 80 | < 0.5 | < 2 | 0.34 | < 0.5 | 12 | 39 | 17 | 3.45 | < 10 | < 1 | 0.35 | 30 | 0.94 | 440 | < 1 |
| 13672 | 201 202 | < 0.2 | 1.89 | 118 | 100 | < 0.5 | < 2 | 0.32 | < 0.5 | 11 | 33 | 15 | 3.47 | < 10 | < 1 | 0.39 | 20 | 0.83 | 360 | < 1 |
| 13673 | 201 202 | < 0.2 | 2.87 | 410 | 240 | 0.5 | < 2 | 0.36 | < 0.5 | 11 | 52 | 39 | 4.80 | < 10 | < 1 | 0.29 | 10 | 0.69 | 285 | 2 |
| 13674 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13675 | 201 202 | < 0.2 | 1.66 | 144 | 60 | < 0.5 | < 2 | 0.24 | < 0.5 | 7 | 30 | 8 | 2.99 | < 10 | < 1 | 0.24 | 20 | 0.67 | 215 | < 1 |
| 13676 | 201 202 | < 0.2 | 1.03 | 18 | 40 | < 0.5 | < 2 | 0.09 | < 0.5 | 5 | 25 | 6 | 1.81 | < 10 | < 1 | 0.06 | 10 | 0.42 | 190 | < 1 |
| 13677 | 201 202 | < 0.2 | 0.55 | 36 | 40 | < 0.5 | < 2 | 0.07 | < 0.5 | 3 | 12 | 8 | 1.39 | < 10 | < 1 | 0.13 | 10 | 0.15 | 140 | < 1 |
| 13678 | 201 202 | < 0.2 | 1.29 | 20 | 50 | < 0.5 | < 2 | 0.11 | < 0.5 | 4 | 20 | 6 | 1.77 | < 10 | < 1 | 0.10 | 10 | 0.34 | 130 | < 1 |
| 13679 | 201 202 | < 0.2 | 1.76 | 18 | 100 | < 0.5 | < 2 | 0.22 | < 0.5 | 8 | 30 | 11 | 3.18 | < 10 | 1 | 0.37 | 10 | 0.71 | 245 | < 1 |
| 13711 | 201 202 | < 0.2 | 1.68 | 18 | 90 | < 0.5 | < 2 | 0.22 | < 0.5 | 7 | 33 | 9 | 2.55 | < 10 | < 1 | 0.17 | 10 | 0.74 | 205 | < 1 |
| 13712 | 201 202 | < 0.2 | 1.82 | 14 | 80 | < 0.5 | < 2 | 0.20 | < 0.5 | 6 | 35 | 8 | 2.92 | < 10 | < 1 | 0.19 | 10 | 0.69 | 215 | < 1 |
| 13713 | 201 202 | < 0.2 | 1.90 | 24 | 100 | < 0.5 | < 2 | 0.21 | < 0.5 | 8 | 38 | 13 | 3.49 | < 10 | < 1 | 0.31 | 10 | 0.86 | 450 | < 1 |
| 13714 | 201 202 | < 0.2 | 1.41 | 18 | 180 | < 0.5 | < 2 | 0.30 | < 0.5 | 8 | 26 | 7 | 2.69 | < 10 | < 1 | 0.47 | 10 | 0.72 | 270 | < 1 |
| 13715 | 201 202 | < 0.2 | 1.51 | 18 | 240 | < 0.5 | < 2 | 0.42 | < 0.5 | 19 | 31 | 10 | 3.10 | < 10 | < 1 | 0.47 | 20 | 0.64 | 850 | < 1 |
| 13716 | 201 202 | < 0.2 | 2.83 | 128 | 120 | 1.0 | < 2 | 0.56 | < 0.5 | 22 | 45 | 16 | 5.48 | < 10 | < 1 | 0.28 | 30 | 0.60 | 660 | 1 |
| 13717 | 201 202 | < 0.2 | 2.42 | 40 | 160 | < 0.5 | < 2 | 1.16 | < 0.5 | 14 | 45 | 20 | 4.60 | < 10 | < 1 | 0.71 | 10 | 1.27 | 500 | < 1 |
| 13718 | 201 202 | < 0.2 | 2.11 | 16 | 80 | < 0.5 | < 2 | 0.20 | < 0.5 | 9 | 44 | 12 | 3.40 | < 10 | < 1 | 0.09 | 10 | 0.92 | 275 | < 1 |
| 13719 | 201 202 | < 0.2 | 1.39 | 14 | 70 | < 0.5 | < 2 | 0.13 | < 0.5 | 6 | 27 | 12 | 2.89 | < 10 | < 1 | 0.06 | 10 | 0.61 | 310 | < 1 |
| 13720 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13721 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13722 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13723 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13724 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13725 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13726 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13727 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13728 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13729 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 16573 | 201 202 | < 0.2 | 1.39 | 20 | 190 | < 0.5 | < 2 | 0.37 | < 0.5 | 19 | 209 | 35 | 3.22 | < 10 | < 1 | 0.10 | 30 | 2.65 | 700 | < 1 |
| 16574 | 201 202 | < 0.2 | 1.22 | 12 | 110 | < 0.5 | < 2 | 0.40 | < 0.5 | 7 | 40 | 12 | 2.28 | < 10 | < 1 | 0.11 | 10 | 0.78 | 260 | < 1 |
| 16575 | 201 202 | < 0.2 | 1.33 | 16 | 150 | < 0.5 | < 2 | 0.46 | < 0.5 | 8 | 39 | 19 | 2.38 | < 10 | < 1 | 0.11 | 20 | 0.85 | 300 | < 1 |
| 16576 | 201 202 | < 0.2 | 1.41 | 10 | 270 | < 0.5 | < 2 | 0.48 | < 0.5 | 8 | 36 | 23 | 2.11 | < 10 | < 1 | 0.09 | 10 | 0.70 | 440 | < 1 |
| 16577 | 201 202 | < 0.2 | 1.21 | 22 | 180 | < 0.5 | < 2 | 1.00 | < 0.5 | 9 | 36 | 26 | 2.40 | < 10 | < 1 | 0.15 | 20 | 0.77 | 430 | 1 |
| 16578 | 201 202 | < 0.2 | 1.62 | 10 | 310 | < 0.5 | < 2 | 0.58 | < 0.5 | 10 | 43 | 26 | 2.67 | < 10 | < 1 | 0.13 | 20 | 0.80 | 435 | < 1 |

CERTIFICATION: *[Signature]*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments :

Page : 3-B
Total Pages : 4
Certificate Date : 27-JUN-96
Invoice No. : I9621776
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9621776

| SAMPLE | PREP CODE | | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|--------|-----------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| 13665 | 201 | 202 | < 0.01 | 17 | 1170 | 8 | < 2 | 5 | 22 | 0.03 | < 10 | < 10 | 44 | < 10 | 56 |
| 13666 | 201 | 202 | < 0.01 | 20 | 1060 | 14 | < 2 | 4 | 15 | 0.10 | < 10 | < 10 | 63 | < 10 | 62 |
| 13667 | 201 | 202 | < 0.01 | 19 | 880 | 18 | < 2 | 5 | 14 | 0.09 | < 10 | < 10 | 71 | < 10 | 62 |
| 13668 | 201 | 202 | < 0.01 | 20 | 830 | 12 | < 2 | 5 | 14 | 0.12 | < 10 | < 10 | 76 | < 10 | 60 |
| 13669 | 201 | 202 | < 0.01 | 14 | 570 | 18 | < 2 | 2 | 10 | 0.10 | < 10 | < 10 | 45 | < 10 | 62 |
| 13670 | 201 | 202 | < 0.01 | 15 | 760 | 14 | < 2 | 4 | 18 | 0.11 | < 10 | < 10 | 58 | < 10 | 60 |
| 13671 | 201 | 202 | < 0.01 | 18 | 1000 | 16 | < 2 | 4 | 16 | 0.11 | < 10 | < 10 | 58 | < 10 | 76 |
| 13672 | 201 | 202 | < 0.01 | 16 | 850 | 16 | < 2 | 4 | 16 | 0.13 | < 10 | < 10 | 62 | < 10 | 60 |
| 13673 | 201 | 202 | < 0.01 | 25 | 1700 | 34 | < 2 | 1 | 29 | 0.01 | < 10 | < 10 | 85 | < 10 | 80 |
| 13674 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13675 | 201 | 202 | < 0.01 | 12 | 860 | 14 | < 2 | 3 | 13 | 0.07 | < 10 | < 10 | 49 | < 10 | 48 |
| 13676 | 201 | 202 | 0.01 | 10 | 450 | 2 | < 2 | 1 | 9 | 0.05 | < 10 | < 10 | 37 | < 10 | 26 |
| 13677 | 201 | 202 | < 0.01 | 6 | 470 | 10 | < 2 | < 1 | 7 | 0.02 | < 10 | < 10 | 31 | < 10 | 30 |
| 13678 | 201 | 202 | < 0.01 | 6 | 470 | 18 | < 2 | 1 | 8 | 0.06 | < 10 | < 10 | 37 | < 10 | 32 |
| 13679 | 201 | 202 | < 0.01 | 11 | 490 | 14 | < 2 | 3 | 10 | 0.18 | < 10 | < 10 | 61 | < 10 | 66 |
| 13711 | 201 | 202 | < 0.01 | 13 | 670 | 14 | < 2 | 2 | 12 | 0.09 | < 10 | < 10 | 43 | < 10 | 60 |
| 13712 | 201 | 202 | < 0.01 | 13 | 560 | 18 | < 2 | 3 | 11 | 0.10 | < 10 | < 10 | 50 | < 10 | 56 |
| 13713 | 201 | 202 | < 0.01 | 16 | 660 | 12 | < 2 | 3 | 13 | 0.12 | < 10 | < 10 | 50 | < 10 | 66 |
| 13714 | 201 | 202 | < 0.01 | 11 | 540 | 12 | < 2 | 2 | 17 | 0.14 | < 10 | < 10 | 48 | < 10 | 54 |
| 13715 | 201 | 202 | < 0.01 | 12 | 550 | 38 | < 2 | 3 | 24 | 0.17 | < 10 | < 10 | 61 | < 10 | 74 |
| 13716 | 201 | 202 | 0.01 | 31 | 1120 | 24 | < 2 | 6 | 37 | < 0.01 | < 10 | < 10 | 77 | < 10 | 82 |
| 13717 | 201 | 202 | < 0.01 | 19 | 530 | 20 | < 2 | 6 | 73 | 0.21 | < 10 | < 10 | 93 | < 10 | 54 |
| 13718 | 201 | 202 | < 0.01 | 21 | 490 | 10 | < 2 | 3 | 12 | 0.12 | < 10 | < 10 | 49 | < 10 | 62 |
| 13719 | 201 | 202 | < 0.01 | 15 | 870 | 12 | < 2 | 1 | 10 | 0.08 | < 10 | < 10 | 45 | < 10 | 46 |
| 13720 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13721 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13722 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13723 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13724 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13725 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13726 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13727 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13728 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 13729 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 16573 | 201 | 202 | < 0.01 | 197 | 1020 | 26 | < 2 | 4 | 22 | 0.05 | < 10 | < 10 | 46 | < 10 | 128 |
| 16574 | 201 | 202 | < 0.01 | 24 | 980 | 10 | < 2 | 3 | 19 | 0.06 | < 10 | < 10 | 41 | < 10 | 80 |
| 16575 | 201 | 202 | < 0.01 | 26 | 1180 | 14 | < 2 | 3 | 23 | 0.06 | < 10 | < 10 | 43 | < 10 | 92 |
| 16576 | 201 | 202 | 0.01 | 27 | 970 | 10 | < 2 | 3 | 24 | 0.05 | < 10 | < 10 | 41 | < 10 | 84 |
| 16577 | 201 | 202 | < 0.01 | 26 | 1250 | 12 | < 2 | 3 | 35 | 0.06 | < 10 | < 10 | 40 | < 10 | 80 |
| 16578 | 201 | 202 | < 0.01 | 29 | 1140 | 12 | < 2 | 4 | 29 | 0.07 | < 10 | < 10 | 49 | < 10 | 84 |

CERTIFICATION:

Yhai D Ma



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project : LEAGUE
 Comments:

Page : 4-A
 Total Pages : 4
 Certificate Date: 27-JUN-96
 Invoice No. : 19621776
 P.O. Number :
 Account : MPO

CERTIFICATE OF ANALYSIS A9621776

| SAMPLE | PREP CODE | 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 | Mo ppm |
|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 16579 | 201 202 | < 0.2 | 1.64 | 10 | 470 | < 0.5 | < 2 | 0.63 | < 0.5 | 10 | 40 | 31 | 2.53 | < 10 | < 1 | 0.09 | 20 | 0.78 | 310 | < 1 |
| 16580 | 201 202 | < 0.2 | 1.47 | 16 | 350 | < 0.5 | < 2 | 1.68 | 0.5 | 9 | 40 | 33 | 2.58 | < 10 | < 1 | 0.12 | 10 | 0.94 | 490 | 1 |
| 16581 | 201 202 | < 0.2 | 1.87 | 12 | 350 | < 0.5 | < 2 | 0.52 | < 0.5 | 10 | 51 | 32 | 3.00 | < 10 | < 1 | 0.14 | 30 | 0.96 | 375 | < 1 |
| 16582 | 201 202 | < 0.2 | 1.88 | 8 | 340 | < 0.5 | < 2 | 0.65 | 0.5 | 10 | 50 | 30 | 2.92 | < 10 | < 1 | 0.15 | 20 | 0.91 | 335 | < 1 |
| 16583 | -- -- | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd |
| 16584 | -- -- | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd |
| 16585 | -- -- | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd |

CERTIFICATION:

[Handwritten Signature]



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

J: EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project : LEAGUE
 Comments:

Page : ar :4-B
 Total Pages :4
 Certificate Date: 27-JUN-96
 Invoice No. :19621776
 P.O. Number :
 Account :MPO

CERTIFICATE OF ANALYSIS A9621776

| SAMPLE | PREP | | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|--------|------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | CODE | | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| 16579 | 201 | 202 | 0.01 | 32 | 840 | 16 | < 2 | 4 | 30 | 0.04 | < 10 | < 10 | 50 | < 10 | 90 |
| 16580 | 201 | 202 | 0.01 | 34 | 970 | 14 | < 2 | 4 | 54 | 0.05 | < 10 | < 10 | 47 | < 10 | 102 |
| 16581 | 201 | 202 | < 0.01 | 33 | 990 | 14 | < 2 | 4 | 29 | 0.07 | < 10 | < 10 | 56 | < 10 | 106 |
| 16582 | 201 | 202 | 0.01 | 35 | 940 | 16 | < 2 | 5 | 36 | 0.05 | < 10 | < 10 | 58 | < 10 | 120 |
| 16583 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 16584 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 16585 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project : LEAGUE
 Comments :

Page : 1 of 1-A
 Total Pages : 5
 Certificate Date: 27-JUN-96
 Invoice No. : 19621775
 P.O. Number :
 Account : MPO

CERTIFICATE OF ANALYSIS

A9621775

| SAMPLE | PREP CODE | | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
|--------|-----------|-----|-------|------|------|-----|-------|-----|------|-------|-----|-----|-----|------|------|-----|------|------|------|------|-----|
| | | | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| 00581 | 201 | 202 | < 0.2 | 1.51 | 12 | 110 | < 0.5 | < 2 | 0.49 | < 0.5 | 9 | 44 | 15 | 2.39 | < 10 | < 1 | 0.11 | 10 | 0.79 | 310 | 1 |
| 00582 | 201 | 202 | < 0.2 | 1.49 | 34 | 110 | < 0.5 | < 2 | 0.45 | < 0.5 | 9 | 42 | 16 | 2.59 | < 10 | < 1 | 0.14 | 10 | 0.82 | 245 | 1 |
| 00583 | 201 | 202 | < 0.2 | 1.83 | 24 | 150 | < 0.5 | < 2 | 0.39 | < 0.5 | 12 | 47 | 13 | 3.32 | < 10 | < 1 | 0.11 | 10 | 0.98 | 250 | < 1 |
| 00584 | 201 | 202 | < 0.2 | 2.07 | 16 | 140 | 0.5 | < 2 | 0.48 | < 0.5 | 15 | 58 | 41 | 3.82 | < 10 | < 1 | 0.25 | 30 | 1.15 | 300 | < 1 |
| 00585 | 201 | 202 | < 0.2 | 1.65 | 28 | 220 | < 0.5 | < 2 | 1.02 | < 0.5 | 12 | 36 | 28 | 2.78 | < 10 | < 1 | 0.20 | 10 | 0.77 | 625 | < 1 |
| 00586 | 201 | 202 | < 0.2 | 2.03 | 28 | 100 | 0.5 | < 2 | 0.21 | < 0.5 | 18 | 59 | 19 | 3.87 | < 10 | < 1 | 0.14 | 10 | 0.96 | 510 | < 1 |
| 00587 | 201 | 202 | < 0.2 | 3.93 | 2600 | 130 | 1.0 | 6 | 0.53 | 0.5 | 29 | 62 | 18 | 6.76 | 10 | < 1 | 0.41 | 20 | 1.46 | 985 | < 1 |
| 00588 | 201 | 202 | < 0.2 | 2.13 | 84 | 90 | < 0.5 | < 2 | 0.37 | < 0.5 | 19 | 72 | 12 | 3.97 | < 10 | < 1 | 0.15 | 10 | 1.13 | 465 | < 1 |
| 00589 | 201 | 202 | < 0.2 | 1.73 | 40 | 80 | < 0.5 | < 2 | 0.66 | < 0.5 | 14 | 50 | 12 | 3.21 | < 10 | < 1 | 0.24 | 10 | 0.98 | 385 | < 1 |
| 00590 | 201 | 202 | < 0.2 | 1.71 | 70 | 100 | < 0.5 | < 2 | 0.94 | < 0.5 | 16 | 34 | 34 | 3.26 | < 10 | < 1 | 0.14 | 30 | 0.80 | 415 | < 1 |
| 00591 | 201 | 202 | < 0.2 | 0.83 | 16 | 80 | 1.5 | < 2 | 0.06 | < 0.5 | 29 | 17 | 71 | 6.64 | < 10 | < 1 | 0.16 | 50 | 0.17 | 620 | < 1 |
| 00592 | 201 | 202 | 0.2 | 2.78 | 46 | 100 | 0.5 | < 2 | 0.25 | < 0.5 | 15 | 47 | 22 | 3.65 | < 10 | < 1 | 0.10 | 10 | 0.92 | 385 | < 1 |
| 00593 | 201 | 202 | 1.2 | 2.41 | 52 | 180 | 0.5 | < 2 | 1.19 | 2.0 | 27 | 35 | 98 | 4.55 | < 10 | < 1 | 0.07 | 10 | 0.83 | 675 | < 1 |
| 00594 | 201 | 202 | 1.8 | 1.91 | 20 | 590 | 0.5 | < 2 | 0.50 | 1.5 | 9 | 37 | 33 | 3.00 | < 10 | < 1 | 0.09 | 10 | 0.89 | 485 | 2 |
| 00595 | 201 | 202 | < 0.2 | 1.77 | 12 | 260 | 0.5 | < 2 | 0.23 | < 0.5 | 11 | 42 | 18 | 2.64 | < 10 | < 1 | 0.09 | 10 | 0.60 | 290 | 1 |
| 00596 | 201 | 202 | < 0.2 | 1.62 | 16 | 130 | < 0.5 | < 2 | 0.15 | 0.5 | 8 | 40 | 19 | 3.01 | < 10 | < 1 | 0.10 | 10 | 0.49 | 285 | 1 |
| 00597 | 201 | 202 | < 0.2 | 1.84 | 14 | 150 | 0.5 | < 2 | 0.22 | < 0.5 | 11 | 40 | 17 | 2.67 | < 10 | < 1 | 0.09 | 10 | 0.67 | 265 | 1 |
| 00598 | 201 | 202 | < 0.2 | 2.10 | 6 | 90 | < 0.5 | < 2 | 0.31 | < 0.5 | 15 | 40 | 26 | 3.99 | < 10 | < 1 | 0.21 | 10 | 1.10 | 405 | < 1 |
| 00599 | 201 | 202 | < 0.2 | 0.99 | 10 | 80 | < 0.5 | < 2 | 0.11 | < 0.5 | 6 | 19 | 10 | 1.94 | < 10 | < 1 | 0.10 | < 10 | 0.37 | 240 | < 1 |
| 00600 | 201 | 202 | < 0.2 | 1.63 | 20 | 80 | < 0.5 | < 2 | 0.28 | < 0.5 | 13 | 33 | 27 | 3.27 | < 10 | < 1 | 0.15 | 10 | 0.76 | 420 | < 1 |
| 00615 | 201 | 202 | < 0.2 | 1.22 | 8 | 160 | < 0.5 | < 2 | 0.34 | < 0.5 | 7 | 36 | 13 | 2.04 | < 10 | < 1 | 0.09 | 10 | 0.54 | 200 | 1 |
| 00616 | 201 | 202 | < 0.2 | 1.66 | 18 | 380 | 0.5 | < 2 | 0.52 | 0.5 | 13 | 45 | 41 | 2.93 | < 10 | < 1 | 0.15 | 10 | 0.71 | 430 | 1 |
| 00617 | 201 | 202 | < 0.2 | 1.57 | 20 | 220 | < 0.5 | < 2 | 0.43 | < 0.5 | 10 | 47 | 28 | 2.78 | < 10 | < 1 | 0.09 | 10 | 0.69 | 290 | 1 |
| 00618 | 201 | 202 | < 0.2 | 1.74 | 32 | 400 | < 0.5 | < 2 | 0.83 | < 0.5 | 10 | 41 | 19 | 2.68 | < 10 | < 1 | 0.09 | 10 | 0.66 | 940 | 2 |
| 00619 | 201 | 202 | < 0.2 | 1.14 | 8 | 170 | < 0.5 | < 2 | 0.17 | < 0.5 | 4 | 24 | 13 | 1.59 | < 10 | < 1 | 0.05 | 10 | 0.34 | 165 | < 1 |
| 00620 | 201 | 202 | 0.4 | 1.45 | 32 | 310 | < 0.5 | < 2 | 0.53 | 0.5 | 11 | 40 | 44 | 2.90 | < 10 | < 1 | 0.11 | 20 | 0.73 | 690 | 1 |
| 00621 | 201 | 202 | < 0.2 | 1.57 | 14 | 100 | < 0.5 | < 2 | 0.16 | < 0.5 | 6 | 36 | 9 | 2.47 | < 10 | < 1 | 0.05 | 10 | 0.45 | 185 | < 1 |
| 00622 | 201 | 202 | < 0.2 | 1.47 | 10 | 90 | < 0.5 | < 2 | 0.20 | < 0.5 | 7 | 32 | 11 | 2.35 | < 10 | < 1 | 0.04 | 10 | 0.41 | 225 | < 1 |
| 00623 | 201 | 202 | 0.2 | 1.36 | 32 | 370 | < 0.5 | < 2 | 0.68 | < 0.5 | 9 | 33 | 16 | 2.86 | < 10 | < 1 | 0.06 | 10 | 0.55 | 570 | < 1 |
| 00624 | 201 | 202 | < 0.2 | 1.37 | 80 | 90 | < 0.5 | < 2 | 0.16 | < 0.5 | 10 | 39 | 25 | 4.83 | < 10 | < 1 | 0.06 | 10 | 0.33 | 485 | 2 |
| 00625 | 201 | 202 | < 0.2 | 1.82 | 26 | 90 | < 0.5 | < 2 | 0.23 | < 0.5 | 13 | 40 | 16 | 3.88 | < 10 | < 1 | 0.20 | 10 | 1.02 | 1010 | 1 |
| 00626 | 201 | 202 | < 0.2 | 1.19 | 22 | 200 | < 0.5 | < 2 | 0.35 | < 0.5 | 7 | 30 | 22 | 2.20 | < 10 | < 1 | 0.06 | 10 | 0.55 | 420 | < 1 |
| 00627 | 201 | 202 | < 0.2 | 1.47 | 18 | 110 | < 0.5 | < 2 | 0.17 | < 0.5 | 7 | 29 | 14 | 2.23 | < 10 | < 1 | 0.04 | 10 | 0.40 | 195 | < 1 |
| 00628 | 201 | 202 | < 0.2 | 1.19 | 10 | 220 | < 0.5 | < 2 | 0.32 | < 0.5 | 9 | 31 | 9 | 1.96 | < 10 | < 1 | 0.05 | 10 | 0.49 | 340 | < 1 |
| 00629 | 201 | 202 | < 0.2 | 1.32 | 10 | 260 | < 0.5 | < 2 | 0.46 | < 0.5 | 9 | 40 | 19 | 2.13 | < 10 | < 1 | 0.08 | 10 | 0.66 | 215 | < 1 |
| 00630 | 201 | 202 | 0.2 | 1.49 | 22 | 320 | < 0.5 | < 2 | 1.21 | 0.5 | 14 | 40 | 35 | 2.99 | < 10 | < 1 | 0.09 | 10 | 0.77 | 560 | 1 |
| 00631 | 201 | 202 | < 0.2 | 1.79 | 12 | 120 | < 0.5 | < 2 | 0.30 | < 0.5 | 11 | 48 | 20 | 2.93 | < 10 | < 1 | 0.07 | 10 | 0.84 | 275 | < 1 |
| 00632 | 201 | 202 | < 0.2 | 1.26 | 22 | 310 | < 0.5 | < 2 | 0.66 | < 0.5 | 11 | 39 | 30 | 2.73 | < 10 | < 1 | 0.06 | 10 | 0.76 | 1085 | 1 |
| 00633 | 201 | 202 | < 0.2 | 2.24 | 14 | 130 | 0.5 | < 2 | 0.16 | < 0.5 | 10 | 53 | 18 | 3.63 | < 10 | < 1 | 0.05 | 10 | 0.76 | 275 | 1 |
| 00634 | 201 | 202 | < 0.2 | 1.26 | 8 | 150 | 0.5 | < 2 | 0.47 | < 0.5 | 6 | 39 | 6 | 2.32 | < 10 | < 1 | 0.05 | 10 | 0.63 | 175 | < 1 |

CERTIFICATION

Phai D Ma



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page 1 of 1-B
Total Pages : 5
Certificate Date: 27-JUN-96
Invoice No. : I9621775
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9621775

| SAMPLE | PREP CODE | | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|--------|-----------|-----|--------|-----|------|-----|-----|-----|-----|--------|------|------|-----|------|-----|
| | | | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| 00581 | 201 | 202 | 0.02 | 22 | 840 | 8 | < 2 | 3 | 30 | 0.07 | < 10 | < 10 | 38 | < 10 | 56 |
| 00582 | 201 | 202 | < 0.01 | 22 | 680 | 10 | < 2 | 3 | 23 | 0.07 | < 10 | < 10 | 38 | < 10 | 74 |
| 00583 | 201 | 202 | < 0.01 | 27 | 730 | 10 | < 2 | 4 | 22 | 0.09 | < 10 | < 10 | 43 | < 10 | 68 |
| 00584 | 201 | 202 | < 0.01 | 44 | 900 | 10 | < 2 | 5 | 29 | 0.09 | < 10 | < 10 | 47 | < 10 | 88 |
| 00585 | 201 | 202 | 0.04 | 28 | 770 | 10 | < 2 | 4 | 59 | 0.07 | < 10 | < 10 | 38 | < 10 | 82 |
| 00586 | 201 | 202 | < 0.01 | 33 | 780 | 24 | < 2 | 4 | 14 | 0.09 | < 10 | < 10 | 45 | < 10 | 98 |
| 00587 | 201 | 202 | 0.05 | 39 | 980 | 12 | < 2 | 7 | 170 | 0.07 | < 10 | < 10 | 41 | < 10 | 64 |
| 00588 | 201 | 202 | < 0.01 | 30 | 290 | 14 | < 2 | 4 | 30 | 0.12 | < 10 | < 10 | 59 | < 10 | 92 |
| 00589 | 201 | 202 | < 0.01 | 23 | 430 | 12 | < 2 | 4 | 40 | 0.10 | < 10 | < 10 | 42 | < 10 | 78 |
| 00590 | 201 | 202 | < 0.01 | 29 | 640 | 12 | < 2 | 4 | 64 | 0.06 | < 10 | < 10 | 35 | < 10 | 84 |
| 00591 | 201 | 202 | < 0.01 | 55 | 560 | 12 | < 2 | 5 | 19 | < 0.01 | < 10 | < 10 | 22 | < 10 | 64 |
| 00592 | 201 | 202 | < 0.01 | 34 | 620 | 18 | < 2 | 4 | 15 | 0.09 | < 10 | < 10 | 44 | < 10 | 70 |
| 00593 | 201 | 202 | < 0.01 | 44 | 1490 | 10 | < 2 | 8 | 55 | 0.02 | < 10 | < 10 | 27 | < 10 | 172 |
| 00594 | 201 | 202 | < 0.01 | 26 | 750 | 22 | < 2 | 4 | 28 | 0.10 | < 10 | < 10 | 54 | < 10 | 100 |
| 00595 | 201 | 202 | < 0.01 | 33 | 580 | 18 | < 2 | 3 | 19 | 0.06 | < 10 | < 10 | 46 | < 10 | 80 |
| 00596 | 201 | 202 | < 0.01 | 23 | 470 | 14 | < 2 | 3 | 11 | 0.05 | < 10 | < 10 | 59 | < 10 | 92 |
| 00597 | 201 | 202 | < 0.01 | 25 | 700 | 14 | < 2 | 3 | 12 | 0.08 | < 10 | < 10 | 45 | < 10 | 72 |
| 00598 | 201 | 202 | < 0.01 | 25 | 640 | 6 | < 2 | 4 | 19 | 0.18 | < 10 | < 10 | 79 | < 10 | 56 |
| 00599 | 201 | 202 | 0.02 | 10 | 530 | 6 | < 2 | 1 | 10 | 0.07 | < 10 | < 10 | 34 | < 10 | 36 |
| 00600 | 201 | 202 | < 0.01 | 21 | 840 | 8 | < 2 | 3 | 17 | 0.12 | < 10 | < 10 | 57 | < 10 | 66 |
| 00615 | 201 | 202 | < 0.01 | 20 | 670 | 8 | < 2 | 3 | 20 | 0.07 | < 10 | < 10 | 45 | < 10 | 66 |
| 00616 | 201 | 202 | < 0.01 | 40 | 990 | 16 | < 2 | 5 | 30 | 0.06 | < 10 | < 10 | 56 | < 10 | 122 |
| 00617 | 201 | 202 | < 0.01 | 31 | 920 | 12 | < 2 | 4 | 27 | 0.06 | < 10 | < 10 | 52 | < 10 | 92 |
| 00618 | 201 | 202 | 0.02 | 25 | 1200 | 16 | < 2 | 4 | 36 | 0.04 | < 10 | < 10 | 47 | < 10 | 108 |
| 00619 | 201 | 202 | < 0.01 | 13 | 430 | 16 | < 2 | 1 | 12 | 0.06 | < 10 | < 10 | 36 | < 10 | 40 |
| 00620 | 201 | 202 | 0.01 | 33 | 1070 | 32 | < 2 | 4 | 31 | 0.07 | < 10 | < 10 | 49 | < 10 | 168 |
| 00621 | 201 | 202 | < 0.01 | 18 | 500 | 18 | < 2 | 2 | 10 | 0.06 | < 10 | < 10 | 48 | < 10 | 70 |
| 00622 | 201 | 202 | < 0.01 | 21 | 850 | 14 | < 2 | 2 | 12 | 0.04 | < 10 | < 10 | 40 | < 10 | 74 |
| 00623 | 201 | 202 | < 0.01 | 20 | 1000 | 16 | < 2 | 3 | 33 | 0.04 | < 10 | < 10 | 43 | < 10 | 132 |
| 00624 | 201 | 202 | < 0.01 | 24 | 1790 | 28 | < 2 | 3 | 12 | 0.03 | < 10 | < 10 | 62 | < 10 | 88 |
| 00625 | 201 | 202 | < 0.01 | 25 | 830 | 24 | < 2 | 2 | 20 | 0.12 | < 10 | < 10 | 62 | < 10 | 102 |
| 00626 | 201 | 202 | < 0.01 | 22 | 930 | 12 | < 2 | 3 | 19 | 0.04 | < 10 | < 10 | 34 | < 10 | 84 |
| 00627 | 201 | 202 | < 0.01 | 19 | 530 | 12 | < 2 | 2 | 11 | 0.05 | < 10 | < 10 | 38 | < 10 | 50 |
| 00628 | 201 | 202 | < 0.01 | 23 | 1000 | 12 | < 2 | 2 | 21 | 0.04 | < 10 | < 10 | 39 | < 10 | 68 |
| 00629 | 201 | 202 | < 0.01 | 26 | 1160 | 14 | < 2 | 3 | 27 | 0.05 | < 10 | < 10 | 44 | < 10 | 112 |
| 00630 | 201 | 202 | < 0.01 | 30 | 1320 | 16 | < 2 | 5 | 54 | 0.07 | < 10 | < 10 | 51 | < 10 | 120 |
| 00631 | 201 | 202 | < 0.01 | 28 | 720 | 12 | < 2 | 4 | 14 | 0.11 | < 10 | < 10 | 55 | < 10 | 70 |
| 00632 | 201 | 202 | 0.01 | 34 | 1340 | 10 | < 2 | 4 | 29 | 0.05 | < 10 | < 10 | 44 | < 10 | 84 |
| 00633 | 201 | 202 | < 0.01 | 31 | 620 | 14 | < 2 | 3 | 11 | 0.07 | < 10 | < 10 | 60 | < 10 | 82 |
| 00634 | 201 | 202 | < 0.01 | 17 | 1130 | 6 | < 2 | 3 | 25 | 0.07 | < 10 | < 10 | 45 | < 10 | 54 |

CERTIFICATION

Phai D Ma



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page : 2-A
Total Pages : 5
Certificate Date : 27-JUN-96
Invoice No. : 19621775
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9621775

| SAMPLE | PREP CODE | 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 | Mo ppm |
|--------|-----------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|--------|
| 00635 | 201 202 | < 0.2 | 1.14 | 20 | 200 | < 0.5 | < 2 | 0.54 | 0.5 | 10 | 44 | 21 | 2.63 | < 10 | < 1 | 0.08 | 10 | 0.68 | 405 | < 1 |
| 00636 | 201 202 | < 0.2 | 1.33 | 12 | 70 | < 0.5 | < 2 | 0.29 | < 0.5 | 8 | 46 | 20 | 2.41 | < 10 | < 1 | 0.07 | 10 | 0.71 | 205 | < 1 |
| 00637 | 201 202 | < 0.2 | 1.41 | 10 | 170 | < 0.5 | < 2 | 0.43 | < 0.5 | 11 | 49 | 22 | 2.55 | < 10 | < 1 | 0.08 | 10 | 0.77 | 465 | < 1 |
| 00701 | 201 202 | < 0.2 | 1.51 | 12 | 280 | < 0.5 | < 2 | 0.82 | < 0.5 | 12 | 61 | 33 | 2.89 | < 10 | < 1 | 0.09 | 10 | 0.86 | 365 | < 1 |
| 00702 | 201 202 | < 0.2 | 1.51 | 14 | 200 | < 0.5 | < 2 | 0.63 | < 0.5 | 13 | 63 | 31 | 2.99 | < 10 | < 1 | 0.11 | 10 | 0.91 | 415 | < 1 |
| 00703 | 201 202 | < 0.2 | 1.48 | 14 | 390 | < 0.5 | < 2 | 0.66 | < 0.5 | 13 | 65 | 36 | 2.84 | < 10 | < 1 | 0.09 | 10 | 0.79 | 665 | < 1 |
| 00704 | 201 202 | < 0.2 | 1.68 | 12 | 180 | < 0.5 | < 2 | 0.66 | < 0.5 | 15 | 74 | 32 | 3.21 | < 10 | < 1 | 0.17 | 10 | 1.08 | 375 | < 1 |
| 00705 | 201 202 | < 0.2 | 1.09 | 16 | 290 | < 0.5 | < 2 | 0.45 | 0.5 | 9 | 47 | 29 | 2.42 | < 10 | < 1 | 0.10 | 20 | 0.63 | 315 | 1 |
| 00706 | 201 202 | 0.2 | 1.66 | 22 | 510 | 0.5 | < 2 | 0.77 | 0.5 | 16 | 93 | 38 | 3.16 | < 10 | < 1 | 0.10 | 10 | 1.04 | 420 | 1 |
| 00707 | 201 202 | 0.2 | 1.71 | 18 | 400 | 0.5 | < 2 | 0.66 | 0.5 | 17 | 98 | 41 | 3.22 | < 10 | < 1 | 0.16 | 20 | 1.17 | 430 | < 1 |
| 00708 | 201 202 | < 0.2 | 1.08 | 12 | 190 | < 0.5 | < 2 | 0.39 | < 0.5 | 7 | 59 | 10 | 1.82 | < 10 | < 1 | 0.07 | 10 | 0.77 | 265 | < 1 |
| 00709 | 201 202 | < 0.2 | 1.55 | 10 | 360 | < 0.5 | < 2 | 0.48 | < 0.5 | 8 | 77 | 26 | 2.62 | < 10 | < 1 | 0.08 | 20 | 0.95 | 230 | 1 |
| 00710 | 201 202 | 0.2 | 1.88 | 10 | 710 | 0.5 | < 2 | 1.06 | 0.5 | 13 | 84 | 39 | 2.94 | < 10 | < 1 | 0.13 | 10 | 1.01 | 395 | 1 |
| 00711 | 201 202 | < 0.2 | 1.26 | 2 | 160 | < 0.5 | < 2 | 0.40 | < 0.5 | 11 | 94 | 18 | 2.21 | < 10 | < 1 | 0.09 | 10 | 1.11 | 255 | < 1 |
| 00712 | 201 202 | < 0.2 | 1.92 | 6 | 120 | < 0.5 | < 2 | 0.47 | < 0.5 | 13 | 81 | 16 | 2.98 | < 10 | < 1 | 0.12 | 10 | 1.34 | 250 | < 1 |
| 00713 | 201 202 | < 0.2 | 1.40 | 12 | 200 | < 0.5 | < 2 | 0.45 | < 0.5 | 13 | 101 | 21 | 2.62 | < 10 | < 1 | 0.14 | 10 | 1.30 | 345 | 1 |
| 00714 | 201 202 | < 0.2 | 1.18 | 2 | 240 | < 0.5 | < 2 | 0.39 | < 0.5 | 10 | 44 | 17 | 1.94 | < 10 | < 1 | 0.06 | 10 | 0.65 | 245 | 1 |
| 00715 | 201 202 | < 0.2 | 1.16 | 4 | 200 | < 0.5 | < 2 | 0.51 | < 0.5 | 8 | 43 | 11 | 1.94 | < 10 | < 1 | 0.07 | 10 | 0.67 | 345 | < 1 |
| 00716 | 201 202 | < 0.2 | 1.61 | 10 | 230 | < 0.5 | < 2 | 0.53 | < 0.5 | 12 | 60 | 32 | 3.05 | < 10 | < 1 | 0.09 | 10 | 0.97 | 365 | 1 |
| 00719 | 201 202 | < 0.2 | 1.38 | 8 | 150 | < 0.5 | < 2 | 0.42 | < 0.5 | 9 | 52 | 10 | 2.42 | < 10 | < 1 | 0.11 | < 10 | 0.85 | 250 | 1 |
| 00720 | 201 202 | < 0.2 | 1.33 | 16 | 180 | < 0.5 | < 2 | 0.46 | 0.5 | 11 | 52 | 27 | 2.64 | < 10 | < 1 | 0.10 | 20 | 0.82 | 440 | 1 |
| 00721 | 201 202 | < 0.2 | 1.26 | 18 | 210 | < 0.5 | < 2 | 0.54 | 0.5 | 9 | 50 | 27 | 2.51 | < 10 | < 1 | 0.12 | 10 | 0.80 | 305 | 1 |
| 00722 | 201 202 | < 0.2 | 1.46 | 8 | 260 | < 0.5 | < 2 | 0.36 | < 0.5 | 7 | 73 | 14 | 2.11 | < 10 | < 1 | 0.06 | 10 | 0.75 | 210 | < 1 |
| 00723 | 201 202 | < 0.2 | 1.21 | 6 | 210 | < 0.5 | < 2 | 0.57 | < 0.5 | 8 | 39 | 15 | 2.13 | < 10 | < 1 | 0.09 | 10 | 0.69 | 275 | 1 |
| 00724 | 201 202 | < 0.2 | 1.85 | 14 | 490 | 0.5 | < 2 | 0.35 | < 0.5 | 11 | 47 | 20 | 2.80 | < 10 | < 1 | 0.06 | 10 | 0.69 | 525 | 1 |
| 00725 | 201 202 | < 0.2 | 1.21 | 10 | 270 | < 0.5 | < 2 | 0.42 | < 0.5 | 6 | 37 | 10 | 1.93 | < 10 | < 1 | 0.05 | 10 | 0.58 | 170 | < 1 |
| 00726 | 201 202 | < 0.2 | 1.23 | 12 | 220 | < 0.5 | < 2 | 0.54 | < 0.5 | 8 | 42 | 18 | 2.23 | < 10 | < 1 | 0.08 | 10 | 0.73 | 315 | < 1 |
| 00727 | 201 202 | < 0.2 | 1.69 | 16 | 170 | 0.5 | < 2 | 0.31 | < 0.5 | 12 | 46 | 30 | 2.72 | < 10 | < 1 | 0.08 | 10 | 0.69 | 490 | < 1 |
| 00728 | 201 202 | 0.2 | 1.54 | 12 | 310 | < 0.5 | < 2 | 0.52 | < 0.5 | 10 | 39 | 21 | 2.55 | < 10 | < 1 | 0.16 | 10 | 0.77 | 370 | 1 |
| 00729 | 201 202 | < 0.2 | 1.38 | 12 | 230 | < 0.5 | < 2 | 0.51 | < 0.5 | 9 | 40 | 15 | 2.42 | < 10 | < 1 | 0.07 | 10 | 0.55 | 220 | < 1 |
| 00801 | 201 202 | 0.4 | 1.72 | 44 | 200 | < 0.5 | < 2 | 0.88 | 2.5 | 15 | 74 | 61 | 3.66 | < 10 | < 1 | 0.09 | 10 | 1.08 | 230 | 3 |
| 00802 | 201 202 | 0.2 | 1.36 | 18 | 260 | < 0.5 | < 2 | 0.61 | < 0.5 | 10 | 75 | 23 | 2.40 | < 10 | < 1 | 0.07 | 10 | 0.91 | 170 | 1 |
| 00803 | 201 202 | 0.2 | 1.57 | 28 | 350 | 0.5 | < 2 | 0.54 | 0.5 | 14 | 72 | 43 | 3.52 | < 10 | 1 | 0.11 | 10 | 0.80 | 380 | 1 |
| 00804 | 201 202 | < 0.2 | 0.98 | 28 | 100 | < 0.5 | < 2 | 0.42 | 0.5 | 12 | 46 | 33 | 2.41 | < 10 | < 1 | 0.07 | 10 | 0.57 | 410 | 1 |
| 00805 | 201 202 | < 0.2 | 1.12 | 90 | 300 | < 0.5 | < 2 | 0.85 | 0.5 | 12 | 47 | 31 | 3.07 | < 10 | < 1 | 0.06 | 10 | 0.66 | 555 | 1 |
| 00806 | 201 202 | < 0.2 | 1.82 | 86 | 220 | 0.5 | < 2 | 0.33 | 1.5 | 17 | 62 | 39 | 4.49 | < 10 | < 1 | 0.06 | 10 | 0.78 | 595 | 1 |
| 00807 | 201 202 | 0.2 | 1.99 | 48 | 530 | 0.5 | < 2 | 0.58 | 0.5 | 13 | 70 | 50 | 3.78 | < 10 | < 1 | 0.14 | 10 | 0.84 | 690 | 1 |
| 00808 | 201 202 | 0.2 | 1.80 | 18 | 450 | 0.5 | < 2 | 0.56 | 0.5 | 14 | 50 | 48 | 3.36 | < 10 | < 1 | 0.15 | 10 | 0.91 | 505 | 1 |
| 00809 | 201 202 | 0.2 | 1.56 | 46 | 490 | 0.5 | < 2 | 1.05 | 1.5 | 17 | 54 | 50 | 3.43 | < 10 | < 1 | 0.14 | 10 | 0.85 | 600 | 2 |
| 00810 | 201 202 | 0.2 | 1.60 | 44 | 260 | < 0.5 | < 2 | 0.52 | 0.5 | 17 | 65 | 51 | 3.70 | < 10 | < 1 | 0.11 | 20 | 0.97 | 330 | 1 |

CERTIFICATION

[Handwritten Signature]



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project : LEAGUE
 Comments:

Page 1 of 2-B
 Total Pages : 5
 Certificate Date: 27-JUN-96
 Invoice No. : 19621775
 P.O. Number :
 Account : MPO

CERTIFICATE OF ANALYSIS A9621775

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------|-----------|--------|--------|-------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| 00635 | 201 202 | < 0.01 | 33 | 1460 | 10 | < 2 | 4 | 26 | 0.05 | < 10 | < 10 | 42 | < 10 | 86 |
| 00636 | 201 202 | < 0.01 | 28 | 1070 | 8 | < 2 | 3 | 13 | 0.06 | < 10 | < 10 | 44 | < 10 | 70 |
| 00637 | 201 202 | < 0.01 | 30 | 1160 | 12 | < 2 | 4 | 17 | 0.08 | < 10 | < 10 | 47 | < 10 | 88 |
| 00701 | 201 202 | < 0.01 | 44 | 1130 | 10 | < 2 | 4 | 27 | 0.05 | < 10 | < 10 | 48 | < 10 | 88 |
| 00702 | 201 202 | < 0.01 | 46 | 980 | 10 | < 2 | 4 | 22 | 0.07 | < 10 | < 10 | 50 | < 10 | 88 |
| 00703 | 201 202 | < 0.01 | 53 | 860 | 14 | < 2 | 5 | 24 | 0.04 | < 10 | < 10 | 47 | < 10 | 98 |
| 00704 | 201 202 | < 0.01 | 48 | 1240 | 14 | < 2 | 5 | 25 | 0.11 | < 10 | < 10 | 58 | < 10 | 102 |
| 00705 | 201 202 | < 0.01 | 43 | 1160 | 12 | < 2 | 4 | 27 | 0.04 | < 10 | < 10 | 40 | < 10 | 96 |
| 00706 | 201 202 | < 0.01 | 114 | 780 | 18 | < 2 | 5 | 28 | 0.06 | < 10 | < 10 | 53 | < 10 | 116 |
| 00707 | 201 202 | < 0.01 | 130 | 1030 | 16 | < 2 | 6 | 25 | 0.08 | < 10 | < 10 | 56 | < 10 | 112 |
| 00708 | 201 202 | < 0.01 | 42 | 980 | 8 | < 2 | 2 | 23 | 0.04 | < 10 | < 10 | 34 | < 10 | 52 |
| 00709 | 201 202 | < 0.01 | 62 | 1010 | 10 | < 2 | 4 | 26 | 0.05 | < 10 | < 10 | 48 | < 10 | 68 |
| 00710 | 201 202 | 0.01 | 113 | 880 | 14 | < 2 | 5 | 41 | 0.05 | < 10 | < 10 | 55 | < 10 | 94 |
| 00711 | 201 202 | < 0.01 | 81 | 1070 | 12 | < 2 | 3 | 17 | 0.07 | < 10 | < 10 | 42 | < 10 | 74 |
| 00712 | 201 202 | < 0.01 | 71 | 950 | 14 | < 2 | 4 | 17 | 0.15 | < 10 | < 10 | 60 | < 10 | 74 |
| 00713 | 201 202 | < 0.01 | 95 | 1190 | 10 | < 2 | 4 | 19 | 0.08 | < 10 | < 10 | 49 | < 10 | 86 |
| 00714 | 201 202 | < 0.01 | 37 | 920 | 10 | < 2 | 3 | 23 | 0.05 | < 10 | < 10 | 39 | < 10 | 72 |
| 00715 | 201 202 | 0.01 | 33 | 1030 | 8 | < 2 | 3 | 25 | 0.04 | < 10 | < 10 | 36 | < 10 | 68 |
| 00716 | 201 202 | < 0.01 | 54 | 1070 | 14 | < 2 | 4 | 23 | 0.08 | < 10 | < 10 | 50 | < 10 | 112 |
| 00719 | 201 202 | < 0.01 | 23 | 950 | 12 | < 2 | 3 | 18 | 0.08 | < 10 | < 10 | 48 | < 10 | 92 |
| 00720 | 201 202 | < 0.01 | 47 | 1310 | 14 | < 2 | 4 | 23 | 0.06 | < 10 | < 10 | 46 | < 10 | 96 |
| 00721 | 201 202 | 0.01 | 41 | 1250 | 12 | < 2 | 4 | 28 | 0.07 | < 10 | < 10 | 47 | < 10 | 98 |
| 00722 | 201 202 | 0.01 | 24 | 840 | 8 | < 2 | 3 | 17 | 0.08 | < 10 | < 10 | 49 | < 10 | 56 |
| 00723 | 201 202 | < 0.01 | 28 | 1120 | 10 | < 2 | 3 | 28 | 0.05 | < 10 | < 10 | 43 | < 10 | 92 |
| 00724 | 201 202 | < 0.01 | 37 | 590 | 12 | < 2 | 4 | 18 | 0.05 | < 10 | < 10 | 57 | < 10 | 70 |
| 00725 | 201 202 | < 0.01 | 24 | 1020 | 10 | < 2 | 3 | 20 | 0.05 | < 10 | < 10 | 38 | < 10 | 48 |
| 00726 | 201 202 | < 0.01 | 28 | 1230 | 8 | < 2 | 3 | 28 | 0.05 | < 10 | < 10 | 44 | < 10 | 80 |
| 00727 | 201 202 | < 0.01 | 38 | 1030 | 16 | < 2 | 4 | 17 | 0.06 | < 10 | < 10 | 53 | < 10 | 88 |
| 00728 | 201 202 | 0.01 | 31 | 400 | 14 | < 2 | 4 | 30 | 0.05 | < 10 | < 10 | 54 | < 10 | 106 |
| 00729 | 201 202 | < 0.01 | 27 | 900 | 10 | < 2 | 3 | 23 | 0.05 | < 10 | < 10 | 45 | < 10 | 60 |
| 00801 | 201 202 | < 0.01 | 70 | 1570 | 16 | < 2 | 6 | 38 | 0.08 | < 10 | < 10 | 63 | < 10 | 206 |
| 00802 | 201 202 | < 0.01 | 49 | 1660 | 12 | < 2 | 4 | 29 | 0.05 | < 10 | < 10 | 45 | < 10 | 108 |
| 00803 | 201 202 | < 0.01 | 65 | 1330 | 12 | < 2 | 6 | 32 | 0.04 | < 10 | < 10 | 53 | < 10 | 146 |
| 00804 | 201 202 | < 0.01 | 60 | 1530 | 12 | < 2 | 3 | 20 | 0.04 | < 10 | < 10 | 33 | < 10 | 92 |
| 00805 | 201 202 | < 0.01 | 49 | 1180 | 12 | < 2 | 4 | 41 | 0.04 | < 10 | < 10 | 38 | < 10 | 114 |
| 00806 | 201 202 | < 0.01 | 50 | 1370 | 14 | < 2 | 4 | 24 | 0.04 | < 10 | < 10 | 57 | < 10 | 108 |
| 00807 | 201 202 | < 0.01 | 70 | 840 | 18 | < 2 | 6 | 33 | 0.01 | < 10 | < 10 | 55 | < 10 | 142 |
| 00808 | 201 202 | 0.01 | 53 | 940 | 20 | < 2 | 5 | 35 | 0.04 | < 10 | < 10 | 54 | < 10 | 142 |
| 00809 | 201 202 | 0.01 | 75 | 1130 | 18 | < 2 | 5 | 48 | 0.04 | < 10 | < 10 | 50 | < 10 | 148 |
| 00810 | 201 202 | < 0.01 | 67 | 1260 | 20 | < 2 | 6 | 27 | 0.07 | < 10 | < 10 | 60 | < 10 | 156 |

CERTIFICATION:

Thai D Ma



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments :

Page : 3-A
Total Pages : 5
Certificate Date : 27-JUN-96
Invoice No. : 19621775
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9621775

| SAMPLE | PREP CODE | | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
|--------|-----------|-----|-------|------|-----|-----|-------|-----|------|-------|-----|-----|-----|------|------|-----|------|-----|------|-----|-----|
| | | | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| 00811 | 201 | 202 | < 0.2 | 0.92 | 10 | 110 | < 0.5 | < 2 | 0.11 | 0.5 | 4 | 27 | 8 | 1.67 | < 10 | < 1 | 0.05 | 10 | 0.27 | 185 | < 1 |
| 00812 | 201 | 202 | < 0.2 | 1.17 | 10 | 320 | < 0.5 | < 2 | 1.38 | 0.5 | 9 | 32 | 31 | 1.96 | < 10 | < 1 | 0.09 | 20 | 0.75 | 380 | 1 |
| 00813 | 201 | 202 | < 0.2 | 1.25 | 28 | 260 | < 0.5 | < 2 | 1.16 | 0.5 | 12 | 35 | 38 | 2.49 | < 10 | < 1 | 0.11 | 10 | 0.69 | 460 | 1 |
| 00814 | 201 | 202 | 0.2 | 1.60 | 36 | 250 | < 0.5 | < 2 | 1.38 | 0.5 | 16 | 51 | 55 | 3.39 | < 10 | < 1 | 0.12 | 10 | 0.94 | 465 | 2 |
| 00815 | 201 | 202 | < 0.2 | 0.93 | 10 | 240 | < 0.5 | < 2 | 0.46 | < 0.5 | 8 | 28 | 22 | 1.81 | < 10 | < 1 | 0.06 | 10 | 0.50 | 195 | < 1 |
| 00816 | 201 | 202 | < 0.2 | 1.19 | 18 | 90 | < 0.5 | < 2 | 0.19 | 0.5 | 7 | 30 | 27 | 2.04 | < 10 | < 1 | 0.03 | 10 | 0.50 | 190 | < 1 |
| 00817 | 201 | 202 | 0.2 | 0.91 | 18 | 120 | < 0.5 | < 2 | 0.23 | 0.5 | 10 | 32 | 37 | 2.44 | < 10 | < 1 | 0.06 | 10 | 0.43 | 320 | 2 |
| 00818 | 201 | 202 | < 0.2 | 1.16 | 20 | 200 | < 0.5 | < 2 | 0.34 | < 0.5 | 12 | 34 | 33 | 2.46 | < 10 | < 1 | 0.05 | 20 | 0.60 | 560 | < 1 |
| 00819 | 201 | 202 | < 0.2 | 1.31 | 12 | 170 | < 0.5 | < 2 | 0.29 | < 0.5 | 12 | 42 | 20 | 2.58 | < 10 | < 1 | 0.07 | 10 | 0.72 | 605 | < 1 |
| 00820 | 201 | 202 | < 0.2 | 1.71 | 20 | 130 | < 0.5 | < 2 | 0.17 | 0.5 | 11 | 43 | 24 | 3.54 | < 10 | < 1 | 0.10 | 10 | 0.63 | 625 | 1 |
| 00821 | 201 | 202 | < 0.2 | 1.41 | 4 | 250 | < 0.5 | < 2 | 0.55 | < 0.5 | 8 | 36 | 16 | 2.19 | < 10 | < 1 | 0.08 | 20 | 0.72 | 250 | < 1 |
| 00822 | 201 | 202 | < 0.2 | 1.57 | 10 | 80 | < 0.5 | < 2 | 0.10 | < 0.5 | 7 | 33 | 11 | 2.97 | < 10 | < 1 | 0.04 | 10 | 0.45 | 305 | 1 |
| 00823 | 201 | 202 | < 0.2 | 1.02 | 6 | 100 | < 0.5 | < 2 | 0.18 | < 0.5 | 4 | 25 | 9 | 1.53 | < 10 | < 1 | 0.06 | 10 | 0.39 | 85 | < 1 |
| 00824 | 201 | 202 | < 0.2 | 1.07 | 8 | 90 | < 0.5 | < 2 | 0.22 | < 0.5 | 8 | 31 | 16 | 1.79 | < 10 | < 1 | 0.04 | 20 | 0.47 | 230 | < 1 |
| 00825 | 201 | 202 | 0.2 | 1.53 | 18 | 410 | < 0.5 | < 2 | 1.19 | 1.0 | 11 | 31 | 27 | 2.59 | < 10 | 1 | 0.14 | 10 | 0.69 | 945 | 1 |
| 00826 | 201 | 202 | < 0.2 | 1.24 | 26 | 270 | < 0.5 | < 2 | 0.82 | 0.5 | 9 | 29 | 23 | 2.45 | < 10 | < 1 | 0.09 | 10 | 0.59 | 230 | < 1 |
| 00827 | 201 | 202 | < 0.2 | 1.16 | 6 | 260 | < 0.5 | < 2 | 0.43 | < 0.5 | 8 | 30 | 18 | 1.90 | < 10 | < 1 | 0.06 | 20 | 0.55 | 215 | < 1 |
| 00828 | 201 | 202 | < 0.2 | 1.00 | 4 | 190 | < 0.5 | < 2 | 0.39 | < 0.5 | 4 | 24 | 3 | 1.38 | < 10 | < 1 | 0.04 | 10 | 0.44 | 215 | < 1 |
| 00829 | 201 | 202 | < 0.2 | 1.10 | 6 | 250 | < 0.5 | < 2 | 0.35 | < 0.5 | 7 | 27 | 11 | 1.68 | < 10 | < 1 | 0.04 | 20 | 0.46 | 205 | < 1 |
| 00830 | 201 | 202 | < 0.2 | 1.40 | 6 | 350 | < 0.5 | < 2 | 0.59 | < 0.5 | 8 | 29 | 16 | 2.29 | < 10 | < 1 | 0.07 | 20 | 0.57 | 400 | < 1 |
| 00831 | 201 | 202 | < 0.2 | 1.18 | 10 | 210 | 0.5 | < 2 | 0.44 | < 0.5 | 9 | 31 | 17 | 2.24 | < 10 | < 1 | 0.09 | 10 | 0.61 | 415 | 1 |
| 00832 | 201 | 202 | < 0.2 | 1.12 | 14 | 300 | < 0.5 | < 2 | 0.50 | < 0.5 | 10 | 25 | 20 | 2.09 | < 10 | < 1 | 0.05 | 10 | 0.48 | 725 | 1 |
| 00833 | 201 | 202 | < 0.2 | 0.95 | 8 | 290 | < 0.5 | < 2 | 0.87 | < 0.5 | 6 | 19 | 17 | 1.34 | < 10 | < 1 | 0.06 | 10 | 0.37 | 545 | < 1 |
| 00834 | 201 | 202 | < 0.2 | 0.96 | 12 | 200 | < 0.5 | < 2 | 0.83 | < 0.5 | 7 | 23 | 18 | 1.75 | < 10 | < 1 | 0.08 | 10 | 0.53 | 510 | 1 |
| 00835 | 201 | 202 | 0.4 | 1.39 | 14 | 310 | < 0.5 | < 2 | 0.69 | < 0.5 | 11 | 27 | 31 | 2.38 | < 10 | < 1 | 0.08 | 10 | 0.58 | 505 | 1 |
| 00836 | 201 | 202 | 0.8 | 1.75 | 20 | 410 | < 0.5 | < 2 | 0.98 | 0.5 | 9 | 30 | 40 | 2.57 | < 10 | < 1 | 0.15 | 10 | 0.64 | 390 | 1 |
| 00837 | 201 | 202 | 0.4 | 1.65 | 16 | 440 | 0.5 | < 2 | 1.18 | 0.5 | 9 | 29 | 35 | 2.46 | < 10 | < 1 | 0.14 | 10 | 0.62 | 750 | 1 |
| 00838 | 201 | 202 | < 0.2 | 1.46 | 16 | 180 | < 0.5 | < 2 | 0.24 | < 0.5 | 10 | 31 | 30 | 2.36 | < 10 | 1 | 0.08 | 30 | 0.59 | 370 | 1 |
| 00839 | 201 | 202 | 0.2 | 1.64 | 18 | 250 | < 0.5 | < 2 | 0.42 | < 0.5 | 11 | 36 | 31 | 2.68 | < 10 | < 1 | 0.11 | 20 | 0.72 | 390 | 1 |
| 00840 | 201 | 202 | < 0.2 | 1.24 | 12 | 170 | < 0.5 | < 2 | 0.38 | < 0.5 | 7 | 32 | 28 | 2.16 | < 10 | < 1 | 0.08 | 20 | 0.64 | 220 | < 1 |
| 00841 | 201 | 202 | 0.2 | 1.48 | 10 | 640 | 0.5 | < 2 | 1.13 | 1.5 | 11 | 29 | 41 | 2.22 | < 10 | < 1 | 0.08 | 10 | 0.53 | 600 | 1 |
| 00842 | 201 | 202 | < 0.2 | 1.45 | 28 | 300 | < 0.5 | < 2 | 0.42 | 1.5 | 6 | 36 | 32 | 1.77 | < 10 | < 1 | 0.09 | 10 | 0.49 | 120 | 1 |
| 00843 | 201 | 202 | < 0.2 | 1.11 | 18 | 70 | < 0.5 | < 2 | 0.10 | < 0.5 | 5 | 16 | 9 | 1.76 | < 10 | < 1 | 0.10 | 10 | 0.31 | 200 | 1 |
| 00844 | 201 | 202 | < 0.2 | 1.04 | 6 | 90 | < 0.5 | < 2 | 0.07 | < 0.5 | 5 | 17 | 10 | 1.90 | < 10 | < 1 | 0.05 | 10 | 0.17 | 460 | 1 |
| 00845 | 201 | 202 | < 0.2 | 1.80 | 24 | 70 | < 0.5 | < 2 | 0.21 | < 0.5 | 12 | 32 | 20 | 3.40 | < 10 | < 1 | 0.19 | 20 | 0.70 | 330 | 1 |
| 00846 | 201 | 202 | < 0.2 | 1.97 | 12 | 90 | 0.5 | < 2 | 0.24 | < 0.5 | 16 | 35 | 24 | 3.29 | < 10 | 1 | 0.15 | 30 | 0.74 | 400 | < 1 |
| 00847 | 201 | 202 | < 0.2 | 2.33 | 10 | 50 | < 0.5 | < 2 | 0.19 | < 0.5 | 19 | 37 | 29 | 4.06 | < 10 | < 1 | 0.07 | 20 | 0.99 | 520 | < 1 |
| 00848 | 201 | 202 | < 0.2 | 2.01 | 12 | 80 | < 0.5 | < 2 | 0.26 | < 0.5 | 16 | 46 | 28 | 3.35 | < 10 | < 1 | 0.10 | 30 | 0.83 | 380 | < 1 |
| 00849 | 201 | 202 | < 0.2 | 2.27 | 2 | 70 | < 0.5 | < 2 | 0.15 | < 0.5 | 24 | 36 | 38 | 4.20 | < 10 | < 1 | 0.07 | 40 | 0.84 | 535 | < 1 |
| 00868 | 201 | 202 | < 0.2 | 1.32 | 12 | 150 | < 0.5 | < 2 | 0.59 | < 0.5 | 9 | 34 | 13 | 2.26 | < 10 | < 1 | 0.06 | 10 | 0.67 | 350 | < 1 |

CERTIFICATION:

[Handwritten Signature]



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project: LEAGUE
 Comments:

Page : 3-B
 Total Pages : 5
 Certificate Date: 27-JUN-96
 Invoice No. : I9621775
 P.O. Number :
 Account : MPO

CERTIFICATE OF ANALYSIS

A9621775

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| 00811 | 201 202 | < 0.01 | 13 | 490 | 10 | < 2 | 1 | 10 | 0.04 | < 10 | < 10 | 37 | < 10 | 38 |
| 00812 | 201 202 | < 0.01 | 41 | 940 | 12 | < 2 | 4 | 41 | 0.04 | < 10 | < 10 | 40 | < 10 | 90 |
| 00813 | 201 202 | < 0.01 | 43 | 1010 | 10 | < 2 | 4 | 36 | 0.04 | < 10 | < 10 | 40 | < 10 | 84 |
| 00814 | 201 202 | < 0.01 | 59 | 1180 | 12 | < 2 | 6 | 42 | 0.03 | < 10 | < 10 | 56 | < 10 | 104 |
| 00815 | 201 202 | < 0.01 | 30 | 1060 | 12 | < 2 | 3 | 27 | 0.03 | < 10 | < 10 | 32 | < 10 | 82 |
| 00816 | 201 202 | < 0.01 | 34 | 760 | 10 | < 2 | 2 | 11 | 0.03 | < 10 | < 10 | 32 | < 10 | 80 |
| 00817 | 201 202 | < 0.01 | 43 | 1030 | 12 | < 2 | 3 | 20 | 0.01 | < 10 | < 10 | 28 | < 10 | 128 |
| 00818 | 201 202 | < 0.01 | 39 | 1150 | 14 | < 2 | 4 | 20 | 0.04 | < 10 | < 10 | 39 | < 10 | 78 |
| 00819 | 201 202 | < 0.01 | 38 | 500 | 12 | < 2 | 4 | 19 | 0.05 | < 10 | < 10 | 46 | < 10 | 80 |
| 00820 | 201 202 | < 0.01 | 39 | 740 | 18 | < 2 | 3 | 13 | 0.06 | < 10 | < 10 | 70 | < 10 | 108 |
| 00821 | 201 202 | < 0.01 | 24 | 1050 | 10 | < 2 | 4 | 25 | 0.08 | < 10 | < 10 | 43 | < 10 | 64 |
| 00822 | 201 202 | < 0.01 | 17 | 640 | 12 | < 2 | 3 | 7 | 0.08 | < 10 | < 10 | 66 | < 10 | 52 |
| 00823 | 201 202 | < 0.01 | 13 | 700 | 8 | < 2 | 1 | 11 | 0.04 | < 10 | < 10 | 30 | < 10 | 42 |
| 00824 | 201 202 | < 0.01 | 24 | 830 | 8 | < 2 | 3 | 14 | 0.04 | < 10 | < 10 | 34 | < 10 | 56 |
| 00825 | 201 202 | 0.01 | 28 | 1030 | 22 | < 2 | 6 | 59 | 0.06 | < 10 | < 10 | 46 | < 10 | 126 |
| 00826 | 201 202 | < 0.01 | 28 | 1130 | 14 | < 2 | 4 | 40 | 0.05 | < 10 | < 10 | 39 | < 10 | 116 |
| 00827 | 201 202 | < 0.01 | 27 | 1080 | 10 | < 2 | 4 | 24 | 0.05 | < 10 | < 10 | 37 | < 10 | 70 |
| 00828 | 201 202 | < 0.01 | 14 | 910 | 6 | < 2 | 2 | 22 | 0.03 | < 10 | < 10 | 31 | < 10 | 52 |
| 00829 | 201 202 | < 0.01 | 19 | 810 | 8 | < 2 | 3 | 20 | 0.04 | < 10 | < 10 | 36 | < 10 | 48 |
| 00830 | 201 202 | < 0.01 | 22 | 930 | 10 | < 2 | 4 | 30 | 0.05 | < 10 | < 10 | 39 | < 10 | 68 |
| 00831 | 201 202 | < 0.01 | 27 | 910 | 10 | < 2 | 4 | 26 | 0.06 | < 10 | < 10 | 37 | < 10 | 70 |
| 00832 | 201 202 | < 0.01 | 24 | 760 | 12 | < 2 | 3 | 25 | 0.04 | < 10 | < 10 | 34 | < 10 | 66 |
| 00833 | 201 202 | 0.03 | 18 | 790 | 8 | < 2 | 2 | 41 | 0.03 | < 10 | < 10 | 24 | < 10 | 50 |
| 00834 | 201 202 | < 0.01 | 17 | 760 | 12 | < 2 | 3 | 36 | 0.04 | < 10 | < 10 | 31 | < 10 | 62 |
| 00835 | 201 202 | < 0.01 | 23 | 1000 | 44 | < 2 | 3 | 36 | 0.05 | < 10 | < 10 | 36 | < 10 | 200 |
| 00836 | 201 202 | 0.01 | 24 | 1040 | 54 | < 2 | 4 | 50 | 0.05 | < 10 | < 10 | 44 | < 10 | 220 |
| 00837 | 201 202 | 0.01 | 28 | 1050 | 26 | < 2 | 4 | 64 | 0.03 | < 10 | < 10 | 44 | < 10 | 124 |
| 00838 | 201 202 | < 0.01 | 29 | 820 | 22 | < 2 | 4 | 17 | 0.06 | < 10 | < 10 | 39 | < 10 | 108 |
| 00839 | 201 202 | < 0.01 | 23 | 910 | 68 | < 2 | 4 | 23 | 0.07 | < 10 | < 10 | 47 | < 10 | 170 |
| 00840 | 201 202 | < 0.01 | 26 | 1030 | 18 | < 2 | 3 | 22 | 0.05 | < 10 | < 10 | 40 | < 10 | 102 |
| 00841 | 201 202 | < 0.01 | 37 | 870 | 24 | < 2 | 4 | 50 | 0.03 | < 10 | < 10 | 40 | < 10 | 122 |
| 00842 | 201 202 | < 0.01 | 26 | 950 | 12 | < 2 | 3 | 35 | 0.02 | < 10 | < 10 | 35 | < 10 | 148 |
| 00843 | 201 202 | < 0.01 | 9 | 500 | 10 | < 2 | 1 | 7 | 0.05 | < 10 | < 10 | 33 | < 10 | 38 |
| 00844 | 201 202 | < 0.01 | 6 | 1760 | 12 | < 2 | < 1 | 9 | < 0.01 | < 10 | < 10 | 37 | < 10 | 30 |
| 00845 | 201 202 | < 0.01 | 19 | 680 | 14 | < 2 | 4 | 10 | 0.12 | < 10 | < 10 | 60 | < 10 | 62 |
| 00846 | 201 202 | < 0.01 | 27 | 750 | 10 | < 2 | 4 | 13 | 0.10 | < 10 | < 10 | 52 | < 10 | 62 |
| 00847 | 201 202 | < 0.01 | 32 | 670 | 8 | < 2 | 4 | 11 | 0.09 | < 10 | < 10 | 58 | < 10 | 72 |
| 00848 | 201 202 | < 0.01 | 28 | 730 | 8 | < 2 | 4 | 18 | 0.11 | < 10 | < 10 | 57 | < 10 | 58 |
| 00849 | 201 202 | < 0.01 | 37 | 660 | 4 | < 2 | 4 | 14 | 0.05 | < 10 | < 10 | 41 | < 10 | 48 |
| 00868 | 201 202 | < 0.01 | 21 | 1100 | 10 | < 2 | 4 | 26 | 0.06 | < 10 | < 10 | 40 | < 10 | 84 |

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Page : 4-A
 Total Pages : 5
 Certificate Date : 27-JUN-96
 Invoice No. : 19621775
 P.O. Number :
 Account : MPO

Project : LEAGUE
 Comments :

CERTIFICATE OF ANALYSIS A9621775

| SAMPLE | PREP CODE | | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
|--------|-----------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| 00869 | 201 | 202 | < 0.2 | 1.20 | 14 | 150 | < 0.5 | < 2 | 0.31 | < 0.5 | 8 | 33 | 24 | 2.20 | < 10 | < 1 | 0.04 | 20 | 0.51 | 270 | < 1 |
| 00870 | 201 | 202 | < 0.2 | 1.79 | 24 | 80 | < 0.5 | < 2 | 0.21 | < 0.5 | 10 | 54 | 32 | 3.74 | < 10 | < 1 | 0.06 | 10 | 0.81 | 290 | < 1 |
| 00871 | 201 | 202 | < 0.2 | 1.47 | 16 | 190 | < 0.5 | < 2 | 1.36 | < 0.5 | 9 | 47 | 18 | 2.80 | < 10 | < 1 | 0.13 | 10 | 0.76 | 335 | < 1 |
| 00872 | 201 | 202 | < 0.2 | 1.30 | 26 | 110 | < 0.5 | < 2 | 0.46 | < 0.5 | 12 | 42 | 17 | 2.82 | < 10 | < 1 | 0.08 | 10 | 0.66 | 535 | < 1 |
| 00873 | 201 | 202 | < 0.2 | 1.52 | 36 | 140 | < 0.5 | < 2 | 0.56 | < 0.5 | 12 | 42 | 24 | 3.32 | < 10 | < 1 | 0.18 | 10 | 0.84 | 470 | < 1 |
| 00874 | 201 | 202 | < 0.2 | 2.37 | 56 | 220 | < 0.5 | < 2 | 0.89 | 1.0 | 19 | 85 | 63 | 4.74 | < 10 | < 1 | 0.09 | 20 | 1.52 | 755 | 2 |
| 00875 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 00876 | 201 | 202 | < 0.2 | 2.16 | 32 | 330 | < 0.5 | < 2 | 1.02 | 1.0 | 12 | 56 | 38 | 3.88 | < 10 | < 1 | 0.15 | 10 | 1.05 | 600 | 1 |
| 00877 | 201 | 202 | < 0.2 | 1.79 | 42 | 170 | < 0.5 | < 2 | 0.64 | 1.5 | 15 | 46 | 50 | 3.68 | < 10 | < 1 | 0.10 | 20 | 1.10 | 275 | 1 |
| 00878 | 201 | 202 | 0.2 | 2.12 | 44 | 330 | < 0.5 | < 2 | 1.03 | 0.5 | 19 | 50 | 48 | 5.04 | < 10 | < 1 | 0.10 | 10 | 1.13 | 615 | 3 |
| 00879 | 201 | 202 | < 0.2 | 1.83 | 44 | 190 | < 0.5 | < 2 | 0.58 | 0.5 | 19 | 55 | 58 | 4.24 | < 10 | < 1 | 0.08 | 20 | 1.03 | 275 | 2 |
| 00880 | 201 | 202 | < 0.2 | 1.80 | 28 | 210 | < 0.5 | < 2 | 0.67 | 0.5 | 18 | 60 | 52 | 4.36 | < 10 | < 1 | 0.08 | 30 | 0.97 | 780 | 1 |
| 00881 | 201 | 202 | < 0.2 | 1.21 | 16 | 110 | < 0.5 | < 2 | 0.53 | < 0.5 | 8 | 42 | 20 | 2.41 | < 10 | < 1 | 0.16 | 10 | 0.77 | 260 | < 1 |
| 00882 | 201 | 202 | < 0.2 | 2.33 | 20 | 240 | < 0.5 | < 2 | 0.28 | < 0.5 | 16 | 55 | 21 | 4.28 | < 10 | < 1 | 0.06 | 10 | 0.83 | 510 | 1 |
| 00883 | 201 | 202 | < 0.2 | 1.75 | 24 | 350 | < 0.5 | < 2 | 0.88 | 0.5 | 14 | 50 | 50 | 3.72 | < 10 | < 1 | 0.08 | 30 | 0.92 | 480 | < 1 |
| 00884 | 201 | 202 | < 0.2 | 1.74 | 34 | 90 | < 0.5 | < 2 | 0.86 | 1.0 | 17 | 49 | 45 | 4.35 | < 10 | < 1 | 0.11 | 20 | 1.05 | 495 | < 1 |
| 00885 | 201 | 202 | < 0.2 | 1.17 | 44 | 130 | < 0.5 | < 2 | 1.47 | 1.0 | 23 | 43 | 50 | 4.88 | < 10 | < 1 | 0.05 | 30 | 0.51 | 555 | < 1 |
| 00886 | 201 | 202 | 0.2 | 1.16 | 48 | 230 | < 0.5 | < 2 | 2.70 | 0.5 | 30 | 44 | 64 | 5.15 | < 10 | < 1 | 0.07 | 10 | 0.93 | 1455 | 3 |
| 00887 | 201 | 202 | 0.4 | 1.41 | 42 | 180 | < 0.5 | < 2 | 1.54 | 1.0 | 21 | 50 | 51 | 4.36 | < 10 | < 1 | 0.05 | 10 | 0.84 | 695 | 3 |
| 00888 | 201 | 202 | 0.8 | 1.38 | 32 | 190 | < 0.5 | < 2 | 0.51 | 2.0 | 9 | 30 | 145 | 3.31 | < 10 | < 1 | 0.13 | 40 | 0.74 | 335 | 1 |
| 00889 | 201 | 202 | < 0.2 | 1.40 | 36 | 220 | < 0.5 | < 2 | 0.61 | < 0.5 | 14 | 48 | 40 | 3.46 | < 10 | < 1 | 0.06 | 20 | 0.78 | 450 | 1 |
| 00890 | 201 | 202 | 0.6 | 2.28 | 16 | 100 | < 0.5 | < 2 | 0.27 | < 0.5 | 12 | 45 | 21 | 3.81 | < 10 | < 1 | 0.05 | 10 | 0.88 | 395 | 1 |
| 00891 | 201 | 202 | < 0.2 | 1.57 | 28 | 80 | < 0.5 | < 2 | 0.21 | < 0.5 | 10 | 45 | 21 | 3.64 | < 10 | < 1 | 0.03 | 10 | 0.63 | 330 | 1 |
| 00892 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 00893 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 00894 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 00895 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 00896 | 201 | 202 | < 0.2 | 1.02 | 28 | 140 | < 0.5 | < 2 | 0.19 | < 0.5 | 9 | 26 | 26 | 2.75 | < 10 | < 1 | 0.03 | 10 | 0.49 | 455 | 1 |
| 00897 | 201 | 202 | 0.2 | 1.41 | 26 | 420 | < 0.5 | < 2 | 0.33 | < 0.5 | 9 | 39 | 33 | 3.06 | < 10 | < 1 | 0.03 | 10 | 0.56 | 235 | 1 |
| 00898 | 201 | 202 | < 0.2 | 1.39 | 10 | 100 | < 0.5 | < 2 | 0.11 | < 0.5 | 4 | 27 | 5 | 2.53 | < 10 | < 1 | 0.03 | 10 | 0.48 | 115 | < 1 |
| 00899 | 201 | 202 | < 0.2 | 2.06 | 164 | 160 | < 0.5 | < 2 | 0.41 | < 0.5 | 18 | 46 | 39 | 4.47 | < 10 | < 1 | 0.15 | 40 | 1.02 | 520 | < 1 |
| 00901 | 201 | 202 | < 0.2 | 1.85 | 32 | 80 | < 0.5 | < 2 | 0.22 | < 0.5 | 8 | 37 | 48 | 3.38 | < 10 | < 1 | 0.11 | 10 | 0.85 | 260 | 1 |
| 00902 | 201 | 202 | 0.8 | 2.16 | 44 | 280 | 0.5 | < 2 | 0.70 | < 0.5 | 15 | 45 | 53 | 4.06 | < 10 | < 1 | 0.29 | 40 | 0.79 | 1470 | 3 |
| 00903 | 201 | 202 | 0.2 | 1.80 | 18 | 230 | < 0.5 | < 2 | 0.76 | < 0.5 | 9 | 47 | 41 | 3.11 | < 10 | < 1 | 0.28 | 30 | 0.88 | 280 | < 1 |
| 00904 | 201 | 202 | < 0.2 | 2.12 | 20 | 530 | 0.5 | < 2 | 1.55 | 0.5 | 12 | 35 | 70 | 3.39 | < 10 | < 1 | 0.31 | 100 | 0.64 | 685 | 1 |
| 00905 | 201 | 202 | < 0.2 | 1.92 | 12 | 230 | < 0.5 | < 2 | 0.43 | < 0.5 | 11 | 37 | 20 | 3.81 | < 10 | < 1 | 0.38 | 20 | 0.94 | 525 | 1 |
| 00906 | 201 | 202 | < 0.2 | 1.59 | 8 | 180 | < 0.5 | < 2 | 0.47 | < 0.5 | 8 | 48 | 14 | 2.61 | < 10 | < 1 | 0.17 | 10 | 0.90 | 225 | < 1 |
| 00907 | 201 | 202 | 0.6 | 1.82 | 28 | 250 | 0.5 | < 2 | 0.38 | < 0.5 | 5 | 24 | 23 | 2.04 | < 10 | < 1 | 0.13 | 30 | 0.31 | 215 | 1 |
| 00922 | 201 | 202 | < 0.2 | 0.76 | 28 | 310 | < 0.5 | < 2 | 0.85 | < 0.5 | 11 | 9 | 25 | 3.42 | < 10 | < 1 | 0.04 | 20 | 0.12 | 525 | < 1 |
| 00923 | 201 | 202 | < 0.2 | 1.43 | 86 | 130 | < 0.5 | < 2 | 0.32 | < 0.5 | 12 | 26 | 20 | 5.37 | < 10 | < 1 | 0.06 | 10 | 0.64 | 425 | 1 |

CERTIFICATION:

Jhai D Ma



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

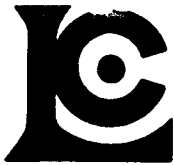
Page : 4-B
Total Pages : 5
Certificate Date: 27-JUN-96
Invoice No. : I9621775
P.O. Number :
Account : MPO

Project : LEAGUE
Comments:

CERTIFICATE OF ANALYSIS A9621775

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 00869 | 201 202 | < 0.01 | 26 | 920 | 10 | < 2 | 3 | 16 | 0.06 | < 10 | < 10 | 37 | < 10 | 46 |
| 00870 | 201 202 | < 0.01 | 35 | 780 | 16 | < 2 | 4 | 11 | 0.08 | < 10 | < 10 | 57 | < 10 | 92 |
| 00871 | 201 202 | < 0.01 | 25 | 980 | 12 | 2 | 4 | 78 | 0.05 | < 10 | < 10 | 41 | < 10 | 170 |
| 00872 | 201 202 | < 0.01 | 24 | 570 | 14 | < 2 | 3 | 24 | 0.06 | < 10 | < 10 | 49 | < 10 | 84 |
| 00873 | 201 202 | 0.01 | 25 | 930 | 10 | < 2 | 4 | 28 | 0.07 | < 10 | < 10 | 44 | < 10 | 82 |
| 00874 | 201 202 | < 0.01 | 55 | 1740 | 14 | < 2 | 8 | 36 | 0.06 | < 10 | < 10 | 93 | < 10 | 198 |
| 00875 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 00876 | 201 202 | 0.02 | 34 | 1060 | 14 | 2 | 5 | 52 | 0.06 | < 10 | < 10 | 63 | < 10 | 176 |
| 00877 | 201 202 | < 0.01 | 35 | 1460 | 18 | < 2 | 7 | 27 | 0.06 | < 10 | < 10 | 66 | < 10 | 210 |
| 00878 | 201 202 | 0.01 | 38 | 1330 | 18 | < 2 | 7 | 42 | 0.06 | < 10 | < 10 | 76 | < 10 | 218 |
| 00879 | 201 202 | < 0.01 | 45 | 1370 | 22 | < 2 | 6 | 22 | 0.07 | < 10 | < 10 | 65 | < 10 | 158 |
| 00880 | 201 202 | < 0.01 | 48 | 1530 | 12 | < 2 | 6 | 29 | 0.05 | < 10 | < 10 | 60 | < 10 | 110 |
| 00881 | 201 202 | < 0.01 | 23 | 1260 | 8 | < 2 | 4 | 21 | 0.07 | < 10 | < 10 | 45 | < 10 | 80 |
| 00882 | 201 202 | < 0.01 | 35 | 760 | 14 | < 2 | 4 | 18 | 0.05 | < 10 | < 10 | 66 | < 10 | 78 |
| 00883 | 201 202 | < 0.01 | 41 | 1380 | 14 | < 2 | 6 | 28 | 0.06 | < 10 | < 10 | 60 | < 10 | 122 |
| 00884 | 201 202 | < 0.01 | 34 | 1250 | 20 | < 2 | 6 | 29 | 0.07 | < 10 | < 10 | 64 | < 10 | 202 |
| 00885 | 201 202 | 0.01 | 55 | 1530 | 10 | < 2 | 4 | 48 | 0.02 | < 10 | < 10 | 37 | < 10 | 184 |
| 00886 | 201 202 | < 0.01 | 97 | 1430 | 16 | < 2 | 5 | 42 | 0.02 | < 10 | < 10 | 48 | < 10 | 104 |
| 00887 | 201 202 | 0.01 | 66 | 1450 | 12 | 2 | 4 | 45 | 0.01 | < 10 | < 10 | 54 | < 10 | 166 |
| 00888 | 201 202 | < 0.01 | 20 | 940 | 78 | < 2 | 3 | 22 | 0.06 | < 10 | < 10 | 40 | < 10 | 420 |
| 00889 | 201 202 | 0.01 | 34 | 1270 | 18 | < 2 | 5 | 28 | 0.05 | < 10 | < 10 | 52 | < 10 | 110 |
| 00890 | 201 202 | < 0.01 | 23 | 970 | 36 | 2 | 4 | 11 | 0.08 | < 10 | < 10 | 61 | < 10 | 146 |
| 00891 | 201 202 | < 0.01 | 30 | 1300 | 12 | 2 | 3 | 11 | 0.03 | < 10 | < 10 | 43 | < 10 | 110 |
| 00892 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 00893 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 00894 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 00895 | -- -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| 00896 | 201 202 | 0.02 | 19 | 780 | 20 | < 2 | 2 | 10 | 0.04 | < 10 | < 10 | 44 | < 10 | 86 |
| 00897 | 201 202 | < 0.01 | 30 | 1010 | 18 | < 2 | 4 | 16 | 0.03 | < 10 | < 10 | 43 | < 10 | 106 |
| 00898 | 201 202 | < 0.01 | 7 | 590 | 22 | 2 | 1 | 6 | 0.04 | < 10 | < 10 | 60 | < 10 | 50 |
| 00899 | 201 202 | < 0.01 | 35 | 1070 | 10 | < 2 | 5 | 18 | 0.04 | < 10 | < 10 | 53 | < 10 | 104 |
| 00901 | 201 202 | < 0.01 | 19 | 840 | 78 | 2 | 3 | 10 | 0.08 | < 10 | < 10 | 48 | < 10 | 288 |
| 00902 | 201 202 | < 0.01 | 19 | 1360 | 48 | < 2 | 6 | 30 | 0.07 | < 10 | 10 | 64 | < 10 | 144 |
| 00903 | 201 202 | < 0.01 | 23 | 870 | 32 | < 2 | 6 | 33 | 0.12 | < 10 | < 10 | 56 | < 10 | 134 |
| 00904 | 201 202 | < 0.01 | 18 | 1310 | 68 | < 2 | 6 | 81 | 0.08 | < 10 | 10 | 67 | < 10 | 88 |
| 00905 | 201 202 | < 0.01 | 14 | 1190 | 28 | < 2 | 4 | 19 | 0.13 | < 10 | < 10 | 57 | < 10 | 134 |
| 00906 | 201 202 | < 0.01 | 16 | 470 | 14 | 2 | 4 | 22 | 0.16 | < 10 | < 10 | 63 | < 10 | 60 |
| 00907 | 201 202 | 0.04 | 16 | 1260 | 10 | < 2 | 3 | 23 | 0.03 | < 10 | 10 | 38 | < 10 | 46 |
| 00922 | 201 202 | < 0.01 | 21 | 670 | 18 | < 2 | 3 | 39 | < 0.01 | < 10 | < 10 | 13 | < 10 | 50 |
| 00923 | 201 202 | < 0.01 | 20 | 800 | 24 | < 2 | 2 | 26 | 0.04 | < 10 | < 10 | 50 | < 10 | 76 |

CERTIFICATION: *Jhai D Ma*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project : LEAGUE
 Comments:

Page : 5-A
 Total Pages : 5
 Certificate Date: 27-JUN-96
 Invoice No. : 19621775
 P.O. Number :
 Account : MPO

CERTIFICATE OF ANALYSIS A9621775

| SAMPLE | PREP CODE | 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 | Mo ppm |
|--------|-----------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|--------|
| 00924 | 201 202 | < 0.2 | 1.39 | 62 | 110 | < 0.5 | < 2 | 0.23 | < 0.5 | 11 | 35 | 27 | 3.75 | < 10 | < 1 | 0.08 | 20 | 0.49 | 415 | 1 |
| 00925 | 201 202 | < 0.2 | 0.27 | 12 | 150 | < 0.5 | < 2 | 0.61 | < 0.5 | 3 | 3 | 6 | 1.75 | < 10 | < 1 | 0.11 | 30 | 0.08 | 370 | 1 |
| 00926 | 201 202 | 0.2 | 0.54 | 88 | 170 | < 0.5 | < 2 | 1.21 | < 0.5 | 16 | 5 | 38 | 3.99 | < 10 | < 1 | 0.08 | 20 | 0.15 | 430 | < 1 |
| 00927 | 201 202 | < 0.2 | 1.08 | 42 | 210 | < 0.5 | < 2 | 0.27 | < 0.5 | 9 | 21 | 23 | 3.16 | < 10 | < 1 | 0.09 | 40 | 0.31 | 535 | 1 |
| 00928 | 201 202 | < 0.2 | 0.37 | 76 | 170 | < 0.5 | < 2 | 1.40 | < 0.5 | 19 | 4 | 29 | 5.55 | < 10 | < 1 | 0.27 | 20 | 0.16 | 895 | 1 |
| 00929 | 201 202 | 0.2 | 0.97 | 70 | 150 | < 0.5 | < 2 | 0.75 | 0.5 | 16 | 31 | 73 | 4.64 | < 10 | < 1 | 0.11 | 30 | 0.66 | 865 | 4 |
| 00930 | 201 202 | 0.2 | 1.31 | 62 | 180 | < 0.5 | < 2 | 0.93 | < 0.5 | 14 | 38 | 59 | 3.70 | < 10 | < 1 | 0.07 | 20 | 0.63 | 390 | 1 |
| 00931 | 201 202 | 0.2 | 2.32 | 182 | 250 | < 0.5 | < 2 | 1.87 | 0.5 | 28 | 120 | 99 | 5.24 | < 10 | < 1 | 0.09 | 30 | 1.77 | 665 | 2 |
| 00932 | 201 202 | < 0.2 | 2.41 | 42 | 140 | < 0.5 | < 2 | 0.21 | < 0.5 | 14 | 53 | 14 | 3.98 | < 10 | < 1 | 0.08 | 10 | 0.91 | 420 | 1 |
| 00933 | 201 202 | < 0.2 | 2.38 | 42 | 200 | < 0.5 | < 2 | 0.54 | < 0.5 | 19 | 149 | 62 | 4.32 | < 10 | < 1 | 0.11 | 30 | 1.65 | 490 | < 1 |
| 00934 | 201 202 | < 0.2 | 2.59 | 36 | 140 | < 0.5 | < 2 | 0.36 | < 0.5 | 14 | 57 | 30 | 4.17 | < 10 | < 1 | 0.72 | 10 | 1.27 | 420 | < 1 |
| 00935 | 201 202 | < 0.2 | 0.83 | 2 | 90 | < 0.5 | < 2 | 0.10 | < 0.5 | 2 | 7 | 4 | 1.33 | < 10 | < 1 | 0.13 | < 10 | 0.22 | 135 | < 1 |
| 00936 | 201 202 | < 0.2 | 1.46 | 32 | 80 | < 0.5 | < 2 | 0.20 | < 0.5 | 6 | 30 | 10 | 2.60 | < 10 | < 1 | 0.06 | 10 | 0.84 | 285 | < 1 |
| 00937 | 201 202 | < 0.2 | 1.31 | 42 | 80 | < 0.5 | < 2 | 0.29 | < 0.5 | 6 | 30 | 12 | 2.61 | < 10 | < 1 | 0.10 | 10 | 0.74 | 520 | < 1 |
| 00938 | 201 202 | < 0.2 | 1.51 | 10 | 70 | < 0.5 | < 2 | 1.06 | < 0.5 | 12 | 22 | 35 | 2.51 | < 10 | < 1 | 0.06 | 30 | 0.57 | 365 | < 1 |
| 00939 | 201 202 | < 0.2 | 2.15 | 28 | 70 | < 0.5 | < 2 | 0.43 | < 0.5 | 19 | 49 | 42 | 4.27 | < 10 | < 1 | 0.06 | 10 | 1.08 | 565 | 1 |
| 00940 | 201 202 | 0.2 | 1.68 | 654 | 80 | 0.5 | < 2 | 1.55 | < 0.5 | 9 | 29 | 83 | 2.75 | < 10 | < 1 | 0.05 | 110 | 0.61 | 775 | < 1 |
| 00941 | 201 202 | < 0.2 | 1.91 | 216 | 70 | < 0.5 | < 2 | 0.89 | < 0.5 | 16 | 32 | 28 | 4.59 | < 10 | < 1 | 0.08 | 40 | 0.83 | 760 | < 1 |
| 00942 | 201 202 | < 0.2 | 1.59 | 210 | 40 | < 0.5 | < 2 | 0.64 | < 0.5 | 15 | 32 | 37 | 3.97 | < 10 | < 1 | 0.10 | 40 | 0.81 | 525 | < 1 |
| 00943 | 201 202 | < 0.2 | 1.81 | 14 | 80 | < 0.5 | < 2 | 1.35 | < 0.5 | 11 | 82 | 32 | 2.69 | < 10 | < 1 | 0.08 | 30 | 0.92 | 400 | < 1 |
| 00944 | 201 202 | < 0.2 | 1.79 | 20 | 80 | < 0.5 | < 2 | 0.52 | < 0.5 | 11 | 47 | 16 | 3.19 | < 10 | < 1 | 0.18 | 10 | 0.99 | 285 | < 1 |
| 00945 | 201 202 | < 0.2 | 1.46 | 14 | 100 | < 0.5 | < 2 | 1.59 | 0.5 | 11 | 55 | 22 | 2.65 | < 10 | < 1 | 0.15 | 10 | 0.83 | 400 | < 1 |
| 00951 | 201 202 | < 0.2 | 1.84 | 122 | 140 | < 0.5 | < 2 | 0.21 | < 0.5 | 16 | 40 | 28 | 4.17 | < 10 | < 1 | 0.13 | 20 | 0.80 | 575 | < 1 |
| 00952 | 201 202 | < 0.2 | 1.50 | 126 | 100 | < 0.5 | < 2 | 0.22 | < 0.5 | 10 | 31 | 19 | 2.88 | < 10 | < 1 | 0.23 | 20 | 0.62 | 275 | 1 |
| 00953 | 201 202 | < 0.2 | 1.47 | 168 | 70 | < 0.5 | < 2 | 0.27 | < 0.5 | 9 | 37 | 19 | 2.80 | < 10 | < 1 | 0.20 | 20 | 0.65 | 275 | 1 |
| 00954 | 201 202 | < 0.2 | 1.60 | 258 | 190 | 0.5 | < 2 | 0.24 | < 0.5 | 13 | 33 | 23 | 3.81 | < 10 | < 1 | 0.16 | 30 | 0.59 | 265 | < 1 |
| 00955 | 201 202 | < 0.2 | 1.34 | 52 | 150 | < 0.5 | < 2 | 0.23 | < 0.5 | 4 | 25 | 8 | 2.01 | < 10 | < 1 | 0.13 | 10 | 0.52 | 150 | < 1 |
| 00956 | 201 202 | < 0.2 | 1.45 | 192 | 100 | 0.5 | < 2 | 0.23 | < 0.5 | 9 | 33 | 17 | 2.98 | < 10 | < 1 | 0.22 | 30 | 0.57 | 290 | < 1 |
| 00957 | 201 202 | < 0.2 | 1.91 | 386 | 310 | 0.5 | < 2 | 0.29 | < 0.5 | 14 | 36 | 20 | 3.31 | < 10 | < 1 | 0.23 | 30 | 0.58 | 180 | 1 |
| 00958 | 201 202 | < 0.2 | 1.78 | 24 | 200 | 0.5 | < 2 | 0.37 | < 0.5 | 7 | 30 | 14 | 2.80 | < 10 | < 1 | 0.15 | 30 | 0.56 | 425 | 1 |
| 00959 | 201 202 | < 0.2 | 1.83 | 4 | 140 | < 0.5 | < 2 | 0.39 | < 0.5 | 11 | 41 | 20 | 2.33 | < 10 | < 1 | 0.09 | 20 | 0.85 | 260 | < 1 |
| 00960 | 201 202 | < 0.2 | 1.92 | 14 | 70 | < 0.5 | < 2 | 0.30 | < 0.5 | 13 | 48 | 18 | 3.42 | < 10 | < 1 | 0.08 | 10 | 1.00 | 430 | < 1 |
| 00961 | 201 202 | < 0.2 | 2.18 | 14 | 130 | < 0.5 | < 2 | 0.39 | < 0.5 | 15 | 59 | 31 | 3.86 | < 10 | < 1 | 0.19 | 30 | 1.15 | 665 | < 1 |
| 00962 | 201 202 | < 0.2 | 4.19 | 10 | 50 | 0.5 | < 2 | 0.44 | < 0.5 | 27 | 94 | 49 | 6.65 | < 10 | < 1 | 0.17 | 60 | 2.18 | 815 | < 1 |
| 00963 | 201 202 | < 0.2 | 2.00 | 192 | 190 | < 0.5 | < 2 | 7.66 | < 0.5 | 19 | 28 | 35 | 3.61 | < 10 | < 1 | 0.40 | 30 | 0.98 | 585 | < 1 |
| 00964 | 201 202 | 0.6 | 1.58 | 452 | 80 | < 0.5 | < 2 | 9.86 | < 0.5 | 31 | 13 | 106 | 5.64 | < 10 | < 1 | 0.25 | 10 | 0.98 | 650 | < 1 |
| 00965 | 201 202 | < 0.2 | 1.74 | 62 | 180 | < 0.5 | < 2 | 2.49 | < 0.5 | 12 | 28 | 28 | 3.06 | < 10 | < 1 | 0.31 | 10 | 0.94 | 470 | < 1 |
| 00966 | 201 202 | < 0.2 | 1.74 | 50 | 170 | < 0.5 | < 2 | 1.47 | < 0.5 | 10 | 29 | 24 | 2.86 | < 10 | < 1 | 0.34 | 10 | 1.07 | 455 | < 1 |
| 00967 | 201 202 | < 0.2 | 1.89 | 26 | 80 | < 0.5 | < 2 | 1.11 | < 0.5 | 15 | 34 | 50 | 3.64 | < 10 | < 1 | 0.10 | 30 | 1.14 | 445 | < 1 |
| 00968 | 201 202 | 0.2 | 1.42 | 30 | 50 | < 0.5 | < 2 | 8.63 | < 0.5 | 18 | 23 | 40 | 3.52 | < 10 | < 1 | 0.45 | 10 | 0.76 | 410 | < 1 |

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

o: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments:

Page er :5-B
Total Pages :5
Certificate Date: 27-JUN-96
Invoice No. : I9621775
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9621775

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| 00924 | 201 202 | < 0.01 | 29 | 810 | 18 | < 2 | 2 | 14 | 0.02 | < 10 | < 10 | 39 | < 10 | 94 |
| 00925 | 201 202 | 0.02 | 4 | 600 | 16 | < 2 | < 1 | 33 | < 0.01 | < 10 | < 10 | 5 | < 10 | 38 |
| 00926 | 201 202 | 0.01 | 23 | 680 | 10 | < 2 | 3 | 49 | < 0.01 | < 10 | < 10 | 10 | < 10 | 72 |
| 00927 | 201 202 | < 0.01 | 21 | 710 | 14 | 2 | 3 | 16 | 0.03 | < 10 | < 10 | 32 | < 10 | 62 |
| 00928 | 201 202 | < 0.01 | 11 | 1700 | 10 | < 2 | 4 | 54 | < 0.01 | < 10 | < 10 | 11 | < 10 | 68 |
| 00929 | 201 202 | < 0.01 | 39 | 1010 | 16 | < 2 | 6 | 40 | < 0.01 | < 10 | < 10 | 38 | < 10 | 120 |
| 00930 | 201 202 | 0.02 | 41 | 750 | 16 | < 2 | 5 | 49 | 0.01 | < 10 | < 10 | 40 | < 10 | 104 |
| 00931 | 201 202 | < 0.01 | 92 | 1080 | 12 | 2 | 9 | 53 | 0.01 | < 10 | < 10 | 70 | < 10 | 128 |
| 00932 | 201 202 | < 0.01 | 27 | 300 | 20 | < 2 | 3 | 17 | 0.10 | < 10 | < 10 | 49 | < 10 | 82 |
| 00933 | 201 202 | < 0.01 | 63 | 1000 | 10 | 2 | 10 | 33 | 0.12 | < 10 | < 10 | 80 | < 10 | 88 |
| 00934 | 201 202 | < 0.01 | 36 | 550 | 6 | < 2 | 3 | 30 | 0.25 | < 10 | < 10 | 53 | < 10 | 70 |
| 00935 | 201 202 | 0.01 | 4 | 570 | 2 | < 2 | < 1 | 8 | 0.05 | < 10 | < 10 | 16 | < 10 | 54 |
| 00936 | 201 202 | < 0.01 | 14 | 380 | 10 | < 2 | 1 | 16 | 0.11 | < 10 | < 10 | 43 | < 10 | 36 |
| 00937 | 201 202 | < 0.01 | 15 | 550 | 8 | < 2 | 1 | 23 | 0.10 | < 10 | < 10 | 31 | < 10 | 46 |
| 00938 | 201 202 | 0.03 | 23 | 970 | 6 | < 2 | 1 | 60 | 0.03 | < 10 | < 10 | 24 | < 10 | 48 |
| 00939 | 201 202 | < 0.01 | 37 | 760 | 10 | < 2 | 4 | 24 | 0.07 | < 10 | < 10 | 54 | < 10 | 76 |
| 00940 | 201 202 | < 0.01 | 25 | 1300 | 18 | < 2 | 4 | 114 | 0.03 | < 10 | < 10 | 29 | < 10 | 80 |
| 00941 | 201 202 | < 0.01 | 30 | 480 | 56 | < 2 | 5 | 81 | 0.07 | < 10 | < 10 | 33 | < 10 | 110 |
| 00942 | 201 202 | < 0.01 | 39 | 410 | 28 | < 2 | 5 | 60 | 0.06 | < 10 | < 10 | 31 | < 10 | 164 |
| 00943 | 201 202 | 0.04 | 36 | 470 | 8 | < 2 | 4 | 108 | 0.07 | < 10 | < 10 | 42 | < 10 | 42 |
| 00944 | 201 202 | < 0.01 | 26 | 340 | 10 | < 2 | 3 | 33 | 0.10 | < 10 | < 10 | 44 | < 10 | 54 |
| 00945 | 201 202 | 0.02 | 31 | 970 | 10 | < 2 | 3 | 153 | 0.08 | < 10 | < 10 | 41 | < 10 | 46 |
| 00951 | 201 202 | < 0.01 | 25 | 720 | 18 | 2 | 7 | 12 | 0.05 | < 10 | < 10 | 65 | < 10 | 74 |
| 00952 | 201 202 | < 0.01 | 14 | 740 | 32 | 2 | 4 | 12 | 0.07 | < 10 | < 10 | 54 | < 10 | 52 |
| 00953 | 201 202 | < 0.01 | 19 | 750 | 22 | < 2 | 3 | 15 | 0.06 | < 10 | < 10 | 48 | < 10 | 56 |
| 00954 | 201 202 | < 0.01 | 22 | 850 | 32 | < 2 | 5 | 14 | 0.05 | < 10 | < 10 | 45 | < 10 | 76 |
| 00955 | 201 202 | < 0.01 | 11 | 510 | 16 | < 2 | 1 | 13 | 0.05 | < 10 | < 10 | 36 | < 10 | 40 |
| 00956 | 201 202 | < 0.01 | 16 | 750 | 22 | 2 | 4 | 12 | 0.05 | < 10 | < 10 | 46 | < 10 | 58 |
| 00957 | 201 202 | 0.01 | 21 | 990 | 40 | < 2 | 7 | 19 | 0.02 | < 10 | < 10 | 51 | < 10 | 112 |
| 00958 | 201 202 | < 0.01 | 14 | 1040 | 12 | < 2 | 1 | 27 | 0.01 | < 10 | < 10 | 45 | < 10 | 66 |
| 00959 | 201 202 | < 0.01 | 24 | 670 | 8 | < 2 | 3 | 28 | 0.10 | < 10 | < 10 | 43 | < 10 | 70 |
| 00960 | 201 202 | < 0.01 | 26 | 490 | 6 | < 2 | 3 | 24 | 0.14 | < 10 | < 10 | 58 | < 10 | 66 |
| 00961 | 201 202 | < 0.01 | 27 | 510 | 6 | < 2 | 5 | 31 | 0.14 | < 10 | < 10 | 71 | < 10 | 76 |
| 00962 | 201 202 | < 0.01 | 63 | 900 | 6 | < 2 | 6 | 42 | < 0.01 | < 10 | < 10 | 61 | < 10 | 110 |
| 00963 | 201 202 | < 0.01 | 29 | 620 | 12 | < 2 | 4 | 360 | 0.11 | < 10 | < 10 | 46 | < 10 | 76 |
| 00964 | 201 202 | 0.01 | 23 | 1400 | 30 | < 2 | 6 | 578 | 0.04 | < 10 | < 10 | 39 | < 10 | 86 |
| 00965 | 201 202 | 0.01 | 23 | 1000 | 10 | < 2 | 3 | 156 | 0.09 | < 10 | < 10 | 45 | < 10 | 60 |
| 00966 | 201 202 | 0.01 | 21 | 950 | 8 | 2 | 3 | 87 | 0.08 | < 10 | < 10 | 38 | < 10 | 56 |
| 00967 | 201 202 | < 0.01 | 33 | 1140 | 8 | < 2 | 3 | 64 | 0.06 | < 10 | < 10 | 39 | < 10 | 78 |
| 00968 | 201 202 | < 0.01 | 39 | 700 | 166 | < 2 | 2 | 435 | 0.06 | < 10 | < 10 | 19 | < 10 | 152 |

CERTIFICATION: *Yhai D Ma*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments :

Page : 1-A
Total Pages : 3
Certificate Date : 23-JUN-96
Invoice No. : 19621350
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9621350

| SAMPLE | PREP CODE | | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
|---------|-----------|-----|-------|------|-----|-----|-------|-----|--------|-------|-----|-----|-----|------|------|-----|------|------|------|------|-----|
| | | | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| BB00501 | 201 | 202 | 0.4 | 1.55 | 110 | 190 | < 0.5 | < 2 | 0.63 | 0.5 | 37 | 31 | 103 | 7.45 | < 10 | < 1 | 0.05 | 20 | 0.69 | 835 | 2 |
| BB00502 | 201 | 202 | < 0.2 | 1.25 | 104 | 140 | < 0.5 | 2 | 0.53 | < 0.5 | 21 | 38 | 20 | 5.04 | < 10 | < 1 | 0.05 | 10 | 0.57 | 600 | 1 |
| BB00503 | 201 | 202 | < 0.2 | 1.53 | 114 | 220 | < 0.5 | < 2 | 1.07 | < 0.5 | 29 | 37 | 86 | 5.95 | < 10 | < 1 | 0.05 | 30 | 0.91 | 1435 | 1 |
| BB00504 | 201 | 202 | < 0.2 | 2.16 | 20 | 150 | 0.5 | 2 | 0.27 | < 0.5 | 14 | 56 | 27 | 3.19 | < 10 | 1 | 0.10 | 30 | 0.98 | 420 | < 1 |
| BB00505 | 201 | 202 | < 0.2 | 1.71 | 18 | 290 | < 0.5 | 2 | 0.23 | < 0.5 | 9 | 38 | 20 | 2.54 | < 10 | < 1 | 0.09 | 10 | 0.65 | 405 | < 1 |
| BB00506 | 201 | 202 | 0.4 | 1.51 | 168 | 200 | < 0.5 | < 2 | 0.52 | 1.5 | 23 | 44 | 60 | 4.80 | < 10 | < 1 | 0.13 | 30 | 0.79 | 965 | 2 |
| BB00507 | 201 | 202 | 0.2 | 1.01 | 140 | 130 | < 0.5 | < 2 | 0.48 | < 0.5 | 15 | 27 | 40 | 4.67 | < 10 | < 1 | 0.07 | 30 | 0.51 | 425 | 3 |
| BB00508 | 201 | 202 | < 0.2 | 0.50 | 24 | 110 | < 0.5 | < 2 | 0.34 | < 0.5 | 4 | 4 | 8 | 1.67 | < 10 | < 1 | 0.12 | 40 | 0.11 | 285 | < 1 |
| BB00509 | 201 | 202 | < 0.2 | 0.82 | 16 | 80 | < 0.5 | < 2 | 0.07 | < 0.5 | 3 | 2 | 6 | 1.86 | < 10 | < 1 | 0.06 | 80 | 0.12 | 205 | < 1 |
| BB00510 | 201 | 202 | < 0.2 | 0.72 | 20 | 220 | < 0.5 | < 2 | 1.30 | 0.5 | 7 | 9 | 32 | 2.31 | < 10 | < 1 | 0.08 | 30 | 0.20 | 440 | < 1 |
| BB00511 | 201 | 202 | 0.2 | 0.76 | 22 | 80 | < 0.5 | < 2 | 3.97 | 0.5 | 13 | 12 | 37 | 2.69 | < 10 | < 1 | 0.07 | 40 | 0.46 | 230 | 1 |
| BB00512 | 201 | 202 | 0.2 | 0.81 | 32 | 100 | < 0.5 | < 2 | 1.31 | 0.5 | 11 | 15 | 35 | 2.69 | < 10 | 1 | 0.09 | 10 | 0.42 | 400 | 1 |
| BB00513 | 201 | 202 | 0.2 | 1.45 | 44 | 110 | < 0.5 | 2 | 2.96 | < 0.5 | 20 | 17 | 42 | 4.07 | < 10 | 2 | 0.12 | 30 | 0.64 | 430 | 1 |
| BB00514 | 201 | 202 | 0.6 | 0.85 | 52 | 210 | < 0.5 | < 2 | 0.77 | < 0.5 | 10 | 20 | 46 | 3.16 | < 10 | < 1 | 0.16 | 30 | 0.34 | 705 | 1 |
| BB00515 | 201 | 202 | 0.4 | 0.68 | 38 | 370 | < 0.5 | < 2 | 0.39 | < 0.5 | 10 | 17 | 21 | 2.68 | < 10 | < 1 | 0.12 | 20 | 0.18 | 535 | 3 |
| BB00516 | 201 | 202 | 0.6 | 1.07 | 36 | 380 | < 0.5 | < 2 | 0.33 | < 0.5 | 6 | 19 | 16 | 2.60 | < 10 | < 1 | 0.12 | 20 | 0.18 | 375 | 2 |
| BB00517 | 201 | 202 | 0.4 | 0.60 | 64 | 520 | < 0.5 | < 2 | 0.55 | 3.0 | 14 | 13 | 20 | 3.40 | < 10 | < 1 | 0.14 | 30 | 0.15 | 575 | 3 |
| BB00518 | 201 | 202 | 2.4 | 0.77 | 34 | 180 | < 0.5 | < 2 | 0.44 | 5.0 | 29 | 18 | 58 | 3.83 | < 10 | 1 | 0.50 | 10 | 0.13 | 2500 | 1 |
| BB00519 | 201 | 202 | 6.2 | 1.16 | 70 | 310 | < 0.5 | < 2 | 0.46 | 5.5 | 9 | 15 | 44 | 3.00 | < 10 | 3 | 0.37 | 10 | 0.14 | 450 | 2 |
| BB00520 | 201 | 202 | < 0.2 | 0.72 | 10 | 230 | < 0.5 | < 2 | 0.12 | < 0.5 | 6 | 11 | 7 | 1.07 | < 10 | < 1 | 0.13 | 40 | 0.12 | 330 | 1 |
| BB00521 | 201 | 202 | < 0.2 | 1.01 | 18 | 170 | < 0.5 | < 2 | 0.23 | < 0.5 | 8 | 33 | 9 | 1.69 | < 10 | < 1 | 0.13 | 40 | 0.39 | 365 | < 1 |
| BB00522 | 201 | 202 | < 0.2 | 0.74 | 6 | 140 | < 0.5 | < 2 | 0.10 | < 0.5 | 2 | 21 | 9 | 1.11 | < 10 | < 1 | 0.06 | 10 | 0.19 | 95 | < 1 |
| BB00523 | 201 | 202 | < 0.2 | 1.23 | 12 | 100 | < 0.5 | < 2 | 0.10 | < 0.5 | 5 | 27 | 10 | 2.01 | < 10 | < 1 | 0.08 | 10 | 0.31 | 235 | 1 |
| BB00524 | 201 | 202 | < 0.2 | 0.81 | 36 | 190 | < 0.5 | < 2 | 0.34 | 0.5 | 7 | 22 | 20 | 1.63 | < 10 | < 1 | 0.34 | 30 | 0.29 | 155 | 1 |
| BB00525 | 201 | 202 | < 0.2 | 0.31 | 2 | 130 | < 0.5 | < 2 | 0.14 | < 0.5 | 1 | 5 | 4 | 0.35 | < 10 | < 1 | 0.04 | < 10 | 0.05 | 35 | < 1 |
| BB00526 | 201 | 202 | < 0.2 | 0.75 | 12 | 240 | < 0.5 | < 2 | 0.44 | < 0.5 | 5 | 17 | 9 | 1.71 | < 10 | < 1 | 0.20 | 50 | 0.24 | 640 | 1 |
| BB00527 | 201 | 202 | < 0.2 | 1.77 | 14 | 430 | < 0.5 | < 2 | 0.61 | < 0.5 | 9 | 39 | 24 | 2.64 | < 10 | < 1 | 0.11 | 10 | 0.67 | 375 | 1 |
| BB00528 | 201 | 202 | < 0.2 | 1.44 | 14 | 330 | 0.5 | < 2 | 0.32 | 0.5 | 19 | 62 | 34 | 3.06 | < 10 | < 1 | 0.27 | 30 | 0.53 | 470 | 1 |
| BB00529 | 201 | 202 | 1.2 | 1.63 | 34 | 480 | < 0.5 | < 2 | 0.23 | < 0.5 | 8 | 30 | 31 | 2.23 | < 10 | 1 | 0.09 | 10 | 0.32 | 400 | 1 |
| BB00530 | 201 | 202 | 1.6 | 1.34 | 22 | 520 | < 0.5 | < 2 | 0.51 | 0.5 | 6 | 31 | 21 | 2.02 | < 10 | < 1 | 0.09 | 10 | 0.50 | 305 | 3 |
| BB00531 | 201 | 202 | < 0.2 | 1.13 | 8 | 210 | < 0.5 | < 2 | 0.37 | < 0.5 | 6 | 33 | 16 | 1.70 | < 10 | < 1 | 0.08 | 20 | 0.57 | 220 | < 1 |
| BB00532 | 201 | 202 | < 0.2 | 1.05 | 12 | 90 | < 0.5 | < 2 | 0.22 | < 0.5 | 8 | 32 | 15 | 2.15 | < 10 | < 1 | 0.08 | 10 | 0.44 | 290 | < 1 |
| BB00542 | 201 | 202 | < 0.2 | 1.02 | 24 | 170 | < 0.5 | < 2 | 1.29 | 0.5 | 11 | 29 | 29 | 2.42 | < 10 | < 1 | 0.10 | 30 | 0.65 | 450 | < 1 |
| BB00543 | 201 | 202 | < 0.2 | 1.24 | 16 | 200 | < 0.5 | < 2 | 1.61 | < 0.5 | 11 | 34 | 33 | 2.90 | < 10 | < 1 | 0.13 | 30 | 0.72 | 505 | < 1 |
| BB00544 | 201 | 202 | 0.8 | 0.09 | 12 | 230 | < 0.5 | 2 | >15.00 | < 0.5 | 1 | 1 | 14 | 0.49 | < 10 | < 1 | 0.01 | < 10 | 0.56 | 395 | 1 |
| BB00545 | 201 | 202 | 0.2 | 0.99 | 34 | 170 | < 0.5 | < 2 | 1.41 | 0.5 | 14 | 28 | 47 | 3.36 | < 10 | < 1 | 0.11 | 20 | 0.60 | 1025 | 1 |
| BB00546 | 201 | 202 | 0.2 | 1.02 | 32 | 170 | < 0.5 | < 2 | 0.79 | 1.0 | 12 | 31 | 35 | 3.22 | < 10 | 1 | 0.10 | 20 | 0.60 | 495 | 1 |
| BB00547 | 201 | 202 | 0.6 | 0.73 | 32 | 230 | < 0.5 | < 2 | 0.54 | 4.0 | 9 | 17 | 32 | 2.67 | < 10 | < 1 | 0.06 | 20 | 0.28 | 245 | 3 |
| BB00548 | 201 | 202 | 0.2 | 0.48 | 32 | 120 | < 0.5 | < 2 | 5.41 | 1.0 | 16 | 9 | 47 | 3.09 | < 10 | < 1 | 0.06 | 20 | 0.27 | 490 | 1 |
| BB00549 | 201 | 202 | < 0.2 | 1.38 | 18 | 280 | < 0.5 | < 2 | 0.64 | 0.5 | 11 | 42 | 37 | 2.75 | < 10 | < 1 | 0.14 | 20 | 0.81 | 340 | 1 |

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project: LEAGUE
 Comments:

Page : 1-B
 Total Pages : 3
 Certificate Date: 23-JUN-96
 Invoice No. : 19621350
 P.O. Number :
 Account : MPO

CERTIFICATE OF ANALYSIS A9621350

| SAMPLE | PREP CODE | | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|---------|-----------|-----|--------|-----|------|-----|-----|-----|-----|--------|------|------|-----|------|------|
| | | | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| BB00501 | 201 | 202 | < 0.01 | 67 | 1440 | 26 | 2 | 8 | 42 | 0.03 | < 10 | < 10 | 46 | < 10 | 108 |
| BB00502 | 201 | 202 | < 0.01 | 29 | 670 | 20 | 2 | 4 | 31 | 0.03 | < 10 | < 10 | 40 | < 10 | 78 |
| BB00503 | 201 | 202 | < 0.01 | 57 | 1950 | 18 | < 2 | 8 | 50 | 0.01 | < 10 | < 10 | 60 | < 10 | 114 |
| BB00504 | 201 | 202 | < 0.01 | 35 | 630 | 20 | 2 | 4 | 19 | 0.08 | < 10 | < 10 | 44 | < 10 | 72 |
| BB00505 | 201 | 202 | 0.01 | 25 | 650 | 14 | < 2 | 3 | 17 | 0.04 | < 10 | < 10 | 41 | < 10 | 66 |
| BB00506 | 201 | 202 | < 0.01 | 52 | 1210 | 38 | < 2 | 5 | 30 | 0.04 | < 10 | < 10 | 44 | < 10 | 172 |
| BB00507 | 201 | 202 | < 0.01 | 34 | 740 | 36 | < 2 | 3 | 33 | 0.01 | < 10 | < 10 | 22 | < 10 | 144 |
| BB00508 | 201 | 202 | < 0.01 | 6 | 380 | 16 | < 2 | < 1 | 23 | < 0.01 | < 10 | < 10 | 5 | < 10 | 52 |
| BB00509 | 201 | 202 | 0.01 | 1 | 450 | 36 | < 2 | < 1 | 7 | < 0.01 | < 10 | < 10 | 4 | < 10 | 58 |
| BB00510 | 201 | 202 | < 0.01 | 16 | 660 | 28 | < 2 | 1 | 65 | < 0.01 | < 10 | < 10 | 10 | < 10 | 68 |
| BB00511 | 201 | 202 | < 0.01 | 29 | 920 | 26 | < 2 | 1 | 184 | < 0.01 | < 10 | < 10 | 10 | < 10 | 104 |
| BB00512 | 201 | 202 | 0.01 | 23 | 620 | 26 | < 2 | 2 | 61 | < 0.01 | < 10 | < 10 | 15 | < 10 | 168 |
| BB00513 | 201 | 202 | < 0.01 | 34 | 1010 | 34 | < 2 | 3 | 122 | < 0.01 | < 10 | < 10 | 18 | < 10 | 334 |
| BB00514 | 201 | 202 | < 0.01 | 28 | 1650 | 20 | < 2 | 3 | 39 | 0.01 | < 10 | < 10 | 30 | < 10 | 124 |
| BB00515 | 201 | 202 | < 0.01 | 19 | 1080 | 34 | < 2 | 2 | 41 | < 0.01 | < 10 | < 10 | 34 | < 10 | 116 |
| BB00516 | 201 | 202 | 0.01 | 11 | 1030 | 28 | 2 | 1 | 34 | < 0.01 | < 10 | < 10 | 37 | < 10 | 116 |
| BB00517 | 201 | 202 | < 0.01 | 33 | 910 | 58 | 2 | 2 | 30 | < 0.01 | < 10 | < 10 | 15 | < 10 | 452 |
| BB00518 | 201 | 202 | < 0.01 | 52 | 800 | 642 | < 2 | 4 | 18 | < 0.01 | < 10 | < 10 | 12 | < 10 | 796 |
| BB00519 | 201 | 202 | < 0.01 | 30 | 1040 | 420 | 4 | 3 | 46 | < 0.01 | < 10 | < 10 | 11 | < 10 | 1080 |
| BB00520 | 201 | 202 | < 0.01 | 9 | 550 | 28 | < 2 | < 1 | 16 | < 0.01 | < 10 | < 10 | 8 | < 10 | 40 |
| BB00521 | 201 | 202 | < 0.01 | 20 | 490 | 28 | 2 | 2 | 12 | 0.01 | < 10 | < 10 | 24 | < 10 | 112 |
| BB00522 | 201 | 202 | < 0.01 | 8 | 390 | 10 | < 2 | 1 | 9 | 0.02 | < 10 | < 10 | 27 | < 10 | 38 |
| BB00523 | 201 | 202 | < 0.01 | 15 | 790 | 18 | < 2 | 1 | 9 | 0.03 | < 10 | < 10 | 42 | < 10 | 56 |
| BB00524 | 201 | 202 | < 0.01 | 20 | 670 | 26 | 2 | 1 | 18 | 0.01 | < 10 | < 10 | 21 | < 10 | 100 |
| BB00525 | 201 | 202 | 0.05 | 3 | 940 | 2 | < 2 | < 1 | 10 | < 0.01 | < 10 | < 10 | 9 | < 10 | 8 |
| BB00526 | 201 | 202 | < 0.01 | 10 | 690 | 20 | < 2 | 1 | 22 | < 0.01 | < 10 | < 10 | 16 | < 10 | 54 |
| BB00527 | 201 | 202 | 0.01 | 30 | 770 | 20 | 2 | 4 | 35 | 0.04 | < 10 | < 10 | 55 | < 10 | 132 |
| BB00528 | 201 | 202 | < 0.01 | 65 | 450 | 22 | 2 | 4 | 17 | < 0.01 | < 10 | < 10 | 28 | < 10 | 226 |
| BB00529 | 201 | 202 | 0.03 | 16 | 1730 | 20 | 2 | 1 | 45 | 0.01 | < 10 | < 10 | 51 | < 10 | 74 |
| BB00530 | 201 | 202 | < 0.01 | 19 | 1040 | 30 | 4 | 3 | 70 | 0.02 | < 10 | < 10 | 43 | < 10 | 98 |
| BB00531 | 201 | 202 | < 0.01 | 22 | 960 | 12 | < 2 | 2 | 24 | 0.05 | < 10 | < 10 | 38 | < 10 | 66 |
| BB00532 | 201 | 202 | 0.01 | 23 | 800 | 10 | < 2 | 1 | 17 | 0.04 | < 10 | < 10 | 43 | < 10 | 54 |
| BB00542 | 201 | 202 | 0.01 | 29 | 1260 | 16 | < 2 | 3 | 48 | 0.05 | < 10 | < 10 | 34 | < 10 | 86 |
| BB00543 | 201 | 202 | < 0.01 | 33 | 1140 | 18 | < 2 | 3 | 39 | 0.05 | < 10 | < 10 | 35 | < 10 | 118 |
| BB00544 | 201 | 202 | < 0.01 | 7 | 100 | < 2 | < 2 | < 1 | 439 | < 0.01 | < 10 | < 10 | 2 | < 10 | 26 |
| BB00545 | 201 | 202 | < 0.01 | 37 | 960 | 22 | < 2 | 3 | 42 | 0.03 | < 10 | < 10 | 29 | < 10 | 154 |
| BB00546 | 201 | 202 | < 0.01 | 30 | 1060 | 22 | < 2 | 4 | 33 | 0.02 | < 10 | < 10 | 29 | < 10 | 138 |
| BB00547 | 201 | 202 | < 0.01 | 29 | 1000 | 42 | 2 | 2 | 36 | 0.01 | < 10 | < 10 | 26 | < 10 | 280 |
| BB00548 | 201 | 202 | < 0.01 | 49 | 750 | 14 | 2 | 2 | 165 | < 0.01 | < 10 | < 10 | 12 | < 10 | 170 |
| BB00549 | 201 | 202 | < 0.01 | 35 | 1160 | 18 | 2 | 4 | 36 | 0.06 | < 10 | < 10 | 47 | < 10 | 120 |

CERTIFICATION:

Robert Beckler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : LEAGUE
Comments :

Page 1 of 2-A
Total Pages : 3
Certificate Date : 23-JUN-96
Invoice No. : I9621350
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9621350

| SAMPLE | PREP CODE | | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
|---------|-----------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| BB00550 | 201 | 202 | < 0.2 | 1.25 | 24 | 250 | < 0.5 | < 2 | 0.47 | < 0.5 | 10 | 37 | 36 | 2.57 | < 10 | 1 | 0.10 | 20 | 0.68 | 515 | 1 |
| BB00551 | 201 | 202 | < 0.2 | 1.59 | 18 | 270 | < 0.5 | < 2 | 0.55 | < 0.5 | 9 | 43 | 22 | 2.54 | < 10 | 1 | 0.10 | 20 | 0.72 | 345 | < 1 |
| BB00552 | 201 | 202 | < 0.2 | 1.05 | 18 | 200 | < 0.5 | 2 | 0.51 | < 0.5 | 7 | 32 | 26 | 2.15 | < 10 | < 1 | 0.10 | 20 | 0.66 | 385 | < 1 |
| BB00553 | 201 | 202 | < 0.2 | 1.26 | 18 | 220 | < 0.5 | < 2 | 0.37 | < 0.5 | 8 | 35 | 26 | 2.25 | < 10 | < 1 | 0.09 | 30 | 0.68 | 365 | < 1 |
| BB00554 | 201 | 202 | 0.2 | 1.50 | 18 | 290 | < 0.5 | < 2 | 0.42 | 0.5 | 10 | 41 | 38 | 2.70 | < 10 | < 1 | 0.09 | 20 | 0.78 | 335 | 1 |
| BB00555 | 201 | 202 | 0.2 | 1.26 | 12 | 280 | < 0.5 | 2 | 0.41 | < 0.5 | 9 | 34 | 33 | 2.27 | < 10 | < 1 | 0.08 | 20 | 0.67 | 420 | < 1 |
| BB00556 | 201 | 202 | 0.2 | 1.26 | 18 | 150 | < 0.5 | < 2 | 0.36 | 0.5 | 8 | 34 | 40 | 2.46 | < 10 | 1 | 0.13 | 10 | 0.75 | 275 | < 1 |
| BB00557 | 201 | 202 | < 0.2 | 1.22 | 14 | 140 | < 0.5 | < 2 | 0.17 | < 0.5 | 11 | 38 | 10 | 2.63 | < 10 | 1 | 0.05 | 10 | 0.49 | 530 | < 1 |
| BB00560 | 201 | 202 | < 0.2 | 1.31 | 12 | 230 | < 0.5 | 2 | 0.35 | < 0.5 | 10 | 41 | 12 | 2.23 | < 10 | < 1 | 0.07 | 10 | 0.82 | 345 | < 1 |
| BB00561 | 201 | 202 | < 0.2 | 1.51 | 24 | 240 | < 0.5 | 2 | 0.37 | 0.5 | 12 | 53 | 31 | 2.98 | < 10 | 1 | 0.08 | 10 | 0.77 | 640 | < 1 |
| BB00576 | 201 | 202 | 0.6 | 0.95 | 12 | 550 | < 0.5 | 2 | 0.78 | 1.5 | 13 | 98 | 62 | 2.71 | < 10 | < 1 | 0.09 | 10 | 1.52 | 385 | 3 |
| BB00577 | 201 | 202 | 0.2 | 1.11 | 12 | 910 | < 0.5 | < 2 | 0.64 | 0.5 | 10 | 93 | 39 | 2.37 | < 10 | 1 | 0.07 | 10 | 1.41 | 410 | 1 |
| BB00578 | 201 | 202 | < 0.2 | 1.26 | 6 | 590 | < 0.5 | < 2 | 1.00 | < 0.5 | 11 | 64 | 24 | 2.73 | < 10 | < 1 | 0.07 | 10 | 0.98 | 265 | 3 |
| BB00579 | 201 | 202 | 0.6 | 1.41 | 10 | 750 | < 0.5 | < 2 | 1.02 | 2.5 | 15 | 67 | 93 | 2.89 | < 10 | 1 | 0.09 | 10 | 1.18 | 385 | 3 |
| BB00580 | 201 | 202 | < 0.2 | 1.25 | 12 | 1330 | < 0.5 | < 2 | 0.58 | < 0.5 | 11 | 78 | 52 | 2.43 | < 10 | < 1 | 0.08 | 10 | 1.14 | 320 | 1 |
| BB00588 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| BB00589 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| BB00590 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| BB00591 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| BB00592 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| BB00593 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| BB00594 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| BB00595 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| BB00596 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| BB00597 | -- | -- | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed | NotRed |
| BB00751 | 201 | 202 | < 0.2 | 1.32 | 4 | 310 | < 0.5 | < 2 | 0.56 | < 0.5 | 8 | 34 | 28 | 2.16 | < 10 | < 1 | 0.16 | 30 | 0.61 | 460 | 1 |
| BB00752 | 201 | 202 | < 0.2 | 1.02 | 4 | 190 | < 0.5 | < 2 | 0.27 | < 0.5 | 9 | 21 | 15 | 2.43 | < 10 | < 1 | 0.08 | 30 | 0.46 | 370 | < 1 |
| BB00753 | 201 | 202 | < 0.2 | 0.97 | 16 | 120 | < 0.5 | < 2 | 0.04 | < 0.5 | 4 | 18 | 10 | 1.89 | < 10 | < 1 | 0.13 | 50 | 0.31 | 120 | 2 |
| BB00754 | 201 | 202 | 0.6 | 1.22 | 22 | 230 | < 0.5 | < 2 | 0.44 | 0.5 | 15 | 44 | 67 | 3.83 | < 10 | < 1 | 0.06 | 30 | 0.83 | 565 | 14 |
| BB00755 | 201 | 202 | < 0.2 | 1.11 | 24 | 340 | < 0.5 | < 2 | 0.40 | < 0.5 | 11 | 70 | 33 | 2.61 | < 10 | < 1 | 0.09 | 30 | 0.91 | 290 | 4 |
| BB00756 | 201 | 202 | < 0.2 | 1.45 | 28 | 240 | < 0.5 | 2 | 0.55 | < 0.5 | 21 | 186 | 30 | 3.27 | < 10 | < 1 | 0.08 | 10 | 2.47 | 455 | < 1 |
| BB00757 | 201 | 202 | < 0.2 | 1.28 | 32 | 230 | < 0.5 | < 2 | 0.33 | < 0.5 | 20 | 195 | 22 | 3.84 | < 10 | 1 | 0.08 | 20 | 2.61 | 495 | 1 |
| BB00758 | 201 | 202 | < 0.2 | 0.88 | 6 | 280 | < 0.5 | < 2 | 0.78 | < 0.5 | 6 | 38 | 15 | 1.29 | < 10 | < 1 | 0.08 | 20 | 0.63 | 805 | < 1 |
| BB00759 | 201 | 202 | 0.2 | 1.40 | 14 | 310 | < 0.5 | < 2 | 2.40 | 0.5 | 15 | 64 | 30 | 2.88 | < 10 | < 1 | 0.12 | 20 | 1.20 | 1190 | < 1 |
| BB00760 | 201 | 202 | 0.2 | 1.08 | 18 | 410 | 0.5 | < 2 | 1.02 | 0.5 | 10 | 61 | 26 | 2.93 | < 10 | < 1 | 0.08 | 30 | 0.67 | 375 | 1 |
| BB00761 | 201 | 202 | < 0.2 | 1.76 | 26 | 190 | < 0.5 | < 2 | 0.48 | < 0.5 | 22 | 178 | 35 | 3.89 | < 10 | < 1 | 0.07 | 20 | 2.50 | 460 | 2 |
| BB00767 | 201 | 202 | 0.2 | 1.33 | 8 | 780 | < 0.5 | < 2 | 0.45 | < 0.5 | 11 | 72 | 21 | 2.43 | < 10 | < 1 | 0.07 | 10 | 0.86 | 285 | 3 |
| BB00768 | 201 | 202 | 0.2 | 1.24 | 6 | 1010 | < 0.5 | < 2 | 0.38 | < 0.5 | 8 | 71 | 44 | 2.19 | < 10 | < 1 | 0.06 | 10 | 0.83 | 185 | 1 |
| BB00769 | 201 | 202 | 0.2 | 1.15 | 6 | 660 | < 0.5 | < 2 | 0.59 | < 0.5 | 9 | 73 | 52 | 2.64 | < 10 | < 1 | 0.06 | 20 | 0.95 | 215 | 1 |
| BB00770 | 201 | 202 | < 0.2 | 1.04 | 4 | 400 | < 0.5 | < 2 | 0.61 | < 0.5 | 7 | 84 | 18 | 1.97 | < 10 | < 1 | 0.08 | 10 | 0.88 | 195 | < 1 |

CERTIFICATION: *[Signature]*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project: LEAGUE
 Comments:

Page 1 of 2-B
 Total Pages : 3
 Certificate Date: 23-JUN-96
 Invoice No. : I9621350
 P.O. Number :
 Account : MPO

CERTIFICATE OF ANALYSIS A9621350

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| BB00550 | 201 202 | < 0.01 | 31 | 1160 | 26 | < 2 | 3 | 34 | 0.06 | < 10 | < 10 | 46 | < 10 | 122 |
| BB00551 | 201 202 | < 0.01 | 24 | 1170 | 24 | < 2 | 4 | 30 | 0.06 | < 10 | < 10 | 50 | < 10 | 108 |
| BB00552 | 201 202 | < 0.01 | 24 | 1170 | 22 | < 2 | 3 | 28 | 0.06 | < 10 | < 10 | 39 | < 10 | 106 |
| BB00553 | 201 202 | < 0.01 | 26 | 1020 | 20 | 2 | 3 | 22 | 0.06 | < 10 | < 10 | 39 | < 10 | 102 |
| BB00554 | 201 202 | < 0.01 | 26 | 1010 | 66 | 2 | 3 | 20 | 0.06 | < 10 | < 10 | 46 | < 10 | 210 |
| BB00555 | 201 202 | < 0.01 | 26 | 1150 | 42 | 2 | 3 | 22 | 0.05 | < 10 | < 10 | 39 | < 10 | 170 |
| BB00556 | 201 202 | < 0.01 | 19 | 800 | 62 | < 2 | 3 | 17 | 0.06 | < 10 | < 10 | 41 | < 10 | 236 |
| BB00557 | 201 202 | < 0.01 | 20 | 780 | 16 | < 2 | 1 | 13 | 0.04 | < 10 | < 10 | 50 | < 10 | 82 |
| BB00560 | 201 202 | < 0.01 | 23 | 450 | 12 | 2 | 3 | 25 | 0.07 | < 10 | < 10 | 47 | < 10 | 78 |
| BB00561 | 201 202 | < 0.01 | 51 | 1080 | 22 | < 2 | 4 | 26 | 0.06 | < 10 | < 10 | 52 | < 10 | 82 |
| BB00576 | 201 202 | < 0.01 | 125 | 1020 | 44 | 2 | 4 | 42 | 0.02 | < 10 | < 10 | 51 | < 10 | 196 |
| BB00577 | 201 202 | 0.01 | 99 | 1300 | 12 | < 2 | 5 | 40 | 0.03 | < 10 | < 10 | 55 | < 10 | 132 |
| BB00578 | 201 202 | < 0.01 | 40 | 980 | 12 | 2 | 4 | 55 | 0.06 | < 10 | < 10 | 55 | < 10 | 94 |
| BB00579 | 201 202 | < 0.01 | 93 | 1220 | 16 | < 2 | 5 | 59 | 0.02 | < 10 | < 10 | 56 | < 10 | 224 |
| BB00580 | 201 202 | < 0.01 | 100 | 950 | 12 | 2 | 5 | 37 | 0.03 | < 10 | < 10 | 47 | < 10 | 116 |
| BB00588 | -- -- | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd |
| BB00589 | -- -- | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd |
| BB00590 | -- -- | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd |
| BB00591 | -- -- | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd |
| BB00592 | -- -- | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd |
| BB00593 | -- -- | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd |
| BB00594 | -- -- | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd |
| BB00595 | -- -- | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd |
| BB00596 | -- -- | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd |
| BB00597 | -- -- | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd | NotRcd |
| BB00751 | 201 202 | < 0.01 | 19 | 450 | 24 | < 2 | 4 | 36 | 0.03 | < 10 | < 10 | 35 | < 10 | 72 |
| BB00752 | 201 202 | < 0.01 | 19 | 400 | 14 | < 2 | 2 | 21 | 0.01 | < 10 | < 10 | 28 | < 10 | 56 |
| BB00753 | 201 202 | < 0.01 | 10 | 170 | 22 | < 2 | 1 | 9 | 0.01 | < 10 | < 10 | 26 | < 10 | 42 |
| BB00754 | 201 202 | < 0.01 | 78 | 650 | 28 | 4 | 4 | 32 | < 0.01 | < 10 | < 10 | 32 | < 10 | 190 |
| BB00755 | 201 202 | < 0.01 | 70 | 1050 | 18 | 2 | 4 | 29 | 0.03 | < 10 | < 10 | 39 | < 10 | 114 |
| BB00756 | 201 202 | < 0.01 | 202 | 750 | 16 | 2 | 5 | 35 | 0.03 | < 10 | < 10 | 49 | < 10 | 104 |
| BB00757 | 201 202 | < 0.01 | 206 | 560 | 34 | 2 | 5 | 20 | 0.03 | < 10 | < 10 | 40 | < 10 | 90 |
| BB00758 | 201 202 | 0.03 | 57 | 360 | 24 | < 2 | 1 | 38 | < 0.01 | < 10 | < 10 | 14 | < 10 | 58 |
| BB00759 | 201 202 | 0.01 | 93 | 710 | 32 | < 2 | 4 | 108 | 0.01 | < 10 | < 10 | 30 | < 10 | 128 |
| BB00760 | 201 202 | < 0.01 | 54 | 560 | 72 | < 2 | 4 | 51 | 0.01 | < 10 | < 10 | 30 | < 10 | 144 |
| BB00761 | 201 202 | < 0.01 | 204 | 1270 | 12 | 2 | 6 | 25 | 0.04 | < 10 | < 10 | 61 | < 10 | 82 |
| BB00767 | 201 202 | < 0.01 | 54 | 390 | 30 | 2 | 3 | 28 | 0.01 | < 10 | < 10 | 48 | < 10 | 90 |
| BB00768 | 201 202 | < 0.01 | 67 | 500 | 12 | < 2 | 3 | 26 | 0.02 | < 10 | < 10 | 44 | < 10 | 92 |
| BB00769 | 201 202 | < 0.01 | 74 | 940 | 12 | 2 | 4 | 40 | 0.03 | < 10 | < 10 | 41 | < 10 | 92 |
| BB00770 | 201 202 | < 0.01 | 45 | 1060 | 8 | < 2 | 3 | 33 | 0.04 | < 10 | < 10 | 45 | < 10 | 96 |

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Page : 3-A
 Total Pages : 3
 Certificate Date: 23-JUN-96
 Invoice No. : 19621350
 P.O. Number :
 Account : MPO

Project : LEAGUE
 Comments:

CERTIFICATE OF ANALYSIS A9621350

| SAMPLE | PREP CODE | | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn | Mo |
|---------|-----------|-----|-------|------|-----|------|-------|-----|------|-------|-----|-----|-----|------|------|-----|------|-----|------|------|-----|
| | | | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm | ppm |
| BB00771 | 201 | 202 | < 0.2 | 1.31 | 8 | 840 | < 0.5 | < 2 | 0.98 | 0.5 | 13 | 89 | 57 | 2.96 | < 10 | < 1 | 0.11 | 10 | 1.21 | 345 | 2 |
| BB00772 | 201 | 202 | 0.2 | 1.51 | 8 | 950 | < 0.5 | < 2 | 0.78 | < 0.5 | 10 | 80 | 32 | 2.77 | < 10 | < 1 | 0.07 | 10 | 0.93 | 265 | 2 |
| BB00773 | 201 | 202 | 0.2 | 1.37 | 10 | 710 | < 0.5 | < 2 | 1.03 | 0.5 | 18 | 116 | 58 | 3.53 | < 10 | < 1 | 0.12 | 10 | 1.51 | 425 | 3 |
| BB00774 | 201 | 202 | < 0.2 | 1.61 | 6 | 1100 | 0.5 | < 2 | 0.33 | < 0.5 | 11 | 77 | 51 | 2.88 | < 10 | < 1 | 0.08 | 10 | 0.76 | 315 | 3 |
| BB00775 | 201 | 202 | 0.2 | 1.03 | 10 | 540 | < 0.5 | < 2 | 0.51 | < 0.5 | 11 | 68 | 48 | 2.50 | < 10 | < 1 | 0.08 | 10 | 1.00 | 360 | 3 |
| BB00776 | 201 | 202 | 0.6 | 1.11 | 8 | 590 | < 0.5 | < 2 | 0.75 | 0.5 | 13 | 66 | 49 | 2.63 | < 10 | 1 | 0.06 | 10 | 0.99 | 415 | 3 |
| BB00777 | 201 | 202 | 0.6 | 1.39 | 14 | 530 | < 0.5 | < 2 | 0.79 | 2.5 | 16 | 66 | 105 | 3.23 | < 10 | < 1 | 0.10 | 10 | 1.29 | 465 | 6 |
| BB00920 | 201 | 202 | < 0.2 | 1.62 | 6 | 460 | < 0.5 | < 2 | 0.60 | < 0.5 | 15 | 69 | 73 | 3.53 | < 10 | < 1 | 0.08 | 10 | 1.41 | 215 | 4 |
| BB00921 | 201 | 202 | < 0.2 | 0.80 | 18 | 540 | < 0.5 | < 2 | 0.88 | 0.5 | 13 | 72 | 51 | 2.95 | < 10 | < 1 | 0.08 | 10 | 0.98 | 335 | 3 |
| T 6084 | 201 | 202 | 0.8 | 1.97 | 16 | 230 | < 0.5 | < 2 | 0.75 | 2.0 | 21 | 71 | 83 | 4.35 | < 10 | < 1 | 0.10 | 10 | 1.15 | 605 | 11 |
| T 6085 | 201 | 202 | < 0.2 | 1.92 | 30 | 210 | 0.5 | < 2 | 0.65 | < 0.5 | 13 | 59 | 36 | 3.32 | < 10 | < 1 | 0.15 | 10 | 1.06 | 230 | 3 |
| T 6086 | 201 | 202 | < 0.2 | 1.75 | 14 | 290 | < 0.5 | < 2 | 0.52 | < 0.5 | 12 | 54 | 35 | 3.24 | < 10 | < 1 | 0.14 | 20 | 1.04 | 340 | 4 |
| T 6087 | 201 | 202 | < 0.2 | 2.02 | 6 | 210 | < 0.5 | < 2 | 0.16 | < 0.5 | 11 | 58 | 27 | 2.93 | < 10 | < 1 | 0.12 | 10 | 0.77 | 330 | 3 |
| T 6088 | 201 | 202 | 3.4 | 1.12 | 30 | 210 | 0.5 | < 2 | 0.46 | 2.5 | 10 | 20 | 71 | 3.63 | < 10 | 1 | 0.10 | 40 | 0.72 | 1295 | 6 |
| T 6089 | 201 | 202 | < 0.2 | 1.54 | 6 | 240 | 0.5 | < 2 | 0.31 | < 0.5 | 12 | 34 | 34 | 2.29 | < 10 | < 1 | 0.18 | 40 | 0.99 | 270 | 1 |
| T 6090 | 201 | 202 | 0.2 | 1.72 | 30 | 160 | < 0.5 | < 2 | 0.33 | 0.5 | 18 | 45 | 55 | 3.26 | < 10 | < 1 | 0.13 | 30 | 1.39 | 705 | 5 |
| T 6091 | 201 | 202 | < 0.2 | 1.69 | 16 | 210 | 0.5 | < 2 | 0.19 | < 0.5 | 13 | 45 | 27 | 2.75 | < 10 | < 1 | 0.10 | 10 | 0.67 | 445 | 1 |
| T 6092 | 201 | 202 | < 0.2 | 1.62 | 6 | 310 | 0.5 | < 2 | 0.96 | < 0.5 | 10 | 45 | 21 | 2.34 | < 10 | < 1 | 0.11 | 10 | 0.86 | 215 | 1 |
| T 6093 | 201 | 202 | 0.2 | 2.05 | 22 | 400 | 0.5 | < 2 | 0.14 | 0.5 | 16 | 71 | 22 | 4.85 | < 10 | < 1 | 0.09 | 10 | 0.74 | 575 | 3 |

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Project : LEAGUE
 Comments:

Page : 3-B
 Total Pages : 3
 Certificate Date: 23-JUN-96
 Invoice No. : 19621350
 P.O. Number :
 Account : MPO

CERTIFICATE OF ANALYSIS

A9621350

| SAMPLE | PREP CODE | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---------|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| BB00771 | 201 202 | 0.01 | 103 | 1150 | 8 | 2 | 5 | 45 | 0.04 | < 10 | < 10 | 59 | < 10 | 190 |
| BB00772 | 201 202 | < 0.01 | 68 | 760 | 12 | 2 | 4 | 36 | 0.03 | < 10 | < 10 | 53 | < 10 | 104 |
| BB00773 | 201 202 | < 0.01 | 143 | 1280 | 8 | 2 | 5 | 52 | 0.04 | < 10 | < 10 | 53 | < 10 | 136 |
| BB00774 | 201 202 | < 0.01 | 68 | 470 | 12 | < 2 | 4 | 28 | 0.01 | < 10 | < 10 | 57 | < 10 | 114 |
| BB00775 | 201 202 | < 0.01 | 94 | 950 | 8 | < 2 | 4 | 41 | 0.03 | < 10 | < 10 | 47 | < 10 | 160 |
| BB00776 | 201 202 | < 0.01 | 75 | 960 | 10 | < 2 | 4 | 47 | 0.02 | < 10 | < 10 | 50 | < 10 | 146 |
| BB00777 | 201 202 | < 0.01 | 99 | 1230 | 12 | < 2 | 5 | 53 | 0.01 | < 10 | < 10 | 57 | < 10 | 280 |
| BB00920 | 201 202 | < 0.01 | 64 | 1150 | 10 | 2 | 4 | 41 | 0.01 | < 10 | < 10 | 54 | < 10 | 148 |
| BB00921 | 201 202 | 0.01 | 74 | 850 | 10 | < 2 | 3 | 51 | 0.01 | < 10 | < 10 | 35 | < 10 | 124 |
| T 6084 | 201 202 | < 0.01 | 95 | 1180 | 12 | < 2 | 6 | 50 | 0.04 | < 10 | < 10 | 56 | < 10 | 206 |
| T 6085 | 201 202 | 0.01 | 40 | 1000 | 18 | 2 | 5 | 39 | 0.09 | < 10 | < 10 | 65 | < 10 | 192 |
| T 6086 | 201 202 | 0.01 | 39 | 1100 | 16 | 2 | 4 | 34 | 0.07 | < 10 | < 10 | 56 | < 10 | 122 |
| T 6087 | 201 202 | < 0.01 | 40 | 490 | 12 | 2 | 3 | 16 | 0.04 | < 10 | < 10 | 62 | < 10 | 120 |
| T 6088 | 201 202 | < 0.01 | 21 | 550 | 1935 | < 2 | 1 | 33 | < 0.01 | < 10 | < 10 | 15 | < 10 | 1175 |
| T 6089 | 201 202 | < 0.01 | 27 | 710 | 78 | < 2 | 3 | 17 | < 0.01 | < 10 | < 10 | 20 | < 10 | 150 |
| T 6090 | 201 202 | < 0.01 | 44 | 870 | 108 | 2 | 4 | 19 | < 0.01 | < 10 | < 10 | 31 | < 10 | 178 |
| T 6091 | 201 202 | < 0.01 | 39 | 600 | 20 | < 2 | 3 | 14 | 0.03 | < 10 | < 10 | 53 | < 10 | 116 |
| T 6092 | 201 202 | 0.01 | 32 | 850 | 18 | < 2 | 4 | 49 | 0.06 | < 10 | < 10 | 49 | < 10 | 88 |
| T 6093 | 201 202 | < 0.01 | 35 | 490 | 32 | < 2 | 4 | 10 | 0.06 | < 10 | < 10 | 93 | < 10 | 120 |

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

o: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Page 1 of 4
Total Pages : 4
Certificate Date: 14-MAR-96
Invoice No. : I9613607
P.O. Number :
Account : MPO

Project : FP-LEAGUE
Comments:

CERTIFICATE OF ANALYSIS A9613607

| SAMPLE | PREP CODE | Au ppb FA+AA | | | | | | | | | | |
|--------|-----------|--------------|--|--|--|--|--|--|--|--|--|--|
| AA0007 | 244 -- | < 5 | | | | | | | | | | |
| AA0008 | 244 -- | < 5 | | | | | | | | | | |
| AA0009 | 244 -- | < 5 | | | | | | | | | | |
| AA0010 | 244 -- | < 5 | | | | | | | | | | |
| AA0011 | 244 -- | < 5 | | | | | | | | | | |
| AA0012 | 244 -- | < 5 | | | | | | | | | | |
| AA0013 | 244 -- | < 5 | | | | | | | | | | |
| AA0014 | 244 -- | < 5 | | | | | | | | | | |
| AA0015 | 244 -- | < 5 | | | | | | | | | | |
| AA0016 | 244 -- | < 5 | | | | | | | | | | |
| AA0017 | 244 -- | < 5 | | | | | | | | | | |
| AA0018 | 244 -- | < 5 | | | | | | | | | | |
| AA0019 | 244 -- | < 5 | | | | | | | | | | |
| AA0020 | 244 -- | < 5 | | | | | | | | | | |
| AA0021 | 244 -- | < 5 | | | | | | | | | | |
| AA0022 | 244 -- | < 5 | | | | | | | | | | |
| AA0023 | 244 -- | < 5 | | | | | | | | | | |
| AA0024 | 244 -- | < 5 | | | | | | | | | | |
| AA0025 | 244 -- | < 5 | | | | | | | | | | |
| AA0026 | 244 -- | < 5 | | | | | | | | | | |
| AA0027 | 244 -- | < 5 | | | | | | | | | | |
| AA0028 | 244 -- | < 5 | | | | | | | | | | |
| AA0029 | 244 -- | < 5 | | | | | | | | | | |
| AA0030 | 244 -- | < 5 | | | | | | | | | | |
| AA0031 | 244 -- | < 5 | | | | | | | | | | |
| AA0032 | 244 -- | < 5 | | | | | | | | | | |
| AA0033 | 244 -- | < 5 | | | | | | | | | | |
| AA0034 | 244 -- | < 5 | | | | | | | | | | |
| AA0035 | 244 -- | < 5 | | | | | | | | | | |
| AA0036 | 244 -- | < 5 | | | | | | | | | | |
| AA0037 | 244 -- | < 5 | | | | | | | | | | |
| AA0038 | 244 -- | < 5 | | | | | | | | | | |
| AA0039 | 244 -- | < 5 | | | | | | | | | | |
| AA0040 | 244 -- | < 5 | | | | | | | | | | |
| AA0041 | 244 -- | < 5 | | | | | | | | | | |
| AA0042 | 244 -- | < 5 | | | | | | | | | | |
| AA0043 | 244 -- | < 5 | | | | | | | | | | |
| AA0044 | 244 -- | < 5 | | | | | | | | | | |
| AA0045 | 244 -- | < 5 | | | | | | | | | | |
| AA0046 | 244 -- | < 5 | | | | | | | | | | |

CERTIFICATION: *Frank Vank*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

o: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : FP-LEAGUE
Comments:

Page 1 of 2
Total Pages : 4
Certificate Date: 14-MAR-96
Invoice No. : 19613607
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9613607

| SAMPLE | PREP CODE | Au ppb FA+AA | | | | | | | | | | |
|--------|-----------|--------------|--|--|--|--|--|--|--|--|--|--|
| AA0047 | 244 -- | < 5 | | | | | | | | | | |
| AA0048 | 244 -- | < 5 | | | | | | | | | | |
| AA0049 | 244 -- | < 5 | | | | | | | | | | |
| AA0050 | 244 -- | < 5 | | | | | | | | | | |
| AA0051 | 244 -- | < 5 | | | | | | | | | | |
| AA0052 | 244 -- | < 5 | | | | | | | | | | |
| AA0053 | 244 -- | < 5 | | | | | | | | | | |
| AA0054 | 244 -- | < 5 | | | | | | | | | | |
| AA0055 | 244 -- | < 5 | | | | | | | | | | |
| AA0056 | 244 -- | < 5 | | | | | | | | | | |
| AA0057 | 244 -- | < 5 | | | | | | | | | | |
| AA0058 | 244 -- | < 5 | | | | | | | | | | |
| AA0059 | 244 -- | < 5 | | | | | | | | | | |
| AA0060 | 244 -- | < 5 | | | | | | | | | | |
| AA0061 | 244 -- | < 5 | | | | | | | | | | |
| AA0062 | 244 -- | < 5 | | | | | | | | | | |
| AA0063 | 244 -- | < 5 | | | | | | | | | | |
| AA0064 | 244 -- | < 5 | | | | | | | | | | |
| AA0065 | 244 -- | < 5 | | | | | | | | | | |
| AA0066 | 244 -- | < 5 | | | | | | | | | | |
| AA0067 | 244 -- | < 5 | | | | | | | | | | |
| AA0068 | 244 -- | < 5 | | | | | | | | | | |
| AA0069 | 244 -- | < 5 | | | | | | | | | | |
| AA0070 | 244 -- | < 5 | | | | | | | | | | |
| AA0071 | 244 -- | < 5 | | | | | | | | | | |
| AA0072 | 244 -- | < 5 | | | | | | | | | | |
| AA0073 | 244 -- | < 5 | | | | | | | | | | |
| AA0074 | 244 -- | < 5 | | | | | | | | | | |
| AA0075 | 244 -- | < 5 | | | | | | | | | | |
| AA0076 | 244 -- | < 5 | | | | | | | | | | |
| AA0077 | 244 -- | < 5 | | | | | | | | | | |
| AA0078 | 244 -- | < 5 | | | | | | | | | | |
| AA0079 | 244 -- | < 5 | | | | | | | | | | |
| AA0080 | 244 -- | < 5 | | | | | | | | | | |
| AA0081 | 244 -- | < 5 | | | | | | | | | | |
| AA0082 | 244 -- | 35 | | | | | | | | | | |
| AA0083 | 244 -- | 30 | | | | | | | | | | |
| AA0084 | 244 -- | < 5 | | | | | | | | | | |
| AA0085 | 244 -- | < 5 | | | | | | | | | | |
| AA0086 | 244 -- | < 5 | | | | | | | | | | |

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

Client: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: FP-LEAGUE
Comments:

Page Number: 3
Total Pages: 4
Certificate Date: 14-MAR-96
Invoice No.: I9613607
P.O. Number:
Account: MPO

CERTIFICATE OF ANALYSIS A9613607

| SAMPLE | PREP CODE | Au ppb
FA+AA | | | | | | | | | | |
|--------|-----------|-----------------|--|--|--|--|--|--|--|--|--|--|
| AA0087 | 244 -- | 310 | | | | | | | | | | |
| AA0088 | 244 -- | 60 | | | | | | | | | | |
| AA0089 | 244 -- | < 5 | | | | | | | | | | |
| AA0090 | 244 -- | < 5 | | | | | | | | | | |
| AA0091 | 244 -- | < 5 | | | | | | | | | | |
| AA0092 | 244 -- | 65 | | | | | | | | | | |
| AA0093 | 244 -- | 20 | | | | | | | | | | |
| AA0094 | 244 -- | 45 | | | | | | | | | | |
| AA0095 | 244 -- | 5 | | | | | | | | | | |
| AA0096 | 244 -- | < 5 | | | | | | | | | | |
| AA0097 | 244 -- | < 5 | | | | | | | | | | |
| AA0098 | 244 -- | < 5 | | | | | | | | | | |
| AA0099 | 244 -- | 35 | | | | | | | | | | |
| AA0100 | 244 -- | < 5 | | | | | | | | | | |
| AA0101 | 244 -- | < 5 | | | | | | | | | | |
| AA0102 | 244 -- | < 5 | | | | | | | | | | |
| AA0103 | 244 -- | < 5 | | | | | | | | | | |
| AA0104 | 244 -- | 70 | | | | | | | | | | |
| AA0105 | 244 -- | 30 | | | | | | | | | | |
| AA0106 | 244 -- | 90 | | | | | | | | | | |
| AA0107 | 244 -- | 25 | | | | | | | | | | |
| AA0108 | 244 -- | 10 | | | | | | | | | | |
| AA0109 | 244 -- | 45 | | | | | | | | | | |
| AA0110 | 244 -- | 10 | | | | | | | | | | |
| AA0111 | 244 -- | < 5 | | | | | | | | | | |
| AA0112 | 244 -- | < 5 | | | | | | | | | | |
| AA0113 | 244 -- | < 5 | | | | | | | | | | |
| AA0114 | 244 -- | < 5 | | | | | | | | | | |
| AA0115 | 244 -- | < 5 | | | | | | | | | | |
| AA0116 | 244 -- | < 5 | | | | | | | | | | |
| AA0117 | 244 -- | < 5 | | | | | | | | | | |
| AA0118 | 244 -- | < 5 | | | | | | | | | | |
| AA0119 | 244 -- | < 5 | | | | | | | | | | |
| AA0120 | 244 -- | < 5 | | | | | | | | | | |
| AA0121 | 244 -- | < 5 | | | | | | | | | | |
| AA0122 | 244 -- | < 5 | | | | | | | | | | |
| AA0123 | 244 -- | < 5 | | | | | | | | | | |
| AA0124 | 244 -- | < 5 | | | | | | | | | | |
| AA0125 | 244 -- | < 5 | | | | | | | | | | |
| AA0126 | 244 -- | < 5 | | | | | | | | | | |

CERTIFICATION: Thak Vankh



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : FP-LEAGUE
Comments:

Page 1 of 4
Total Pages : 4
Certificate Date: 14-MAR-96
Invoice No. : I9613607
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9613607

| SAMPLE | PREP CODE | Au ppb FA+AA | | | | | | | | | | |
|--------|-----------|--------------|--|--|--|--|--|--|--|--|--|--|
| AA0127 | 244 --- | < 5 | | | | | | | | | | |
| AA0128 | 244 --- | < 5 | | | | | | | | | | |
| AA0129 | 244 --- | < 5 | | | | | | | | | | |
| AA0130 | 244 --- | < 5 | | | | | | | | | | |
| AA0131 | 244 --- | < 5 | | | | | | | | | | |
| AA0132 | 244 --- | < 5 | | | | | | | | | | |
| AA0133 | 244 --- | < 5 | | | | | | | | | | |
| AA0134 | 244 --- | < 5 | | | | | | | | | | |
| AA0135 | 244 --- | < 5 | | | | | | | | | | |
| AA0136 | 244 --- | < 5 | | | | | | | | | | |
| AA0137 | 244 --- | < 5 | | | | | | | | | | |
| AA0138 | 244 --- | < 5 | | | | | | | | | | |
| AA0139 | 244 --- | < 5 | | | | | | | | | | |
| AA0140 | 244 --- | < 5 | | | | | | | | | | |
| AA0141 | 244 --- | < 5 | | | | | | | | | | |
| AA0142 | 244 --- | < 5 | | | | | | | | | | |
| AA0143 | 244 --- | < 5 | | | | | | | | | | |
| AA0144 | 244 --- | < 5 | | | | | | | | | | |
| AA0145 | 244 --- | < 5 | | | | | | | | | | |

CERTIFICATION: 



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : FP-LEAGUE
Comments:

Page 1 of 1
Total Pages : 4
Certificate Date: 14-MAR-96
Invoice No. : I9613605
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9613605

| SAMPLE | PREP CODE | Au ppb
FA+AA | | | | | | | | | | |
|--------|-----------|-----------------|--|--|--|--|--|--|--|--|--|--|
| AA0146 | 244 --- | < 5 | | | | | | | | | | |
| AA0147 | 244 --- | < 5 | | | | | | | | | | |
| AA0148 | 244 --- | < 5 | | | | | | | | | | |
| AA0150 | 244 --- | < 5 | | | | | | | | | | |
| AA0151 | 244 --- | < 5 | | | | | | | | | | |
| AA0152 | 244 --- | < 5 | | | | | | | | | | |
| AA0153 | 244 --- | < 5 | | | | | | | | | | |
| AA0154 | 244 --- | < 5 | | | | | | | | | | |
| AA0155 | 244 --- | < 5 | | | | | | | | | | |
| AA0156 | 244 --- | < 5 | | | | | | | | | | |
| AA0157 | 244 --- | < 5 | | | | | | | | | | |
| AA0158 | 244 --- | < 5 | | | | | | | | | | |
| AA0159 | 244 --- | < 5 | | | | | | | | | | |
| AA0160 | 244 --- | < 5 | | | | | | | | | | |
| AA0161 | 244 --- | < 5 | | | | | | | | | | |
| AA0162 | 244 --- | < 5 | | | | | | | | | | |
| AA0163 | 244 --- | < 5 | | | | | | | | | | |
| AA0164 | 244 --- | < 5 | | | | | | | | | | |
| AA0165 | 244 --- | < 5 | | | | | | | | | | |
| AA0166 | 244 --- | < 5 | | | | | | | | | | |
| AA0167 | 244 --- | < 5 | | | | | | | | | | |
| AA0168 | 244 --- | < 5 | | | | | | | | | | |
| AA0169 | 244 --- | < 5 | | | | | | | | | | |
| AA0170 | 244 --- | < 5 | | | | | | | | | | |
| AA0171 | 244 --- | 25 | | | | | | | | | | |
| AA0172 | 244 --- | < 5 | | | | | | | | | | |
| AA0173 | 244 --- | < 5 | | | | | | | | | | |
| AA0174 | 244 --- | < 5 | | | | | | | | | | |
| AA0175 | 244 --- | < 5 | | | | | | | | | | |
| AA0176 | 244 --- | < 5 | | | | | | | | | | |
| AA0177 | 244 --- | < 5 | | | | | | | | | | |
| AA0178 | 244 --- | < 5 | | | | | | | | | | |
| AA0179 | 244 --- | < 5 | | | | | | | | | | |
| AA0180 | 244 --- | < 5 | | | | | | | | | | |
| AA0181 | 244 --- | 185 | | | | | | | | | | |
| AA0182 | 244 --- | < 5 | | | | | | | | | | |
| AA0183 | 244 --- | < 5 | | | | | | | | | | |
| AA0184 | 244 --- | < 5 | | | | | | | | | | |
| AA0185 | 244 --- | < 5 | | | | | | | | | | |
| AA0186 | 244 --- | < 5 | | | | | | | | | | |

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

o: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Page 1 of 2
Total Pages : 4
Certificate Date: 14-MAR-96
Invoice No. : 19613605
P.O. Number :
Account : MPO

Project : FP-LEAGUE
Comments:

CERTIFICATE OF ANALYSIS A9613605

| SAMPLE | PREP CODE | Au ppb FA+AA | | | | | | | | | | |
|--------|-----------|--------------|--|--|--|--|--|--|--|--|--|--|
| AA0187 | 244 -- | < 5 | | | | | | | | | | |
| AA0188 | 244 -- | < 5 | | | | | | | | | | |
| AA0189 | 244 -- | < 5 | | | | | | | | | | |
| AA0190 | 244 -- | < 5 | | | | | | | | | | |
| AA0191 | 244 -- | < 5 | | | | | | | | | | |
| AA0192 | 244 -- | < 5 | | | | | | | | | | |
| AA0193 | 244 -- | < 5 | | | | | | | | | | |
| AA0194 | 244 -- | < 5 | | | | | | | | | | |
| AA0195 | 244 -- | < 5 | | | | | | | | | | |
| AA0196 | 244 -- | < 5 | | | | | | | | | | |
| AA0197 | 244 -- | < 5 | | | | | | | | | | |
| AA0198 | 244 -- | < 5 | | | | | | | | | | |
| AA0199 | 244 -- | < 5 | | | | | | | | | | |
| AA0200 | 244 -- | < 5 | | | | | | | | | | |
| AA0201 | 244 -- | < 5 | | | | | | | | | | |
| AA0202 | 244 -- | < 5 | | | | | | | | | | |
| AA0203 | 244 -- | < 5 | | | | | | | | | | |
| AA0204 | 244 -- | < 5 | | | | | | | | | | |
| AA0205 | 244 -- | < 5 | | | | | | | | | | |
| AA0206 | 244 -- | < 5 | | | | | | | | | | |
| AA0207 | 244 -- | < 5 | | | | | | | | | | |
| AA0208 | 244 -- | < 5 | | | | | | | | | | |
| AA0209 | 244 -- | < 5 | | | | | | | | | | |
| AA0210 | 244 -- | < 5 | | | | | | | | | | |
| AA0211 | 244 -- | < 5 | | | | | | | | | | |
| AA0212 | 244 -- | < 5 | | | | | | | | | | |
| AA0213 | 244 -- | < 5 | | | | | | | | | | |
| AA0214 | 244 -- | < 5 | | | | | | | | | | |
| AA0215 | 244 -- | < 5 | | | | | | | | | | |
| AA0216 | 244 -- | < 5 | | | | | | | | | | |
| AA0217 | 244 -- | < 5 | | | | | | | | | | |
| AA0218 | 244 -- | < 5 | | | | | | | | | | |
| AA0219 | 244 -- | < 5 | | | | | | | | | | |
| AA0220 | 244 -- | < 5 | | | | | | | | | | |
| AA0221 | 244 -- | < 5 | | | | | | | | | | |
| AA0222 | 244 -- | < 5 | | | | | | | | | | |
| AA0223 | 244 -- | < 5 | | | | | | | | | | |
| AA0224 | 244 -- | < 5 | | | | | | | | | | |
| AA0225 | 244 -- | < 5 | | | | | | | | | | |
| AA0226 | 244 -- | < 5 | | | | | | | | | | |

CERTIFICATION:

Theresa Vonk



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

o: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Page 1 of 3
Total Pages : 4
Certificate Date: 14-MAR-96
Invoice No. : 19613605
P.O. Number :
Account : MPO

Project : FP-LEAGUE
Comments:

CERTIFICATE OF ANALYSIS A9613605

| SAMPLE | PREP CODE | Au ppb FA+AA | | | | | | | | | | |
|--------|-----------|--------------|--|--|--|--|--|--|--|--|--|--|
| AA0227 | 244 -- | < 5 | | | | | | | | | | |
| AA0228 | 244 -- | < 5 | | | | | | | | | | |
| AA0229 | 244 -- | < 5 | | | | | | | | | | |
| AA0230 | 244 -- | < 5 | | | | | | | | | | |
| AA0231 | 244 -- | < 5 | | | | | | | | | | |
| AA0232 | 244 -- | < 5 | | | | | | | | | | |
| AA0233 | 244 -- | < 5 | | | | | | | | | | |
| AA0234 | 244 -- | < 5 | | | | | | | | | | |
| AA0235 | 244 -- | < 5 | | | | | | | | | | |
| AA0236 | 244 -- | < 5 | | | | | | | | | | |
| AA0237 | 244 -- | < 5 | | | | | | | | | | |
| AA0238 | 244 -- | < 5 | | | | | | | | | | |
| AA0239 | 244 -- | < 5 | | | | | | | | | | |
| AA0240 | 244 -- | < 5 | | | | | | | | | | |
| AA0241 | 244 -- | < 5 | | | | | | | | | | |
| AA0242 | 244 -- | < 5 | | | | | | | | | | |
| AA0243 | 244 -- | < 5 | | | | | | | | | | |
| AA0244 | 244 -- | < 5 | | | | | | | | | | |
| AA0245 | 244 -- | < 5 | | | | | | | | | | |
| AA0246 | 244 -- | < 5 | | | | | | | | | | |
| AA0247 | 244 -- | < 5 | | | | | | | | | | |
| AA0248 | 244 -- | < 5 | | | | | | | | | | |
| AA0249 | 244 -- | < 5 | | | | | | | | | | |
| AA0250 | 244 -- | < 5 | | | | | | | | | | |
| AA0251 | 244 -- | < 5 | | | | | | | | | | |
| AA0252 | 244 -- | < 5 | | | | | | | | | | |
| AA0253 | 244 -- | < 5 | | | | | | | | | | |
| AA0254 | 244 -- | < 5 | | | | | | | | | | |
| AA0255 | 244 -- | < 5 | | | | | | | | | | |
| AA0256 | 244 -- | < 5 | | | | | | | | | | |
| AA0257 | 244 -- | < 5 | | | | | | | | | | |
| AA0258 | 244 -- | < 5 | | | | | | | | | | |
| AA0259 | 244 -- | < 5 | | | | | | | | | | |
| AA0260 | 244 -- | < 5 | | | | | | | | | | |
| AA0261 | 244 -- | < 5 | | | | | | | | | | |
| AA0262 | 244 -- | < 5 | | | | | | | | | | |
| AA0263 | 244 -- | < 5 | | | | | | | | | | |
| AA0264 | 244 -- | < 5 | | | | | | | | | | |
| AA0265 | 244 -- | < 5 | | | | | | | | | | |
| AA0266 | 244 -- | < 5 | | | | | | | | | | |

CERTIFICATION: *Frank Vonk*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

Client: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: FP-LEAGUE
Comments:

Page Number: 4
Total Pages: 4
Certificate Date: 14-MAR-96
Invoice No.: I9613605
P.O. Number:
Account: MPO

CERTIFICATE OF ANALYSIS

A9613605

| SAMPLE | PREP CODE | Au ppb FA+AA | | | | | | | | | | |
|--------|-----------|--------------|--|--|--|--|--|--|--|--|--|--|
| AA0267 | 244 -- | < 5 | | | | | | | | | | |

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

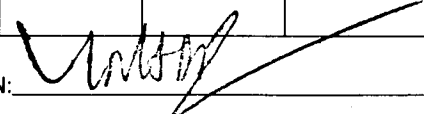
EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : FP LEAGUE
Comments:

Page Number : 1
Total Pages : 5
Certificate Date: 26-FEB-96
Invoice No. : 19612385
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9612385

| SAMPLE | PREP CODE | Au ppb FA+AA | | | | | | | | | |
|--------|-----------|--------------|--|--|--|--|--|--|--|--|--|
| T34536 | 244 -- | < 5 | | | | | | | | | |
| T34537 | 244 -- | < 5 | | | | | | | | | |
| T34538 | 244 -- | < 5 | | | | | | | | | |
| T34539 | 244 -- | < 5 | | | | | | | | | |
| T34540 | 244 -- | < 5 | | | | | | | | | |
| T34541 | 244 -- | < 5 | | | | | | | | | |
| T34542 | 244 -- | < 5 | | | | | | | | | |
| T34543 | 244 -- | < 5 | | | | | | | | | |
| T34544 | 244 -- | < 5 | | | | | | | | | |
| T34545 | 244 -- | < 5 | | | | | | | | | |
| T34546 | 244 -- | < 5 | | | | | | | | | |
| T34547 | 244 -- | < 5 | | | | | | | | | |
| T34548 | 244 -- | < 5 | | | | | | | | | |
| T34549 | 244 -- | < 5 | | | | | | | | | |
| T34550 | 244 -- | < 5 | | | | | | | | | |
| T34551 | 244 -- | < 5 | | | | | | | | | |
| T34552 | 244 -- | < 5 | | | | | | | | | |
| T34553 | 244 -- | < 5 | | | | | | | | | |
| T34554 | 244 -- | < 5 | | | | | | | | | |
| T34555 | 244 -- | < 5 | | | | | | | | | |
| T34556 | 244 -- | < 5 | | | | | | | | | |
| T34557 | 244 -- | < 5 | | | | | | | | | |
| T34558 | 244 -- | < 5 | | | | | | | | | |
| T34559 | 244 -- | < 5 | | | | | | | | | |
| T34560 | 244 -- | < 5 | | | | | | | | | |
| T34561 | 244 -- | < 5 | | | | | | | | | |
| T34562 | 244 -- | < 5 | | | | | | | | | |
| T34563 | 244 -- | < 5 | | | | | | | | | |
| T34564 | 244 -- | < 5 | | | | | | | | | |
| T34565 | 244 -- | < 5 | | | | | | | | | |
| T34566 | 244 -- | < 5 | | | | | | | | | |
| T34567 | 244 -- | < 5 | | | | | | | | | |
| T34568 | 244 -- | < 5 | | | | | | | | | |
| T34569 | 244 -- | < 5 | | | | | | | | | |
| T34570 | 244 -- | < 5 | | | | | | | | | |
| T34571 | 244 -- | < 5 | | | | | | | | | |
| T34572 | 244 -- | < 5 | | | | | | | | | |
| T34573 | 244 -- | < 5 | | | | | | | | | |
| T34574 | 244 -- | < 5 | | | | | | | | | |
| T34575 | 244 -- | < 5 | | | | | | | | | |

CERTIFICATION: 



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

to: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : FP LEAGUE
Comments:

Page Number : 2
Total Pages : 5
Certificate Date: 26-FEB-96
Invoice No. : I9612385
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9612385

| SAMPLE | PREP CODE | Au ppb
FA+AA | | | | | | | | | |
|--------|-----------|-----------------|--|--|--|--|--|--|--|--|--|
| T34576 | 244 -- | < 5 | | | | | | | | | |
| T34577 | 244 -- | < 5 | | | | | | | | | |
| T34578 | 244 -- | < 5 | | | | | | | | | |
| T34579 | 244 -- | < 5 | | | | | | | | | |
| T34580 | 244 -- | < 5 | | | | | | | | | |
| T34581 | 244 -- | < 5 | | | | | | | | | |
| T34582 | 244 -- | < 5 | | | | | | | | | |
| T34583 | 244 -- | < 5 | | | | | | | | | |
| T34584 | 244 -- | < 5 | | | | | | | | | |
| T34585 | 244 -- | < 5 | | | | | | | | | |
| T34586 | 244 -- | 40 | | | | | | | | | |
| T34587 | 244 -- | < 5 | | | | | | | | | |
| T34588 | 244 -- | < 5 | | | | | | | | | |
| T34589 | 244 -- | < 5 | | | | | | | | | |
| T34590 | 244 -- | < 5 | | | | | | | | | |
| T34591 | 244 -- | < 5 | | | | | | | | | |
| T34592 | 244 -- | < 5 | | | | | | | | | |
| T34593 | 244 -- | < 5 | | | | | | | | | |
| T34594 | 244 -- | < 5 | | | | | | | | | |
| T34595 | 244 -- | < 5 | | | | | | | | | |
| T34596 | 244 -- | < 5 | | | | | | | | | |
| T34597 | 244 -- | < 5 | | | | | | | | | |
| T34598 | 244 -- | < 5 | | | | | | | | | |
| T34599 | 244 -- | < 5 | | | | | | | | | |
| T34600 | 244 -- | < 5 | | | | | | | | | |
| T34601 | 244 -- | < 5 | | | | | | | | | |
| T34602 | 244 -- | < 5 | | | | | | | | | |
| T34603 | 244 -- | < 5 | | | | | | | | | |
| T34604 | 244 -- | < 5 | | | | | | | | | |
| T34605 | 244 -- | < 5 | | | | | | | | | |
| T34606 | 244 -- | < 5 | | | | | | | | | |
| T34607 | 244 -- | < 5 | | | | | | | | | |
| T34608 | 244 -- | < 5 | | | | | | | | | |
| T34609 | 244 -- | < 5 | | | | | | | | | |
| T34610 | 244 -- | < 5 | | | | | | | | | |
| T34611 | 244 -- | < 5 | | | | | | | | | |
| T34612 | 244 -- | 95 | | | | | | | | | |
| T34613 | 244 -- | < 5 | | | | | | | | | |
| T34614 | 244 -- | < 5 | | | | | | | | | |
| T34615 | 244 -- | < 5 | | | | | | | | | |

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

o: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : FP LEAGUE
Comments:

Page 1 of 3
Total Pages : 5
Certificate Date: 26-FEB-96
Invoice No. : I9612385
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9612385

| SAMPLE | PREP CODE | Au ppb FA+AA | | | | | | | | | | | |
|--------|-----------|--------------|--|--|--|--|--|--|--|--|--|--|--|
| T34616 | 244 -- | < 5 | | | | | | | | | | | |
| T34617 | 244 -- | < 5 | | | | | | | | | | | |
| T34618 | 244 -- | < 5 | | | | | | | | | | | |
| T34619 | 244 -- | < 5 | | | | | | | | | | | |
| T34620 | 244 -- | < 5 | | | | | | | | | | | |
| T34621 | 244 -- | < 5 | | | | | | | | | | | |
| T34622 | 244 -- | < 5 | | | | | | | | | | | |
| T34623 | 244 -- | < 5 | | | | | | | | | | | |
| T34624 | 244 -- | < 5 | | | | | | | | | | | |
| T34625 | 244 -- | < 5 | | | | | | | | | | | |
| T34626 | 244 -- | < 5 | | | | | | | | | | | |
| T34627 | 244 -- | < 5 | | | | | | | | | | | |
| T34628 | 244 -- | < 5 | | | | | | | | | | | |
| T34629 | 244 -- | < 5 | | | | | | | | | | | |
| T34630 | 244 -- | < 5 | | | | | | | | | | | |
| T34631 | 244 -- | < 5 | | | | | | | | | | | |
| T34632 | 244 -- | < 5 | | | | | | | | | | | |
| T34633 | 244 -- | < 5 | | | | | | | | | | | |
| T34634 | 244 -- | < 5 | | | | | | | | | | | |
| T34635 | 244 -- | < 5 | | | | | | | | | | | |
| T34636 | 244 -- | < 5 | | | | | | | | | | | |
| T34637 | 244 -- | < 5 | | | | | | | | | | | |
| T34638 | 244 -- | < 5 | | | | | | | | | | | |
| T34639 | 244 -- | < 5 | | | | | | | | | | | |
| T34640 | 244 -- | < 5 | | | | | | | | | | | |
| T34641 | 244 -- | < 5 | | | | | | | | | | | |
| T34642 | 244 -- | < 5 | | | | | | | | | | | |
| T34643 | 244 -- | < 5 | | | | | | | | | | | |
| T34644 | 244 -- | < 5 | | | | | | | | | | | |
| T34645 | 244 -- | < 5 | | | | | | | | | | | |
| T34646 | 244 -- | < 5 | | | | | | | | | | | |
| T34647 | 244 -- | < 5 | | | | | | | | | | | |
| T34648 | 244 -- | < 5 | | | | | | | | | | | |
| T34649 | 244 -- | < 5 | | | | | | | | | | | |
| T34650 | 244 -- | < 5 | | | | | | | | | | | |
| T34651 | 244 -- | < 5 | | | | | | | | | | | |
| T34652 | 244 -- | < 5 | | | | | | | | | | | |
| T34653 | 244 -- | < 5 | | | | | | | | | | | |
| T34654 | 244 -- | < 5 | | | | | | | | | | | |
| T34655 | 244 -- | < 5 | | | | | | | | | | | |

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

J: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : FP LEAGUE
Comments:

Page 1 of 4
Total Pages : 5
Certificate Date: 26-FEB-96
Invoice No. : 19612385
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9612385

| SAMPLE | PREP CODE | Au ppb FA+AA | | | | | | | | | |
|--------|-----------|--------------|--|--|--|--|--|--|--|--|--|
| T34656 | 244 -- | < 5 | | | | | | | | | |
| T34657 | 244 -- | < 5 | | | | | | | | | |
| T34658 | 244 -- | < 5 | | | | | | | | | |
| T34659 | 244 -- | < 5 | | | | | | | | | |
| T34660 | 244 -- | < 5 | | | | | | | | | |
| T34661 | 244 -- | < 5 | | | | | | | | | |
| T34662 | 244 -- | < 5 | | | | | | | | | |
| T34663 | 244 -- | < 5 | | | | | | | | | |
| T34664 | 244 -- | < 5 | | | | | | | | | |
| T34665 | 244 -- | < 5 | | | | | | | | | |
| T34666 | 244 -- | < 5 | | | | | | | | | |
| T34667 | 244 -- | < 5 | | | | | | | | | |
| T34668 | 244 -- | < 5 | | | | | | | | | |
| T34669 | 244 -- | < 5 | | | | | | | | | |
| T34670 | 244 -- | < 5 | | | | | | | | | |
| T34671 | 244 -- | < 5 | | | | | | | | | |
| T34672 | 244 -- | < 5 | | | | | | | | | |
| T34673 | 244 -- | 25 | | | | | | | | | |
| T34674 | 244 -- | < 5 | | | | | | | | | |
| T34675 | 244 -- | < 5 | | | | | | | | | |
| T34676 | 244 -- | < 5 | | | | | | | | | |
| T34677 | 244 -- | < 5 | | | | | | | | | |
| T34678 | 244 -- | < 5 | | | | | | | | | |
| T34679 | 244 -- | < 5 | | | | | | | | | |
| T34680 | 244 -- | < 5 | | | | | | | | | |
| T34681 | 244 -- | < 5 | | | | | | | | | |
| T34682 | 244 -- | < 5 | | | | | | | | | |
| T34683 | 244 -- | < 5 | | | | | | | | | |
| T34684 | 244 -- | < 5 | | | | | | | | | |
| T34685 | 244 -- | < 5 | | | | | | | | | |
| T34706 | 244 -- | < 5 | | | | | | | | | |
| T34707 | 244 -- | < 5 | | | | | | | | | |
| T34708 | 244 -- | < 5 | | | | | | | | | |
| T34709 | 244 -- | < 5 | | | | | | | | | |
| T34710 | 244 -- | < 5 | | | | | | | | | |
| T34711 | 244 -- | < 5 | | | | | | | | | |
| T34712 | 244 -- | < 5 | | | | | | | | | |
| T34713 | 244 -- | < 5 | | | | | | | | | |
| T34714 | 244 -- | < 5 | | | | | | | | | |
| T34715 | 244 -- | < 5 | | | | | | | | | |

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

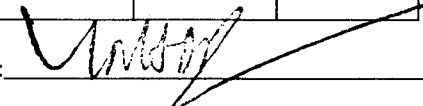
EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Page Number : 5
Total Pages : 5
Certificate Date : 26-FEB-96
Invoice No. : I9612385
P.O. Number :
Account : MPO

Project : FP LEAGUE
Comments:

CERTIFICATE OF ANALYSIS A9612385

| SAMPLE | PREP CODE | Au ppb FA+AA | | | | | | | | | | |
|--------|-----------|--------------|--|--|--|--|--|--|--|--|--|--|
| T34716 | 244 -- | < 5 | | | | | | | | | | |
| T34717 | 244 -- | < 5 | | | | | | | | | | |
| T34718 | 244 -- | 755 | | | | | | | | | | |
| T34719 | 244 -- | < 5 | | | | | | | | | | |
| T34720 | 244 -- | < 5 | | | | | | | | | | |
| T34721 | 244 -- | < 5 | | | | | | | | | | |
| T34722 | 244 -- | < 5 | | | | | | | | | | |
| T34723 | 244 -- | < 5 | | | | | | | | | | |
| T34751 | 244 -- | < 5 | | | | | | | | | | |
| T34752 | 244 -- | < 5 | | | | | | | | | | |
| T34753 | 244 -- | < 5 | | | | | | | | | | |
| T34754 | 244 -- | < 5 | | | | | | | | | | |
| T34755 | 244 -- | < 5 | | | | | | | | | | |
| T34756 | 244 -- | < 5 | | | | | | | | | | |
| T34757 | 244 -- | < 5 | | | | | | | | | | |
| T34758 | 244 -- | < 5 | | | | | | | | | | |
| T34759 | 244 -- | < 5 | | | | | | | | | | |
| T34760 | 244 -- | < 5 | | | | | | | | | | |
| T34761 | 244 -- | < 5 | | | | | | | | | | |
| T34762 | 244 -- | < 5 | | | | | | | | | | |

CERTIFICATION: 



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

o: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Page : 1 of 1
Total Pages : 4
Certificate Date: 23-FEB-96
Invoice No. : I9612384
P.O. Number :
Account : MPO

Project : FP LEAGUE
Comments:

CERTIFICATE OF ANALYSIS

A9612384

| SAMPLE | PREP CODE | Au ppb FA+AA | | | | | | | | | | |
|--------|-----------|--------------|--|--|--|--|--|--|--|--|--|--|
| T34763 | 244 -- | < 5 | | | | | | | | | | |
| T34764 | 244 -- | < 5 | | | | | | | | | | |
| T34766 | 244 -- | < 5 | | | | | | | | | | |
| T34767 | 244 -- | < 5 | | | | | | | | | | |
| T34768 | 244 -- | < 5 | | | | | | | | | | |
| T34769 | 244 -- | < 5 | | | | | | | | | | |
| T34770 | 244 -- | < 5 | | | | | | | | | | |
| T34771 | 244 -- | < 5 | | | | | | | | | | |
| T34772 | 244 -- | < 5 | | | | | | | | | | |
| T34773 | 244 -- | < 5 | | | | | | | | | | |
| T34774 | 244 -- | < 5 | | | | | | | | | | |
| T34775 | 244 -- | < 5 | | | | | | | | | | |
| T34776 | 244 -- | < 5 | | | | | | | | | | |
| T34777 | 244 -- | < 5 | | | | | | | | | | |
| T34778 | 244 -- | < 5 | | | | | | | | | | |
| T34779 | 244 -- | < 5 | | | | | | | | | | |
| T34780 | 244 -- | < 5 | | | | | | | | | | |
| T34781 | 244 -- | < 5 | | | | | | | | | | |
| T34782 | 244 -- | < 5 | | | | | | | | | | |
| T34783 | 244 -- | < 5 | | | | | | | | | | |
| T34784 | 244 -- | < 5 | | | | | | | | | | |
| T34785 | 244 -- | < 5 | | | | | | | | | | |
| T34786 | 244 -- | < 5 | | | | | | | | | | |
| T34787 | 244 -- | < 5 | | | | | | | | | | |
| T34788 | 244 -- | < 5 | | | | | | | | | | |
| T34789 | 244 -- | < 5 | | | | | | | | | | |
| T34790 | 244 -- | < 5 | | | | | | | | | | |
| T34791 | 244 -- | < 5 | | | | | | | | | | |
| T34792 | 244 -- | < 5 | | | | | | | | | | |
| T34793 | 244 -- | < 5 | | | | | | | | | | |
| T34794 | 244 -- | < 5 | | | | | | | | | | |
| T34795 | 244 -- | < 5 | | | | | | | | | | |
| T34796 | 244 -- | < 5 | | | | | | | | | | |
| T34950 | 244 -- | < 5 | | | | | | | | | | |
| T34951 | 244 -- | < 5 | | | | | | | | | | |
| T34952 | 244 -- | < 5 | | | | | | | | | | |
| T34953 | 244 -- | < 5 | | | | | | | | | | |
| T34954 | 244 -- | < 5 | | | | | | | | | | |
| T34955 | 244 -- | < 5 | | | | | | | | | | |
| T34956 | 244 -- | < 5 | | | | | | | | | | |

CERTIFICATION:



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

o: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : FP LEAGUE
Comments:

Page 1 of 2
Total Pages : 4
Certificate Date: 23-FEB-96
Invoice No. : I9612384
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS

A9612384

| SAMPLE | PREP CODE | Au ppb FA+AA | | | | | | | | | | |
|--------|-----------|--------------|--|--|--|--|--|--|--|--|--|--|
| T34957 | 244 -- | < 5 | | | | | | | | | | |
| T34958 | 244 -- | < 5 | | | | | | | | | | |
| T34959 | 244 -- | < 5 | | | | | | | | | | |
| T34960 | 244 -- | < 5 | | | | | | | | | | |
| T34961 | 244 -- | < 5 | | | | | | | | | | |
| T34962 | 244 -- | < 5 | | | | | | | | | | |
| T34963 | 244 -- | < 5 | | | | | | | | | | |
| T34964 | 244 -- | < 5 | | | | | | | | | | |
| T34965 | 244 -- | < 5 | | | | | | | | | | |
| T34966 | 244 -- | < 5 | | | | | | | | | | |
| T34967 | 244 -- | < 5 | | | | | | | | | | |
| T34968 | 244 -- | < 5 | | | | | | | | | | |
| T34969 | 244 -- | < 5 | | | | | | | | | | |
| T34970 | 244 -- | < 5 | | | | | | | | | | |
| T34971 | 244 -- | < 5 | | | | | | | | | | |
| T34972 | 244 -- | < 5 | | | | | | | | | | |
| T34973 | 244 -- | 30 | | | | | | | | | | |
| T34974 | 244 -- | 35 | | | | | | | | | | |
| T34975 | 244 -- | < 5 | | | | | | | | | | |
| T34976 | 244 -- | < 5 | | | | | | | | | | |
| T34977 | 244 -- | < 5 | | | | | | | | | | |
| T34978 | 244 -- | < 5 | | | | | | | | | | |
| T34979 | 244 -- | < 5 | | | | | | | | | | |
| T34980 | 244 -- | < 5 | | | | | | | | | | |
| T34981 | 244 -- | < 5 | | | | | | | | | | |
| T34982 | 244 -- | < 5 | | | | | | | | | | |
| T34983 | 244 -- | < 5 | | | | | | | | | | |
| T34984 | 244 -- | 50 | | | | | | | | | | |
| T34985 | 244 -- | < 5 | | | | | | | | | | |
| T34986 | 244 -- | < 5 | | | | | | | | | | |
| T34987 | 244 -- | < 5 | | | | | | | | | | |
| T34988 | 244 -- | < 5 | | | | | | | | | | |
| T34989 | 244 -- | < 5 | | | | | | | | | | |
| T34990 | 244 -- | 20 | | | | | | | | | | |
| T34991 | 244 -- | < 5 | | | | | | | | | | |
| T34992 | 244 -- | < 5 | | | | | | | | | | |
| T34993 | 244 -- | < 5 | | | | | | | | | | |
| T34994 | 244 -- | < 5 | | | | | | | | | | |
| T34995 | 244 -- | 20 | | | | | | | | | | |
| T34996 | 244 -- | < 5 | | | | | | | | | | |

CERTIFICATION: 



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

Client: EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: FP LEAGUE
Comments:

Page: 1 of 3
Total Pages: 4
Certificate Date: 23-FEB-96
Invoice No.: I9612384
P.O. Number:
Account: MPO

CERTIFICATE OF ANALYSIS

A9612384

| SAMPLE | PREP CODE | Au ppb FA+AA | | | | | | | | | | |
|--------|-----------|--------------|--|--|--|--|--|--|--|--|--|--|
| T34997 | 244 -- | < 5 | | | | | | | | | | |
| T34998 | 244 -- | < 5 | | | | | | | | | | |
| T34999 | 244 -- | < 5 | | | | | | | | | | |
| T35000 | 244 -- | 50 | | | | | | | | | | |
| T35001 | 244 -- | 25 | | | | | | | | | | |
| T35002 | 244 -- | 25 | | | | | | | | | | |
| T35003 | 244 -- | 70 | | | | | | | | | | |
| T35004 | 244 -- | < 5 | | | | | | | | | | |
| T35005 | 244 -- | < 5 | | | | | | | | | | |
| T35006 | 244 -- | < 5 | | | | | | | | | | |
| T35017 | 244 -- | < 5 | | | | | | | | | | |
| T35018 | 244 -- | 75 | | | | | | | | | | |
| T35019 | 244 -- | < 5 | | | | | | | | | | |
| T35020 | 244 -- | < 5 | | | | | | | | | | |
| T35021 | 244 -- | < 5 | | | | | | | | | | |
| T35022 | 244 -- | < 5 | | | | | | | | | | |
| T35023 | 244 -- | < 5 | | | | | | | | | | |
| T35024 | 244 -- | < 5 | | | | | | | | | | |
| T35025 | 244 -- | < 5 | | | | | | | | | | |
| T35026 | 244 -- | < 5 | | | | | | | | | | |
| T35027 | 244 -- | < 5 | | | | | | | | | | |
| T35028 | 244 -- | < 5 | | | | | | | | | | |
| T35029 | 244 -- | < 5 | | | | | | | | | | |
| T35030 | 244 -- | < 5 | | | | | | | | | | |
| T35031 | 244 -- | < 5 | | | | | | | | | | |
| T35032 | 244 -- | < 5 | | | | | | | | | | |
| T35033 | 244 -- | < 5 | | | | | | | | | | |
| T35054 | 244 -- | < 5 | | | | | | | | | | |
| T35055 | 244 -- | < 5 | | | | | | | | | | |
| T35056 | 244 -- | < 5 | | | | | | | | | | |
| T35057 | 244 -- | < 5 | | | | | | | | | | |
| T35058 | 244 -- | < 5 | | | | | | | | | | |
| T35059 | 244 -- | < 5 | | | | | | | | | | |
| T35060 | 244 -- | < 5 | | | | | | | | | | |
| T35061 | 244 -- | < 5 | | | | | | | | | | |
| T35062 | 244 -- | < 5 | | | | | | | | | | |
| T35068 | 244 -- | < 5 | | | | | | | | | | |
| T35069 | 244 -- | < 5 | | | | | | | | | | |
| T35070 | 244 -- | < 5 | | | | | | | | | | |
| T35071 | 244 -- | < 5 | | | | | | | | | | |

CERTIFICATION: 



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

EXPATRIATE RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : FP LEAGUE
Comments:

Page : 4
Total Pages : 4
Certificate Date: 23-FEB-96
Invoice No. : I9612384
P.O. Number :
Account : MPO

CERTIFICATE OF ANALYSIS A9612384

| SAMPLE | PREP CODE | Au ppb FA+AA | | | | | | | | | | |
|--------|-----------|--------------|--|--|--|--|--|--|--|--|--|--|
| T35072 | 244 -- | 110 | | | | | | | | | | |
| T35073 | 244 -- | < 5 | | | | | | | | | | |
| T35074 | 244 -- | < 5 | | | | | | | | | | |
| T35075 | 244 -- | < 5 | | | | | | | | | | |
| T35076 | 244 -- | 145 | | | | | | | | | | |
| T35077 | 244 -- | < 5 | | | | | | | | | | |
| T35078 | 244 -- | < 5 | | | | | | | | | | |
| T35079 | 244 -- | < 5 | | | | | | | | | | |
| T35080 | 244 -- | < 5 | | | | | | | | | | |
| T35081 | 244 -- | < 5 | | | | | | | | | | |
| T35082 | 244 -- | 15 | | | | | | | | | | |
| T35083 | 244 -- | < 5 | | | | | | | | | | |
| T35084 | 244 -- | < 5 | | | | | | | | | | |
| T35085 | 244 -- | < 5 | | | | | | | | | | |
| T35086 | 244 -- | < 5 | | | | | | | | | | |
| T35087 | 244 -- | < 5 | | | | | | | | | | |
| T35088 | 244 -- | < 5 | | | | | | | | | | |
| T35089 | 244 -- | < 5 | | | | | | | | | | |
| T35090 | 244 -- | < 5 | | | | | | | | | | |
| T35091 | 244 -- | < 5 | | | | | | | | | | |
| T35092 | 244 -- | < 5 | | | | | | | | | | |

CERTIFICATION: 