We are committed to providing accessible customer service.
If you need accessible formats or communications supports, please contact us.

Nous tenons à améliorer l’accessibilité des services à la clientèle.
Si vous avez besoin de formats accessibles ou d’aide à la communication, veuillez nous contacter.

THE BLMI RICHARDSON LAKE PROPERTY

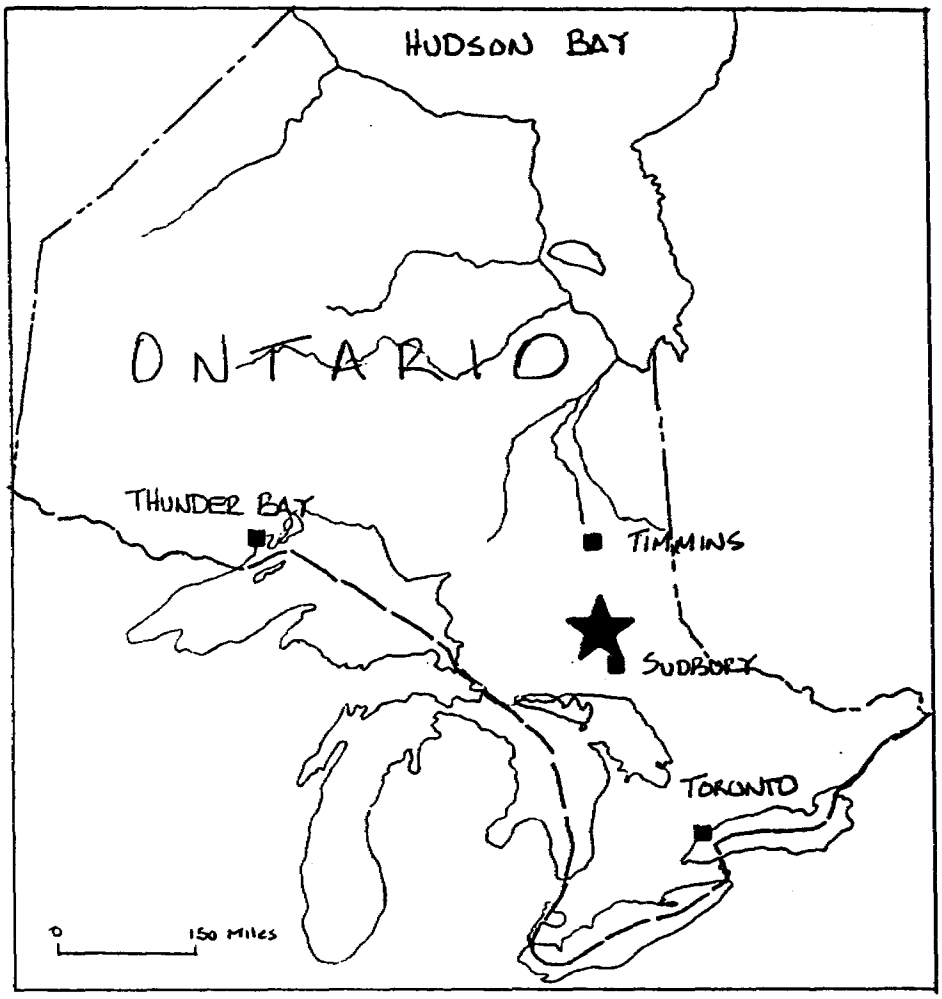
SOIL GEOCHEMISTRY PROGRAM

RHODES TOWNSHIP, ONTARIO

H.J. TRACANELLI

Exploration Geologist

January 17, 1992



★ BLM1 RICHARDSON LAKE PROPERTY.
RHODES TOWNSHIP.
(G-4096).

Figure No. 1

2.14516

TABLE OF CONTENTS

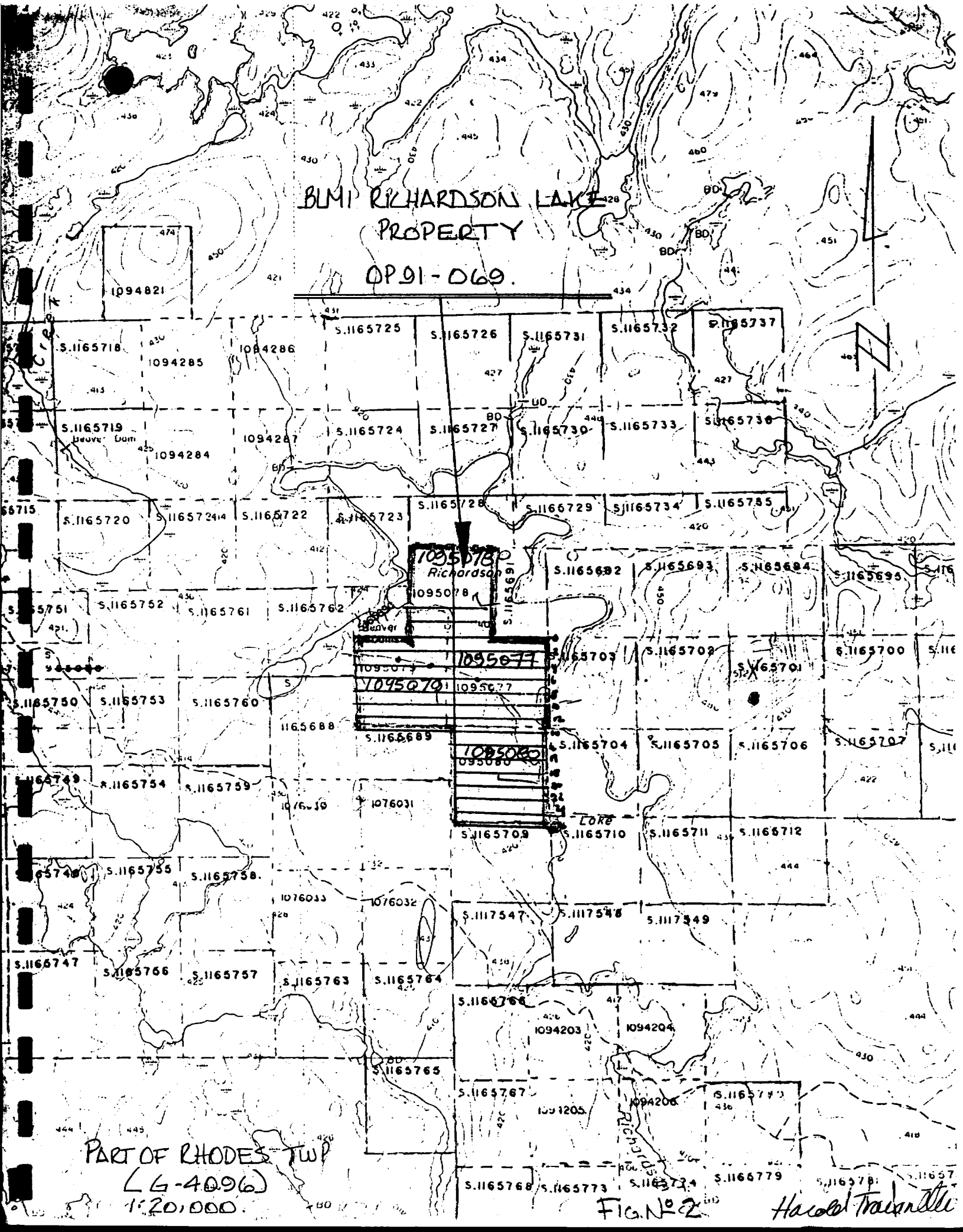
TABLE OF CONTENTS (CON'T)

FIGURES

DRAWINGS LIST

Below is a list of Richardson Lake large scaled drawings (1 inch = 200 feet)

1. Arsenic	91-5000-001
2. Silver	91-5000-002
3. Molybdenum	91-5000-003
4. Lead	91-5000-004
5. Cobalt	91-5000-005
6. Iron	91-5000-006
7. Gold	91-5000-007
8. Copper	91-5000-008
9. Calcium	91-5000-009
10. Zinc	91-5000-010
11. Vanadium	91-5000-011
12. Nickel	91-5000-012
13. Mercury	91-5000-013
14. Bismuth	91-5000-014
15. Potassium	91-5000-015
16. Manganese	91-5000-016
17. Lanthinum	91-5000-017
18. Aluminum	91-5000-018
19. Sodium	91-5000-019
20. Rock Sample Location Map	91-5000-020
21. Showings and target areas	91-5000-021


BLM RICHARDSON LAKE
PROPERTY
OP91-069.
PART OF RHODES TWP
(G-4096)
1:20,000.
FIG. No 2
Harold Trabandt

1.0 INTRODUCTION

Over much of 1991 an extensive amount of exploration type work was carried out on the BLMI Richardson Lake Property in Rhodes Township, located approximately 35 miles north, northwest of Sudbury, Ontario. This mining property is situated within the Richardson lake Greenstone Belt consisting of mafic to felsic metavolcanic and metasedimentary rocks.

The Richardson Lake Greenstone Belt is thought to be genetically related to the Benny Greenstone Belt to the southwest and the Parkin Greenstone Belt to the east. These once interconnected groups of volcanic rocks probably made up a quite large volcanic terrain.

Base metal mineral deposits are known to exist in both the Benny and Parkin Belts while a number of base metal prospects have been discovered in the Richardson Lake Belt.

Primary interest in the Richardson Lake Greenstone Belt has been concentrated around the exploration of the iron bearing formations found throughout the belt. Exploration work concentrating on developing the potential iron deposits appears to have begun as early as 1904. There is little evidence to suggest that other metals other than iron were being explored for. The Algoman metasediments in the Rhodes Township area were identified as the western extension of the Hutton and Parkin iron ranges. For many years, there are no available records indicating that precious or base metals were discovered, even though certain geological formations were probably encountered which today are well known to be favourable hosts for mineral deposits.

The old records show that no gold or base metal exploration work was carried out in the Richardson Lake area until 1933 or 1934. The first recorded prospector to work the ground now held by BLMI was Thure Holmstrom. Possibly spurred on by the ongoing development of the Geneva Lake Mine in the early 1930's, Holmstrom prospected and staked two mining claims on what is now the BLMI Richardson Lake Property, on January 22, 1934. Holmstrom worked the claims for a short time, blasting and digging trenches before allowing the claims to lapse. Between the years 1934 and 1990, there were no mining claims staked over the area under current investigation. In the spring of 1990 after hearing reports of new copper mineralization being found northwest of Richardson Lake and by utilizing former documents, attempts were made to relocate the old Holmstrom workings. During this reconnaissance investigation the badly overgrown trenches were relocated after 57 years. Following the relocation of the workings a series of claims were staked to secure the main trench-showing areas as well as the along strike extent of the general geology. In the fall of 1990 Falconbridge Ltd. took an interest in the belt and proceeded to stake over 100 claims to cover a large portion of the metavolcanic sequences. A winter program of line cutting and ground VLF-EM and magnetics was

undertaken in early winter of 1991 by BLMI over the entire Richardson Lake property. The results of the survey were considered to be encouraging and future fieldwork was recommended which included the running of a soil sampling program and reconnaissance geological investigations.

An OPAP grant was secured in the late winter of 1991 which allowed for the initiation of the soil sampling program to be carried out in mid May. Over 460 "C" Θ horizon soil samples were collected and analyzed for gold and 32 various elements which included Pb, Zn, Cu, Ni, Co, Ag, etc. Following the sampling program, geological investigations were carried out which resulted in the discovery of sphalerite and galena mineralization with pyrite, pyrrhotite etc. within a very highly altered sequence of intermediate-felsic metavolcanics near the contact with former mafic amphibolite rocks. More detailed investigative work has shown that these mineral bearing metavolcanic rocks have an estimated strike length of at least 4000 feet. Petrographic investigations of this favourable mineral bearing environment may indicate the presence of potential volcanogenetic massive sulphide deposits within these rocks. The results of the geochemical and geophysical surveys carried out over the property appear to indicate possible buried mineralization in two or three specific areas of the property.

The evaluation and correlation of all data which included the soil and rock geochemistry, ground and airborne geophysical and geological investigations has resulted in the identification of three specific target areas which are thought to be significant enough to warrant future, more detailed investigations. Even though the main focus of this work was centred around the geochemistry survey, efforts have been made to portray the various other contributing physical factors such as the geology and geophysics, in an attempt to more thoroughly assess the full mineral potential of property.

Much useful information has been presented including numerous soil and rock geochemistry maps plotted at a scale of 1 inch = 200 feet. The choice of scales was based on the use of 1 inch = 200 feet utilized for the 1991 winter ground geophysical maps.

Having both geophysics and geochemistry at the same sale makes for easy correlation work. Complete details of the BLMI ground geophysics and the Falconbridge Limited airborne geophysical survey may be readily viewed in the Rhodes Township Assessment Files in the Sudbury Resident Geologists' Office.

Much more refined and detailed work with respect to the geological mapping of the property is expected to be completed at the end of the 1992 field season.

In conclusion all of the work which has been carried out on the BLMI property since its inception in 1990 has been valuable in identifying potential mineral bearing environments which may host valuable

mineral deposits. Far more detailed work which might include power stripping, diamond drilling, structural, petrological and mineralogical investigation will undoubtedly have to be carried out in order to assess the full potential of the mining property.

2.0 PROPERTY LOCATION AND ACCESS

The Richardson Lake Property consists of 4 contiguous 40 acre +/- mining claims, numbred S-1095077, S-1095078, S-1095079 and S-1095080, located in Central Rhodes Township, Sudbury Mining Division, (G-4096), approximately 35 air miles north-northwest of the City of Sudbury, Ontario.

Present access to the property can be made through a series of good logging roads, constructed by E.B. Eddy Forest Products, which run northeast from Highway 144 north just outside of Benny, Ontario. Good access directly onto the property can be afforded by float plane or boat by travelling south along the western shore of Richardson Lake. Access onto the property can also be obtained by way of a 4000 ft +/-. ATV trail which was recently established off of a small bush road branching off of the main E.B. Eddy access road.

2.1 PROPERTY OWNERSHIP

The existing 4 claim, 160 acre BLMI Richardson Lake property was staked and presently remains in the name of Harold J. Tracanelli, of Chelmsford, Ontario, who is presently employed as an exploration geologist with Bharti Laamanen Mining Inc. (BLMI) of Sudbury, Ontario.

BLMI is entitled to the outstanding rights in the mining claim group and are presently responsible for supplying the necessary exploration funds required to conduct various exploration endeavours. A significant amount of the exploration funding was provided by the Ontario Provincial Government through the O.P.A.P. program, in order that specific work could be carried out. An O.P.A.P. grant was secured by Harold J. Tracanelli, at which time the monies were credited to (BLMI) and applied against the expenses incurred.

2.2 PROPERTY STATUS

Recent work carried out on the Richardson Lake property under the direction of this writer which included ground, geophysical, recconaissance geological and soil geochemical surveys has been undertaken in an attempt to more thoroughly evaluate the base and precious metal potential of the mining property. All relevant exploration functions will be converted into dollar value assessment work credits which will allow the claims to remain in good standing for a number of years into the future.

3.0 PHYSIOGRAPHY

The Emo, Rhodes and Botha Township areas which includes the BLMI Richardson Lake property, is part of the Canadian Shield, and has a characateristic low relief of isolated to interconnected swampy, to glacial debris areas and deposits, interrupted by random protruding rock outcroppings.

The general elevation is approximately 1475 feet above sea level, with the average topographic relief ranging from 100 feet to 330 feet. The highest point in Rhodes Township is 1679 feet above sea level located approximately 2600 feet east of the BLMI property.

The topography of the area is generally related to the bedrock lithology, structures and the deposition characteristics of the assorted glacial debris deposits laid down in the area.

The early Precambrian granitic rocks, quartz sandstones of the Lorrain Formation, and those metavolcanic rocks with inherant primary fabric occuring somewhat parallel to the abrading trend of glaciation, can be quite resistent to erosion and form high, often barren rocky hills.

Under most circumstances the Early Precambrian archean metavolcanic and metasedimentary rocks and the Proterozoic silstones and conglomerates of the Gowganda Formation are generally less resistant to erosion and can be found at lower elevations.

Lakes and swamps are numerous throughout the area. The largest bodies of water found within the township include Friday lake, Rhodes Lake, Richardson Lake and Bennet Lake which are drained through a series of straight to meandering coarse creeks and swamps which ultimately drain and are part of the upper Onaping River drainage system. [1]

Climatic conditions in the area can be quite variable thorughout the seasons. Summers are often hot and humid due to the large presense of swamp water, while winters are often cold and dry. Due to a significant height of land located between the Sudbury Basin and Cartier, Ontario, various weather conditions can be affected and are notable in the Richardson Lake area. These areas to the north of the height of land such as the Richardson Lake area, often receive less rain or snow and see greater temperature variations than Cartier or Levack, Ontario 12 to 15 miles to the south.

Throughout the past 60 to 70 years, large portions of the timber resources in the area were cut down by the KVP Company and most recently by the E.B. Eddy Company. What remains today is scattered

[1] Dressler, Burkard, O., 1980, Pg. 2, 3.

stands of Red and White Pine, various species of Spruce, Poplar and White Birch. Within low swampy areas, Alders, Tamarack, Cedar and other brush wood species can be found. In those areas which have been logged or burnt as a result of forest fires, the most prominant tree species is the Balsam Fir which covers vast areas as very thick masses. Occasionally Birch, Poplar, Spruce and Hazels can be found growing amongst the Firs.

Wildlife speciies in the area include Moose, Deer, Black Bear, Fox, Wolf, Beaver, Muskrat, etc. Fish species found in most of the lakes and large creeks include Northern Pike, Yellow Pickeral, Small Mouth Bass and Speckled Trout.

Much of the area's timber resources have been expoited although there remains a number of localized pine tree stands yet to be harvested. With the recent construction of the new network of logging roads into the township, there are now certain accessible areas which could host sizeable aggregate deposits.

As with the limited timber resources, the aggregates could be potentially utilized for future potential mineral developments in the area.

4.0 DEVELOPMENTAL INFRASTRUCTURE

In the event that a sizeable economically viable mineral deposit is located on the BLMI Richardson Lake Property, the present infrastruture of the area would, it is hoped, make it far less difficult to develop than a lot of other mineral deposits located in more remote regions of the province.

Currently there is good road access to within 3000 to 4000 feet +/- of the mining property. A short section of the road could easily be established and built up, utilizing the local aggregate materials as an inexpensive source of fill.

The property is 65 road miles northwest of Sudbury, Ontario. Approximately 46 miles of the route is over Highway 144 north while the remaining 19 miles is over a solid bottom gravel road which would currently need minor upgrading by placing down fine grained aggregates and/or grading.

Some timber resources with sizeable dimensions should be readily available to be utilized for certain mining requirements, etc.

Throughout the immediate area, large deposits of mainly coarse grained aggregates would be readily available for use.

Unlimited access to water for assorted mining purposes etc. is available from Richardson Lake.

The closest source of hydroelectric power is located at Dowes Lake, 3 miles north of Cartier, Ontario and approximately 22.5 miles southwest by road from the property.

Railway siding facilities are located at the Village of Benny, in Moncrieff Township, approximately 20 miles by road from the property.

Labour and equipment are readily available throughout the Sudbury Basin area, 1.0 to 1.5 hours drive from the property.

5.0 PREVIOUS GOVERNMENT GEOLOGICAL WORK IN THE RHODES TOWNSHIP AREA

As early as the 1890's government geologists have trekked into the area to study the various geological formations, mineral bearing occurrences, etc. Although several workers have studied the area, none of the work can be said to have been carried out in any great detail. No specific area within the mapped region can be said to have been studied in such detail that nothing of consequence remains to be discovered. On the contrary, it has been shown that the more intensely the area has been looked at by explorationists and government geologists alike, the more it has been shown that the general geological arrangement may be quite different than that which is generally or originally envisioned.

A general summarization of the past government work may be best described by Dressler 1980.

> The first geological work in the area was carried out by Robert Bell. During the period 1880-1890 he investigated the Sudbury map-area. His report (Bell 1890-1891) contains descriptions of the rocks seen along Onaping Lake.
>
> W.H. Collins (1917) mapped the Onaping map-area. His map was presented at a scale of 4 miles to 1 inch and includes the present area of interest.
>
> The following geological reports on neighbouring townships, including geological maps at a scale of 1/2 mile to the inch, have been published:
>
> K.D. Card and H. Meyn, (1969): Geology of the Leinster-Bowell Area.
> H. Meyn (1971): Geology of Roberts, Creelman and Fraleck Townships.
> H. Meyn (1973a): Geology of Sweeny, Beaumont and the Beresford Townships.
>
> A preliminary geological compilation map (Card 1967) has been issued by the Ontario Department of Mines. It includes the present area of interest.
>
> The area is also covered by aeromagnetic maps of the Geological Survey of Canada, Venetian Lake Sheet, Map 1519G (GSC 1965a) and Pogamasing Sheet, Map 1525G (GSC 1965b).
>
> Preliminary geological maps of the present area have been published in 1976 (Dressler 1976a, b, c).[2]

Of noteworthy mention to the above is some limited small scale work carried out by J.E. Thomson, Assistant Provincial Geologist. In late November of 1949 Thomson examined the Thure Holmstrom lead, zinc, copper and silver prospect on Venetian Lake in Botha Township. Thompson briefly described the geology, collected a number of the mineralized samples for analysis and went on to

[2]Dressler, Burkhard, O., 1980, Pg. 2

recommend a few drill holes be put down the vicinity of the mineralized showings.

During the same time period Thomson went on to examine sulphide mineralization found on the original Holmstrom property, now the BLMI Richardson Lake Property, on Mountain lake (now Richardson Lake). Only a couple of samples were taken. There does not appear to be any evidence to suggest that a detailed geological examination was ever carried out in the area.[3] The results of the sample analysis showed only low gold values while lead, zinc, copper etc. were not assayed.

In mid July of 1991 Mike Cosec from the Sudbury Resident Geologist's office was brought into the BLMI Richardson Lake property. An examination was carried out and a number of samples were collected for analyses. A short summarization was prepared which included some brief recommendations[4], which are presented as follows from the Ministry of Northern Development and Mines staff geologist note:

> BLM Mines Incorporated (BLMI) is currently exploring their property in Rhodes Township (6). A recent visit by staff of this office revealed the property is underlain by amphibolite grade mafic metavolcanic rocks in fault(?) contact with felsic metavolcanic flow rocks. The felsic units host minor finely disseminated magnetite, arsenopyrite and pyrrhotite. Several zones of massive pyrite are also found in brecciated felsic rocks. These zones have been referred to as the "Holstrom" showing, but no data exists on the property. Precious and base metal assays are currently being conducted on several grab samples.
>
> I recommend great stripping to expose rocks in the area of the main showing, and along buried contacts.

Further evaluations of collected data prompted Mike Cosec to submit a more formal and detailed description of his findings which are presented as follows:

> PROPERTY EXAMINATIONS
>
> T. Holmstrom (Richardson Lake) Occurrence
>
> This small sulphide occurrence is located near the west shore of Richardson Lake in Rhodes Township at UTM co-ordinates 470800E 5196900N, approximately 55 km from Sudbury. Access is by bush road from Cartier or float plane to Richardson Lake.
>
> No previous information has been published, and only some handwritten correspondence from the 1930's makes note of this locality. The occurrence was initially staked in the 1930's, by T. Holmstrom, who is known for the discovery of several precious and base metal occurrences in the area, particularly Botha Township

---

3 Thomson, J.E., Nov. 29, 1949. Correspondence to J.A. McClasky (Toronto, Ont.) and Thure Holmstrom (Benny, Ontario, 2 pages.

4 Cosec, M.
August 9, 1991. Correspondence and assay data to Harold J. Tracanelli, 2 pages

to the east. Holmstrom conducted trenching on at least two different sulphide zones which were observed by the author. Other work appears overgrown. Bharti Laamanen Mining Incorporated recently re-discovered this work and staked four claims over the ground. The occurrence is found on claim S.1095077. Outcrop coverage on the claims is relatively sparse. In 1991, the company completed trenching on the old workings, magnetometer and VLF electromagnetic geophysical surveys, and limited geological mapping over the entire property (Sudbury Resident Geologist's assessment files). The regional geology has been described by Dressler (1980).

The area in the vicinity of the claims is underlain by east-trending Archean mafic metavolcanic rocks termed by Dressler (1980) as amphibolite, as well as intermediate to felsic metavolcanic rocks. Some iron formation is present within the amphibolite and at the amphibolite-intermediate to felsic metavolcanic contact. These have been intruded by granitic rocks, particularly to the north. Paleoproterozoic Huronian Supergroup sedimentary rocks unconformably overlie, or are in fault-contact with the Archean units.

The amphibolite in the area of the showing is fine to medium-grained and well foliated with bands of feldspar, quartz and hornblende. The rock is dark green to black and locally weathers dark brown. Foliation appears to strike 280° and dip 40°N. The bands are up to 10 cm wide and exhibit tight, small scale folding in hand specimen. Thin section analysis shows hornblende altering to epidote and chlorite. The amphibolite-intermediate to felsic metavolcanic contact is sharp and strikes 290° and dips 85°S. The intermediate to felsic unit appears fine-grained to aphanitic, light grey to light green and weathers grey to buff. Fine laminations are present and may be representative of a primary sedimentary structure, however, most features have been obliterated by alteration. The rock appears highly epidotized in hand specimen and the thin section reveals plagioclase crystals are highly saussuritized.

Zones of sulphide mineralization and gossan are present at the contacts of the amphibolite-intermediate to felsic metavolcanic rock in the trench (Figure x). The only sulphide observed was fine to medium-grained pyrite. It occurs either massive or strongly disseminated through the intermediate to felsic metavolcanic unit associated with pervasive silicification. Quartz veins, from 1 to 10 cm wide, mimic the trend of the units (i.e., 290°). The massive pyrite from the trench assayed 1.7 ounces Ag per ton and 0.003 ounces Au per ton (Temiskaming Testing Laboratories, Cobalt). The disseminated pyrite lacked precious metals. A possible fault, trending 300°, cuts the amphibolite in the north end of the trench, but does not appear to have any impact on mineralization or alteration. Approximately 30 m east-southeast of the trench, on the shore of Richardson lake, is a small outcrop of weak, finely banded iron formation. It is essentially composed of magnetite and chert, with compositional banding in the magnetite beds up to 10 mm thick. Minor pyrite is also present within the magnetite beds. Lorraine Formation quartzite unconformably overlies the Archean units in the northeast.

The recent geophysical surveys by Bharti Laamanen Mining Incorporated suggest some magnetic anomalies may represent mafic dikes. However, none have been mapped in the immediate area. The VLF electromagnetic survey has identified a northwest-trending conductor approximately 100 m east of the trench (Lambert, G. and Turcotte, R. 1991). This conductor may be an extension of the exposed sulphide zone. The company plans to conduct trenching over this conductor and detailed geological mapping over the claims in 1992.

In conclusion there has been very little or no meaningful detailed government geological activity in the area since the preliminary fieldwork carried out by Dressler in 1975.

There are some important new findings which have been made since Dressler carried out his work over 16 years ago.

The recent discovery of copper, lead, zinc and silver mineralization in the Richardson Lake area may renew governmental interest, which may spur the initiation of a truly detailed study of the area geology which may ultimately lead to renewed exploration activities.

6.0 EXPLORATION HISTORY

Throughout the years as long as there have been people travelling over the major water routes in the area, across portages, etc., there would probably have been those who at least quickly glanced at, or broke away, fresh rock for further examination. Since the Onaping River system was often navigated by trappers, loggers and hunters, it is conceivable that prospecting could have taken place well over 100 years ago.

The first government work carried out by geologist Robert Bell in 1888 to 1890, describing the rocks of the Onaping Lake area, may have helped to expose and identify this new mineral exploration area to prospectors.

There is at this time very little evidence that exists other than the occasional overgrown trenches or pits which would indicate that previous work had ever been carried out in the area. Unfortunately there is very little documentation to support most of this very old work.

In most instances it is very difficult to determine precisely what commodity might have been sought. What information is available is primarily in the form of public assessment files or private estate documents. It would appear that the main focus of exploration activities was somewhat centred around the search for iron.

In 1904 M.T. Culbert studied the known iron deposits in the Hutton Township area 18 miles to the southeast. Over time the iron formations in metavolcanics were traced northwestward into and across Roberts, Botha, Rhodes and Emo Townships. With the discovery of the iron formation came the prospectors and exploration-mining companies ready to exploit the resources during the periods of high demand.

During this period various mining and logging roads were developed, which allowed for easy access to the areas allowing for the additional exploration for iron to be carried out. According to the available documentation only iron was extensively explored for with little apparent attention being paid to precious or base metals.

An extensive search through the government records has shown that most of the activity was restricted to a narrow band of metavolcanic rocks which was known to host the iron-bearing formations. Very little or no exploration attention was directed towards the northern areas of the volcanic belt within the felsic suite of rocks west and north of Richardson Lake. The first and only mining claims that were staked on what is now the BLMI Richardson Lake Property, numbered S-

25747 and S-25748 were staked on January 22, 1934 and held by Thure Holmstrom. It is believed that the original claims were staked to secure a strong sulphide showing near the western shore of Richardson Lake. A large blasted pit and a couple of smaller hand dug trenches containing appreciable sulphide mineralization,are believed to be part of the original Holmstrom workings and were found to be heavily overgrown with large trees and brush when rediscovered in 1990 after 57 years. Up until currently there was no government information to indicate the location or results of work carried out in the area. Only by examining private documentation from the Thure Holmstrom estate was it possible to relocate the old workings.

Throughout the Emo, Rhodes and Botha Township areas, Thure Holmstrom, who was thought of as somewhat of a loner and is believed to have prospected extensively throughout the area in search of iron, precious and base metals. In the 1930's Thure Holmstrom discovered the first lead and zinc deposit at Venetian Lake in Botha Township.

Although Holmstrom is most noted in the documentation for working around the iron deposits south, west and east of the BLMI ground, locals claim that he discovered gold on Bennet Lake and elsewhere around the Township, but liked to keep things to himself.

Detailed prospecting expeditions in 1990 west of Richardson Lake by prospector Ted Miron of Sudbury resulted in the discovery of a strong zone of chalcopyrite and silver mineralization in a veined shear zone in basaltic rocks. A short distance to the south Miron discovered a large quartz vein in metavolcanics extending along strike for a few hundred feed and was found to carry gold in the 0.05 oz/ton gold range.

In 1990 and 1991 detailed geology, geophysics and geochemistry investigations were carried out by the BLMI exploration crew, lead to the discovery of strong base metal mineralization associated with altered felsic metavolcanics near the contact with mafic metavolcanics. The detailed work has indicated that the mineralization occurs within a northwest trending zone, several feet thick with an estimated strike length of at least 4000 feet.

In the early fall of 1990 Falconbridge Limited acquired a large block of claims in Rhodes Township completely surrounding the BLMI group. In late December of 1990 the company commissioned an airborne geophysical survey to be flown over the claims. The results of the airborne survey has indicated several anomalies located between the BLMI claims and the known iron formation a short distance to the south.

The Falconbridge Limited airborne anomaly R8 has an estimated length of 1100 meters +\- and was

found to trend deep into the BLMI claims, somewhat paralleling the western shore of Richardson Lake. Approximately 800 meters of the anomaly occurs within the BLMI claims and may represent mineralization on a geological contact.

Recent geological investigations on the BLMI claims have confirmed the presence of base metal mineralization near the contact of the mafic and felsic metavolcanics in the area.[5]

The large pit blasted by Holmstrom in the 1930's appears to be situated near the central portion of the mineralization zone. Most of the mineralization recently uncovered was found under a considerable thickness of soil and moss which does not appear to have been disturbed.

In conclusion, the discovery of a number of well mineralized geological formations in the unexplored areas north and west of Richardson Lake should be considered significant and may be indicative of future mineral deposits yet to be discovered.

---

[5] A Geotem R EM and magnetic survey
Rhodes VMS project, Rhodes Township, Ontario. For Falconbridge Limited
Chris Vaughan, Chief Geophysicist and Glenn Boustea, P. Eng. Geophysicist, May 1991

7.0 REGIONAL GEOLOGY OF THE RICHARDSON LAKE GREENSTONE BELT AND SURROUNDING AREAS

The Richardson Lake Greenstone Belt which is most profoundly evident throughout the southern half of Rhodes Township, is underlain by Early Precambrian massive metavolcanics-metasediments to ortho or paragneiss. These are the oldest rocks in the region and are thought to be genetically related to those volcanogenetic rocks found in the Benny or Geneva Lake Greenstone Belt to the southwest and the Onaping-Marshay-Dublin Township greenstone enclaves found to the north-northwest. It is conceivable that these more or less segmented belts of rock were once part of the large Abitibi volcanic terrain. Near the closing periods of the Early Precambrian, vast volcanic regions were intruded by large masses of assorted granites. The emplacement of the granitic rocks, as well as the advent of much later erosion, ultimately began the process which has led to the current positioning of the various greenstone belts as they are seen today in the areas north and west of the Sudbury Basin.

The most active period of geology is thought to have occurred in the early Precambrian time. It is in the early Precambrian that most of the mineral deposits were thought to have formed, particularly those thought to be volcanogenetic in origin. Archean mineral deposits in the region include the former Geneva Lake Pb, Zn, Cu, Ag, Au Mine, Stralak Pb, Zn, Cu,Ag, Au deposit, Venetian Lake Pb, Zn, Cu, Ag prospect, Zinc Lake-Marshay Township Zn, Pb prospect and the Dublin Township Pb, Zn prospects are thought to have a volcanogenetic origin. Algoman type magnetite-iron mineralization found within mafic metavolcanics and fine grained metasediments occur primarily throughout the Richardson Lake Belt and extending eastwards, were formed around the same time as the known sulphide deposits.

Middle Precambrian or Proterozoic Huronian Supergroup of metasediments, consisting of fine or coarse clastic debris to fine grained carbonated sands or muds were deposited upon the Archean basement unconformity.

Throughout the Richardson Lake Greenstone Belt most of the Huronian rocks are confined to the western areas and consist of Lorrain Formation Quartzites overlying Gowganda Formation conglomerates and sandstones. Isolated embayments or fault block segments of these metasedimentary rocks can be found scattered amongst the greenstone areas and are a manifestation of a once far more expansive cover of sediments now eroded away.

Late in the Proterozoic period large, more or less elongated shaped bodies of Nipissing type diabase intruded into the Huronian metasediments and archean metavolcanics of the Richardson Belt. These sill or dike-like features are most prominent in Botha and Roberts Township, but do occur on a minor

scale just west of Richardson Lake in Rhodes Township and possibly to the west of Emo Township.

Irregular masses and inclusions of Sudbury Breccia pseudotachylite and ultramylonite are thought to have preceded the emplacement of the Nipissing type intrusives and are commonly found throughout the volcanic-granitic and metasedimentary terrains for many miles north of the Sudbury Basin.

Middle to late Precambrian northwest and minor northeast trending olivine diabase dikes are quite common throughout the region. These dikes appear to occur more commonly with the granitic rock, less commonly in the metavolcanic rocks and are not known to intrude the Huronian rocks. The Huronian sediments-Olivine diabase age relationship is disturbing and is a geological enigma, particularly in the Richardson Lake and Benny Greenstone Belt areas.

Structural events throughout the region include multiple folding and faulting episodes which are thought to have occurred throughout the Precambrian. Regional folding and faulting in conjunction with local variations most certainly would have played an important role in the large scale positioning of terrains.

Structural episodes may have also been responsible in aiding the development, remobilizing-contorting etc. of potential mineral deposits.

8.0 BRIEF LOCAL GEOLOGY ON THE BLMI RICHARDSON LAKE PROPERTY

The four BLMI mining claims are geologically situated over what is thought to be the lowermost volcanogenetic sequences of the remaining exposed remnants of a larger once more extensive volcanic pile. Regional folding and faulting were somewhat responsible for the positioning of the sequences into what is known as the Richardson Lake Greenstone Belt.

The Richardson Lake Greenstone Belt is exposed intermittently over a distance of from 12 to 15 miles in the east-west direction and has an exposed eroded thickness of approximately 4 miles. The rocks of the belt consist primarily of amphibolite grade mafic to intermediate sequences with more or less subordinate intermediate to felsic metavolcanic rocks. The volcanic rocks are often intruded by quartz and Olivine diabase dikes. High grade granulite facies metamorphism has transformed many of the original volcanics in the southern portion of the belt into Biotite-plagioclase gneisses. The volcanogenetic sequences of the belt are thought to have been interconnected and possibly genetically related at one time to the rocks of the Benny Greenstone Belt to the southwest and the Parkin Greenstone Belt to the east. Both the Benny and Parkin belts are known to have certain metavolcanic or metavolcanic rocks which host appreciable base metal deposits rich in zinc and lead with less copper, silver and gold.

More specifically the geology of the BLMI property primarily consists of intermediate-felsic flows, tuffaceous and metasedimentary rocks overlain by a very thick sequence undifferentiated mafic to intermediate amphibotite grade metavolcanics. These rocks may represent former coarse volcanoclastic rocks, possibly associated with a nearby volcanic vent.

At present most of the work has been centred on delineating the various stratigraphy of the lower metavolcanics. Much information on the petrology, mineralization etc. has been gathered from studying these sequences, but requires refinement and further study. Presently there is little known about the overlying amphibolite rocks.

When lead and zinc sulphides were discovered in the intermediate to felsic rocks, most of the immediate attention was directed towards attempting to identify and define additional mineralization. Because these mineral bearing rocks were found to occur in low swampy areas, large outcrop exposures are quite limited. More detailed work in the exposed showing areas lead to a more thorough understanding of the surrounding geology.

The intermediate to felsic metavolcanogenetic sequences are believed to trend an estimated 4000 feet +\- across the BLMI property. The sequences trend north to northwest occurring parallel to the

western shore of Richardson Lake. Near the central area of the property the stratigraphy has been bent inland from the lake and strikes west to slightly west-northwest. The rocks dip towards the west and south at varying angles ranging from 35° to 70° +/-. Geological investigations of the exposed intermediate to felsic sequences has shown that the rocks consist of thinly laminated rhyolitic flows with intermittent int-fel ash deposits. Interruptions in the flows appear to be marked by contorted and/or brecciated flow tops which are facing southwards. The indication of flow tops are marked by the presence of highly silicified laminations with folded and broken segments of infilled quartz masses, some of which may have represented former quartz veins. The intercalated tuffaceous rocks consist of fine grained intermediate rock fragments with occasional rounded pebble-sized fragments of amphibolite. These amphibolite fragments may have been derived from mafic rocks which are known to occur in the northern reaches of the belt. Some of the tuff rocks may have undergone some welding, possibly during the deposition as ignimbrites. The southernmost exposure of the Int-Fel rocks is located near the lakeshore a short distance south of the Holmstrom showing. The sequences in this area are slightly different than those rocks along strike further to the west. The rocks in the Holmstrom showing area consist of intermediate tuff or flows with intercalated laminated to massive rhyolite and andesite flows. All of these rocks strike towards the northwest and dip southwest at 47° to 52° +/-. Overlying the tuff and flow rocks is a well developed sequence of bedded or laminated felsic metavolcanic or metasediments. These rocks which have an approximate thickness of about 40 feet +/- have been highly carbonated and resemble no other rock type in the area. Within these carbonated rocks, at least three cherty pyritic horizons have developed ranging in thickness from approximately 1 ft. to 6 or 7 ft. +/-. The development of these nearly massive sulphide-cherty strataforms horizons suggest possible close proximity to a volcanic pipe or vent. The discovery of thin quartz porphyry dikes intruding the int-fel sequence to the northwest would support the theory of local pipes etc. The potential existence of volcanogenetic massive sulphide deposits in the property area may also be indicated by the presence of large inclusions to disseminations of sphalerite, galena and copper sulphides, including massive thin veins or stringers of magnetite, pyrite and pyrrhotite, which often cross-cut stratigraphy. Much of the base metal and stringer mineralization was found to occur west along strike of the chert-pyrite horizons at the Holmstrom showing and are presently only exposed east of a thickened or potential dome shaped sequence or feature of very coarse grained pyroclastic rocks found near the western property boundary. Coarse pyroclastic rocks were also noted in the "HJT" showing area. Because of the limited outcrop exposures, particularly along the western strike extent, it is difficult to make a thorough assessment.

All of the mineralization so far encountered within the intermediate to felsic sequences was found to occur as close as 5 feet to 50 feet +\- below the mafic amphibolite contact.

Many of the intermediate to felsic rock sequences were subjected to large scale hydrothermal

alteration. Many of the rock types have been extensively carbonated, silicified and epidotized. The effects of the hydrothermal alteration may have also resulted in the remobilization or deposition of sulphide minerals, particularly within the carbonated rocks. Sphalerite, galena, chalcopyrite and minor pyrite appear to be most often associated with highly carbonated to silicified, often brecciated felsic flows.

Pyrite, pyrrhotite, magnetite with lesser sphalerite, galena and chalcopyrite are often found within the highly silicified and epidotized intermediate to felsic tuff and possible flows. Portions of the sequences show that strong brecciation has taken place. The breccia matrix often consists of the remobilized host rock healing the various size fragments. Often the infilled matrix or sometimes non-local clasts contain disseminations or significantly sized inclusions of sphalerite, galena or pyrite. The bringing up of the massive sulphides through a breccia pipe or fault break might possibly suggest strong mineralization could be found below the currently exposed sequences.

Locally sericite schists with finely disseminated sulphides and very minor graphite has developed a short distance below the mafic contact.

The geological contact between the mafic amphiboite rocks and the underlying flows and tuffs can be sharp to weakly gradational. At the Holmstrom showing near the lake shore, the contact between the felsic carbonated rocks and amphibolite is marked by a fault. The fault-contact at this location dips steeply towards the east and is thought to be a parallel manifestation of the Richardson Lake Fault.

Further to the west along strike the intermediate-felsic, amphibolite contact appears to be gradational across a couple of feet, and normally dips towards the south and southwest conforming with the down dip of the underlying rocks. Near the contact some of the flow or tuff rocks have undergone devitrification to form spherulitic textured rocks. Because of the gradational nature and the development of spherulites, it is difficult to pinpoint the exact location of the contact.

The fine to coarse grained amphibolite rocks with fine felsic partings or narrow bands may in part represent former volcanoclastic flow type rocks with intermittent felsic to intermediate flows or tuff layers. Within the amphibolite there may occur weak iron formations and narrow quartz-orthoclase pegmatite dikes are quite common.

Throughout the property the rocks appear to have been moderately folded. Antiformal features are quite evident at the Holmstrom showing area while Z drag folding, plunging shallowly towards the west has been observed in both the felsic to intermediate sequences below the amphibolites as well as within felsic bands within the amphibolites.

The folded rocks were found to plunge towards the west and southwest at approximately 40° to 45° +/-. In turn the antiformal feature appears to have been refolded into a synformal feature having a north-northeast axial plane and an axis plunging towards the south-southwest, possible conformable with presently observed foliation.

Presently visible rocks found on the west or southwest limb of the fold are thought to be younging towards the south while rocks on the east or northeast limb should be overturned. Refolding and potential faulting may have resulted in forming a highly complex arrangement of rocks.

Faulting of the rocks also resulted in the development of radiating dilatant fractures in both mafic and intermediate to felsic volcanics. Fracturing of the rocks can be quite intense and appear to cross-cut stratigraphy at near right angles. Some of the fractures were infilled with remobilized felsic materials in the amphibolite rocks and quartz or quartz carbonate with or without sulphides in the intermediate to felsic rocks. The prominent sulphides found within the int-fel rock infillings is galena with lesser pyrite or sphalerite. Epidote crystals are often found within quartz infillings. At certain locations the cross cutting fractures are incredibly intense but show no sign of infilling. It is possible that the healed and open fractures may be related to slightly different structural affiliations such as the result of more than one folding episode.

Contemporaneous to or shortly thereafter folding etc., a large body of granitic magma primarily consisting of granodiorites and monzonites is thought to have intruded into the volcanic terrains in the region, near the close of the early Precambrian. The emplacement of this very large mass of rock resulted in the continued deformation and probable cooking up of the volcanic rocks. Results of contact metamorphism are evident in thin sections, examined where, for example, some of the amphibole minerals have been altered to epidote, chlorite etc. Certain mineralization assembledges or structural features such as the ever common faults, joints and lineaments may be related to the emplacement of the granite masses.

A large irregular inclusion of white quartz with large segments of rhombic carbonate intruding amphibolite rocks just above the mafic, intermediate-felsic contact, may be a result of the remobilization of siliceous and carbonate materials from rocks below while the granites were being emplaced.

Following a period of erosion, Middle Precambrian, Lorrain Formation quartzites were deposited over the area. These metasedimentary rocks were then intruded by a sill or dike-like feature of gabbro. Minor small scaled inclusions of late Precambrian Sudbury Breccia are evident at the south end of the property while a couple of narrow diabase dikes were found to trend parallel to or crosscut geology

in the western and southern limits of the property.

The geology of the property area has been well fractured as a result of the adverse movements of the Fecunis Lake Fault to the west and the Friday Lake Fault to the east. A suspected fault which has been clearly identified on air photographs, running the length of Richardson Lake is parallel to and thought to be directly related to the two above mentioned faults. A series of faults is known to occur parallel to the western lakeshore, and are thought to have developed concordantly within the amphibolite and the underlying intermediate to felsic rocks.

Numerous splays or secondary fracture systems may have developed off of the primary north, northwest trending fault.

Most of the faults which are thought to be directly related to movements along the Richardson Lake fault trend north to northwest, dip steeply east and west and are right laterally separated. Stereographic projection work has shown that the predominant shifting has taken place along steeply dipping north,northwest trending fracture systems, which suggest early movement occurring along the Fecunis and Friday Lake Faults.

Secondary north-east trending steeply dipping left lateral faults have been identified cross cutting geology on the property. These faults appear to have developed due to the tension and compression developed near the centre of the large block of rock between the Fecunis and Friday Lake faults.

Late left lateral movements along the Fecunis and Friday Lake Fault would have released the stresses which resulted in the development of north-east trending splays off of the Fecunis Lake Fault. Similar north-east splays are evident running off of the Friday Lake Fault near Sandfly and Venetian Lakes.

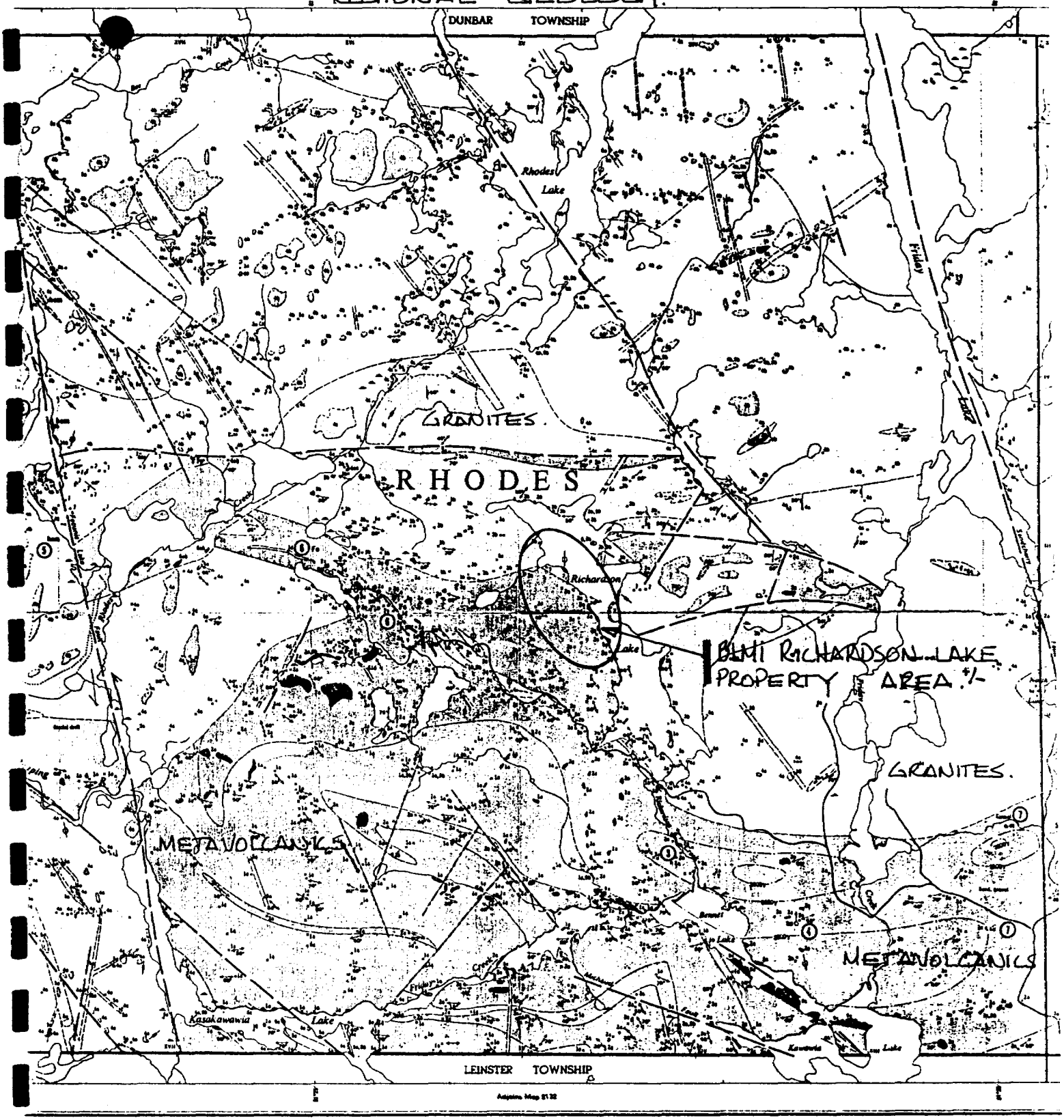
Geological mapping has shown that the prominent north-west trending faults have what appears to be very obscure vertical or horizontal movement components. Secondary north-east trending faults appear to have a significant horizontal movement component, as is evident in the results of conventional ground geophysical and geological surveys.

Most of the significant breaking and deep weathering associated with faults on the property is most often observed associated with the north, north-west trending faults. It is unknown if these faults played a role in the positioning of potential mineralization. It is suspected that the secondary northeast trending faults may have been more important in the positioning of mineral bearing geology.

Geological, geophysical and geochemical studies would indicate that the favourable intermediate to felsic sequence, below a thick cover of former mafic volcanics, has an estimated strike length of at least 4000 feet +/-. The true width of the sequence is as of yet unknown, due to the scarcity of outcroppings in swampy areas found along the general trend.

The presence of strataform sulphide-chert horizons including disseminated base metal sulphides and stringers observed in conjunction with the thickening of fine to coarse grained pyroclastic and flow type rocks along strike to the west may indicate the potential for volcanogenetic massive sulphide base metal deposits. The potential may also exist for secondary mineral deposits in all rocks in the property area. The rocks in the property area have been subjected to hydrothermal processes, folding and faulting episodes, all of which may have played a role in the concentration or positioning of mineral bearing strata.

The following information is the descriptions of the various rock and mineral samples which were collected during the various fieldwork periods carried out on the property. The descriptive pages include the sample numbers, grid co-ordinates and the actual descriptions of the materials which were examined. Please refer to Appendix I for the complete listing of the analytical results.



Ontario Geological Survey
Map 2413

EMO, RHODES and BOTHA TOWNSHIPS

SUDBURY DISTRICT

Scale 1:31,680 or 1 Inch to ½ Mile

Figure No. 3

RICHARDSON LAKE
Sample Descriptions

052690-001 (6+26S, 2+87E) "Holmstrom Showing"	Upper sulphide horizon consisting of massive to semi-massive sulphides which were originally deposited upon a carbonate-silica rich rock. The carbonate-silicate rocks were subsequently brecciated. Some vug-like features were noted within the sulphide horizon. The exposed sulphide minerals, consisting primarily of pyrite were found in the old blasted trench have been weathered to form a strong gosson cap.
052690-002* 5+95S, 2+44E)	Fine to medium grained, grey to cream coloured, laminated and folded carbonate rock, with minor quartz remobilization. The carbonate contains traces of disseminated pyrite and pyrrhotite. This sample was collected a short distance towards the northwest of the "Holmstrom Showing" trench area.
053090-001* (26+00S, 1+32E)	Intermediate metavolcanic (andesite) which has been intruded by a series of thin, but noticeable quartz veins with intermixed blades of actinolite/tremolite. These narrow veins often carry traces of chalcopyrite and pyrite. The sample was collected approximately 340 feet east along the east/west claim line from the BLMI/H.Tracanelli claim post S-1095080-3 SMD.
053090-002* (6+025, 2+197E) "Holmstrom Showing"	Silicious metavolcanic rock with some carbonate vein infilling and replacement. The rock carries trace to 1% disseminated pyrite, pyrrhotite and possible base metals. This sample was obtained from the far east end of the Holmstrom trench. The rocks in the area are likely to have been subject to folding and weak shearing. The exposed surfaces often have a rusty appearance.
053090-003 (6+04S, 2+94E) "Holmstrom Showing:	Felsic metavolcanics with weakly developed laminations and weak sericite schistosity alterations. The rock contains from trace to 7% fine disseminated pyrrhotite and pyrite.
053090-004* (6+35S, 2+82E) "Holmstrom Showing"	White to blue-grey carbonate rock which appears to be weakly laminated and contains traces of finely disseminated pyrite and pyrrhotite
053090-005* (6+19S, 2+88E) "Holmstrom Showing"	Fine to medium grained grey carbonate rock which has undergone some folding and is brecciated due to the effects of folding and possibly faulting. The rock contains trace amounts of pyrite and pyrrhotite and has a slightly rusty appearance.
053090-006* (6+09S, 2+94E) "Holmstrom Showing"	Fine to medium grained, grey to rusty yellow coloured, laminated and weakly folded, carbonate rock with some remobilized calcite. The rock has undergone notable alteration indicated by the development of sericite or muscovite. The sericite or muscovite bearing rocks may be weakly schistose. These rocks were found to occur in the footwall of the upper sulphide horizon exposed within the old Homstrom trench.
053090-007* (6+22S, 2+89E) "Holmstrom Showing"	Fine to medium grained, grey coloured, quite friable to solid, well bedded/banded, folded and faulted carbonate rock with traces of finely disseminated pyrite and pyrrhotite. Some portions of this unit have a silty-gritty texture which may have been in part developed as a result of folding, faulting etc. This carbonate sequence was found to occur within the footwall area of the upper sulphide horizon.
053090-008* (6+25S, 2+88E) "Holmstrom Showing"	Well brecciated and highly folded carbonated rock which is the host rock of the upper sulphide horizon and consists of massive pyrite, pyrrhotite with some quartz and possible base metals. The upper sulphide horizon has an estimated thickness of 5 feet +/-.
053090-009* (6+30S, 2+83E) "Holmstrom Showing"	Carbonate-rich rock with trace to 1/2 % sulphides on the hangingwall side of the upper sulphide horizon.
053090-010* (6+30S, 2+83E) Holmstrom Showing	Fine to medium grained laminated folded and partially brecciated carbonate rock. There are thin seams of pyrite and pyrrhotite which have developed or were laid down concordantly parallel along the laminated-layered fabric of the rock. This sample has been collected from the hangingwall side of the upper sulphide horizon exposed in the old Holmstrom trench.
053090-011* (6+35S, 2+82E) "Holmstrom Showing"	Fine to medium grained grey to white coloured, massive to weakly banded carbonated rock with traces of finely disseminated pyrite and pyrrhotite. The sample was collected from the west end of the blasted Holmstrom trench. These rocks belong to the hangingwall sequences above the supper sulphide horizon.

13

RICHARDSON LAKE
Sample Descriptions

053090-014* (7+43S, 3+48E)	Please refer to sample 301924-014 for a detailed description of the materials collected.
RL001 301601 (7+10E, 8+25N)	Gowganda Formation conglomerate rock which have been intruded by an irregular mass of Sudbury breccia. The breccia matrix has the colour and texture and possible petrographic characteristics of an intermediate volcanic rock with numerous clasts of country rock of variable composition. Portions of the rock contain numerous black biotite phenocyrsts, as well as containing trace amounts of sulphide minerals. Portions of intrusive may represent a lamprophyre-like rock.
RL002 301602 (4+30N, 6+90W)	Medium to coarse grained cream to light green coloured Lorrain Quartzite. The rock generally consists of an equigranular vitreous to white-smoky quartz grains with the rare occurrence of vitreous quartz pebbles. The rock also contains 1% to 2% of finely disseminated red-orange oxide minerals scattered throughout. The quartzite may also contain a very small fraction of feldspar minerals, which exist in trace amounts. The pronounced green colour of the rock is probably due to the presence of finely disseminated sericite minerals scattered amongst the quartz grains. On a more regional scale, the quartzites usually have well developed expansion joint sets in two or three prominent directions. On a smaller scale numerous fine microfractures have developed. Some of these microfractures were infilled with very fine grained white carbonate or silicate minerals which sometimes carry fine traces of sulphides. Rarely thin white to grey discontinuous winding quartz veins have been intruded into the quartzites, probably along former joints. No sulphides were observed within any of these small quartz veins. Of notable exception to this was the discovery of the 350 Vein. The 350 Vein consists of a 2 ft. wide quartz vein which has intruded the Lorrain Quartzites. The vein carries notable pyrite and chalcopyrite, and shows significant alterations, particularly along its contacts. At this time the 350 vein is the only such mineralized vein known to occur with the quartzites n the general area.
RL003 301603 (0+23S, 3+47W)	Medium grained blocky gabbroic rock with trace disseminated pyrrhotite and pyrite.
RL004 301604 (0+29N, 2+82W)	Medium fine grained, cream to tan coloured Lorrain Quartzites which have been subjected to moderate tight fractures which are thinly smeared with sericite and lesser chlorite minerals. The rock consists primarily of highly compacted grains of quartz with traces of finely disseminated rusty mineral oxides (limonite) and extremely fine grains of sulphide minerals. The matrix of the quartzite may also contain finely disseminated sericite and chlorite minerals which may lend to its colour. The sample was derived from the contact area where a known late period gabbroic intrusion had been emplaced within the quartzites. In comparison to those quartzite rocks observed at a distance from the gabbroic intrusion, RL004 appears to be noticeably finer grained, probably undergoing partial recrystallization. These quartzites carry more abundant sericite and chlorite than the above described quartzites. The rocks are generally very competent and do not appear to have undergone any substantial weathering.
RL005 301605 (3+29S, 9+07W) "HJT Showing"	Very highly altered, carbonated and silicified felsic volcanic flow. Locally fine disseminated galena can be observed. The rock is highly differentially weathered. Manganese surface weathering has been observed.
RL006 301606 (3+22S, 9+07W) "HJT Showing"	Highly epidote altered laminated felsic volcanic flow with traces of sulphides and distinctive iron and manganese surface weathering.
FL007 301607 (3+16S, 9+04W) "HJT Showing"	Very highly altered, faulted epidote-silicified rusty gossan sulphide zone. The highly deformed metavolcanic rocks were found to contain traces of disseminated pyrite to thin but massive lenses of pyrite which have developed concordantly with the primary fabric. The rocks are deeply weathered in places and have been altered to form iron and manganese oxides. The sample material was collected over the two foot width of the sulphide gossan zone.

RICHARDSON LAKE
Sample Descriptions

RL008 301608 (3+12S, 9+04W) "HJT Showing"	Well layered grey to greenish coloured felsic metavolcanic flow is believed to have undergone a period devitrification alteration. Much of the rock has the characteristic alternating siliceous-iron bearing mineral layers of quartz and amphibole minerals. The amphibole mineral is believed to be actinolite and has generally developed a somewhat linear fabric which may reflect upon the former original layered fabric of the rock. The actinolite layers are separated by very siliceous-rich layers. Portions of this rock appear to have been subjected to partial recrystallization which resulted in the development of elongated quartz boudins concordant with apparent foliation. Much of the rock contains 1 to 3% of very finely disseminated, wispy inclusions of pyrrhotite-pyrite with lesser quantities of chalcopyrite. As a result of additional alteration, it would appear that an unknown amount of extremely fine grained epidote was introduced within the rock. Alteration also allowed for the recrystallization of silica and allowed for the introduction of minute quartz veins and boudins. The quartz veins and boudins appear to have allowed for the remobilization of chalcopyrite followed by pyrite. Weathering alteration of the pyrite has resulted in the development of light coloured limonite, while the copper sulphides have rarely altered to a deep blue oxide (possible azurite) and traces of malachite. A very small amount of cream yellow carbonate mineral appears to be associated with the actinolite mineralization in areas where it appears to be breaking down. These altered portions of the rock may represent once larger lapilli fragments within the ash deposit. This rock is closely associated with a highly brecciated Mn epidote altered rock from the immediate area.
RL009 301609 (0+25N, 15+29W)	Intermediate to felsic coarse grained pyroclastic rock which has undergone some alteration to sericite mica. Some quartz remobilization in the outcropping area is evident.
RL010 301610 (6+22S, 2+92E)**	Fine to medium grained, weathered tuff of intermediate to felsic composition. The rock appears to contain some agglomeritic fragments with intermittent chert lenses. The rock has undergone alteration to fine grained biotite-chlorite and carries from trace to 10% finely disseminated pyrrhotite and pyrite.
RL001 30611 (6+22S, 2+92E)**	Highly weathered rusty chert with fine disseminated to massive lenses of pyrite, some of which has been or is being leached away.
RL012 301612 (6+22S, 2+92E)**	Medium grained finely laminated tan-yellow to grey granular carbonated rock which has been subjected to microfolding. The rock contains trace to 1% finely disseminated pyrite.
RL013 301613 (6+22S, 2+92E)**	Fine grey carbonated rock with fine grained disseminated pyrite.
RL014 301614 (6+22S, 2+92E)**	Fault gouge rock in a highly carbonated and laminated rock.

RICHARDSON LAKE Sample Descriptions	
RL015 301615 (6+22S, 2+92E)**	Highly brecciated former cherty rock with minor carbonate interlayerings which have been subjected to intense fracturing as a result of fault movements. Lenses of massive granular like pyrite have been deposited within the laminated rock which have since been fractured. The mineralization appears to have originated as a strataform volcanogenetic sulphide horizon within a cherty metasediment which interrupted the sequences of the more massive carbonated rocks above and below. Following the deposition of the sulphide mineralization, the rocks underwent Z folding, which suggests the development of some type of antiformal structure. The possible fold axis and axil plain is thought to be located towards the east. A suspected fault trace trending the length of Richardson Lake may have developed along the potential fold plain. At least two distinctive mineralogenic horizons of sulphide mineralization occurs in the sequence having a minimum thickness of 5 to 6 feet and plunges towards the northwest, being controlled, it is believed, by the prevailing structures. Throughout much of the carbonated sequences, there are fine cherty interlayerings which were found to contain various amounts of sulphide mineralization, primarily pyrite. Each one of these cherty sequences probably represents a volcanogenetic episode of the expulsion of sulphuric and iron-rich fluids derived from fumarole vents located in the proximal geological area.
RL016 301616 (6+22S, 2+92E)**	Medium to fine grain grey carbonate with bands of tan to yellow coloured carbonate with trace amounts of sulphides. Occasional oval shaped quartz fragments were noted within certain carbonate bands. Sample collected across 3.5 feet +/-.
RL017 301617 (6+22S, 2+92E)**	Tightly Z folded horse of carbonated rock encompassed by a portion of the folded sulphide mineralization. A sample was collected across 1.5 feet +/-.
RL018 301618 (6+22S, 2+92E)**	Medium to fine grained carbonated rock with yellow tan laminations located between a fault zone and the hangingwall side of the upper sulphide horizon. A sample was collected across 1.25 feet.
RL019 301619 (6+22S, 2+92E)**	Very highly fractured fault gouged chert-rhyolite rock with numerous quartz fragments. The broken rocks also carry notable Mn (wad) and fine lenses of massive pyrite have developed parallel to an apparent fault plain. As is the case with the thick sulphide sequences found stratigraphically below, this significantly thinner chert sulphide bearing rock is thought to be strataform in origin. A sample was collected over 1.50 feet +/-.
RL020 301620 (6+22S, 2+92E)**	Yellow cream coloured coarse rhombic calcite vein up to 2 inches wide with minor off-shooting tangent veins. The vein has been emplaced within a massive carbonated rock. No visible sulphide minerals were noted. A grab sample was collected.
RL021 301621 (6+22S, 2+92E)**	Grey coloured medium grained partially recrystallized carbonate rock which contains minor quartz fragments and 1% disseminated pyrrhotite and pyrite. A sample was taken across 2.50 feet +/-.
RL022 301622 (6+22S, 2+92E)**	Partially recrystallized (silicified) rhyolite rock with 3% finely disseminated pyrrhotite and pyrite. The rock shows some laminations and is moderately rusty on the surface. The rhyolite rock is in contact with overlying mafic volcanic rocks along what is believed to be a fault contact. A sample was taken across 3.0 feet +/-.
RL023 301623 (6+22S, 2+92E)**	Mylonitic? mafic-looking consolidated fault gouge rock located between well defined laminated mafic metavolcanic rocks and more or less altered rhyolites. The mylonite rock contains trace sulphides and exhibits rusty surface weathering.
RL024 301624 (6+22S, 2+92E)**	Medium grained laminated rhyolite with trace to 2% of finely disseminated, irregular to well developed cubic pyrite.
RL025 301625 (6+22S, 2+92E)** "Holmstrom Showing"	60% to 70% granular massive, irregular shaped masses to sometimes cubic pyrite formed within an originally quartz rich (rhyolite or chert) rock. The semi-massive lower sulphide horizon mineralization occurs between two highly carbonate rich rocks. The mineralization has been estimated to be 6 to 7 feet +/- thick and may represent the most extensive deposition of the suspected exhalative strataform sulphides found within the felsic stratigraphy at the Holmstrom showing.

RICHARDSON LAKE Sample Descriptions	
RL026 301626 (6+22S, 2+92E)** "Holmstrom Showing"	Mafic amphibolite rock which has been subjected to the alteration and grinding effects of a southwest trending fault. At the fault contact weak mylonite has developed which was found to contain minor oval lenses of pyrrhotite. The fault is a normal strike slip fault with left lateral movement. The southern block appears to have been downthrown by 2 to 3 feet +/-, as could be easily observed within the Holmstrom trench. The sulphide lenses in the mylonite were probably derived from secondary remobilization of terrestrial sulphides within the amphibolite adjacent rocks.
RL027 301627 (3+85S, 4+00W)	Well laminated grey-green coloured rhyolite contacting laminated amphibolite rocks. The amphibolite grade rocks commonly have alternating felsic laminations which range in thickness from a fraction of an inch to generally no greater than 1 ft. across. It is difficult to determine if these mafic rocks were once pyroclastic or flow-like.
RL028 301628 (6+22S, 2+92E)** "Holmstrom Showing"	70% massive to semi-massive pyrite occuring as the lower sulphide horizon has been described in sample RL025 301625. Of noteworthy mention in this case is the unusually high arsenic content found within the mineralization. Samples RL025 301625, RL028 301628 and the following sample RL029 301629 contain 285, 385 and 405 ppm As respectively. For the most part the average As content within the felsic rocks in question is in the range of 5 to 15 ppm. The basemetal content of this sulphide unit is very low with the Zn, Pb and Cu content not exceeding 60 ppm in any one of the elements. The two other chert-sulphide bearing horizons located stratigraphically above contain appreciable basemetal elements to a maximum of approximately 1700 ppm. It would appear that within this sequence of rocks it may be possible to speculate that at least two and possibly three sulphide deposition episodes were responsible for the metal contents of the particular deposited units. It would appear that the base metal content increases stratigraphically. The lower most sulphide horizon is rich in arsenic and contains almost no basemetals. An appreciable time lapse might have occurred at which time a second pulsation of sulphide solutions with high concentrations of base metals was deposited. Between the periods of sulphide deposition, significant changes in the chemical composition may have occurred where arsenic could have been replaced or may not have existed at all at the initial time of deposition. The notable change in sulphide chemistry may also be indicative of a change in the on-going volcanogenetic processes.
RL029 301629 (6+22S, 2+92E)**	Please refer to Samples RL025 301625 and RL028 301628 for details with respect to the sample description.
RL030 301630 (3+50S, 3+50W)	Green-grey coloured laminated rhyolite with secondary quartz, probably as remobilized quartz sweats. The rock contains finely disseminated pyrite.
RL031 301631 (3+50S, 3+50W)	Grey coloured, massive to laminated rhyolite flow with disseminated pyrite and locally scattered pyrrhotite.
RL032 301632 (3+50S, 3+50W)	Light beige coloured massive felsic rhyolitic rock. Some of the materials have been altered with epidote. The rock also contains pyrite and hematite, some of which has also undergone alterations.
RL033 301633 (3+50S, 3+50W)	Green to grey coloured locally epidote altered massive rhyolitic rock with minor disseminated pyrite. The rock also contains disseminated zinc (sphalerite), lesser lead (galena) and traces of copper (chalcopyrite?).
RL034 301634 (3+50S, 3+50W)	Green-grey locally epidote altered rhyolite composition rock, possibly tuffaceous. The rock shows some lamination characteristics and has been locally bleached.
RL035 301635 (3+50S, 3+50W)	Dark green-grey epidote altered rhyolite with minor pyrite and sphalerite.
RL036 301636 (3+50S, 3+50W)	Light green coloured medium grained felsic rock with 5 to 10% disseminated pyrrhotite and approximately 5% pyrite. Pyrite appears to be secondary, relative to the pyrrhotite mineralization.

RICHARDSON LAKE Sample Descriptions	
RL037 301637 (3+50S, 3+50W)	Mottled coloured rhyolite composition pyroclastic rock exhibiting a fragmental appearance. Secondary quartz, amphiboles, feldspars and black crystals of oxidized minerals were noted. A geochemical analysis of the rock would indicate that the material contains zinc with lesser lead, meaning the sample media probably contains disseminated sphalerite and galena. Only minute traces of copper were detected. A pale blue-white oxidization product due to weathering often indicates the presence of lead or zinc and has been noted in this instance.
RL038 301638 (3+50S, 3+50W)	Grey coloured rhyolite flow or tuff with minor disseminated pyrite. Very thin 1-2 mm ribbons of quartz were noted to have developed parallel to the general trend of the foliated rock.
RL039 301639 (3+50S, 3+50W)	Light green to beige coloured rhyolite tuff which shows visible alteration. The rock contains visible amounts of sphalerite with lesser galena. Locally the carbonated portions of the rock have undergone secondary alteration to dolomite which contains small amounts of micaceous minerals, possibly muscovite.
RL040 301640 (3+50S, 3+50W)	Light beige coloured flow banded-laminated rhyolite possibly tuff, with minor epidote and chlorite alteration. 1 to 2 mm ribbons of quartz were observed parallel to the formation trend. The rock contains minor amounts of zinc and lead minerals.
RL041 301641 (3+50S, 3+50W)	Greenish to pinkish coloured rhyolite which has undergone strong silicification epidotization and chloritization alteration. The rock contains minor disseminated rusty oxidized pyrite.
RL042 301642 (3+50S, 3+50W)	60% massive pyrite within a siliceous matrix, possibly chert. The rock constituents have been heavily oxidized but in general were found to be very similar to samples RL025 301625 RL028 301628 and RL029 301629 (previously described). The sulphide minerals observed within the above described samples were probably not derived from the same horizon as the materials described in RL025, RL028 and RL029 since they had notably higher concentrations of copper, lead, cobalt, traces of zinc and contained only a 1/4 fraction of the arsenic content.
RL043 310643 (3+50S, 3+50W)	Heavily weathered gossan materials derived from the leaching of the sulphide constituents within a silicified rhyolite rock. Locally the rock may contain minor quartz-epidote veins.
RL044 301644 (3+50S, 3+50W)	Creamy green, intensely brecciated and carbonated rock which contains localized inclusions of finely developed cubic galena with fine grained yellow honey sphalerite. This particular rock type carries 1% of finely disseminated pyrite in the form of irregular inclusions to well developed striated cubiforms are very commonly observed throughout. The brecciated and carbonated rock was intruded by a thin pale green, very fine grained felsic to intermediate in composition dike or sill-like features. The instrusive rock has cut across the breccia and shows well developed chilled margins where contact with fragments have been made. The intrusive is thought to be post mineralization as the matrix material contains finely disseminated pyrite and incorporates visibly older rocks. It would appear the original rock may have been made up of felsic tuffs or flows. Some portions of the leached out rock shows some evidence of layering features. Surface and subsurface weathering consists of iron and manganese oxides throughout. The rocks would appear to have undergone deep alterations.

RICHARDSON LAKE
Sample Descriptions

301901 (3+11S, 8+39W)	Light reddish fine grained very heavy rock which has been intruded by numerous thin carbonate and carbonate-quartz veins which were infilled into a series of strong closely spaced open fractures. This dense material of which once was believed to be barite occurs in stark contrast by apparently cross cutting the general trend of the carbonate altered volcanic rocks a short distance east along strike from the HJT showing. It is possible that the red mineral product had infilled large open fractures cross cutting the original volcanic rock. Studying of the whole rock geochemistry, visible characteristics etc. may indicate that the material may be a massive form of garnet. Secondary fracturing of both the host rock and the red mineral has lead to the infilling of carbonate and quart. Trace to 1% finely disseminated pyrite-chalcopyrite and cubic galena can be found throughout the rock. Traces of cubic galena with little or no pyrite or chalcopyrite appear to be more commonly associated with the vein infillings than in the vein host rock, suggesting minor remobilization. Whole rock results are listed below. Al_2O_3 6.30% K_2O 0.02% P_2O_5 0.66% BaO <0.01% MgO 0.16% SiO_2 38.41% CaO 30.72% MnO 0.25% TiO_2 0.13% Fe_2O_3 20.55% Na_2O <0.01% LOI 1.58 Total 95.30%
301902 (3+11S, 8+39W)	Light buff to brownish coloured felsic metavolcanic breccia. The breccia clasts consist of a fine grained poorly laminated carbonated rock that has been well broken and subsequently healed with poorly developed fine crystals of quartz in vugs which were then infilled by white to cream coloured carbonate minerals. Well developed crystals of olive green epidote most predominantly occur along the fringes of the quartz-carbonate breccia matrix and progressively have replaced some portions of the breccia fragments. A very small percentage of the epidote can be found throughout the matrix material. The rock contains traces of disseminated pyrite and chalcopyrite. This particular rock type has undergone the brecciation and subsequent infilling, primarily or partially influenced by the presence of a main trending fault and a splay off fault within the felsic-intermediate sequences. < 5 ppb Au.
301903 (3+11S, 8+39W)	Light brown to cream coloured, fine grained massive felsic rock which is very similar to sample 301901. The rock has been riddled with numerous fine parallel to cross cutting fractures only millimetres apart. Many of these fractures were opened up sufficiently enough to allow for thin <1/2 inch carbonate and quartz or quartz with little or no carbonate minerals. The prominent fracture filled veins are usually filled with predominantly carbonates with lesser quartz, while the cross cutting veins appear to consist primarily of quartz with little or no carbonate. The highly fractured nature of the rock suggests strong brittle deformation in the immediate area. At this particular location this sample was collected between two known faults which were mapped to the east and west. Splays off of a main prominent faults or folding may have been responsible for the multi-angle fracturing and primary and secondary veining. Trace amounts of chalcopyrite occur within the rock and appear to have been developed after the fracture-veining episodes. < 5 ppb Au.
301904 (3+11S, 8+39W)	Massive light coloured to well striated poorly developed intergrown cubic pyrite which is often coated with a film of yellow-brown limonite. The sulphides have form large inclusions within a thinly laminated metavolcanic rock. The metavolcanic host rock has undergone some minor alteration including the intruding of thin quartz veins. A number of the fine fractures have been filled with thin layers of a clear rhombic carbonate mineral, rainbow coloured covelite, fine specs of chalcopyrite and soft dark brown to yellow limonite. Very fine green to copper coloured chlorite minerals may also be present within the fractures developed in the metavolcanic rock. 10 ppb Au 0.5 ppm Ag 162 ppm Cu 124 ppm Pb 20 ppm Zn

RICHARDSON LAKE
Sample Descriptions

301905 (3+15S, 8+08W)	Light green to light grey coloured intermediate to felsic metavolcanic rock. The rock appears to be very nearly massive in appearance, with little or no evidence of laminated features. The rock is very strongly altered by silica with light olive green epidote throughout. This rock type may be representative of a fine grained tuffaceous layer between two felsic flows. Fault movements in the immediate area may have resulted in the tight fracturing observed. Some of the fracturing resulted in the formation of thin pseudotachylite veins while the more open fractures were infilled with carbonate minerals, traces of chalcopyrite, light coloured resinous sphalerite and pyrite. The bulk of the material contains from trace to 3% finely disseminated well developed crystals to irregular shaped inclusions of sphalerite, galena, chalcopyrite and pyrite. The sphalerite is most often light resin-honey coloured to rarely black. Well developed crystals of the mineral have been formed and are generally well scattered throughout the rock. Close examination has shown that the sphalerite may have replaced pyrite or chalcopyrite. Galena is found throughout the material, well disseminated in the form of light blue to silver cube form. Chalcopyrite and the lesser pyrite form irregular inclusion and disseminations to well developed striated crystals which are less common but well scattered. The sequence of rock in which this sample was obtained has an estimated thickness of 2 to 2.5 feet +/-. The contact with these massive Zn, Pb, Cu bearing rocks and the overlying layered felsic rocks is marked by a fault. Only very close examinations has revealed the presence of base metal sulphides at this location. <5 ppb Au 1.4 ppm Ag 156 ppm Cu 1100 ppm Pb 1500 ppm Zn
301906 (3+12S, 8+08W)	Very light brown to cream coloured, massive carbonated to intercolated laminated silicified banded felsic metavolcanic rock. The rock carries trace to 7% very finely disseminated amorphous blue galena with trace amounts of chalcopyrite, pyrite and light coloured resinous sphalerite. Weaker less competent sections appear to have undergone severe forms of alteration, which include the brecciation and chemical replacement of particular sections of the rock. The strongest sulphide mineralization appears for the most part to be confined to the highly carbonated sequences. Very fine grained disseminations and rare wisps of galena can be found within some of the silica rich sequences. Numerous thin fracture systems cross cutting the primary fabric have been infilled with quartz and are most visible in the silicified sections, but probably not absent in the carbonate sections. It is unknown whether this intricate network of fractures is related to pre or post dates the emplacement of the sulphide mineralization. This sulphide rich rock was found to occur between epidote and silica altered base metal bearing tuffs above and nearly massive, sulphide deficient carbonated rocks below. Although the rocks below contain little in the way of sulphide mineralization, they have been subjected to alteration by the introduction of epidote, quartz- and quartz carbonate veins cross cutting the volcanic fabric. Some of these veins, although often very narrow (< 1/4") do contain trace amounts of pyrite, chalcopyrite and galena. The question arises as to the origin of such metals, even though they occur as small concentrations. The rocks in the area have been deeply weathered to form light to dark brown earthy residues. < 5 ppb Au 1.5 ppm Ag 59 ppm Cu 2100 ppm Pb 2600 ppm Zn

RICHARDSON LAKE
Sample Descriptions

301908 (3+32S, 8+08W)	Light grey medium to fine grained poorly laminated, very highly silicified felsic metavolcanic rock. This sequence of rocks has undergone excessive silicification. Microfracturing of the rock resulted in the emplacement of thin quartz-carbonate veins cross cutting the laminations. Certain portions of this sequence which have a thickness of approximately 15 to 16 feet and appear to have undergone moderate structural or depositional deformations, resulting in the development of weakly folded, kinked or broken sections. It would appear that the deformation would have taken place while the materials were in a plastic state. Although the rocks are highly silicified they can be deeply weathered on the surface. This may be due to the deterioration of a cream coloured euhedral minerals, possibly feldspar, which can be found throughout the rock associated with the more predominant silica rich areas. The various laminations within this sequence appear to be similar, but noticeably thicker than the overlying laminated rocks above the sequence. It is possible that these rocks are rhyolitic flows with some of the contorted sections being flow top features. The rock contains only trace amounts of fine cubic disseminated pyrite. <5 ppb Au.
301909 (3+39S, 8+08W)	Light brown to grey, very well, but thinly laminated intermediate to felsic volcanic rock, thought to represent a flow. Occasional clear to grey porphyroblasts can be observed throughout the samples. The rock outcropping has a well bleached surface with minor rusting of opened fractures, principally being developed concordantly with the primary rock fabric. The rock contains only traces of pyrite and possibly pyrrhotite. This sequence of laminated rocks occur within a few feet of the mafic rock contact. < 5 ppb Au.
301911 (3+28S, 6+22W)	Light brownish sandy to silty textured unconsolidated volcanic ash or mud-like material which has developed between more massive but altered felsic metavolcanics. The unconsolidated material has developed distinctive laminations and partings. Each of the laminations appears to be made up of a slightly different composition. The rock has been highly carbonated with intercalations of dark chocolate brown to black patches, inclusions and wavy ribbon-like laminations of sooty manganese oxides. In places the manganese alteration has taken the form of discrete dendritic patterns but is most common in its massive form. Occasionally angular fragments of a highly weathered metavolcanic rock have been found with the ash layer, suggesting the possibility of minor pyroclastic ejecta being deposited contemporaneously with the ash. The minor presence of clay within this distinctive layer would also suggest that a fault may have developed within this less competent formation. This earthy sequence which measures only 8 inches in thickness, probably indicates a significant interruption between flow episodes. No visible sulphides can be observed within this highly altered material, although strong sulphide mineralization has been identified above and below the ash layer. 5 ppb Au, 1.6 ppm Ag, 50 ppm Cu, 2000 ppm Pb, 2850 ppm Zn.
301912 (3+20S, 5+63W)	Light green consistently grained aphanitic felsic rock with 15 to 20% light coloured anhedral quartz and feldspar phenocrysts throughout. The quartz porphyry rock contains traces of finely disseminated sulphides and was also found to contain trace to 1% of a finely disseminated black mineral, possibly biotite, magnetite or altered sulphides. Very minor microthin quartz veins crosscut each other, probably the result of partial recrystallization. It is believed that this particular rock was formed as a dike-like feature intruding the surrounding laminated metavolcanic rocks. At the location of this sample the thickness of possible intrusive is at least 3 feet or greater since much of the area is covered by extensive overburden. A similar intrusive-like rock was observed only a short distance stratigraphically above the rock previously described. The existence of potential felsic intrusive rocks in the area may indicate the presence of a local pipe feature in the area. < 5 ppb Au.
301913-350A (0+55S, 9+37W)	Cream to buff coloured quartzite sandstone-arkose rock which has been moderately altered to earthy clay minerals. The rock consists primarily of grey quartz grains and light coloured feldspars. The rock contains little or no visible sulphide minerals and has been intruded by a few thin < 1/2 inch grey sugary quartz veins. In general the sedimentary rock which occurs along the footwall of the 350 vein has a highly bleached appearance of clay minerals and is quite highly fractured and friable when struck with a hammer. < 5 ppb Au.

RICHARDSON LAKE Sample Descriptions	
301914-350B (0+55S, 9+37W)	Quartz-sericite-chlorite schist with trace finely disseminated sulphides. The schistose rock has developed as a result of a strong faulting episode originating from the archean volcanic rocks below the Lorrain Formation. 20 ppb Au.
301915-350C (0+55S, 9+37W)	*Granular to massive grey-white to pink quartz rods or mullion structures within the quartz-*sericite chlorite schist rock along the heavily faulted footwall of the 350 vein. The quartz materials have been moderately altered and contain within them from trace to 30% amorphous pyrite-marcasite, associated with black to blue chalcocite or bornite and chalcopyrite. Small portions of the quartz masses contain narrow open vugs with intergrown fine rust coated quartz and chlorite crystals. Fine grained inclusions of light coloured chlorite are visible with the quartz. 40 ppb Au, < 0.2 ppm Ag, 690 ppm Cu, 4 ppm Pb, 7 ppm Zn.
301916-350D (0+55S, 9+37W)	Moderately altered lower portion of the 350 vein. The vein has been highly fractured parallel to the contacts, likely as a result of the faulting episodes. Within this portion of the vein there are numerous inclusions and wispy streaks of light green platy chlorite minerals. Portions of the vein material have been strongly rusted and there is some evidence of former quartz vugs. This portion of the vein contains trace to 2% disseminated inclusions and thin seams of amorphous pyrite-marcasite, chalcopyrite and chalcocite. The rock is weakly schistose. 2 ppm Pb, 6 ppm Zn, 30 ppb Au, < 0.2 ppm Ag, 490 ppm Cu.
301917-350E (0+55S, 9+37W)	White to very rusty yellow, commonly vuggy and fractured quartz materials from the upper portions of the 350 vein. The rock often contains minor light green chlorite inclusions and is often riddled with open vugs which are commonly filled with fine rusty coated quartz crystals. Locally pyrite and/or marcasite inclusions have been partially leached away, leaving open voids within the quartz material. Approximately 1% finely disseminated to inclusions to micro seams of amorphous pyrite and/or marcasite, with traces of chalcopyrite remain within the rock. 40 ppb Au.
301918-HJTM (2+94S, 8+89W)	Fine to medium grained light olive green aphanitic felsic volcanic rock, possibly tuff which has been highly fractured, probably as a result of faulting. This rock contains traces to 2% finely disseminated pyrite which appears to be associated with finely developed plates of black to brown biotite mica. The sulphide minerals may also be associated with very small amounts of magnetite. Slight mineral alteration development includes light green platy chlorite or fuchsite, minor carbonate, limonite, hematite and manganese oxides commonly occurring along the fracture surfaces. This rock is probably part of a strong fault zone *which has crosscut the agglomerate-breccia unit at the north end of the HJT showing.* 50 ppb Au, < 0.2 Ag, 12 ppm Cu, 16 ppm Pb, 63 ppm Zn.
301919-HJTN Agl (2+98S, 8+97W)	Light to dark green to grey fine grained welded tuff to very coarse grained lapilli tuff-tuff breccia (agglomerates). The volcanic fragments which range in size from a fraction of an inch to several inches across appear to be made up primarily of laminated to massive felsic rocks with lesser massive intermediate composition fragment components. Many of the rock fragments have undergone significant resilicification and remobilizations possibly as a result of welding effects during deposition. In areas the fragments have been tightly packed, which may indicate a thick depositing. Small potions of the rock had fragments which were not encompassed by the matrix materials or were refractured. These open spaces were subsequently infilled with carbonate minerals and fine quartz crystals. The matrix materials surrounding the various fragments appears to be made up of a grey to light green aphanitic intermediate metavolcanic rock, possibly andesite. The groundmass agglomerate matrix is commonly altered to biotite and/or chlorite minerals throughout those sections of rocks which have not undergone severe silicification or welding. Overall the rock contains trace amounts of finely disseminated pyrite. A very small portion of the agglomerate sequence has been exposed at the northern end of the HJT showing. < 5 ppb Au.
301920 HJTA (3+39S, 9+04W)	Light pink to grey medium to fine grained very well laminated felsic metavolcanic flow which *has been well silicified. The rock contains numerous thin laminations, some of which are* parted by finely developed spherulitic textured amphibole minerals. The rock contains from trace to 1% finely disseminated to minor inclusions or wispy seams of pyrite and chalcopyrite. Very minor chalcocite or bornite may be present. This rock was deposited on top of an uneven intermediate flow surface at the south end of the HJT showing. <5 ppb Au, < 0.2 ppm Ag, 24 ppm Cu, 7 ppm Pb, 13 ppm Zn.

RICHARDSON LAKE
Sample Descriptions

301921 HJTB 1000-30A (3+39S, 9+04W)	Creamy yellow-green to dark green black intermediate metavolcanic rock. The rock is compositionally an intermediate rock being made up of poorly layered aphanitic siliceous minerals of 50 to 60% interlayered with 40 to 50% of needle like amphibole minerals, some of which have been altered to sericite mica. The siliceous minerals are equigranular aphanitic and massive with little or no appreciable mafic minerals. The interlayers of amphibole minerals spherulitic texture with each of the layerings being developed into a phaneritic linear fabric as a result of the possible devitrification of glasses by means of certain metamorphic events. It is possible to speculate that the development of the intermediate rock was a direct result of metamorphic processes. Furthermore it is possible to speculate that devitrified rock was possibly a felsic pyroclastic rock or combination of tuffs and flows. The rock was found to occur between the coarsely broken felsic rocks below, and the apparent laminated intermediate volcanic rocks stratigraphically above ranges from 1 to 2 feet in thickness, has been highly silicified. The visible lineations in the rock have been bent and/or slightly twisted. Portions of the amphibole minerals bent surfaces have been altered to white sericite mica. It may be possible to suggest that faulting has taken place at this location preceding metamorphism. The rocks were later healed by silicification which may have resulted in the introduction of various sulphide minerals. The rock was found to contain from trace to 5% finely disseminated, to irregular masses of sphalerite, chalcopyrite with pyrite and/or pyrrhotite. In one instance a very small fracture has been filled with a fine grained grey black sooty sulphide mineral, possibly chalcocite. This mineral appears to be closely associated to a number of fine disseminations of chalcopyrite within this rock. The rock was found to be non-magnetic when tested. This sample was derived from the south end of the trenched out portion of the HJT Showing. 5 ppb Au, < 0.2 ppm Ag, 90 ppm Cu, 3 ppm Pb, 10 ppm Zn.
301922 HJT02 (2+92S, 5+19W)	Light grey, medium grained, poorly laminated felsic volcanic rock which has been partially altered, resulting in the development of acicular amphibole minerals with a distrinctive fabric. The rock contains trace amounts of visible grey-white quartz eyes, as well minor light coloured feldspar phenocrysts. It is quite probable that this rock was once an extrusive flow. This rock carries 3 to 5 % disseminated well developed cubic to slightly irregularly shaped pyrite associated with trace chalcopyrite and a disseminated fine grained black sooty mineral, possibly being chalcocite. A minor amount of leaching of the sulphide minerals has taken place resulting in the formation of a limonite crust. < 5 ppb Au, 0.2 ppm Ag, 80 ppm Cu, 15 ppm Pb, 20 ppm Zn.
301923 HJT01 (2+92S, 4+72W)	Light green, very weakly laminated and carbonated felsic volcanic flow. the rock is medium grained and has a somewhat sugary texture consistently found throughout. The rock contains trace to 2% of finely disseminated to rare irregular inclusions of honey resinous, light purple to rarely black sphalerite, deep blue intergrown cubic galena with traces of poorly developed pyrite and chalcopyrite crystals. The rock has undergone a limited amount of fracturing. Limonite and manganese oxide minerals have formed on weathered surfaces indicating the presence of appreciable sulphide minerals in the immediate vicinity. < 5 ppb Au, 0.2 ppm Ag, 33 ppm cu, 1100 ppm Pb, 1900 ppm Zn.
301924 014 (7+43S, 3+48E)	Grey to black medium to coarse grained spherulitic textured rock. The rock is composed primarily of acicular needles of amphibole minerals (hornblende) which have developed into a laminated-linear fabric throughout. Thin lenses of white to pink potash feldspars associated with lesser quartz has formed thin discontinuous lenses throughout the rock. This particular rock type is thought to have been derived from the devitrification of a pre-existing felsic or intermediate metavolcanic rocks, very near the present established contact between the mafic and lower felsic-intermediate sequences. The rock also contains traces to 2% finely disseminated to minor inclusions of pyrite, pyrrhotite and lesser chalcopyrite. < 5 ppb Au, 0.2 ppm Ag, 200 ppm Cu, 13 ppm Pb, 90 ppm Zn.

RICHARDSON LAKE
Sample Descriptions

301925 (3+13S, 3+82W)	Light green to buff coloured medium grained highly carbonated felsic metavolcanic rock which has undergone large scale local brecciation. The large breccia fragments have retained some of their primary lamination fabric but have undergone a high degree of alteration and leaching. The breccia fragments have been healed together by a very fine grained ultramylonite which has within it numerous rock fragments of various composition. The breccia mafic has intruded the local rock forming narrow vein-like features ranging in thickness from a fraction of an inch to generally no greater than 2 inches across. The emplaced matrix rock exhibits fine chilled margins. The matrix rock often contains disseminated and inclusions of sphalerite-galena and well developed crystals of pyrite ranging from trace to 1 percent. A number, but not all of the numerous breccia clasts contain appreciable amounts of base metal mineralization. Finely disseminated to irregular shaped inclusions of 3% to 5% black to purple sphalerite, blue cubic galena, with trace amounts of cubic pyrite and chalcopyrite were observed. The sphalerite and galena mineralization appear to have formed exclusively of each other showing no obvious replacement of sulphide by sulphide. Fine grained base metal sulphide mineralization found in the matrix of the breccia was probably formed as a result of the remobilization of noble elements from the original host rock. Strong sulphide mineralization found in some of the breccia fragments while nearly absent in others would suggest that the brecciation event probably tapped into and expelled small fragments of metal-rich rock which is not exposed on the surface. Flow structures within the matrix rocks would certainly indicate certain movements. No noticeable breccia clasts having a mafic composition, i.e., amphibolite-pyroxenite were observed suggesting that the once semi-fluid breccia feature probably welled up from below. The fact that the clast-xenolithic rocks are composed essentially of felsic to intermediate constituents might support the theory that the forces originated from below but did not penetrate the mafic rocks above. It may be possible to speculate that the breccia event might have occurred prior to or contemporaneously with the deposition of the overlying mafic constituents. Approximately 210 feet to the west-southwest, a number of grey coloured chert-volcanic glass volcanic bomb-like fragments can be clearly observed occurring approximately 10 to 15 feet above the mafic contact. It is probable that these fragments which have been encapsulated in amphibolite rocks and have been somewhat stretched out were derived from the felsic to intermediate rocks below. This could signify a blast possibly related to the sulphide bearing breccia previously described. < 5 ppb au, 1.3 ppm Ag, 27 ppm Cu, 2000 ppm Pb, 4000 ppm Zn.
301926 (3+08S, 7+07W)	Massive blue grey magnetite mineralization with rusty former quartz and or feldspar inclusions. The strong magnetite mineralization appears to have been emplaced as a vein within a fault which has passed through a now highly siliceous epidote rich rock. The fault probably had developed concordantly with the primary laminated fabric of the original rock. It is believed that the iron mineralized fault is a splay off of a strong west trending fault that passes through the property. Trace amounts of finely disseminated sulphides can be observed throughout the magnetite. The rocks have been highly fractured and deeply weathered to a rusty hard gossan like material. < 5 ppb Au, < 0.2 ppm Ag, 47 ppm Cu, 8 ppm Pb, 45 ppm Zn.

RICHARDSON LAKE Sample Descriptions	
301927 (3+04S, 7+09W)	Light grey to green weakly to moderately well laminated intermediate to felsic rock. Many of the thin laminations are distinguishable due to the development of amphibole mineral spherulitic texture throughout. The development of an alternating amphibolite linear fabric with alternating siliceous bands could indicate the devitrification of former felsic flows or tuffs. The amphibole minerals are often light green and opaque suggesting the variety being actinolite or tremolite. Wide spread silicification and epidotization has taken place. Very fine grained smearing or thin films of chalcopyrite, pyrite, sphalerite and sooty chalcocite found with carbonate minerals along old healed fractures which had previously formed along or cross cut the primary fabric. The rock contains a small amount of magnetite and is only weakly magnetic. < 5 ppb Au, , 0.2 ppm Ag, 68 ppm Cu, 5 ppm Pb, 23 ppm Zn.
301928 (3+28S, 6+38W)	White to cream to light green coloured highly carbonated former felsic volcanic rock which carries appreciable amounts of finely disseminated and inclusions of cubic and amorphous galena, sphalerite, pyrite and chalcopyrite. The sulphide mineral assemblage consists of 8 to 10% galena and sphalerite. The galena is a blue-grey colour and is often amorphous with lesser finely developed cubes. The galena can occur as large inclusions as well as being disseminated throughout the material. Sphalerite which ranges in colour from light purple-brown to resinous, occurs within the larger masses of galena and is not often found in the disseminated form as is the galena. Trace amounts of pryite and chalcopyrite occur as finely disseminated crystals and do not appear to be included within the Pb/Zn sulphide mineralization. The largest lead, zinc sulphide inclusions so far observed measure 6 cm x 2 cm +/-. The largest of the mineralized inclusions appears to be restricted to a specific horizon although base metal sulphides occur well distributed throughout the rock at the across a thickness of 2 ft. +/-. The mineralization uncovered adjacent to a thick swampy area was found to occur between a highly altered white siliceous-carbonated felsic volcanic above the mineralized zone and a highly altered very siliceous green intermediate to felsic metavolcanic rock below the mineralized zone. A horizon of laminated but unconsolidated carbonated white-grey volcanic ash occurs within the central portion of the narrow zone. Possible faulting along this very weak-wet sequence may have played a role in the adjacent rock alteration. A strong, nearly vertical fault has cross cut the general geological trend in the area, but strikes parallel to the area geological fabric. Examinations would appear to indicate that the emplacement of the sulphides may have been the result of hydrothermal replacement activities, with some possible connection with the lithological change from felsic-intermediate to mafic during volcanogenetic processes. Due to the possible indications of certain flow structures as well as the advent of faulting episodes, various sequences have been broken up and generally contorted. This overall contortion of the rocks is most visible in the highly carbonated sequences which are less resistive to deformation than the siliceous rocks. This is not to suggest that deformation had taken place following carbonatization or silicification. There is evidence to suggest that the chemical and structural deformation episodes probably occurred over an extended period of time throughout the geological history of the area. < 5 ppb Au, 2.7 ppm Ag, 6 ppm Cu, 2500 ppm Pb, 3000 ppm Zn.

RICHARDSON LAKE
Sample Descriptions

301929 (4+00S, 7+68W)	White to grey, massive to vug-like quartz which originally had intruded coarse grained amphibolite rocks stratagraphically above the felsic-intermediate/mafic contact. In general the quartz mineralization would appear to have taken the form of a large inclusion measuring 6 or 8 ft. across as opposed to a more vein-like feature. The contacts between the quartz and the host rock are quite irregular. It is most probable that the siliceous materials were derived from the felsic-intermediate rocks below as a result of recrystallization and emplacement within a structural unconformity. The emplacement of the quartz resulted in the brecciation of the amphibolite host rock. Amphibolite xenoliths incorporated within the quartz were systematically converted to total chlorite. During the original emplacement, the masses quartz had developed large open voids or vugs with crudely formed quartz crystals. The voids were subsequently infilled with well developed rhombic carbonate minerals. Small amounts of chlorite and quartz fragments were incorporated within the carbonate. On the surface the quartz is generally fresh in appearance, while some of the carbonates have been dissolved away. Odd fractures within the quartz are rust stained but contain no visible sulphide minerals. < 5 ppb Au.
301930 (3+28S, 6+38W)	This sample is essentially the same rock as was previously described in sample 301928. The only exception is that the base metal sulphide content appears to be slightly higher at 10 or 12 %, with the predominant sulphide being sphalerite as opposed to galena as was found in sample 301928. These variable characteristics may indicate zoning or alternating layering of the Pb/Zn sulphides throughout the carbonated-silicified sequences. < 5 ppb Au, 1.5 ppm Ag, 5 ppm Cu, 2700 ppm Pb, 3400 ppm Zn.
301931 (3+28S, 6+38W)	This sample has been derived from the same mineralized showing of galena, sphalerite, pyrite and chalcopyrite in carbonated metavolcanic rocks as has been previously described for samples 301928 and 301929. The only significant difference is that the sulphide content ranges up to 15% +/-. The galena in the inclusions tends to be notably coarser grained while the crystallized sphalerite remains the same through the previous two samples described. The rocks have been deeply weathered. Some portions of the sample carry what appears to be fragment-like features of medium pebble-gravel sized pieces of massive galena and sphalerite. Some of the apparent fragments or clasts range from 5 to 20 mm in width and 4 to 50 mm across in length. These features are subrounded to subangular and are loosely packed within the fine grained carbonated rock. If it were shown that these were in fact fragmented sulphides, the source in which they were derived is probably very rich in Pb/Zn and might be located stratigraphically below. Although the possible fragments are rich in galena and sphalerite, they do not make up the bulk of the sulphides found within the sequence. < 5 ppb Au, 1.8 ppm Ag, 17 ppm Cu, 4700 ppm Pb, 4000 ppm Zn.
301932 (3+26S, 5+99W)	Light to dark green, massive to fragmental intermediate to felsic metavolcanic rock, possibly a highly altered tuff agglomerate. This rock unit occurs stratigraphically below the mineralized zone as has been described in the identification of samples 301928, 301930 and 301931. The rocks below the mineralized zone have been highly silicified with little or no carbonate alteration having taken place. The rock has been highly fractured with numerous parallel breaks being formed as a result of faulting or folding. Some of the open fractures have been infilled with quartz and calcite. The rock often contains disseminated pyrite, pyrrhotite and chalcopyrite throughout. Rarely fine disseminations or isolated inclusions of galena or sphalerite can be seen. Due to the high degree of fracturing, surface rusting has penetrated deep into the rock. There is some field evidence which suggests that the carbonated-silicified rocks are rhythmic in nature. There is good reason to believe that additional sequences of altered felsic and intermediate metavolcanic rocks occur immediately to the north of the showing area, but is presently covered by extensive swampy overburden. < 5 ppb Au, 0.2 ppm Ag, 32 ppm Cu, 71 ppm Pb, 192 ppm Zn.

RICHARDSON LAKE
Sample Descriptions

301933 (2+88S, 4+72W)	Light grey to green medium grained fragmental intermediate tuff. Numerous rock fragments can be seen, the most predominant being 60% +/- mafic constituents with 40% +/- felsic constituents. The mafic fragments are fine grained at less than 1 mm, while the felsic fragments have a maximum dimension of 2 mm +/-. The rock is massive and exhibits no obvious lamination features. Occasionally various shaped amphibolite fragments which usually do not exceed 5 cm can be observed scattered throughout the tuff. At certain locations due to various structural events the tuff has been fractured in a number of directions at which time these fractures were infilled with pyrite and traces of chalcopyrite. Occasionally the unfractured portions of the tuff carry from 3 to 5% disseminated chalcopyrite with minor amounts of pyrrhotite, pyrite and possibly bornite. It is possible to speculate that the disseminated sulphides were formed contemporaneously with the deposition of the tuff while the pyrite fracture fillings or stringers were probably a result of an upwelling or remobilization of metal-rich solutions from lithologies below. On the surface the rocks show strong rusting along various fractures, indicating the breakdown of sulphides. 5 ppb Au, 0.3 ppm Ag, 170 ppm Cu, 225 ppm Pb and 140 ppm Zn.
301934 (2+99S, 5+04W)	Light grey to tan coloured finely laminated felsic metavolcanic rock with 5 to 7% disseminated very well developed cubic pyrite scattered throughout. Some of the pyrite is coated with a red wine coloured coating (wine pyrite). The sample was obtained from the entangled roots of a long fallen tree. It appears that the roots of the tree plucked off a piece of the laminated flow rock, near the contact between the laminated rocks and the massive tuffaceous rocks, just east of the newly established Line 3 East. < 5 ppb Au.
301853 (3+48S, 3+56W)	Green to white highly altered volcanic rock taken across a 6 ft. +/- width of highly faulted sulphide bearing very rusty material. Only very small portions of the sequences have escaped the effects of structural and chemical alterations. Locally very well defined alternating laminations can be observed with some of the thicker laminations being somewhat broken with quartz materials suggesting possible flow tops. In general the rock has been very heavily altered with remobilized quartz-carbonates and possibly epidote minerals. On the exposed surfaces the growth of fine vitreous to white wisps and curls of gypsum can be seen. Portions of the rock contain appreciable amounts of sulphide minerals. The sulphide content ranges from trace to 5% inclusions-disseminations to microthin seams of pyrrhotite, chalcopyrite associated with sooty fine grained inclusions of chalcocite. The rock also contains appreciable amounts of magnetite, some of which may be directly associated within the pyrrhotite. The surface exposure of this particular fault zone has been deeply weathered down through highly fractured and rusty, somewhat schistose rocks. This fault zone is believed to be traceable further towards the west-northwest. < 5 ppb Au, 0.2 ppm Ag, 250 ppm Cu, 2 ppb Pb, 14 ppm Zn.
301854 (3+49S, 3+64W)	Light grey to light green coloured finely laminated felsic to intermediate metavolcanic rock which is difficult to distinguish whether it is a flow or tuff. The highly rusty sample was collected over a width of 3 ft. +/-. The sample encompasses an area over which a number of strong faults have developed. Locally the rock can be well mineralized with narrow, nearly massive sulphides most notably pyrite and pyrrhotite with traces of chalcopyrite. Strong surface weathering of these sulphide rich lenses has allowed for the well developed growth of wispy-curly clear to white gypsum minerals to form within the somewhat rotten and partially leached rock. The existence of the hydrous calcium sulphate may indicate that the emplacement of sulphide minerals in the area may be due to former hydrothermal activity. In general the associated rock contains from trace to 2% fine disseminations to irregular inclusions of pyrrhotite with lesser pyrite associated with fine traces of chalcopyrite, bornite and/or covelite. The rock also contains appreciable amounts of very fine disseminated magnetite, some of which is directly associated with the pyrrhotite. < 5 ppb Au, < 0.2 ppm Ag, 112 ppm Cu, < 1 ppm Pb and 18 ppm Zn.

RICHARDSON LAKE Sample Descriptions	
1000-06BA (3 + 45S, 3 + 52W)	Fine to medium grained aphanitic-phaneritic light to dark green intermediate metavolcanic rock. The rock appears to be made up of an agglomeration and lamination of equigranular mineral grains appearing to be made up primarily of silica bearing minerals. This rock type appears to have undergone partial recrystallization and silicious remobilization to develop minor grey oval to elongated quartz inclusions. The rock contains 1 - 2% distorted cubic to massive pyrite lense-like features parallel to the foliation. Very small amounts of chalcopyrite may also be present in the lenses which do not measure greater than 1/16 of an inch. Also associated with the sulphide lenses is a black sooty mineral which may be magnetite or possibly chalcocite. Trace to .5% disseminated sulphides consisting of irregular inclusions of pyrite, chalcopyrite and galena can be found, scattered throughout the material. The rock weathers to a highly rusty appearance and is associated with the rocks found within the wide zone of intense alteration.
1000-06BB (3 + 45S, 3 + 50W)	Very light green to brownish pink felsic to intermediate metavolcanic rock. The rock is fine grained aphanitic with some irregular alterations of the green to brown pink, highly siliceous laminations which, for the most part, contain only very minor mafic mineral constituents. Alternating with the highly siliceous laminations are laminated rocks of a more intermediate composition being made up of aphanitic silica minerals, segmented by 10-15% light green needles of an amphibole mineral possibly actinolite. The rock is very fresh looking and the laminations are thin ranging from less than 1/4 of an inch. The laminated rock may represent a thin flow interrupted by an intermediate tuff like rock. Secondary alterations such as the remobilization of silica to form irregular quartz inclusions are quite common. The quartz inclusions are often brown to red rusty but rarely contain any visible sulphide minerals. Microfracturing and the infilling of these fractures with rusty minerals is very common. 1 - 5% of finely disseminated yellow chalcopyrite with only trace amounts of irregular disseminations of pyrite and/or pyrrhotite can be observed. This rock sample was derived from an area found between two strong fault plains. The rock is moderately magnetic although no visible magnetite was observed. Magnetite is probably present as submicroscopic x-stals or particles.
1000-06BC (3 + 49S, 3 + 50W)	Yellow rusty to green grey very finely laminated moderately altered and leached felsic metavolcanic rock. The rock consists of very fine laminations of siliceous minerals including quartz and feldspars. The rock is aphanitic and does not contain any visible mafic minerals. The somewhat dark appearance of the rock is due to the presence of magnetite and sulphide minerals. The rock contains 10 - 15% finely disseminated irregular pyrite, chalcopyrite and possibly pyrrhotite throughout most of the laminations. Within this altered rock the pyrite mineralization appears to predominate with occasional larger inclusions of pyrite standing out in contrast with the bulk of the finer grained minerals. Scattered throughout the rock 5-7% disseminated globular masses to rare octahedral magnetite can be observed. The rock is very strongly magnetic. The rock sample was collected directly adjacent to the west fault found within the intense zone of alteration. Portions of the rock have been intensely fractured parallel to laminations and as well have been leached to a yellow, partially disintegrated rock the remaining being made up of primarily silica minerals, probably quartz. Surface exposure are very rusty.

RICHARDSON LAKE
Sample Descriptions

1000-06BD (3+45S, 3+50W)	Yellow rusty grey to yellow green poorly laminated felsic metavolcanic rock, which has undergone some minor folding. The rock consists of an equigranular assemblage of silica minerals within thin but subcontinuous alternating grey-green laminations. There does not appear to be any visible mafic minerals within any portion of this rock. It would appear for the most part that at least after the advent of various metamorphic episodes the rock could surely be classified within the felsic group of pyroclastic or flow-like rocks. Primary sulphide mineralization with the rock appears to consist of from 5-15% superfinely disseminated to irregular inclusion-like disseminations of pyrite, chalcopyrite, possibly pyrrhotite and small amounts of magnetite. The rock is only very weakly magnetic, as might be expected with the low to nearly absence magnetite content. Oddly this rock was also found to contain 1 - 3% of disseminated irregularly shaped crystal forms and masses which have been altered to a grey-black sooty mineral believed to be chalcocite. Within certain portions of the rock the sooty mineral appears to have been leached out. Portions of the rock have been highly altered forming thick rusty deposits along semi-irregular fracture surfaces which run parallel to foliation. This sample was collected from the area between the two faults of an intense alteration zone.
1000-30B (3+33S, 9+08W)	Grey-green extremely finely laminated foliated aphanitic rock. The fine grained sandy textured nature of the rock and the colour make it difficult to determine if the rock is a highly altered felsic or an intermediate metavolcanic. The rock consists primarily of carbonate minerals which react quite easily with weak acid. Very finely disseminated sulphides can be observed throughout the rock. The predominant amount of sulphide minerals are found to occur as 1 mm thick strataform lenses of compacted poorly formed chalcopyrite and pyrite crystals. These minor lenses of sulphides appear to be short and discontinuous, being confined to specific laminations and may in part be controlled by a series of parallel fractures. This particular material has not undergone any strong alteration. The surface exposure is not rusty while the laminations are often cross-cut by short joints. This sample was collected from the southern trenched portion of the "HJT Showing" above the coarsely broken felsic rocks. The rock is non-magnetic.
1000-31A (3+28S, 4+72W)	Rusty to silver grey irregularly foliated fine to medium grained white sericite mica schist. Aside from the obvious development of the sericite mica, the general constituents appear to be made up of light grey equigranular minerals, probably quartz, feldspars and amphiboles. It is difficult to determine whether or not the rock can be classified as an intermediate or felsic metavolcanic. The rock contains appreciable amounts of sericite mica which tends to lighten up the macroscopic colours. The development of sericite may have arisen from the metamorphic breakdown of certain amphibole and sodium bearing minerals. It is probable that the sericitic partings developed along former laminations, but is now manifested as foliations. It may be possible to speculate that if there were amphiboles present, they may have been present as minor spherulite which have been observed in the general vicinity and which may slightly indicate the leaning towards of a felsic volcanic deposited parent rock. The alteration and remobilization of siliceous materials has resulted in the formation of irregular shaped discontinuous lenses of clear-grey to black quartz, some of which may carry finely disseminated sulphide minerals. The quartz bearing inclusions have developed concordantly with the local foliation of the rocks. The bulk of the sericite schist carries 1-2% finely disseminated pyrite and chalcopyrite. Associated with the pyrite and chalcopyrite is 1 or 2% black grey sooty looking mineral observed throughout the rock which may be the graphite or chalcocite. Visible leaching has taken place which appears most evident within the visible quartz rich portion of the rock. The exposed surfaces and fractures which run parallel to the foliation are often coated with rust. The rock although not silicified, does not contain any appreciable carbonate nor is the rock magnetic. The rock sample was collected 15 to 20 feet stratagraphically below the Int-Fel/mafic metavolcanic contact a short distance north of 5+00W Line 4 south. The rock will often give off a distinctive sulphur odour.

* Indicates that the samples have been collected during the 1990 field season.

** Indicates approximated position only

The vast majority of the samples assayed were done so using the O.P.A.P. funding as has been specified in the original O.P.A.P. proposal. Please refer to Appendix I Certificates of Analysis for the analytical detals regarding the various samples described above.

As part of the review of the geology-geophysics etc. in an attempt to thoroughly assess the mineral potential of the mining claims, a cross section through the Holmstrom showing was generated and Pb/Zn/Cu rock geochemistry data was superimposed over the geology.

The generalized results of the detailed rock geochemical work has clearly shown that there is a very significant increase in the rock Pb/Zn content approaching the faulted contact between the amphibolite rocks and the intermediate-felsic rocks. Copper values are only slightly increased near the contact.

The fault marking the contact may have removed part of the intermediate-felsic stratigraphy. It is suspected that amphibolite rocks moved upwards in relation to the adjoining rocks. Deep erosion may have removed large portions of the sequence. Please refer to Figure No. 4 for the geochemical and cross-sectional details.

Pb-Zn-Cu Geochemical Profiles And X-Section
Thru. The "Holmstrom Showing"
scale = 1 inch = 10 feet

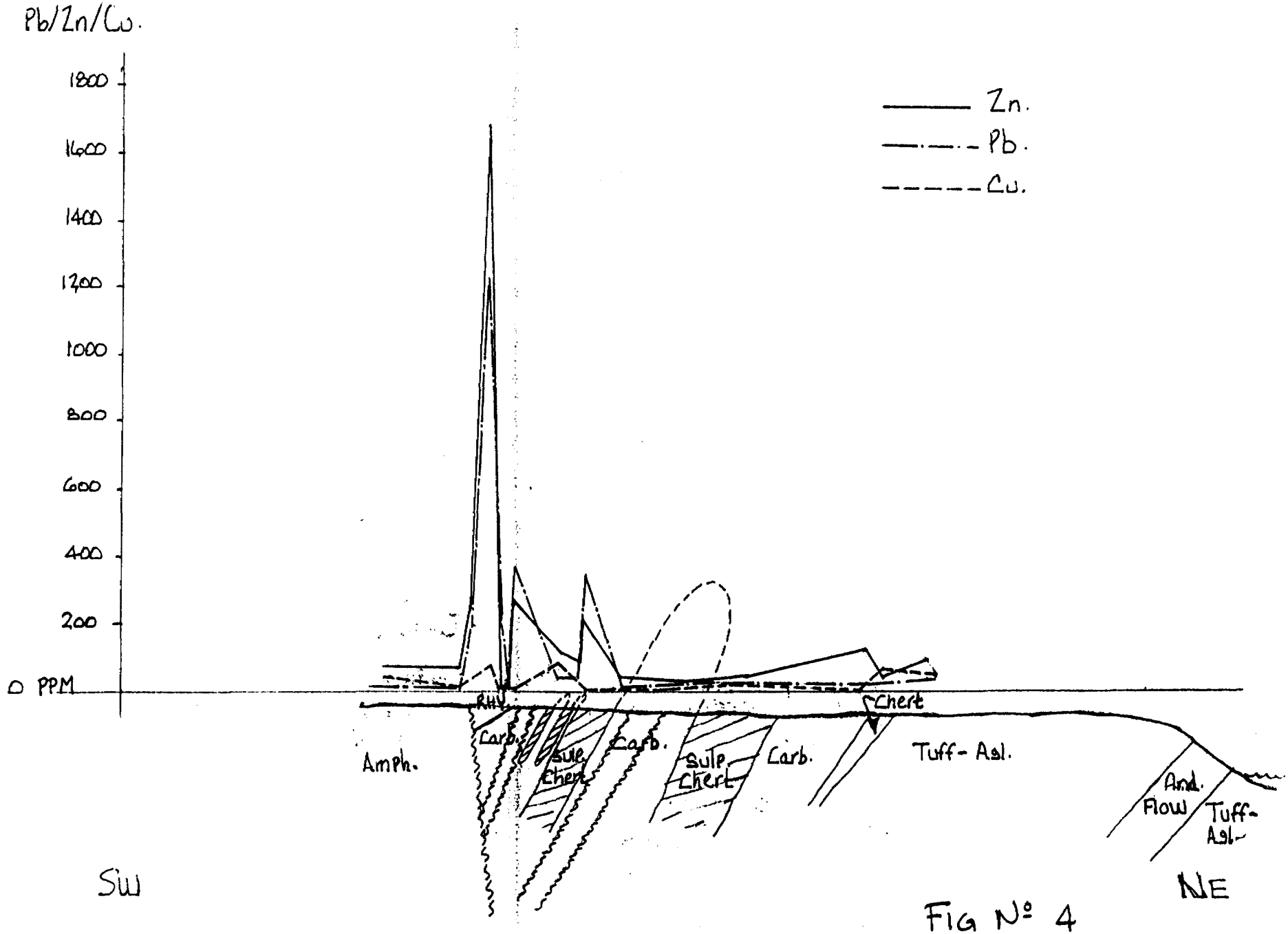


FIG Nº 4

9. DETERMINATION OF SOIL SAMPLIING MEDIA COLLECTED ON THE RICHARDSON LAKE PROPERTY FOR THE SOIL GEOCHEMICAL SURVEY

From the beginning of general acceptance of the various soil geochemical, lithochemical, geobotanical techniques which have been employed in potential mineral bearing areas of the Canadian Shield and other geological terrains, there have been adamantly practised, well documented and somewhat refined, particularly techniques used over time with respect to the analytical and data evolution. There has been a lot of detailed work in the refining of metal determinations to near infinite levels and developing the high complex computer models designed to deal with the myriad of data to turn numbers into something hopefully a little more understandable. When it comes right down to it, the final data can only be as good as the sample in which the numbers were originally determined. Regardless of how complex or expensive the data reduction techniques and the interpretative steps, inconsistencies in sample media, be it rock, soil, vegetation, water, the surrounding atmosphere, will ultimately lead to significant discrepancies and an unwanted bias in the end result.

It is very well known that in almost every scientific field it is nearly impossible to eliminate certain inconsistencies, random and systematic errors, bias, whether conscious or subconscious. In some way each of these variables must be addressed, never forgotten about, and invariably dealt with in whatever fashion and to whatever degree of intensity.

Addressing certain portions of the above equation can, at times, be difficult to determine until one is confronted with a situation where the variables are weighed out and the potential order of importance can be determined.

While collecting soil or rock samples from a designed and strictly established system of control lines, in many instances it is impossible to determine until the location is approached, whether or not the sought sample media is available to be collected.

If the chosen media to be collected is a B Θ horizon, was determined through previous data shuch as known geography, air photographs - geological and topographical maps etc. problems will probably occur. An example may be that the expectant ground cover is made up of swamp deposits and exposed outcroppings. Problems immediately arise where strictly swampy-humis bearing areas and moss and lichen covered outcroppings are approached.

At times where the sampling media randomly alternates, it can become very convenient to eliminate sampling materials which is an obvious sample bias. By not collecting a sample, a double bias is introduced since an important insertion of data or gap in the data has been created and no number

except 0 or a blank result. Since Θ is considered a number, it represents a value which, in a non-sample and assignment situation is a systematic error and bias. It is not impossible to have a physical analysis of a media to return a value of Θ although most values are usually reported as a given value of less than a specific detection limit etc. Although quite probably in contravention with those high level geochemical science workers, from an exploration point of view a change in sampling media should not necessarily result in a no sample. A sample should be collected and the resulting number can be dealt with in comparison with surrounding numbers. The questions still arise that there remains a sample bias. Although never possible to totally eliminate, biases can be dealt with mathematically.

By collecting the sample, a potentially valid, possible meaningful number as opposed to an assigned number will have been generated. The order of magnitude of the biased samples must be examined in comparison to those samples which fall within a specific media range. The higher or lower the magnitude of the values in comparison to the surrounding, the more difficult the interpretation might become.

Certainly with today's high-tech systems of data reduction, it is possible to review, statistically analyze, smooth out, correct and generate best fit models to help alleviate certain situations such as bias.

Random bias found within a specific media such as textural differences, chemistry, etc. are almost impossible to eliminate while collecting in the field. In most instances type of media, apparent volume and weights of samples can, for the most part, be controlled in the field. Fine tuning of the preceeding could also be accomplished in the lab. The overall consistency of the sampling procedure will become most evident during the laboratory preparation procedures where drying, sieve screening and crushing, etc. of the media will take place.

The chemistry determination will essentially be left up to the lab provided a sufficient quantity of media can be provided.

If it can be concluded that the results of an analytical procedure can only be as good as the media in which it is being analyzed. A number of specific aspects were taken into careful consideration when attempting to choose a sample media to collect on the Richardson Lake property.

Based on a thorough review of the resistive or abrasive nature of the various trends of the local geological features, including the preliminary study of the glaciogeographical features including the development of pleistocene and recent debris deposits, in conjunction with the forest cover, it was determined that the C Θhorizon would be the most appropriate media which to be sampled.

Forest cover on the property consists of a patchy assemblage of poorly developed, aged and highly deseased windblown stands of Spruce, Jack Pine, Poplar, Birch and ground brush species intermixed with very thick growth of Balsam, Fir and various swamp sedges, etc. It was determined and observed that in many places the A Θ horizon was poorly developed and highly variable. Depending on the topography, drainage, etc. the overall horizon can vary in thickness where hardwoods, deciduous and coniferous softwoods occur. It may be possible to connect the thickness of the horizon to the tree species. It is more likely that the thickness control factor is based more specifically on various aspects such as the species age and growth rates, stand density, overall health, height of land, wind speed and direction, seasonal precipitation rates and seasonal duration, temperatures, etc.

Because the area is made up of undulating rolling hills, the topography has a well developed intermix of vegetation cover. It was determined that the A Θ horizon materials would not be an applicable media to use in this particular survey.

The B Θ horizon soils in the areas are nearly as variably developed as the A Θ horizon materials. Generally, the B Θ horizon consists of a fine grey to white sandy clay soil directly below the vegetation horizon. In most instances the horizon is poorly developed to non-existent, depending on the nature of the terrain. In most of the swampy regions the B Θ horizon has not been developed, or may be unreachable because of the great thickness of the humic layer. In areas where outcrops are known to occur, B horizon soils are very poorly developed or non-existent depending on the moss or grass cover, etc. Attempting to retrieve B horizon soils over outcroppings can, at times, prove very difficult if not impossible. There is a greater chance for cross contamination from vegetation or decomposed rock matter, often resulting in misrepresentative samples being taken.

Primarily, only those locations which are flat or gently rolling and contain no swamp deposits may there be well developed B horizons which, in most instances, can be easily sampled.

Because of the variable nature of the terrain, the B Θ horizon soils range quite variably in thickness from place to place, and does not represent a consistent sampling media in this particular instance.

Based on the above presented information, it has been determined that the C Θ horizon soils would be the most applicable sampling media to use on the Richardson Lake Property area. There is no question that each of the developed soil horizons and their various subdivisions all have inconsistencies within them, and contain various orders of magnetude for each metal. Once the type of media has been chosen, based on the various deductions, minor inconsistencies within each sample would not be considered a major discontributing factor. Provided that the particular sample has not been overly contaminated with matter from the above horizons, the "C" horizon materials would be considered

consistent. Almost all of the mineral soils in the area are derived from sand, gravel and clay bearing till debris which rests upon the assorted volcanogenetic rocks of the property area.

With the exception of swampy areas, the local water table was only rarely detected at the sampling level. Most of the materials sampled consisted of rusty yellow to brown soils which, for the most part, doe not appear to have undergone any significant alteration.

In conclusion, as based on a reviewal of the various terrain characteristics, including the understanding of soil sampling techniques, it has been determined that C Θ horizon mineral soils were be the most appropriate media in which assorted geochemical analytical work was be carried out in an attempt to identify those areas with elevated metal values.

10. SOIL SAMPLING PRACTICES AND PROCEDURES

Throughout the duration of the Richardson Lake property soil sampling program every attempt was made to collect "C" Θ horizon mineral soils wherever possible.

A series of soil samples was collected along the grid lines which were previously established by Val D'or Geophysics in late February of 1991. The grid system consisted of 21 east-west cross lines turned perpendicularly off of a north-south base line. The total cut length of the grid was 13.7 km which included the base line. Approximately 38% of the grid lines were established on the ice of Richardson Lake. The remaining 62% of the grid lines were established over the land. Stations were established on each of the cross lines at 50 foot intervals and the cross lines were established at 200 foot centres. 62% of the originally cut grid was subject to soil sampling endeavours.

All of the cross line stations which were established on land were sampled using a 36 inch hard metal alloy, split spoon soil sample auger device. At each of the stations the auger sampler was placed perpendicular to the ground surface, as near to the station as possible, at which time the sampler was turned in the clockwise direction while applying a steady downward force. The sampling device was generally turned down to a depth below the surface of at least 12 inches at which time the device was pulled up and initially examined to determine if the C horizon had been encountered. If sufficient volumes of C horizon material was obtained, notations with respect to colour, material identification, topographical characteristics, adjacent outcroppings and rock type, including the line and station numbers were recorded for future reference and study.

Two BLMI crew members were involved in the Richardson Lake Property survey, together sampling, recording and transporting sample materials from station to station. The person who was operating the soil sampler would be responsible for making recording notations on the various samples and terrain data etc. The assistant was responsible for identifying the line number and the station number and identifying this information on a Kraft soil sampling bag using a waterproof felt marker. For the purpose of assisting the assaying lab, the letter C or H was used to designate the type of soil which was to undergo the analytical work.

For simplicity purposes each sample bag marked with the line number and the station number, was used to represent the sample number.

Upon the completion of daily sampling, the sample bags were strung out to air dry for a minimum of 48 hours. The dried soil samples were then shipped to Chemex Labs Ltd. in Toronto, Ontario, to undergo sample preparation procedures before being sent off to Vancouver, B.C. for the various metal

determinations.

While in Toronto the various samples were again dried and sieved through a -80 mesh screen prior to being subjected to a 10 gram F.A.-A.A. trace level gold determination including determining the content of 32 elements which included: Ag, Al, As, Ba, Be, Bi, Ca, Cd,Co, Cr, Cu, Fe, Ga, Hg, K. La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sc, Sr, Ti, Tl, U, V, W and Zn using a nitric-aqua-regia digestion and completing the procedure using Induced Coupled Plasma Spectroscopy (ICP) determination.

The results of the analytical procedures were reported in ppm, ppb and percent for certain elements.

10.1 SOIL SAMPLE COLLECTION INFORMATION

The CΘ horizon soil sampling program was carried out over much of the Richardson Lake Property during mid May of 1991 by BLMI personnel, Harold Tracanelli, GETN, (OPAP grant recipient), of Chelmsford, Ontario and contractor Pierre Noel, GETN of Timmins, Ontario.

The sampling procedures, dates and lines which were covered during the survey area are presented as follows:

1. May 11, 1991: 142 soil samples were collected along lines 2N, 0, 2S, 4S and 6S. The area topography is made up of minor rolling overburden hills and flat areas with only a few scattered outcroppings of proterozoic quartzites and archean metavolcanics.

2. May 12, 1991: 173 soil samples were collected along lines 8S, 10S, 12S and 14S. Throughout the sample area the metavolcanic outcroppings were more pronounced than those observed earlier on May 11, 1991.

3. May 13, 1991: 146 soil samples were collected along the remaining grid lines 16S, 18S, 20S, 24S and 26S. The topography in the southern reaches of the grid is noticeably more elevated with many mafic metavolcanic outcroppings were found protruding through he glacial till.

A total of 461 soil samples, were collected over a period of 3 days utilizing two men

The following soil sampling collected field data has been presented in a tabular form for quick future reference.

The following is the complete listing of the 461 C Θ horizon soil samples which were collected on the BLMI Richardson Lake property in May of 1991 by Harold Tracanelli and his assistant.

The soil sampling data chart includes the line number, station and sample number, soil type, soil sample description, observed topography and observed geology.

Please refer to the various geochemical maps and Appendix I for further details on the geochemical analysis etc.

SOIL SAMPLING DATA CHART					
Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L2N	L2N 100W	C	Till	Uphill	Lorrain Qtzites
L2N	L2N 150W	H	Wood vegetation material	Slight uphill	Lorrain Qtzites
L2N	L2N 200W	C	Till	Slight uphill	Lorrain Qtzites
L2N	L2N 250W	C	Sand till	Top of hill	Lorrain Qtzites
L2N	L2N 300W	C	Rusty sand	Top of hill	Lorrain Qtzites
L2N	L2N 350W	C	Sand till	Slight downhill	Lorrain Qtzites
L2N	L2N 400W	H & C	Clay till	Slight uphill	Lorrain Qtzites
L2N	L2N 450W	C	Coco brown sand	Top of hill	Lorrain Qtzites
L2N	L2N 500W	C	Yellow rust till	Slight downhill	Overburden
L2N	L2N 550W	B & C	Frozen clay till	Flat area	Overburden
L2N	L2N 600W	H	Humis?	Slight uphill	Overburden
L2N	L2N 650W	C	Slightly rusty till	Slight uphill	Overburden
L2N	L2N 700W	C	Grey sand clay	Flat area	Overburden
L2N	L2N 750W	C	Grey sand	Slight downhill	Overburden
	14 samples collected: 10 C 71.42% 2 H 14.29% 1 B & C 7.14% 1 H & C 7.14% 14 99.99%				

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
LON	LON 100W	C	Rock till	Flat area	Overburden
LON	LON 150W	C	Wet till	Flat area	Overburden
LON	LON 200W	C	Clay till	Sharp uphill	Rock outcrop?
LON	LON 250W	C	Sandy till	Moderate uphill	Rock outcrop?
LON	LON 300W	C	Grey clay sand	DownhillTop of hill	Overburden
LON	LON 350W	C	Rusty sandy till	Downhill?	Overburden
LON	LON 400W	C	Rusty sandy-clay till	Flat area	Overburden
LON	LON 450W	C	Rusty sand-till	Slight uphill	Overburden
LON	LON 500W	C	Rusty clay sand	Slight uphill	Overburden
LON	LON 550W	C	Rusty clay-sand till	Very slight downhill	Overburden
LON	LON 600W	C	Red-yellow rusty sand till	Very slight downhill	Overburden
LON	LON 650W	H	Black organic soils	Flat area	Large boulders
LON	LON 700W	C	Rusty till	Slight uphill	Overburden
LON	LON 750W	C	Red crusty sand till	Flat top of hill	Overburden
LON	LON 800W	C	Yellow rusty till	Slight downhill	Overburden
LON	LON 850W	C	Rusty clay till	Slight downhill	Overburden
LON	LON 900W	C	Rusty sand with rocks	?	Overburden
LON	LON 950W	C	Rusty till	Very slight downhill	Overburden
LON	LON 1000W	C	Grey clay sand till	Flat swamp	Overburden
LON	LON 1050W	C	Grey clay sand till	Flat swamp	Overburden
LON	LON 1100W	H	Frozen oganic soils	Flat area	Overburden
LON	LON 1150W	C	Rusty gravel	Very slight uphill	Overburden
LON	LON 1200W	C	Rusty clay gravel till	Uphill	Overburden
LON	LON 1250W	C	Rusty till	Top of hill	Volcanic outcrop
LON	LON 1300W	C	Yellow sand	Very slight downhill	Overburden
LON	LON 1350W	C	Gravel till	Downhill	Overburden
LON	LON 1400W	C	Rusty clay sand till	Downhill	Overburden
LON	LON 1450W	C	Grey clay sand boulders	Swamp area	Overburden
LON	LON 1500W	H	Organic Soils	Swamp area	Overburden
	29 Samples Collected: 26 C 89.66% 3 H 10.34% 29 100.00%				

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L2S	L2S 100W	H	Organic soils boulders	Swamp area	Overburden
L2S	L2S 150W	C	Grey black clay sand	Swamp boulders	Overburden
L2S	L2S 200W	C	Rusty sand gravel	Very slight downhill	Overburden
L2S	L2S 250W	C	Rusty sand till	Veryslight downhill	Overburden
L2S	L2S 300W	C	Grey-yellow sand till	Flat	Overburden
L2S	L2S 350W	C	Rusty gravel	Very slight uphill	Overburden
L2S	L2S 400W	C	West grey clay gravel till	Flat area	Overburden
L2S	L2S 450W	C	Very rusty clay gravel till	Flat area	Overburden
L2S	L2S 500W	C	Grey clay till boulders	Swamp area	Overburden
L2S	L2S 550W	C	Rusty yellow gravel	Flat area	Overburden
L2S	L2S 600W	C	Very rusty sand till	Flat area	Overburden
L2S	L2S 650W	C	Rusty sand till	Flat area	Overburden
L2S	L2S 700W	C	Rusty grey yellow sand	Flat area	Overburden
L2S	L2S 750W	C	Very rusty gravel till	Flat area	Overburden
L2S	L2S 800W	C	Rusty clay till	Flat area	Overburden
L2S	L2S 850W	C	Rusty clay gravel till	Slight uphill	Overburden
L2S	L2S 900W	H	Organic soils-boulders	Swampy area	Overburden
L2S	L2S 950W	C	Grey clay sand boulders	Swampy area	Overburden
L2S	L2S 1000W	H	Organic soils boulders	Swampy area	Overburden
L2S	L2S 1050W	C	Yellow gravel	Swampy area	Overburden
L2S	L2S 1100W	C	Grey clay till boulders	Swampy area	Overburden
L2S	L2S 1150W	C	Rusty red yellow till	Flat area	Overburden
L2S	L2S 1200W	H	Organic soils	Very slight downhill	Overburden
L2S	L2S 1250W	C	Rusty yellow sandy clay	Very slight uphill	Overburden
L2S	L2S 1300W	H & C	Organic soils & boulders	Very slight uphill	Overburden
L2S	L2S 1350W	H	Organic soils boulders	Swampy area	Overburden
L2S	L2S 1400W	H	Organic soils	Swampy area	Overburden
L2S	L2S 1450W	C & H	Clay and organic soils	Swampy area	Overburden
L2S	L2S 1500W	H	Organic Soils	Swampy area	Overburden

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
	29 Samples Collected: 19 C 65.52% 7 H 24.14% 7 H 3.45% 2 H&C 6.90% 29 100.01%				

SOIL SAMPLING DATA CHART					
Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L4S	L4S 100E	C	Very red rusty till gravel	Flat area	Overburden
L4S	L4S 050E	C	Yellow rusty sand till	Flat area	Overburden
L4S	BL L4S 000	C	Rusty till	Flat area	Overburden
L4S	L4S 050W	C	Buff yellow rusty clay till	Flat area	Overburden
L4S	L4S 100W	C	Rusty clay till	Flat area	Overburden
L4S	L4S 150W	C	Rusty clay till gravel	Flat area	Overburden
L4S	L4S 200W	C	Rusty gravel till	Flat area	Overburden
L4S	L4S 250W	C	Rusty yellow gravel till	Flat area	Overburden
L4S	L4S 300W	C	Yellow fine sand	Flat area	Overburden
L4S	L4S 350W	C	Rusty clay sand	Scarp face	Layered Rhyolite-Py
L4S	L4S 400W	C	Clay gravel	Top of hill	Mafic vol. outcrop
L4S	L4S 450W	C	Rusty clay till	Top of hill	Mafic vol. outcrop
L4S	L4S 500W	C	Rusty Mn red clay sand	Top of hill	Overburden
L4S	L4S 550W	C	Rusty Mn red clay sand	Top of hill	Overburden
L4S	L4S 600W	C	Grey clay	Sharp downhill	Rusty vol. outcrop
L4S	L4S 650W	C	Brown clay till	Slight downhill	Overburden
L4S	L4S 700W	C	Rusty sandy clay till	Slight downhill	Overburden
L4S	L4S 750W	C	Clay till with boulders	Flat area	Overburden
L4S	L4S 800W	C	Rusty clay till	Slight uphill	Overburden
L4S	L4S 850W	C	Very rusty till	Flat area	Overburden
L4S	L4S 900W	H	Organic soils	Top of small hill	Mafic vol. outcrop
L4S	L4S 950W	C	Wet grey clay gravel	Swampy area	Overburden
L4S	L4S 1000W	C	Grey white clay gravel boulders boulders	Swampy area	Overburden
L4S	L4S 1050W	C	Grey sand boulders	Swampy area	Overburden
L4S	L4S 1100W	C	Brown clay	Flat area	Mafic vol. outcrop
L4S	L4S 1150W	C	Rusty yellow sand till	Flat area	Volcanic outcrop
L4S	L4S 1200W	C	Very rusty clay gravel till	Very slight downhill	Overburden
L4S	L4S 1250W	C	Rusty gravel	Flat area	Overburden
L4S	L4S 1300W	C	Wet grey sand till boulders	Flat area	Overburden
L4S	L4S 1350W	C	Wet grey sand with boulders	Flat areas	Overburden

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L4S	L4S 1400W	V	Moss growth on top of boulders	Swampy area	Overburden
L4S	L4S 1450W	V	Moss no soil boulders	Swampy area	Overburden
L4S	L4S 1500W	H	Organic soils and boulders	Swampy area	Overburden
	33 Samples Collected: 29 C 87.88% 2 H 6.06% 2 V 6.06% 33 100.00%				

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L6S	L6S 300E	C	Grey brown clay sand till	Slight uphill	Vol. outcrop
L6S	L6S 250E	C	Rusty red clay sand	Flat area	Vol. carb/sulp. outcrop
L6S	L6S 200E	C	Red clay soil	Top of hill	Ryholite/carb. outcrop
L6S	L6S 150E	C	Red clay-like soils	Beside cliff face	Mafic vol. outcrop
L6S	L6S 100E	C	Brown soil	Beside cliff face	Mafic vol. outcrop
L6S	L6S 050E	H	Organic soils	Beside cliff face	Mafic vol. outcrop
L6S	BL L6S 000	H	Organic soils	Top of hill	Felsic/Mafic vol. outcrop
L6S	L6S 050W	C	Rusty clay soils	Top of hill	Volcanic outcrop
L6S	L6S 100W	C	Very rusty till	Slight uphill	Overburden
L6S	L6S 150W	C	Rusty clay till	Slight downhill	Overburden
L6S	L6S 200W	C	Yellow rusty sand till	Slight downhill	Overburden
L6S	L6S 250W	C	Mineral soils	Top of hill	Volcanic outcrop
L6S	L6S 300W	H	Organic soils	Top of hill	Overburden
L6S	L6S 350W	H & C	Organic and mineral soils	Flat area	Overburden
L6S	L6S 400W	C	Very rusty clay till	Very slight uphill	Overburden
L6S	L6S 450W	C	Grey clay till	Top of hill	Overburden
L6S	L6S 500W	C	Sandy gravel till	Very slight uphill	Overburden
L6S	L6S 550W	C	Rusty yellow fine sand	Slight uphill	Overburden
L6S	L6S 600W	C	Yellow till	Uphill	Fel. volcanic outcrop
L6S	L6S 650W	C	Rusty yellow till	Uphill	Volcanic outcrop
L6S	L6S 700W	C	Rusty yellow clay gravel till	Slight uphill	Overburden
L6S	L6S 750W	H	Organic soils	Open swamp	Overburden
L6S	L6S 800W	H	Organic soils	Open swamp	Overburden
L6S	L6S 850W	C	Chocolate grey clay till	Swamp area	Overburden
L6S	L6S 900W	C	Dark grey clay till boulders	Swamp area	Overburden
L6S	L6S 950W	C	Brown sand with boulders	Swamp area	Mafic vol. outcrop
L6S	L6S 1000W	C	White sand gravel boulders	Swamp area	Overburden
L6S	L6S 1050W	C	Brown clay gravel sand	Swampy area	Overburden
L6S	L6S 1100W	C	Rusty gravel	Flat area	Overburden
L6S	L6S 1150W	C	Wet yellow redish till	Flat area	Overburden
L6S	L6S 1200W	C	Rusty red gravel till	Flat area	Overburden

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L6S	L6S 1250W	C	Grey clay till	Very slight uphill	Overburden
L6S	L6S 1300W	C	Grey gravel sand boulders	Swamp area	Overburden
L6S	L6S 1350W	C	Slightly rusty clay till	Slight downhill	Overburden
L6S	L6S 1400W	C	Rusty yellow sands	Very slight downhill	Overburden
L6S	L6S 1450W	C	Rusty clay till	Flat area	Overburden
L6S	L6S 1500W	C	Sticky sandy clay	Flat area	Overburden
	37 Samples Collected: 31 C 83.78% 1 H&C 2.70% 5 H 13.51% 37 99.99%				

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L8S	L8S 450E	C	Yellow brown sand gravel till	Flat area	Overburden
L8S	L8S 400E	C	Rusty orange red sand clay till	Hill	Volcanic outcrop
L8S	L8S 350E	C	Rusty clay gravel till	Flat area	Mafic vol. outcrop
L8S	L8S 300E	C	Rusty clay gravel till	Mod. downhill	Overburden
L8S	L8S 250E	H	Organic soils	Top of hill	Mafic volcanic outcrop
L8S	L8S 200E	C	Rusty sand clay till	Flat area	Overburden
L8S	L8S 150E	C	Rusty brown sand clay till	Top of hill	Overburden
L8S	L8S 100E	C	Red brown rusty till	Slight uphill	Overburden
L8S	L8S 050E	C	Yellow rusty sand gravel till	Slight uphill	Overburden
L8S	LBS 000	C	Rusty yellow gravel till	Top of rise	Overburden
L8S	L8S 050W	C	Clay till	Slight rise	Mafic vol. outcrop
L8S	L8S 100W	C	Rusty yellow gravel	Flat area	Overburden
L8S	L8S 150W	H	Organic soils boulders	Swamp area	Overburden
L8S	L8S 200W	H	Organic soils	Swamp area	Overburden
L8S	L8S 250W	C	Grey brown sand gravel till	Flat area	Overburden
L8S	L8S 300W	C	Rusty dark brown sand gravel	Flat area	Mafic vol. outcrop
L8S	L8S 350W	C	Rusty sand clay till	Slight uphill	Overburden
L8S	L8S 400W	C	Yellow sand clay till	Flat area	Overburden
L8S	L8S 450W	C	Rusty brown sand clay till	Slight downhill	Overburden
L8S	L8S 500W	C	Brown clay sand till	Slight rise	Int/Fel. rusty vol. outcrop
L8S	L8S 550W	C	Clay gravel till	Flat area	Overburden area
L8S	L8S 600W	C	Rusty brown till	Top of hill	Rusty mafic vol. outcrop
L8S	L8S 650W	C	Rusty gravel till	Slight uphill	Overburden
L8S	L8S 700W	B	Ash grey soil	Slight uphill	Overburden
L8S	L8S 750W	C	Very rusty clay till	Mod. uphill	Overburden
L8S	L8S 800W	C	Yellow brown till	Slight rise	Metavolcanic outcrop
L8S	L8S 850W	C	Rusty yellow gravel till	Slight downhill	
L8S	L8S 900W	C	Yellow rusty till boulders	Top of rise	Overburden

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L8S	L8S 950W	C	Wet grey sand gravel till	Slight uphill	Overburden
L8S	L8S 1000W	C	Yellow till gravel	Slight downhill	Overburden
L8S	L8S 1050W	C	Very rusty sand clay	Flat area	Mafic vol. outcrop
L8S	L8S 1100W	C	Rusty sandy clay till	Slight uphill	Gabbro outcrop
L8S	L8S 1150W	C	Very rusty sand clay	Slight downhill	Overburden
L8S	L8S 1200W	C	Ash grey sand material	Top of hill	Overburden
L8S	L8S 1250W	C	Grey sandy till	Top of hill	Qtz. Prophyry outcrop
L8S	L8S 1300W	C	Grey sand clay boulders	Flat area	Metavolcanic outcrop
L8S	L8S 1350W	C	Rusty yellow grey clay till	Flat area	Alt. Qtz Porphyry outcrop
L8S	L8S 1400W	C	Yellow-chocolate till	Slight downhill	Overburden
L8S	L8S 1450W	C	Rusty yellow till	Slight downhill	Overburden
L8S	L8S 1500W	C	Rusty yellow sand till	Flat area	Overburden
	40 Samples Collected: 1 B 2.50 % 36 C 90.00% 3 H 7.50% 40 100.00%				

SOIL SAMPLING DATA CHART					
Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L10S	L10S 500E	H & C	Organic and mineral soils	Uphill	Metavolcanic outcrop
L10S	L10S 450E	C	Brown clay sand	Moderate uphill	Overburden
L10S	L10S 400E	C	Rusty brown clay till	Top of hill	Metavolcanic outcrop
L10S	L10S 350E	C	Rusty clay till	Slight downhill	Overburden
L10S	L10S 300E	C	Grey brown till	Slight uphill	Overburden
L10S	L10S 250E	C	Wet sand clay	Down in gully	Overburden
L10S	L10S 200E	C	Rusty brown till	Flat area	Overburden
L10S	L10S 150E	C	Wet rusty gravel	Flat area	Overburden
L10S	L10S 100E	C	Wet grey green gravel	Flat area	Overburden
L10S	L10S 050E	C	Rusty till	Slight uphill	Overburden
L10S	BL L10S 000	C	Rusty green sand	Flat area	Overburden
L10S	L10S 050W	C	Rusty sand till	Slight uphill	Overburden
L10S	L10S 100W	H & C	Organics with sandy till	Till uphill	Overburden
L10S	L10S 150W	C	Wet rusty clay till	?	Fels. vol. outcrop
L10S	L10S 200W	C	Chocolate clay till	Slight uphill	Overburden
L10S	L10S 250W	C	Brown till	Rolling terraine	Mafic vol. outcrop
L10S	L10S 300W	C	Wet rusty brown till clay	Slight downhill	Overburden
L10S	L10S 350W	C	Wet grey gravel	Slight gully	Overburden
L10S	L10S 400W	C	Rusty till	Slight uphill	Overburden
L10S	L10S 450W	C	Rusty sand till	Flat area	Overburden
L10S	L10S 500W	C	Rusty clay sand	Flat area	Overburden
L10S	L10S 550W	C	Grey yellow clay sand	Flat area	Overburden
L10S	L10S 600W	C	Brown yellow till	Flat area	Mafic vol. outcrop
L10S	L10S 650W	C	Wet brown yellow gravel till	Slight downhill	Overburden
L10S	L10S 700W	C	Yellow brown clay gravel till	Slight downhill	Overburden
L10S	L10S 750W	H & C	Organics with till boulders	Flat area	Overburden
L10S	L10S 800W	C	Wet rusty yellow till	Slight downhill	Overburden
L10S	L10S 850W	C	Rusty clay sand till	Slight downhill	Overburden
L10S	L10S 900W	C	Wet white grey till boulders	Slight downhill	Overburden
L10S	L10S 950W	C	Rusty brown clay gravel till	Slight downhill	Overburden

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L10S	L10S 1000W	C	Rusty clay till	Flat area	Gabbro outcrop
L10S	L10S 1050W	C	Rusty clay gravel till	Slight rise	Int. vol. outcrop
L10S	L10S 1100W	C	Rusty chocolate till	Slight uphill	Rusty Mafic vol. outcrop outcrop
L10S	L10S 1150W	C	Yellow clay sandtill	Downhill	Mafic vol. outcrop
L10S	L10S 1200W	C	Yellow clay sand till	Downhill	Overburden
L10S	L10S 1250W	C	Wet yellow grey till	Flat area	Overburden
L10S	L10S 1300W	C	Wet brown clay till	Alder swamp	Overburden
L10S	L10S 1350W	C	Chocolate-green clay till till	Flat area	Fine grained gabbro
L10S	L10S 1400W	C	Rusty brown clay	Flat area	Overburden
L10S	L10S 1450W	C	Rusty brown clay till	Flat area	Overburden
L10S	L10S 1500W	C	Rusty grey clay gravel till	Flat area	Overburden
L10S	L10S 1550W	C	Rusty yellow grey till	Flat area	Overburden
	42 Samples Collected: 39 C 92.86% 3 H 7.14% 42 100.00%				

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L12S	L12S 600E	C	Coco brown soil	Top of hill	Mafic vol. outcrop
L12S	L12S 550E	C	Rusty yellow brown sand and gravel till	Moderate downhill	Overburden
L12S	L12S 500E	C	Grey yellow till	Steep downhill	Overburden
L12S	L12S 450E	C	Rusty yellow gravel till	Flat area	Overburden
L12S	L12S 400E	C	Grey brown sand till	Flat area	Overburden
L12S	L12S 350E	C	Brown rusty sand till	Flat area	Overburden
L12S	L12S 300E	C	Grey clay sand till boulders	Swamp	Overburden
L12S	L12S 250E	C	Extremely rusty yellow sand clay till	Flat area	Overburden
L12S	L12S 200E	C	Rusty yellow brown gravel till gravel	Mod. downhill	Overburden
L12S	L12S 150E	C	Grey sand clay till	Mod. downhill	Overburden
L12S	L12S S100E	C	Grey brown sand clay till	Slight downhill	Overburden
L12S	L12S 050E	C	Rusty red brown gravel clay till	Slight downhill	Overburden
L12S	BL L125 000	C	Yellow brown gravel clay till	?	Overburden
L12S	L12S 050W	C	Rusty yellow till	Downhill	Overburden
L12S	L12S 100W	C	Brown gravel till	Flat area	Int/Fes. vol. outcrop
L12S	L12S 150W	C	Extremely rusty till	Slight uphill	Fels. vol. outcrop
L12S	L12S 200W	C	Brown red till	Flat area	Overburden
L12S	L12S 250W	C	Wet yellow gravel till	Flat area	Overburden
L12S	L12S 300W	C	Yellow brown sand and gravel till	Flat area	Overburden
L12S	L12S 350W	C	Yellow grey gravel till	Very slight uphill	Overburden
L12S	L12S 400W	H	Organic soils boulders	Swamp area	Overburden
L12S	L12S 450W	C	Very rusty sand gravel till	Flat area	Overburden
L12S	L12S 500W	C	Very rusty sand till	Flat area	Overburden
L12S	L12S 550W	C	Rusty brown red sand clay till	Slight uphill	Mafic vol. outcrop
L12S	L12S 600W	C	Grey till	Swamp area	Overburden
L12S	L12S 650W	C	Rusty yellow brown sand till	Swamp area	Int/Mafic Vol. outcrop
L12S	L12S 700W	C	Wet yellow gravel till gravel till	Swamp area	Overburden

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L12S	L12S 750W	C	Brown rusty sand till	Spruce swamp	Overburden
L12S	L12S 800W	H	Organic soils	Spruce swamp	Overburden
L12S	L12S 850W	H	Organic soils	Spruce swamp	Overburden
L12S	L12S 900W	C	Rusty brown clay gravel till boulders	Flat area	Overburden
L12S	L12S 950W	C	Grey sand gravel clay till	Flat area	Overburden
L12S	L12 1000W	C	Grey brown sand clay till	Slight downhill	Overburden
L12S	L12S 1050W	C	Light yellow sand gravel till	Flat area	Overburden
L12S	L12S 1100W	C	Yellow sand gravel till	Flat area	Overburden/outcrop
L12S	L12S 1150W	C	Wet rusty gravel till	Flat area	Gabbro outcrop
L12S	L12S 1200W	C	Rusty sand gravel clay till	Slight uphill	Overburden
L12S	L12S 1250W	C	Rusty brown clay gravel till	Slight uphill	Overburden
L12S	L12S 1300W	C	Grey clay sand till	Slight downhill	Overburden
L12S	L12S 1350W	C	Rusty yellow till till	Flat area	Overburden
L12S	L12S 1400W	C	Yellow brown sand gravel till	Uphill	Overburden
L12S	L12S 1450W	H	Organic soils boulders	Flat area	Overburden
L12S	L12S 1500W	C	Coco brown grey clay till	Slight downhill	Overburden
L12S	L12S 1550W	C	Rusty gravel till	Flat area	Mafic vol. outcrop
	44 Samples Collected: 40 C 90.91% 4 H 9.09% 44 100.00%				

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L14S	L14S 700E	C	Chocolate brown clay sand	Steep uphill	Overburden
L14S	L14S 700E	C	Brown sand clay	Steep uphill	Mafic Vol. outcrop
L14S	L14S 650E	C	Black soil	Top of hill	Overburden
L14S	L14S 600E	C	Rusty brown sand till	Top of hill	Overburden
L14S	L14S 550E	C	Rusty till	Flat area	Overburden
L14S	L14S 500E	H	Organic soils boulders	Swamp area	Overburden
L14S	L14S 450E	C	Grey brown sand clay	Swamp area	Overburden
L14S	L14S 400E	C	Black clay sand	Swamp area	Overburden
L14S	L14S 350E	H	Organic soils gravel till gravel	Swamp area	Int/Fel. Vol. outcrop
L14S	L14S 300E	C	Light grey clay till	Slight uphill	Overburden
L14S	L14S 250E	C	Very rusty sand gravel till	Mod. uphill	Mafic Vol. outcrop
L14S	L14S 200E	C	Wet grey clay sand till	Mod. uphill	Mafic Vol. Outcrop
L14S	L14S 150E	C	Brown till	Slight uphill	Overburden
L14S	L14S 100E	C	Yellow sand gravel till	Slight uphill	Overburden
L14S	L14S 050E	C	Rusty yellow brown till	Flat area	Overburden
L14S	BL L145 000	C	Wet brown clay till	Very slight uphill	Overburden
L14S	L14S 050W	C	Yellow grey gravel till	Flat area	Overburden
L14S	L14S 100W	C	Rusty yellow sand till	Slight rise	Overburden
L14S	L14S 150W	C	Very rusty yellow gravel	Flat area	Overburden
L14S	L14S 200W	C	Grey clay sand boulders	Swamp area	Overburden
L14S	L14S 250W	C	Rusty brown sandy till	Flat area	Mafic Vol. outcrop
L14S	L14S 300W	C	Red brown sand gravel till	Flat area	Metavolcanic outcrop
L14S	L14S 350W	C	Rusty brown clay till	Flat area	Overburden
L14S	L14S 400W	C	Yellow gravel till	Slight downhill	Overburden
L14S	L14S 450W	C	Rusty yellow sand clay till	Swamp area	Overburden
L14S	L14S 500W	C	Yellow tan sand clay	Slight uphill	Int/Mafic Vol. outcrop
L14S	L14S 550W	C	Rusty yellow gravel till clay till	Slight downhill	Overburden
L14S	L14S 600W	H	Organic soils	Open swamp	Overburden
L14S	L14S 650W	C & H	Black till and organics	Swamp area	Overburden

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L14S	L14S 700W	C	Rusty yellow sand gravel till gravel till	Flat area	Mafic Vol. outcrop
L14S	L14S 750W	C	Rusty red gravel till	Slight uphill	Overburden
L14S	L14S 800W	C	Very rusty till	Top of hill	Mafic Vol. outcrop
L14S	L14S 850W	C	Coco brown sand	Top of hill	Mafic Vol. outcrop
L14S	L14S 900W	C	Brown grey till till boulders	Flat area	Overburden
L14S	L14S 950W	C	Rusty yellow sand gravel till	Flat area	Int/Mafic Vol. outcrop
L14S	L14 1000W	C	Rusty brown clay sand gravel till	Flat area	Mafic Vol. outcrop
L14S	L14S 1050W	C	Rusty yellow sand till	Slight rise	Overburden
L14S	L14S 1100W	C	Grey sand gravel till	Slight uphill	Mafic vol. outcrop
L14S	L14S 1150W	C	Grey sandy material	Top of hill	Mafic vol. outcrop
L14S	L14S 1200W	C	Swamp area	Swamp area	Overburden
L14S	L14S 1250W	C	Rusty yellow sand till	Swamp area	Overburden
L14S	L14S 1300W	H	Organic soils boulders	Open swamp	Overburden
L14S	L14S 1350W	H	Organic soils	Swamp area	Overburden
L14S	L14S 1400W	C	Grey brown sand till	Flat area	Overburden
L14S	L14S 1450W	C	Yellow brown till	Flat area	Overburden
L14S	L14S 1500W	C	Rusty yellow till	Flat area	Overburden
L14S	L14S 1550W	C	Fine yellow sand	Flat area	Overburden
	47 Samples Collected: 41 C 87.23% 1 C & H 2.13% 5 H 10.64% 47 100.00%				

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L16E	L16E 700E	H & C	Organics with grey till	Downhill	Overburden
L16E	L16E 650E	C	Light brown clay till	Mod. downhill	Mafic Vol. outcrop
L16E	L16E 600E	C	Rusty red brown sand and gravel till	Mod. downhill	Mafic Vol. outcrop
L16E	L16E 550E	C	Rusty yellow sand gravel till	Mod. downhill	Overburden
L16E	L16E 500E	C	Rusty yellow sand gravel till	Downhill	Mafic Vol. outcrop
L16E	L16E 450E	C	Grey white clay material	Slight rise	Mafic Vol. outcrop
L16E	L16E 400E	C	Rusty brown clay till	Slight downhill	Mafic Vol. outcrop
L16E	L16E 350E	C	Rusty brown till gravel	Slight uphill	Mafic Vol. outcrop
L16E	L16E 300E	C	Dark grey till	Slight uphill	Mafic Vol. outcrop
L16E	L16E 250E	C	Grey green sand gravel till till	Swamp area	Overburden
L16E	L16E 200E	C	Grey clay gravel till	Swamp area	Overburden
L16E	L16E 150E	C	Rusty red clay till	Slight uphill	Overburden
L16E	L16E 100E	C	Rusty red brown clay till	Slight downhill	Int. Vol. outcrop
L16E	L16E 050E	C	Chocolate brown till	Uphill	Overburden
L16E	BLL 16E 000	H	Organic soils	Swamp area	Overburden
L16E	L16E 050W	C	Grey gravel till	Swamp area	Overburden
L16E	L16E 100W	C	Extremely rusty gravel	Swamp area	Overburden
L16E	L16E 150W	C	Rusty grey sand clay boulders gravel	Swamp	Overburden
L16E	L16E 200W	C	Rusty yellow sand clay	Swamp	Overburden
L16E	L16E 250W	C	Grey sand gravel till boulders sandy till	Swamp	Overburden
	20 Samples Collected: 18 C 90.00% 1 H 5.00% 1 H & C 5.00 % 20 100.00%				

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L18S	L18S 750E	C	Grey brown till	Very steep hill	Overburden
L18S	L18S 700E	C	Rusty till	Very steep hill	Overburden
L18S	L18S 650E	C	Rusty brown till	Very steep hill	Mafic Vol. outcrop
L18S	L18S 600E	C	Grey clay till	Mod. uphill	Overburden
L18S	L18S 550E	C	Grey clay till	Mod. uphill	Mafic Vol. outcrop
L18S	L18S 500E	C	Rusty brown grey clay sand	Mod. uphill	Mafic Vol. outcrop
L18S	L18S 450E	C	Rusty red clay till	Uphill	Mafic Vol. outcrop
L18S	L18S 400E	C	Yellow clay till	uphill	Overburden
L18S	L18S 350E	C	Wet yellow clay till	Gully area	Mafic Vol. outcrop
L18S	L18S 300E	C	Rusty brown yellow till	Mod. downhill	Mafic Vol. outcrop
L18S	L18S 250E	C	Grey sand clay	Swamp area	Overburden
L18S	L18S 200E	H & C	Organic and mineral soils	Swamp area	Mafic Vol. outcrop
L18S	L18S 150E	C	Yellow sand and gravel till	Uphill	Mafic Vol. outcrop
L18S	L18S 100E	C	Rusty red sand gravel till	Uphill	Overburden
L18S	L18S 050E	C	Red yellow brown clay till	Uphill	Overburden
L18S	BLL L18S 000	C	Rusty grey sand gravel clay till	Flat	Overburden
L18S	L18S 050W	C	Rusty yellow sand gravel till	Flat area	Overburden
L18S	L18S 100W	C	Rusty yellow sand gravel till	Flat area	Overburden
L18S	L18S 150W	C	Rusty grey sand gravel till	Flat area	Overburden
L18S	L18S 200W	C	Rusty brown sand clay till	Slight uphill	Overburden
L18S	L18S 250W	C	Rusty red yellow sand and gravel till boulders sandy till	Flat area	Overburden
	21 Samples Collected: 20 C 95.24% 1 H&C 4.76% 21 100.00%				

SOIL SAMPLING DATA CHART					
Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L20S	L20S 850E	H	Organic soils	Near lake shore	Overburden
L20S	L20S 800E	C	Brown till	Scarp face	Int/Mafic Vol. outcrop
L20S	L20S 750E	C	Very rusty soil	Hill	Overburden
L20S	L20S 700E	C	Yellow grey till	Mod. downhill	Mafic Vol. outcrop
L20S	L20S 650E	C	Brown clay till	Downhill	Mafic Vol. outcrop
L20S	L20S 600E	C	Very rusty yellow brown sand	Downhill	Mafic Vol. outcrop
L20S	L20S 550E	C	Grey clay sand	Flat area	Mafic Vol. outcrop
L20S	L20S 500E	C	Grey clay sand till	Flat area	Overburden
L20S	L20S 450E	C	Rusty orange yellow sand and gravel till	Mod. uphill	Mafic Vol. outcrop
L20S	L20S 400E	C	Rusy yellow sand gravel till	Flat area	Overburden
L20S	L20S 350E	C	Yellow rusty sand	Swamp area	Overburden
L20S	L20S 300E	C	Very rusty till	Flat area	Mafic volcanics with pegmatite veins
L20S	L20S 250E	C	Yellow sand gravel till	Slight downhill	Mafic vol. outcrop
L20S	L20S 200E	C	Yellow brown clay till	Top of hill	Mafic Vol. outcrop
L20S	L20S 150E	H	Organic soils	Swamp	Overburden
L20S	L20S 100E	C	Brown clay till	Slight downhill	Mafic vol. outcrop
L20S	L20S 050E	C	Rusty brown sand and gravel till	Flat area	Mafic vol. outcrop
L20S	BLL L20S 000	C	Rusty brown orange clay till	Flat area	Overburden
L20S	L20S 050W	C	Grey brown sand gravel	Swamp area	Overburden
L20S	L20S 100W	C	Rusty brown grey sand and gravel till	Downhill	Overburden
L20S	L20S 150W	C	Rusty brown gravel till	Slight uphill	Overburden
L20S	L20S 200W	C	Yellow clay sand till	Flat area	Overburden
L20S	L20S 250W	C	Yellow clay gravel till	Flat area	Overburden
	23 Samples Collected: 20 C 90.90% 2 H&C 9.09% 22 99.99%				

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L22S	L22S 1000E	C	Yellow sand till boulders	Flat	Overburden
L22S	L22S 950E	C	Yellow rusty sand	Slight uphill	Overburden
L22S	L22S 900E	C	Rusty brown clay till	Top of hill	Mafic vol. outcrop
L22S	L22S 850E	C	Grey clay till	Gully	Overburden
L22S	L22S 800E	C	Brown till	Top of hill	Mafic Vol. outcrop
L22S	L22S 750E	C	Rusty brown clay till	Slight uphill	Overburden
L22S	L22S 700E	C	Grey sand gravel	Uphill	Mafic Vol. outcrop
L22S	L22S 650E	C	Yellow sand	Steep uphill	Overburden
L22S	L22S 600E	C	Brown rusty clay till	Mod. uphill	Mafic Vol. outcrop
L22S	L22S 550E	C	Rusty brown sand and gravel till	Flat area	Overburden
L22S	L22S 500E	C	Red brown clay till	Flat area	Overburden
L22S	L22S 450E	C	Rusty brown clay till	Flat area	Overburden
L22S	L22S 400E	C	Rusty yellow orange clay till	Flat area	Overburden
L22S	L22S 350E	C	Rusty yellow orange clay till	Flat area	Overburden
L22S	L22S 300E	C	Rusty yellow sand and gravel till	Slight rise	Mafic volcanics with pegmatite veins
L22S	L22S 250E	C	Very rusty sand gravel till	Slight downhill	Mafic vol. outcrop
L22S	L22S 200E	C	Grey clay sand gravel till	Boulders swamp	Mafic Vol. outcrop
L22S	L22S 150E	C	Tan grey clay till	Swamp	Overburden
L22S	L22S 100E	H	Organic soils	Swamp	Overburden
L22S	L22S 050E	C	Orange clay gravel till	Swamp	Overburden
L22S	BLL L22S 000	H	Organic soils	Swamp	Overburden
L22S	L22S 050W	C	Rusty yellow sand gravel till	Slight rise	Overburden
L22S	L22S 100W	C	Wet grey clay till	Very slight uphill	Overburden
L22S	L22S 150W	C	Rusty red yellow till	Flat area	Overburden
L22S	L22S 200W	C	Brown clay sand and gravel till	Slight downhill	Qtz porphyry outcrop
L22S	L22S 250W	C	Rusty brown yellow till	Flat area	Overburden
	26 Samples Collected: 24 C 92.31% 2 H 7.69% 26 100.00%				

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L24S	L24S 1050E	C	Grey clay sand gravel till	Flat	Overburden
L24S	L24S 1000E	C	Rusty brown yellow sand till	Flat	Overburden
L24S	L24S 950E	C	Grey brown soil	Flat	Int/Mafic Vol. outcrop
L24S	L24S 900E	C	Light brown clay sand till	Sharp downhill	Int. vol. outcrop
L24S	L24S 850E	C	Grey soil material	?	Felsic Vol. outcrop
L24S	L24S 800E	C	Yellow sand till	Steep downhill	Mafic Vol. outcrop
L24S	L24S 750E	C	Rusty red soil	Top of hill	Mafic Vol. outcrop
L24S	L24S 700E	C	Rusty brown sand gravel till	Flat	Overburden
L24S	L24S 650E	C	Rusty brown clay sand till	Downhill	Overburden
L24S	L24S 600E	C	Rusty gravel till	Slight uphill	Mafic Vol. outcrop
L24S	L24S 550E	C	Rusty brown red sand and gravel till	Flat area	Overburden
L24S	L24S 500E	C	Rusty yellow till	Downhill	Overburden
L24S	L24S 450E	C	Rusty brown clay till	Flat	Mafic/Int. Vol. outcrop
L24S	L24S 400E	C	Cream clay sand	Gully	Overburden
L24S	L24S 350E	C	Yellow grey sand till	Flat	Mafic Vol. outcrop
L24S	L24S 300E	C	Rusty yellow till	Top of hill	Mafic Vol. outcrop
L24S	L24S 250E	C	Rusty orange sand till	Uphill	Overburden
L24S	L24S 200E	H	Organic soils	Swamp	Mafic Vol. outcrop
L24S	L24S 150E	H	Organic soils	Swamp	Mafic Vol. outcrop
L24S	L24S 100E	H	Organic soils	Swamp	Overburden
L24S	L24S 050E	H	Organic soils	Swamp	Vol. outcrop
L24S	BLL L24S 000	C	Rusty yellow brown sand till	Flat	Int/Felsic Vol. outcrop
L24S	L24S 050W	C	Rusty yellow red sand clay till	Flat	Mafic/Int. Vol. outcrop
L24S	L24S 100W	C	Yellow sandy till	Slight uphill	Overburden
L24S	L24S 150W	C	Rusty yellow clay gravel till	Uphill	Overburden
L24S	L24S 200W	C	Grey brown sand till	Slight uphill	Mafic vol. outcrop
L24S	L24S 250W	C	Rusty yellow sand gravel till	Flat	Overburden

SOIL SAMPLING DATA CHART					
Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
	27 Samples Collected: 23 C 85.19% 4 H 14.81% 27 100.00%				

SOIL SAMPLING DATA CHART

Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L26S	L26S 1200E	C	Grey green sand gravel	Lakeshore	Sudbury breccia
L26S	L26S 1150E	C	Rusty red brown sand gravel till	Mod. uphill	Mafic Vol. outcrop
L26S	L26S 1100E	C	Rusty brown red clay till	Top of hill	Mafic vol. outcrop
L26S	L26S 1050E	C	Rusty red orange clay till	Flat	
L26S	L26S 1000E	C	Grey gravel till	Swamp area	Overburden
L26S	L26S 950E	C	Rusty brown grey gravel till	Flat area	Overburden
L26S	L26S 900E	C	Brown clay sand till	Mod. uphill	Overburden
L26S	L26S 850E	C	Brown grey sand clay till	Steep uphill	Overburden
L26S	L26S 800E	C	Rusty brown sand till	Mod. uphill	Overburden
L26S	L26S 750E	C	Rusty red brown sand till	Mod. uphill	Mafic Vol. outcrop
L26S	L26S 700E	C	Rusty brown clay sand till	Mod. downhill	Overburden
L26S	L26S 650E	C	Brown clay sand gravel till	Flat area	Overburden
L26S	L26S 600E	C	Very rusty sand gravel till	Flat area	Overburden
L26S	L26S 550E	C	Very rusty sand gravel till	Uphill	Int./Mafic Vol. outcrop
L26S	L26S 500E	C	Grey soil	Uphill	Int./Mafic Vol. outcrop
L26S	L26S 450E	C	Rusty brown sand gravel till	Uphill	Mafic/Int. Vol. outcrop
L26S	L26S 400E	C	Yellow brown sand gravel till	Flat area	Overburden
L26S	L26S 350E	C	Rusty brown red sand clay till	Flat	Mafic Vol. outcrop
L26S	L26S 300E	C	Chocolate brown clay till	Flat area	Mafic Vol. outcrop
L26S	L26S 250E	C	Rusty brown yellow till	Flat area	Mafic Vol. outcrop
L26S	L26S 200E	H & C	Organic and gravel clay	Swamp area	Overburden
L26S	L26S 150E	H	Organic soils	Gully area	Mafic/Int. Vol. outcrop
L26S	L26S 100E	H	Organic soils	Swamp area	Mafic/Int. Vol. outcrop
L26S	L26S 050E	C	Yellow clay sand and gravel till	Swamp area	Overburden
L26S	BL L26S 000	C	Rusty red brown sand and gravel till	Uphill	Mafic/Gabbro outcrop
L26S	L26S 050W	C	Yellow rusty sand till	Downhill	Overburden
L26S	L26S 100W	C	Rusty yellow till	Flat area	Felis Vol. outcrop

SOIL SAMPLING DATA CHART					
Line No.	Station and Sample No.	Soil Type	Soil Sample Description	Observed Topography	Observed Geology
L26S	L26S 150W	C	Rusty brown yellow till	Downhill	Overburden
L26S	L26S 200W	C	Brown sand gravel till	Downhill	Mafic vol. outcrop
	29 Samples Collected: 26 C 89.66% 2 H 6.90% 1 H & C 3.45% 29 100.01%				

	Soil Sample Horizons								
Grid Line	V	A	B	B & C	C	C & H	H	H & C	Total Number of Samples
L2N				1	10		2	1	14
L0					26		3		29
L2S					19	1	7	2	29
L4S	2				29		2		33
L6S					31		5	1	37
L8S			1		36		3		40
L10S					39			3	42
L12S					40		4		44
L14S					41	1	5		47
L16S					18		1	1	20
L18S					20			1	21
L20S					20		2		22
L22S					24		2		26
L24S					23		4		27
L26S					26		2	1	29
Total Samples	2		1	1	402	2	42	10	460
Percentages	0.43	0	0.22	0.22	87.39	10.43	9.13	2.17	100%

Soil Geochemistry Comparison

C horizon	87.39%)	Richardson Lake Property
Others	12.61%)	Rhodes Township
C horizon	87.84%)	Benson Lake Property
Others	12.16%)	Cartier Township

Please refer to Appendix I for complete details on the analytical results from the collected soil samples.

11. DISCUSSION ON THE GEOCHEMICAL SURVEY, LAB PROCEDURES AND FINAL RESULTS

Throughout the days of May 11 to May 13, 1991 a "C" Θ horizon soil geochemistry sampling program was undertaken, at which time a total of 461 samples had been collected. The samples taken were recorded and special notations with respect to the sample media was collected before the samples were shipped off to the assay lab.

Through past experience and an excellent reputation for handling trace soil geochemistry, Chemex Labs Ltd. of Toronto and Vancouver were chosen to carry out the assaying procedures.

The original procedures that were to be carried out on the soil samples were to have been the Chemex ICP-9 plus gold. This procedure would have been run for Co, Cu, Fe, Pb, Mn, Mo, Ni, Ag and Zn plus Au. Through a re-evaluation of the methods, procedures and cost effectiveness it has been determined that a larger procedure could be undertaken at a minimal increase in cost. The increase in cost was offset by a reduction in the estimated number of samples that were collected

It was determined that the following procedure could be undertaken without running over the O.P.A.P. grant budget.

The Chemex procedure is summarized as follows:

ICP-32

32 element soil and stream sediment analysis package. A nitric-aqua-regia digestion is used which will not be effective for acid resistive minerals. Combined with proper sampling and interpretation procedures this technique can be successfully used for large scale reconnaissance projects. If used as a general exploration tool, the incomplete digestion of some of the elements (especially those marked with an asterisk) should be considered.

Element	Detection Limit	Upper Limit	Element	Detection Limit	Upper Limit
*Aluminum	0.01%	15%	Manganese	5 ppm	1%
Antimony	5 ppm	1%	Mercury	1 ppm	1%
Arsenic	5 ppm	1%	Molybdenum	1 ppm	1%
*Barium	10 ppm	1%	Nickel	1 ppm	1%
*Beryllium	0.5 ppm	0.01%	Phosphorus	10 ppm	1%
Bismuth	2 ppm	1%	*Potassium	0.01%	10%
Cadmium	0.5 ppm	0.01%	*Scandium	1 ppm	1%
*Calcium	0.01%	15%	Silver	0.2 ppm	0.02%
*Chromium	1 ppm	1%	*Sodium	0.01%	5%
Cobalt	1 ppm	1%	*Strontium	1 ppm	1%
Copper	1 ppm	1%	*Thallium	10 ppm	1%
*Gallium	10 ppm	1%	*Titanium	0.01%	5%
Iron	0.01%	15%	*Tungsten	10 ppm	1%
*Lanthanum	10 ppm	1%	Uranium	10 ppm	1%
Lead	2 ppm	1%	Vanadium	1 ppm	1%
*Magnesium	0.01%	15%	Zinc	1 ppm	1%

Including the above specified elements, Fire Assay gold with Atomic Absorption determinations were carried out as part of the geochemistry package.

The running of the Chemex SP-4 procedure resulted in the generation of a large volume of data, some of which is, or might be considered quite valuable.

Initially the determination of metallic and nonmetallic base and precious metals was considered to be of most importance, while those elements which constitute the makeup of certain rock types etc. are more difficult to interpret and may not be fully assessable at this time.

Many of the elements analyzed such as Au, Ag, Al, As, Bi, Ca, Co, Cu, Fe, A\Hg, K, La, Mn, Mo, Na, Ni, Pb, V and Zn returned results that could be considered meaningful and a total of 19 element data contour maps were generated.

A number of elements including Ba, Be, Cd, Cr, Ga, Mg, P, Sb, Sc, Sr, Ti, Tl, U and W generally returned metal values at or below detection limits or were thought to be exceeding low and so would

be most difficult to assess.

Future, more detailed evaluations of these above elements may be warranted sometime in the future when manpower and resources are more readily available.

Certain elements which were considered reasonably valuable from an intermediate exploration point of view such as Au, Ag, Bi, Hg, Na and Mo had few returned values above the detection limit but were each plotted on separate maps. For these maps, stations which do not show a metal value with the corresponding stations indicates that the metal values were reported at or below the analytical method detection limits and have purposely been omitted to reduce clutter and potential confusion.

Each of the 19 soil metal maps were carefully hand contoured and then replotted using the Bharti Engineering Associates Inc. (BEA) AutoCAD systems. Metal contouring levels were carefully assessed based on the order of magnitude and density of the resultant metal values. Certain contour modifications such as "jumping" or skipping of intervals was necessary due to some of the very high value gradients and from lack of physical space to plot comprehendible lines.

Metal background levels are difficult to determine, since there is a chronic lack of actual field cases in the area. Some metal background values may be envisioned for certain elements, but at this time it may be most reliable to evaluate the contoured response characteristics and attempt to correlate with the known trends of favourable geology etc. Reasonable attempts have been made to utilize the geochemistry results in conjunction with the geological and geophysical data generated over the winter and summer of 1991. An appreciation of all these factors has lead to the identification of target areas which may ultimately lead to the discovery of valuable mineral deposits.

Throughout the various geophysical, geological and geochemical endeavours undertaken, it has been determined that there may exist on the BLMI property at least two and possibly three distinct target areas which should be investigated using more detailed exploration methods.

To qualify as a prospective or "target area", there must have been at least two responses or detections using geology-geophysics or geochemistry. A mineralization area with a corresponding magnetic-electromagnetic and/or geochemical signature would obviously be regarded as a target area and would be most favourable. Considerations such as metal dispersion trains, leachage anomalies must also be taken into consideration. Glacial movements in the area are thought to be more or less north-south. Because a lot of the geological formations in the area strike north-south +/-, geochemical dispersions would be shifted mainly towards the south but may be confined on the east and west within gully areas controlled by buried topography.

The areas on the BLMI property which are considered to be the most favourable for future investigations are located on mining claims S-1095077, S-1095079 and S-1095080 and are presented below.

No. 1 Target Area

The highly carbonated and silicified felsic flows-tuff and metasediments which trend northwest to west across S-1095077 and S-1095079 beginning at the lake shore and possibly extending across onto the Falconbridge ground. These rocks were found to occur a short distance below the upper mafic metavolcanic contact which extends westwards from the shoreline along an estimated strike length of 1100 to 1200 feet +/-. These quite unusually altered rocks host considerable pyrite with pyrrhotite-magnetite-sphalerite-galena-chalcopyrite and chalcocite. Magnetic, electromagnetic and geochemical responses were found to correspond with the geography identified mineral bearing stratigraphy.

No. 2 Target Area

The mafic metavolcanic rocks with possible intercalated felsic to intermediate sequences is a second target area which has been identified by correlating the Falconbridge Ltd. R8 airborne EM and mag survey responses with the BLMI ground geophysics geochemistry and reconnaissance geology. The focus area trends northwards across S-1095080 and may somehow be connected with the various responses previously described for the No. 1 target area. Since there is a moderate amount of overburden in this area, it is difficult to determine the exact geological assembledges. The Falconbridge R8 airborne response which trends for 2600 feet across the BLMI property has been interpreted as being caused by possible sulphide mineralization at a geological contact. This would correlate quite well with the known mineralization at the mafic/Int-Fel contact areas immediately along strike to the north. In essence the two described target areas could have a combined strike length of at least 4000 ft.

No. 3 Target Area

A suspected structural feature running parallel to the Fecunis Lake Fault to the west and the Friday Lake Fault to the east is thought to trend across the southwestern portion of mining claim S-1095079. This potential fault has a corresponding ground VLF-electromagnetic and possible related soil geochemical responses. Certain portions of the geochemical responses may be in part a manifestation of the down ice movement or element dispersion from the No. 1 target area. Much of the area in which the geochemical responses were located is covered by a thick layer of glacial debris, which

makes it difficult to fully assess the geology and mineral potential. A 1 inch = 200 feet scaled map of the target area has been provided.

In general the geochemical metal values would appear to be widely dispersed throughout the area. Without having a thorough knowledge of the property geology, attempts to visualize and evaluate geochemical trends would prove difficult. By having an intimate knowledge of the geology and the associated mineralization, it is possible to delineate metal trends. By studying the geology and geochemistry it has been possible to identify the trend. These metal trends, though sometimes discrete, do follow the known or expectant trends and also conform to strong magnetic and moderate electromagnetic ground responses throughout portions of the survey area.

The overall concentration of those metals plotted shows a discrete but distinct concentration found slightly inland from the western shore of Richardson Lake, then bending inland towards the west and northwest. Some distortion of this trend has been made evident due to grid line orientation with respect to the actual geology trend and glacial ice and groundwater movements.. The mathematical contouring methods utilized and importantly glacial trends could have dispersed the metals somewhat southwards.

The most evident and least distorted trends were shown for Pb, Na, As, Ag, Mo, Co, Cu, Zn, V and Mn.

Much less evident trends were noted for Bi, Ni, Au, La and Hg. The metals with the least evident of trends has been shown for Ca, K, Fe and Al. In general the metal values for these primary rock forming elements are quite widespread and show variances with highs and lows. The washing out effect makes interpretation difficult. In part the widespread occurrences of Ca, K, Fe and Al may be representative in part of the glacial debris which is thought to be made up of granitic materials. It may, however, be possible to detect the presence of buried sulphides, pegmatite veins or carbonated rocks by carefully studying these responses.

The primary base metal elements of copper, lead and zinc show distinctive corresponding soil metal values and were found to correlate with the three identified target areas. The metal values, although not overly high, do show similar characteristics and trends can be delineated.

The highest copper value in the survey area of 130 ppm was detected a couple of hundred feet west of the Falconbridge Ltd. R8 airborne anomaly. Elevated copper values ranging from 50 to 100 ppm +/- can be traced towards the No. 1 target area. The trends can be followed from 2600S to 800S before trends turn west through claim S-1095079.

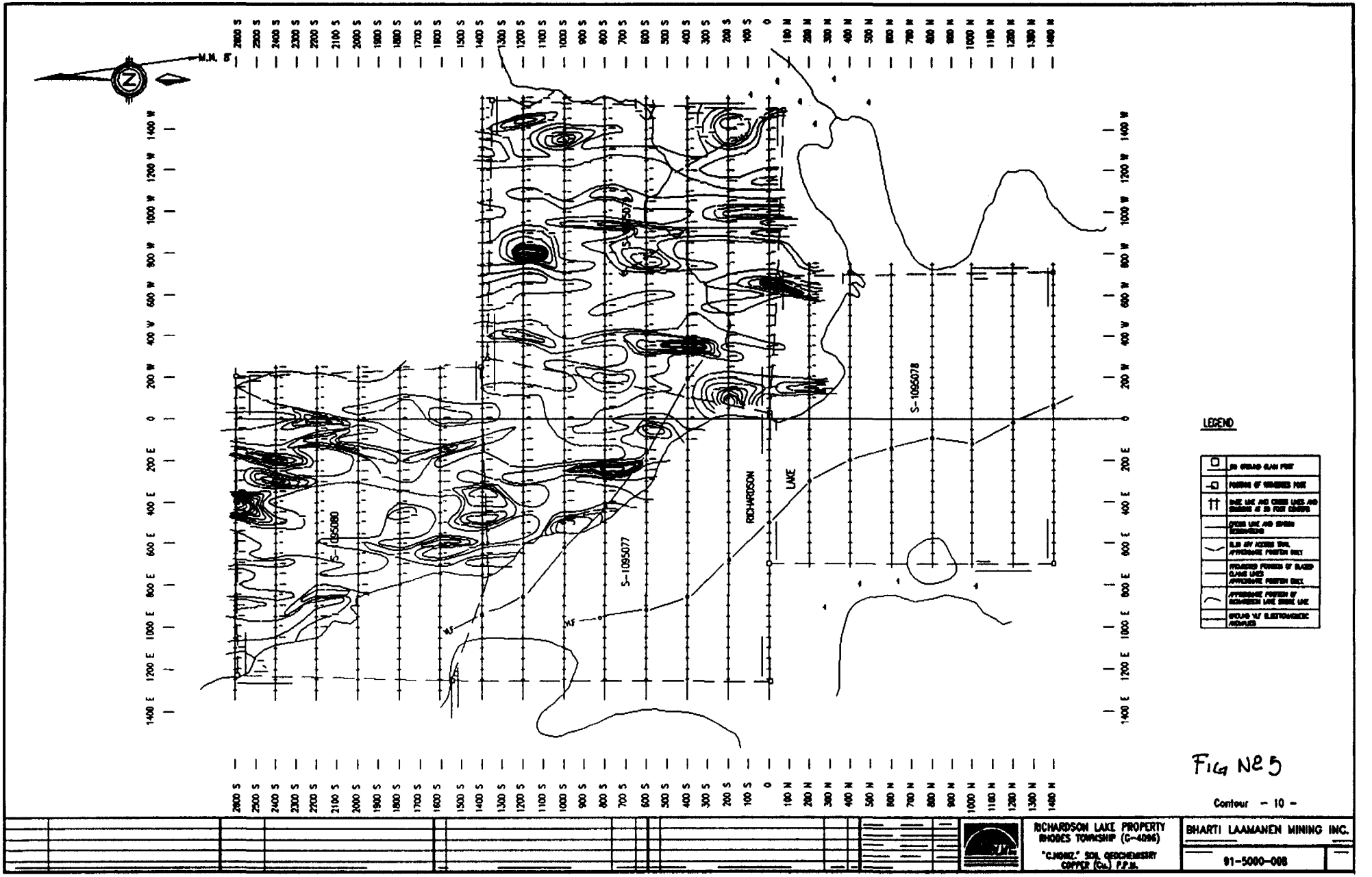

M.N. 5°
S-1095080
S-1095077
S-1095078
RICHARDSON
LAKE
LEGEND
Contour - 10 -
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (C-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
COPPER (Cu) P.P.M.
BHARTI LAAMANEN MINING INC.
91-5000-008

Fig No 5

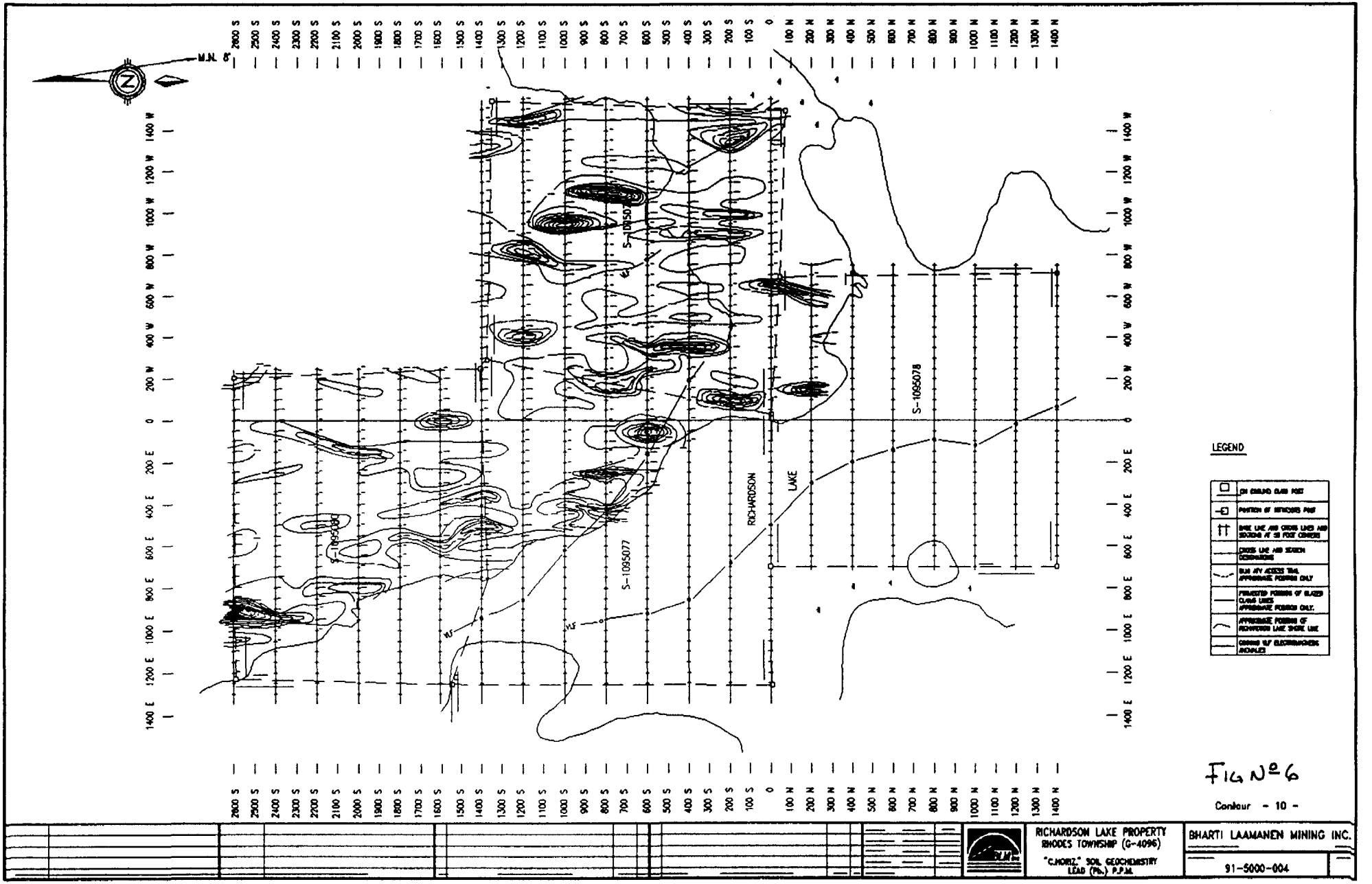


Fig N° 6

Contour - 10 -

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
LEAD (Pb.) P.P.M.

BHARTI LAAMANEN MINING INC.

91-5000-004

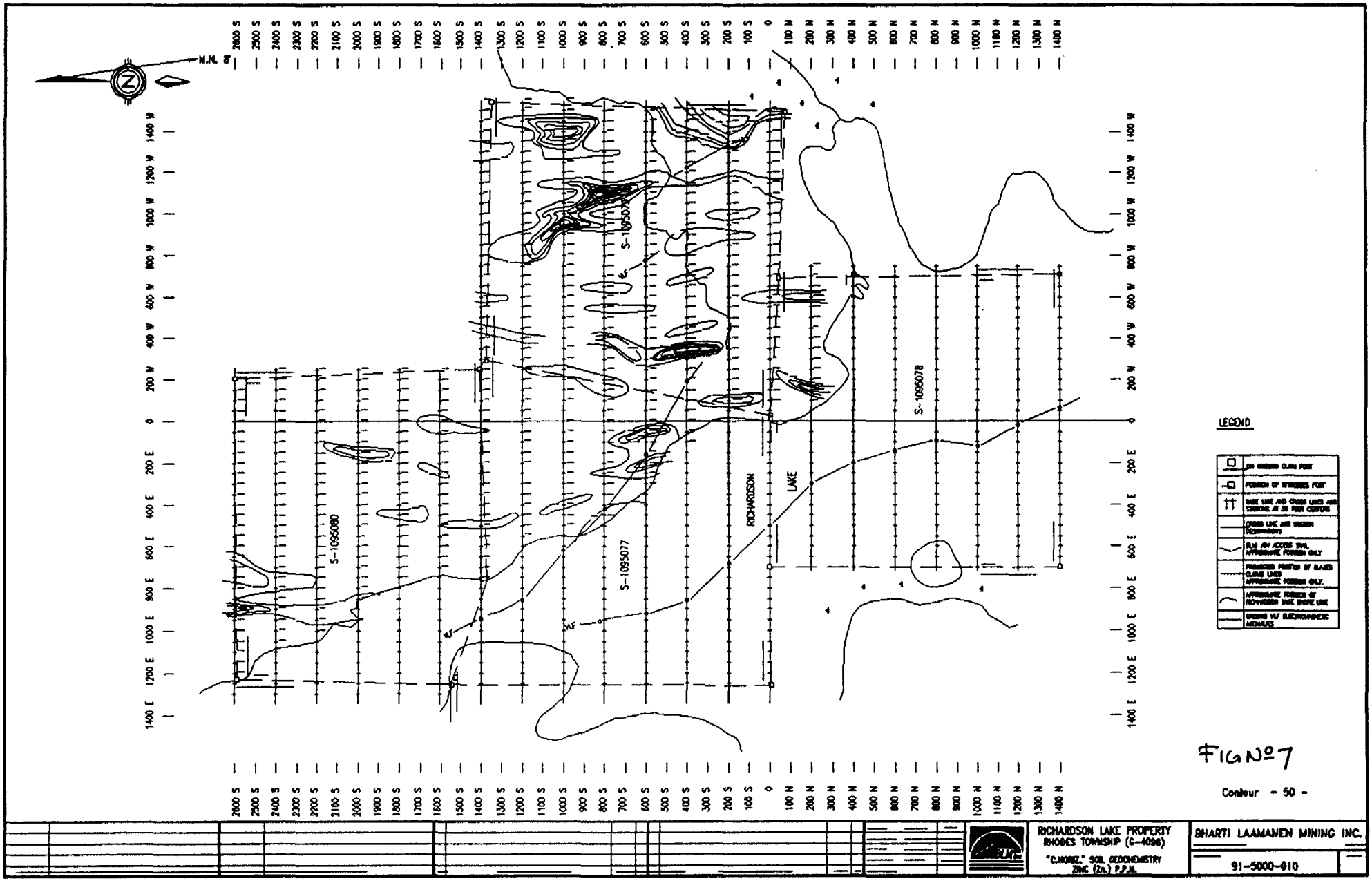

M.N.
S-1095080
S-1095077
S-1095078
RICHARDSON
LAKE
LEGEND
Contour - 50 -
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C" HORIZ." SOIL GEOCHEMISTRY
ZINC (Zn.) P.P.M.
BHARTI LAAMANEN MINING INC.
91-5000-010

FIG N°7

It would appear that ice movement was likely responsible for the dispersal of the element throughout S-1095079 while more confined copper values are found near the R8 airborne anomaly area on S-1095080.

The element lead, which is thought to be the least mobile of the base metals, shows good correlation with the copper and zinc values detected on the three northern claims. Strong lead values of 288 ppm within a general plateau area with values of less than 10 ppm have been detected directly over the R8 airborne anomaly on the southern limits of claim S-1095080. The metal response is traceable slightly inland from the shore of Richardson Lake and then trends westwards. The No. 1 and No. 2 target areas were more effectively defined with the lead values than with the more mobile copper. Strong lead values in the 100 ppm to 224 ppm range were detected in the No. 3 target area and correspond to the trend of a short ground VLF-EM anomaly.

Zinc, which is the most mobile of base metal elements, was found to correlate quite well with the lead responses. The zinc values throughout the target areas range from 154 ppm over the R8 airborne anomaly to 188 ppm to 338 ppm along the No. 2 target area trend and 330 ppm to 378 ppm along the trace of the No. 3 target area.

It is quite possible that the copper-lead and zinc geochemical responses detected over the No. 1 and No. 2 target areas are a result of potential mineralization associated with the specific stratigraphic horizon identified striking across the property.

The No. 3 target area shows distinctive metal concentrations along a more or less specific trend. It is possible the responses represent a mineralized fault zone, or may represent a strong leakage anomaly associated with the No. 2 target area. Because of the known shallow dip of the metavolcanic rocks in the area (40°-60° +/-), a number of the metal responses may represent leakage anomalies from buried mineralization in the down dip direction along a specific stratigraphic horizon.

Nickel, cobalt and silver values were found to correlate more or less with the copper-lead and zinc responses, particularly for the No. 1 and No. 3 target areas. The Ni, Co and Ag values are evident in the No. 2 target area but appear to be very low or suppressed in comparison to the northern portions of the grid.

Nickel values in the No. 1 and No. 3 target areas range from 50 to 60 ppm, while cobalt values range from 20 ppm to 35 ppm. Well defined silver values ranging from 0.2 ppm to 0.8 ppm appear to have developed a specific trend in the No. 1 and No. 3 target areas.

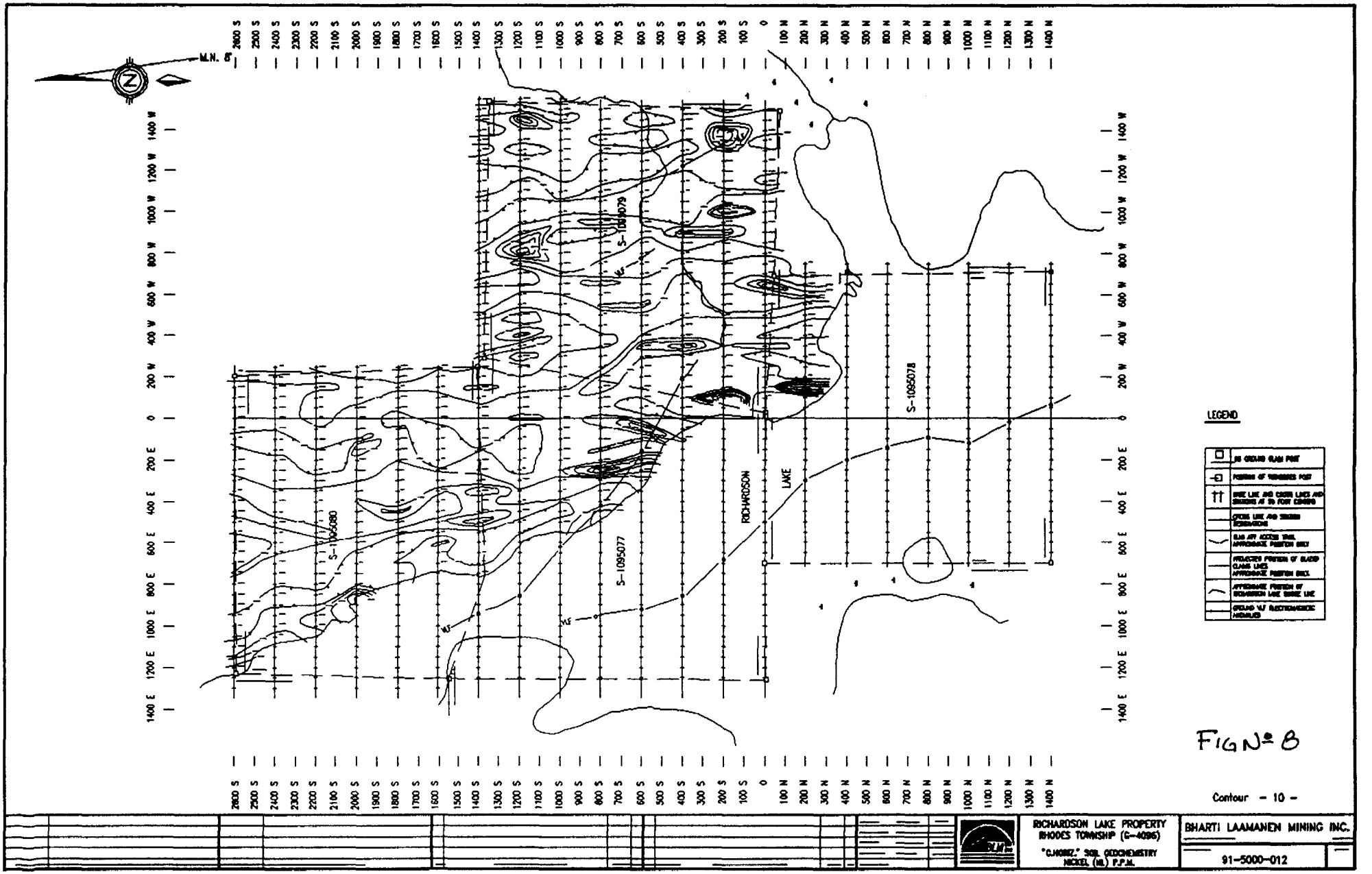

M.N. 6°
S-1095079
S-1095078
S-1095077
S-1095080
RICHARDSON
LAKE
LEGEND
Contour - 10 -
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C" HORIZ." SOIL GEOCHEMISTRY
NICKEL (Ni) P.P.M.
BHARTI LAAMANEN MINING INC.
91-5000-012

FIG N° 8

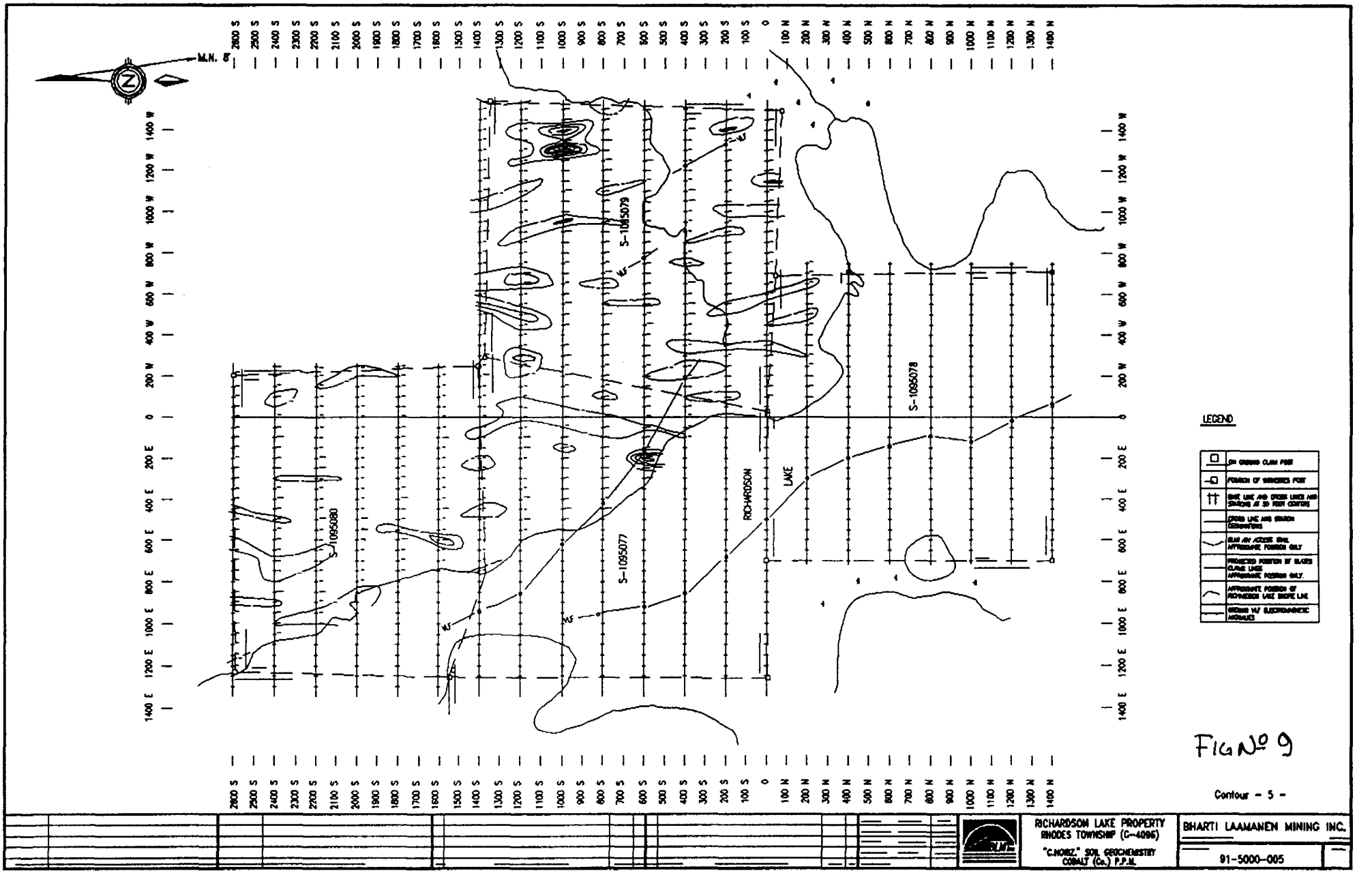

M.N. 5°
S-1095079
S-1095078
S-1095080
S-1095077
RICHARDSON
LAKE
LEGEND
Contour - 5 -
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (C-4096)
"C" HORIZ." SOIL GEOCHEMISTRY
COBALT (Co.) P.P.M.
BHARTI LAAMANEN MINING INC.
91-5000-005

Fig No 9

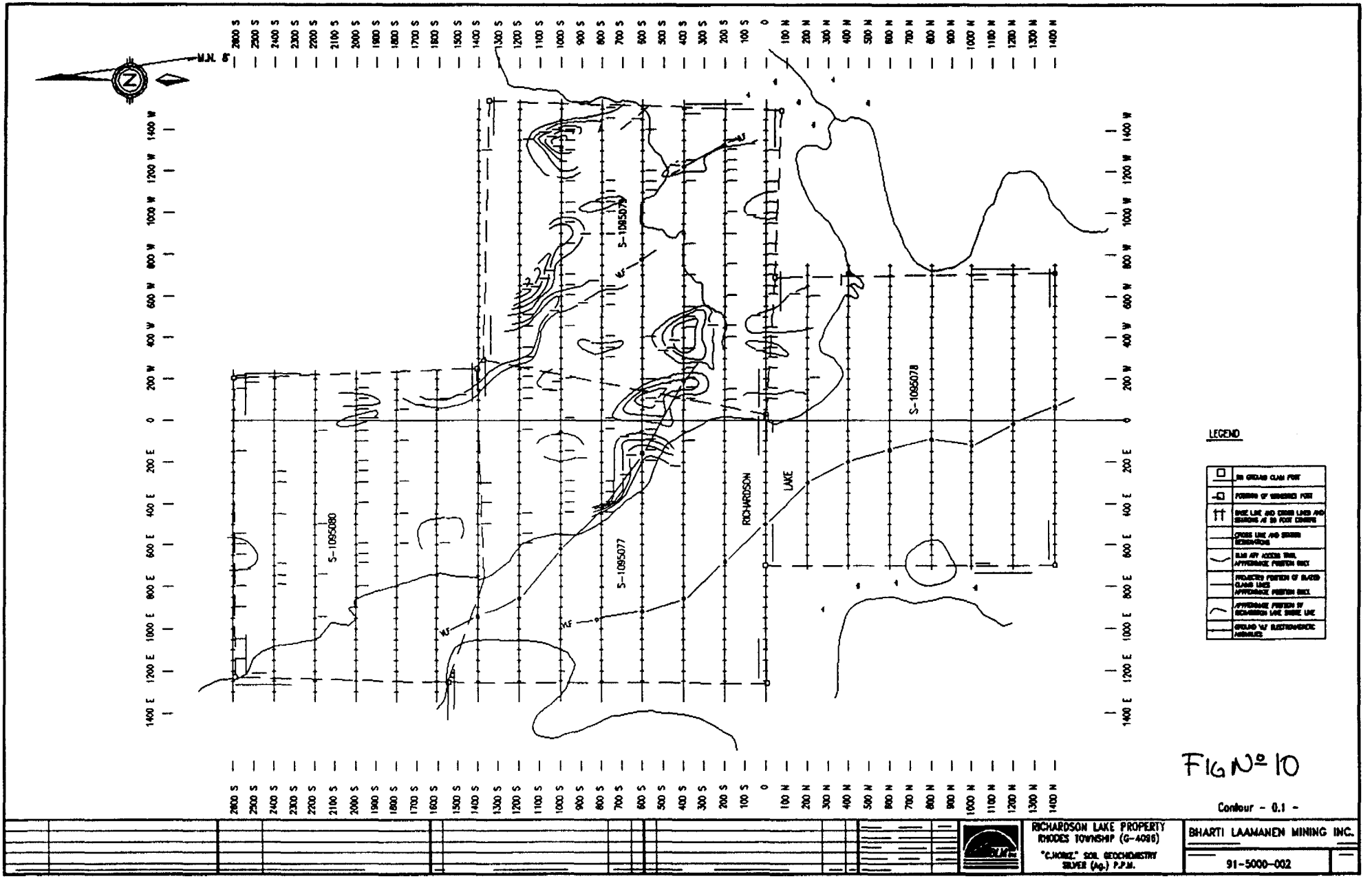

M.N. 6°
S-1095079
S-1095078
S-1095080
S-1095077
RICHARDSON
LAKE
LEGEND
Contour - 0.1 -
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C" HORIZ." SOIL GEOCHEMISTRY
SILVER (Ag.) P.P.M.
BHARTI LAAMANEN MINING INC.
91-5000-002

Fig No 10

Nickel, cobalt and silver values detected in the R8 airborne anomaly area were found to peak at 18 ppm to 22 ppm, 5 ppm to 8 ppm and 0.4 ppm respectively. Although the R8 anomaly corresponding Ni, co and Ag values were found to be quite weak, the trend is distinguishable.

The commonly associated precious metal path finder elements of gold, bismuth, mercury, molybdenum and arsenic were detected across the grid area and appear to correspond to other data within the three identified target areas.

Gold values up to 60 ppb were detected near the central portion of the No. 1 target area while the No. 3 target area shows values ranging from 5 ppb to 45 ppb Au. Gold detected over the No. 2 target area and the R8 airborne anomaly was found to range from 5 ppb to 30 ppb.

Bismuth values over the grid area were found to range from 2 ppm to 5 ppm. The highest concentration of the metal was detected in the central portion of the grid along strike of the R8 airborne anomaly in the No. 2 target area and along the western portions of the No. 1 target area in the Holmstrom showing area.

Mercury values within the survey area did not exceed 1 ppm. The mercury values that were detected were shown to correlate with the location of the target areas. The strongest concentration of metal values is located in the central portion of the grid, which corresponds to the No. 1 and No. 2 target areas. Mercury values were also detected in the No. 3 target area.

Arsenic values within the survey area were found to range from 10 ppm to 20 ppm and show a weak correlating trend as has been observed in the other elements. The arsenic values appear to be more widely scattered but it is quite possible to delineate the trends. Massive sulphides exposed in the trenches at the Holmstrom showing are known to carry several hundred ppm As.

Soil samplings near the lakeshore and trench areas gave responses in 10 ppm to 20 ppm ranges. The sulphide mineralization exposed in a large trench occurs in a carbonated metasediment or metavolcanic. These carbonate rich rocks trend towards the southeast into Richardson Lake. Elevated As values detected on lines 600S and 800S would appear to indicate a continuation of the sulphide horizons along strike of the formations. Arsenic values detected towards the west along Target Area No. 1, No. 3 and No. 2 may also indicate the presence of additional sulphide mineralization.

The results of the molybdenum analysis has clearly indicated a very distinctive trend in the No. 1 and No. 2 target areas. Metal values as high as 49 ppm were detected a short distance west of the Holmstrom showing. Most of the values falling within the trend areas were found to range from 2 ppm

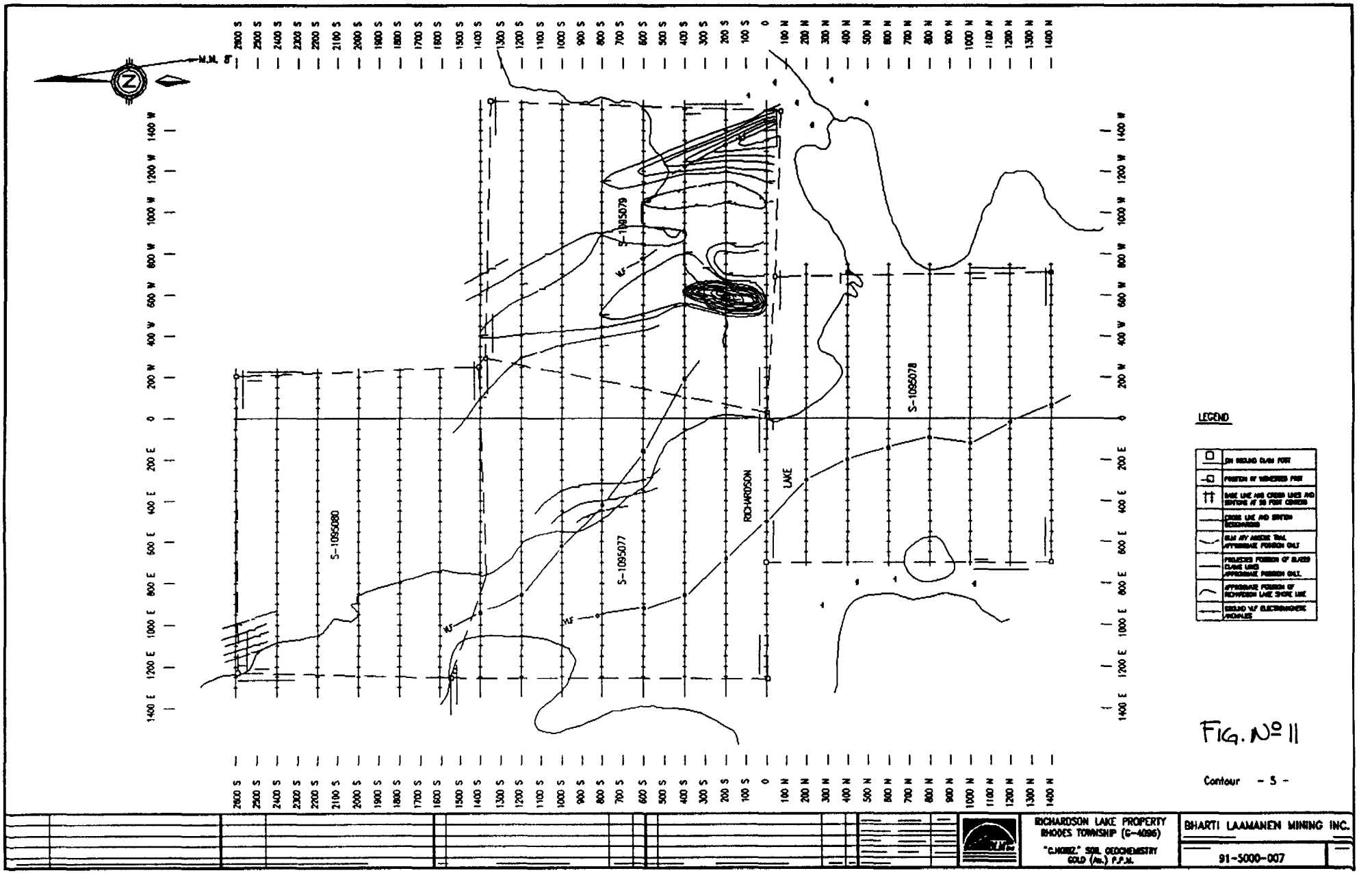

M.N. 8°
S-1095079
S-1095078
S-1095080
S-1095077
RICHARDSON
LAKE
LEGEND
Contour - 5 -
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
GOLD (Au.) P.P.M.
BHARTI LAAMANEN MINING INC.
91-5000-007

FIG. Nº 11

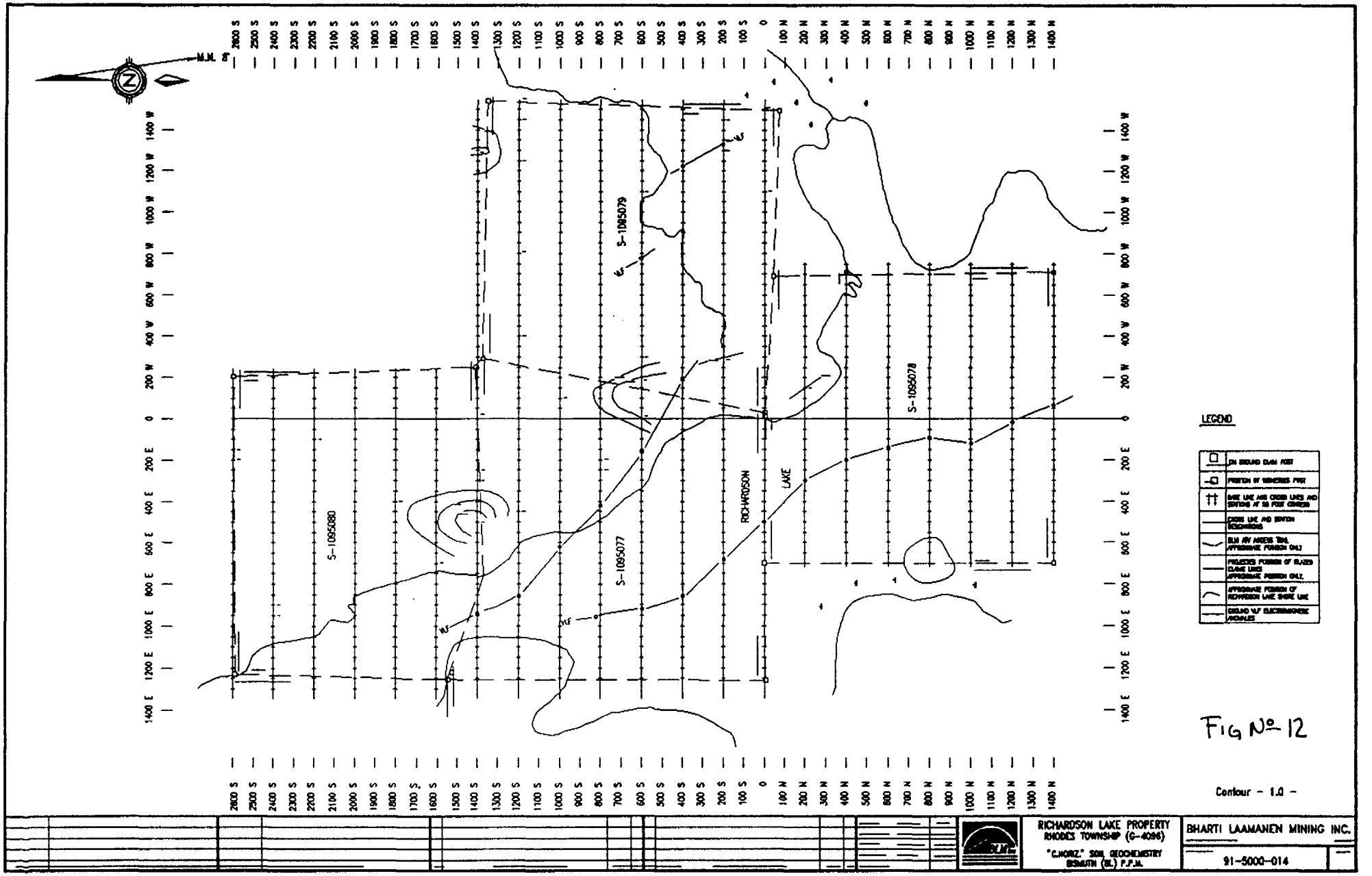

M.N.
S-1095079
S-1095078
S-1095080
S-1095077
RICHARDSON
LAKE
LEGEND
Contour - 1.0 -
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
BISMUTH (Bi.) P.P.M.
BHARTI LAAMANEN MINING INC.
91-5000-014

FIG Nº 12

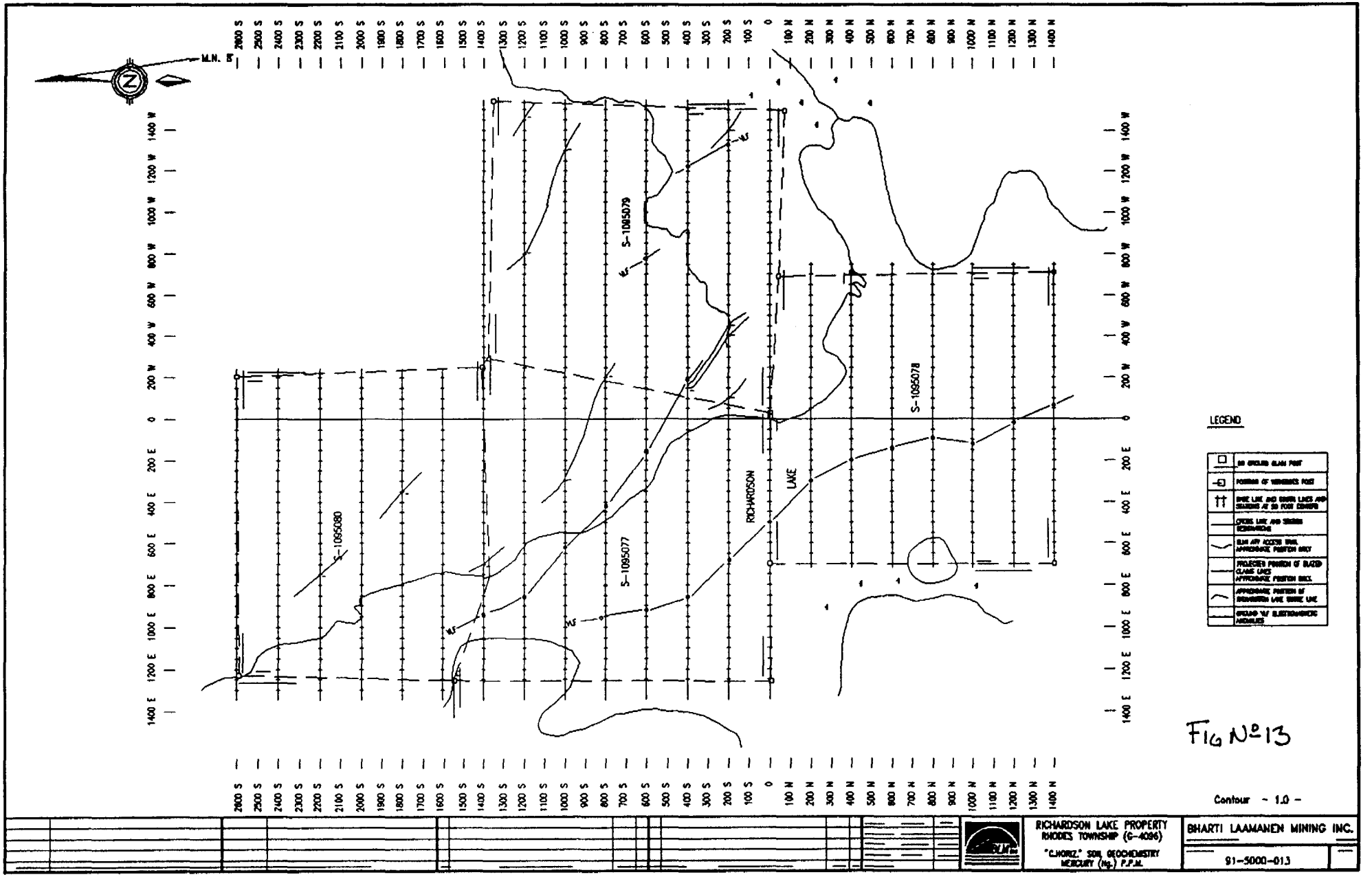
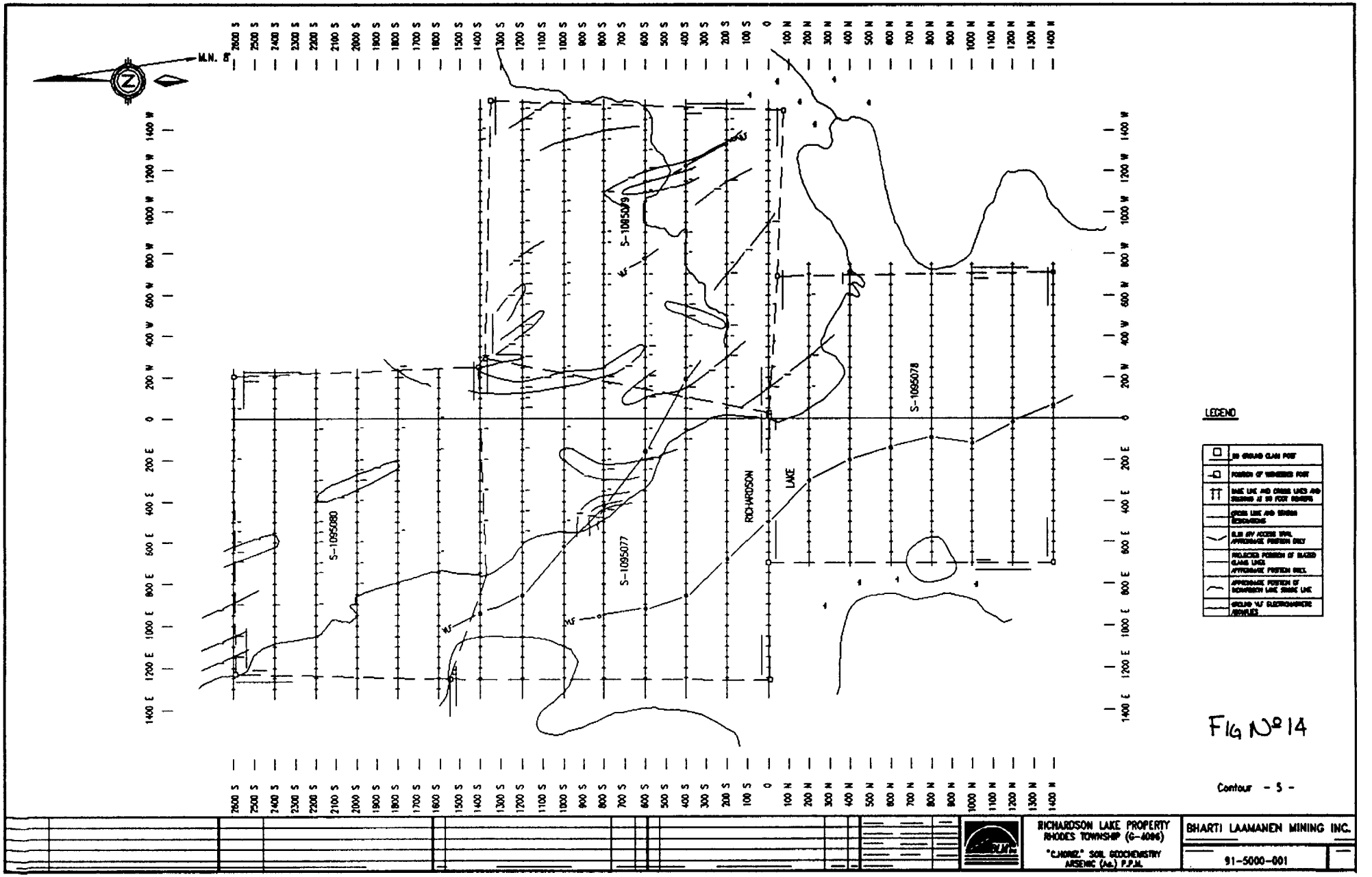

M.N.
S-1095079
S-1095078
S-1095080
S-1095077
RICHARDSON
LAKE
LEGEND
Contour - 10 -
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C" HORIZ." SOIL GEOCHEMISTRY
MERCURY (Hg.) P.P.M.
BHARTI LAAMANEN MINING INC.
91-5000-013

Fig No 13


M.N.
S-1085079
S-1095078
S-1095080
S-1095077
RICHARDSON
LAKE
LEGEND
Fig N° 14
Contour - 5 -
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
ARSENIC (As.) P.P.M.
BHARTI LAAMANEN MINING INC.
91-5000-001

to 6 ppm Mo. The largest concentration of metal values is located in the Pb/Zn showing areas west of the Holmstrom showing and along the R8 airborne anomaly. A weak Mo response was detected in the No. 3 target area. The higher responses along the main trends are often separated by lower values of 1 or 2 ppm Mo.

Elements which indicate potential rock alterations such as calcium, sodium and possibly manganese were found to have responded.

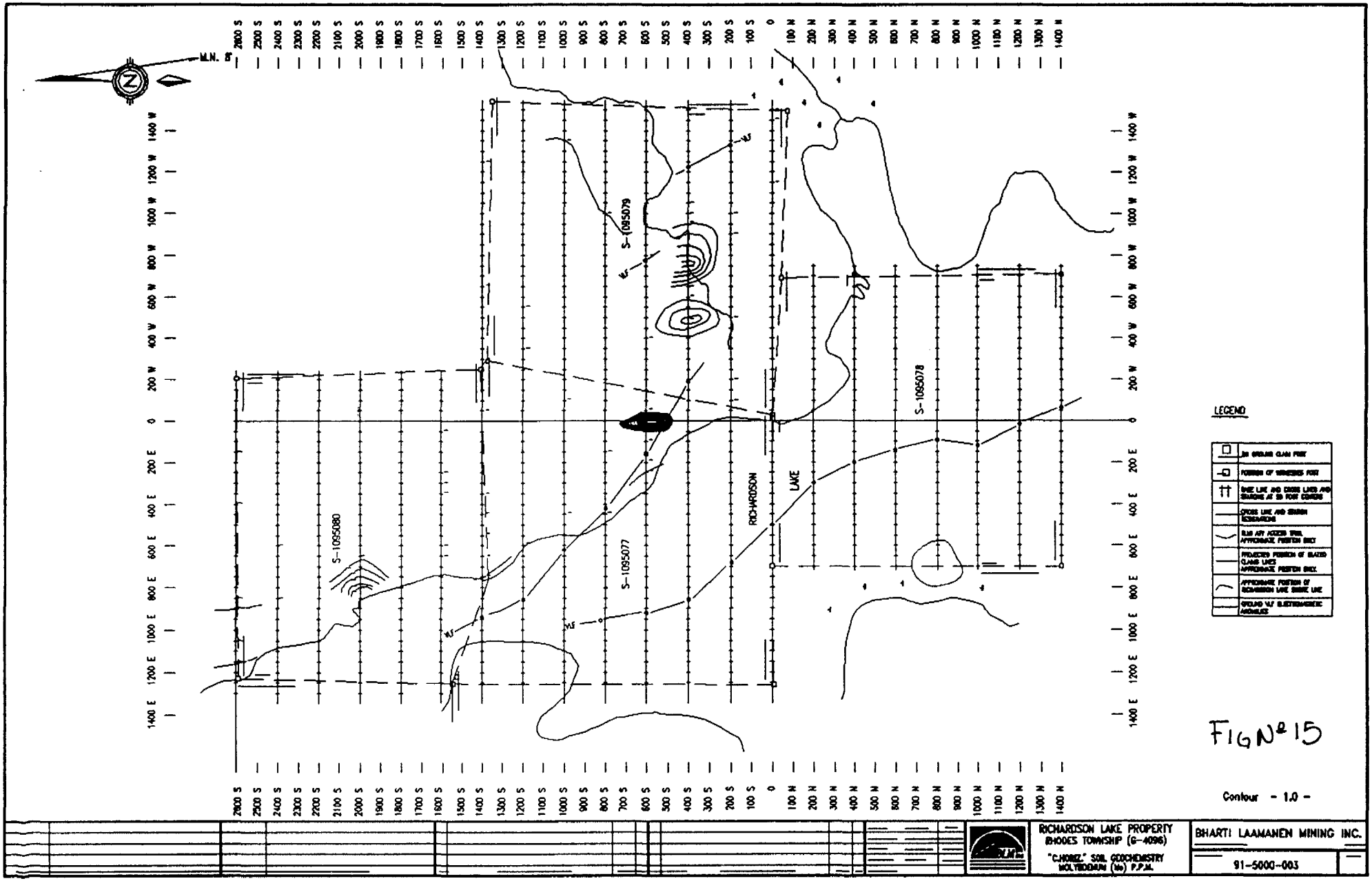
Sodium gave the least intense response of the three elements with peak values ranging from 0.2 ppm to 0.8 ppm. The highest sodium concentration was found in the R8 airborne anomaly area. The elevated values were detected 800 to 1000 feet northwards along the target area trend. A couple of slightly elevated Na levels were also locate din the No. 1 and No. 3 target areas.

Widespread calcium values were detected throughout the grid area. A large number of low or elemental deficiency areas were detected, separated by elevated peaks of calcium having values ranging form 0.1% to 0.94%. The majority of the metal value peaks are located along the general trend of the No. 1 and No. 2 target areas. Elevated calcium values were also noted in the No. 3 target area. It would appear that the calcium may have been principally derived from the breakdown of the carbonated intermediate to felsic metavolcanics as opposed to the overlying mafic metavolcanics.

It is also possible that some of the calcium may have been derived from the glacial debris.

Manganese, which shows somewhat similar patterns to that of calcium, appears to have more well defined trends than the calcium, particularly in the central and southern limits of the grid in the vicinity of R8 airborne anomaly. Mn peak values between the southern limits of the BLMI property and the Holmstrom showing, including the R8 airborne anomaly, were found to range from 100 ppm to 2940 ppm and appear to be slightly staggered. Westwards from the Holmstrom showing the Mn values appear to be more dispersed, ranging from 100 ppm to peak highs of 1520 ppm. It would appear that the metal values have been dispersed down ice particularly in the western part of the No. 1 target area. Down ice movements may also be evident in the No. 2 target area. Metal values indicated in the No. 3 target area appear as distinctive as most of the other survey elements detected in the area.

A moderately strong Mn peak and trend can be followed towards the north-northwest between Line 1000S and Line 400S with values ranging from 725 ppm to 1520 ppm and may possibly correlate with a known diabase dike which cross-cuts the local metavolcanics.



FIGN°15

Contour - 1.0 -

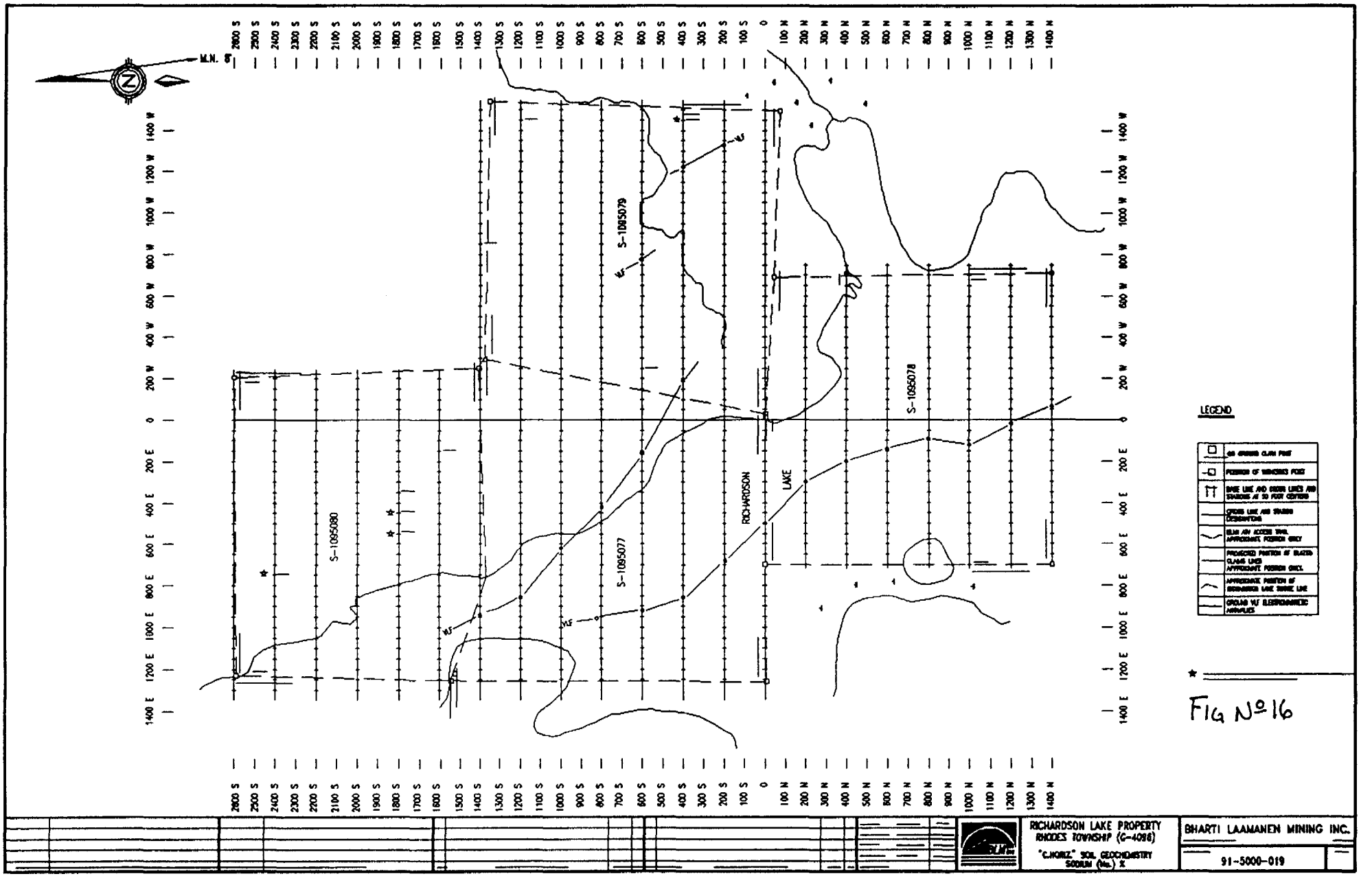

M.N.
S-1095079
S-1095078
S-1095080
S-1095077
RICHARDSON
LAKE
LEGEND
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C" HORIZ." SOIL GEOCHEMISTRY
SODIUM (Na) %
BHARTI LAAMANEN MINING INC.
91-5000-019

Fig No 16

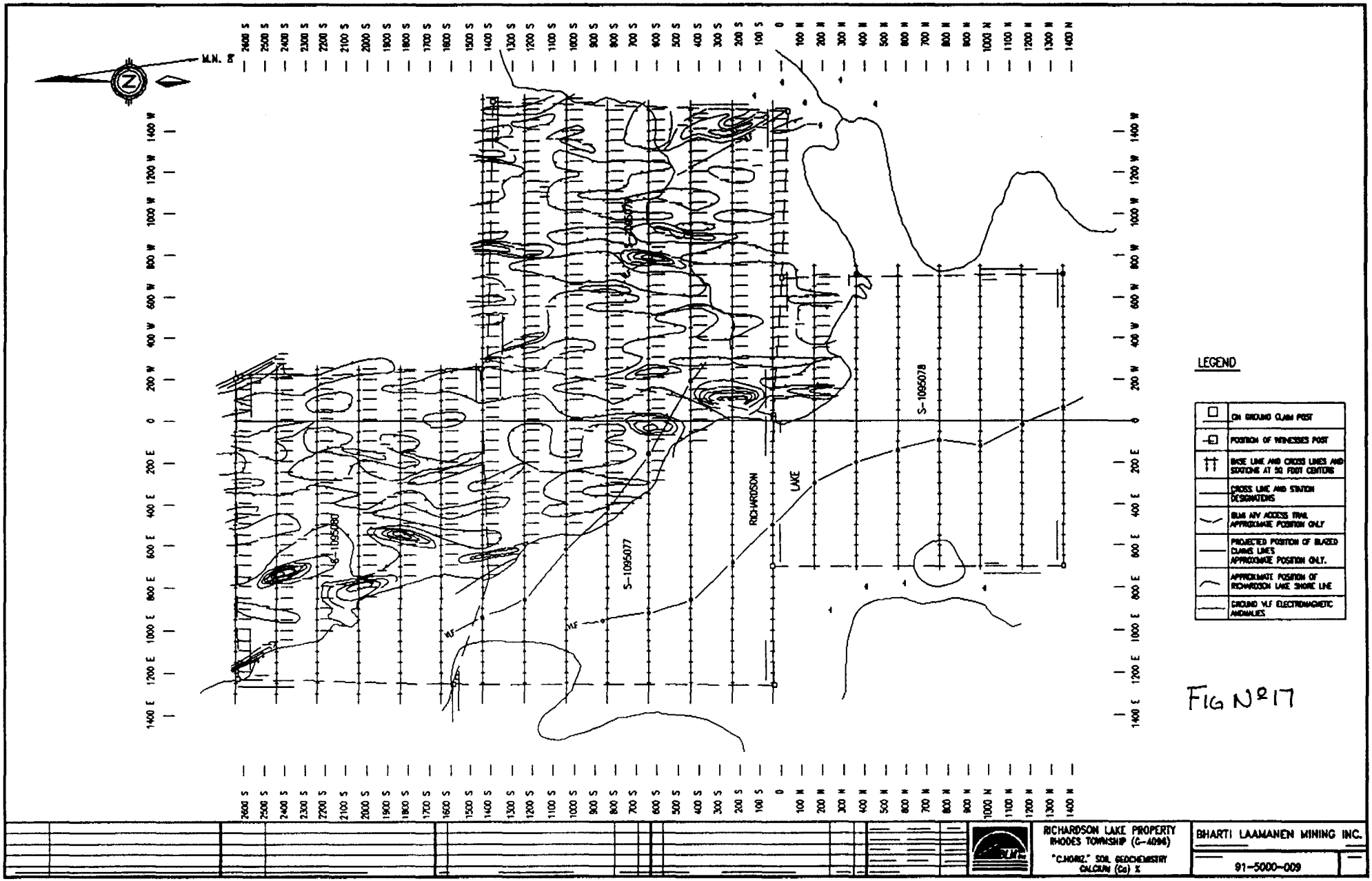


Fig N°17

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4094)
"C.HORIZ." SOIL GEOCHEMISTRY
CALCIUM (Ca) %

BHARTI LAAMANEN MINING INC.

91-5000-009

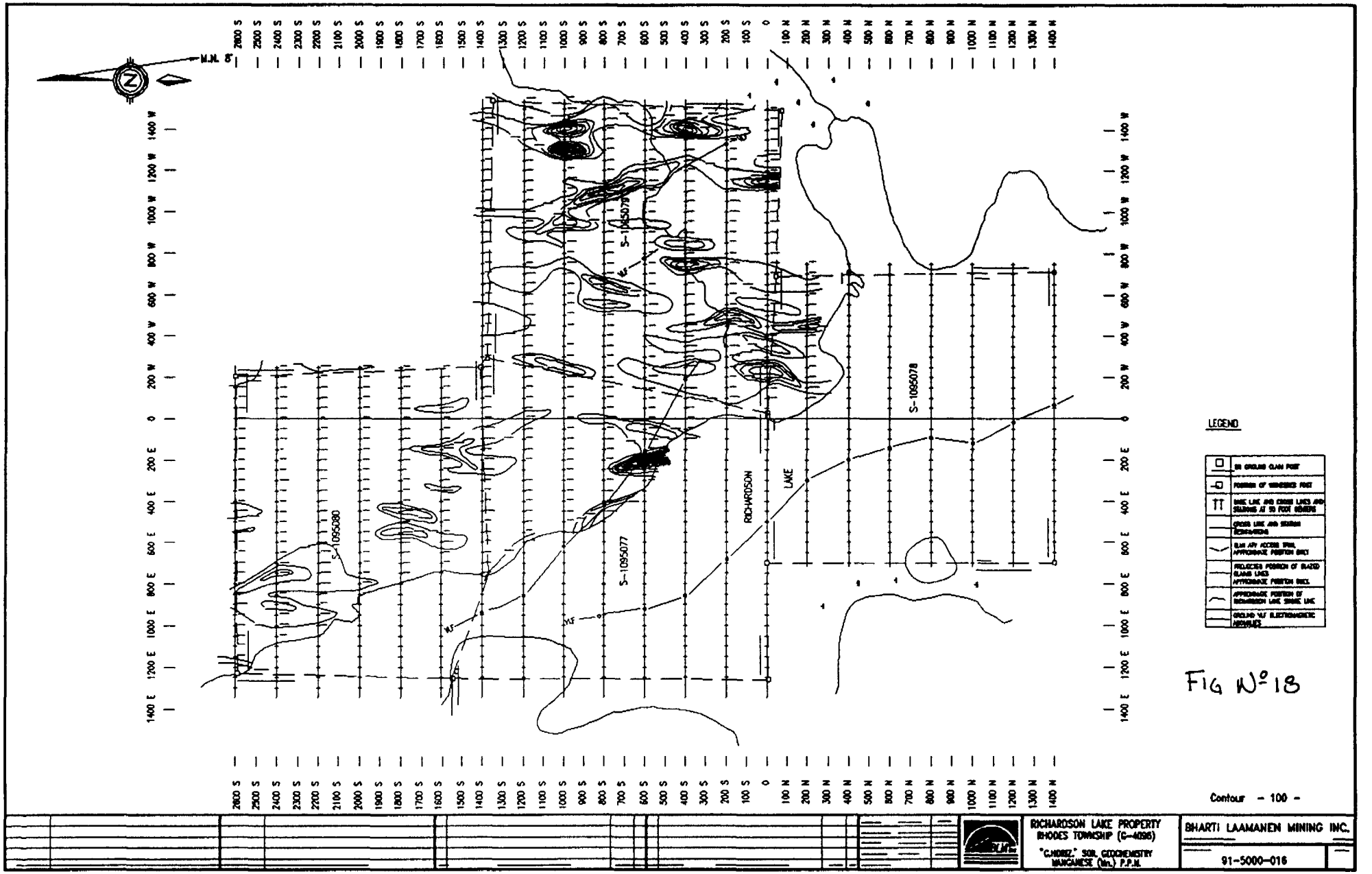

M.N. 8°
S-1095080
S-1095079
S-1095078
S-1095077
RICHARDSON
LAKE
LEGEND
Contour - 100 -
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (C-4096)
"CHROMIUM" SOIL GEOCHEMISTRY
MANGANESE (Mn.) P.P.M.
BHARTI LAAMANEN MINING INC.
91-5000-016

Fig N°18

For the most part the sodium-calcium and manganese dispersions are thought to be the result of weak to very strong alteration of intermediate-felsic metavolcanics and possibly the mafic metavolcanic. Detailed geological investigations have shown that the intermediate to felsic rocks located between the Holmstrom showing and the western boundary have been highly carbonated-silicified and epidotized over considerable strike lengths. Deep weathering alteration of these rocks have resulted in the breakdown of certain inherent minerals to form thick, quite distinctive calcium and manganese oxide deposits. Associated with these altered and weathered rocks are appreciable amounts of pyrite-pyrrhotite, sphalerite-galena and lesser copper minerals. It is strongly suspected that the associated alteration and mineralization trends southwards along the shoreline area of Richardson Lake.

The weaker Mn response over the R8 airborne anomaly may be indicative of the more or less buried stratigraphy in that particular area. The elevated sodium in the R8 anomaly area may indicate rocks which may have undergone sericitic alterations which may also indicate slight changes in rocktype compositions. The known existence of calcium and manganese altered rocks along the No. 1 and No. 2 target area trends have been shown to be somewhat detectable using soil geochemistry.

The elements iron, aluminum and potassium show a highly scattered range of values, some of which may be indicative of both bedrock geology and local surficial deposits.

Moderately high iron values in the range of 3% to 5% +/- were detected across a fairly wide trending band from the R8 airborne anomaly to the Holmstrom showing. The intensity of the metal values may indicate the breakdown of the mafic rocks in the area and as well may indicate the presence of sulphide mineralization associated with the mafic/Int-Fel contact area. West of the Holmstrom showing the soil, iron values decrease slightly to the 2.00 to 4.00% +/- range. Early reconnaissance mapping in the western portion of the property has shown that there is a series of intercalated mafic and felsic metavolcanic bands in the area which may explain the decrease in the iron values.

The highly carbonated and silicified sulphide bearing sequences west of the Holmstrom showing in the No. 1 target area may have contributed in part to some of the iron peaks.

The aluminum and potassium values as with the iron-calcium etc, are shown to have quite a wide spread with localized peaks and depressions. It may be possible to visualize a general trend for these peaks. The aluminum values throughout the area appear to be somewhat depressed, indicating numerous low areas. Metal value peaks of 2% to 3% are indicated in the areas around the R8 airborne anomaly - the Holmstrom showing and along the strike of the Int-Fel metavolcanics west of the Holmstrom showing.

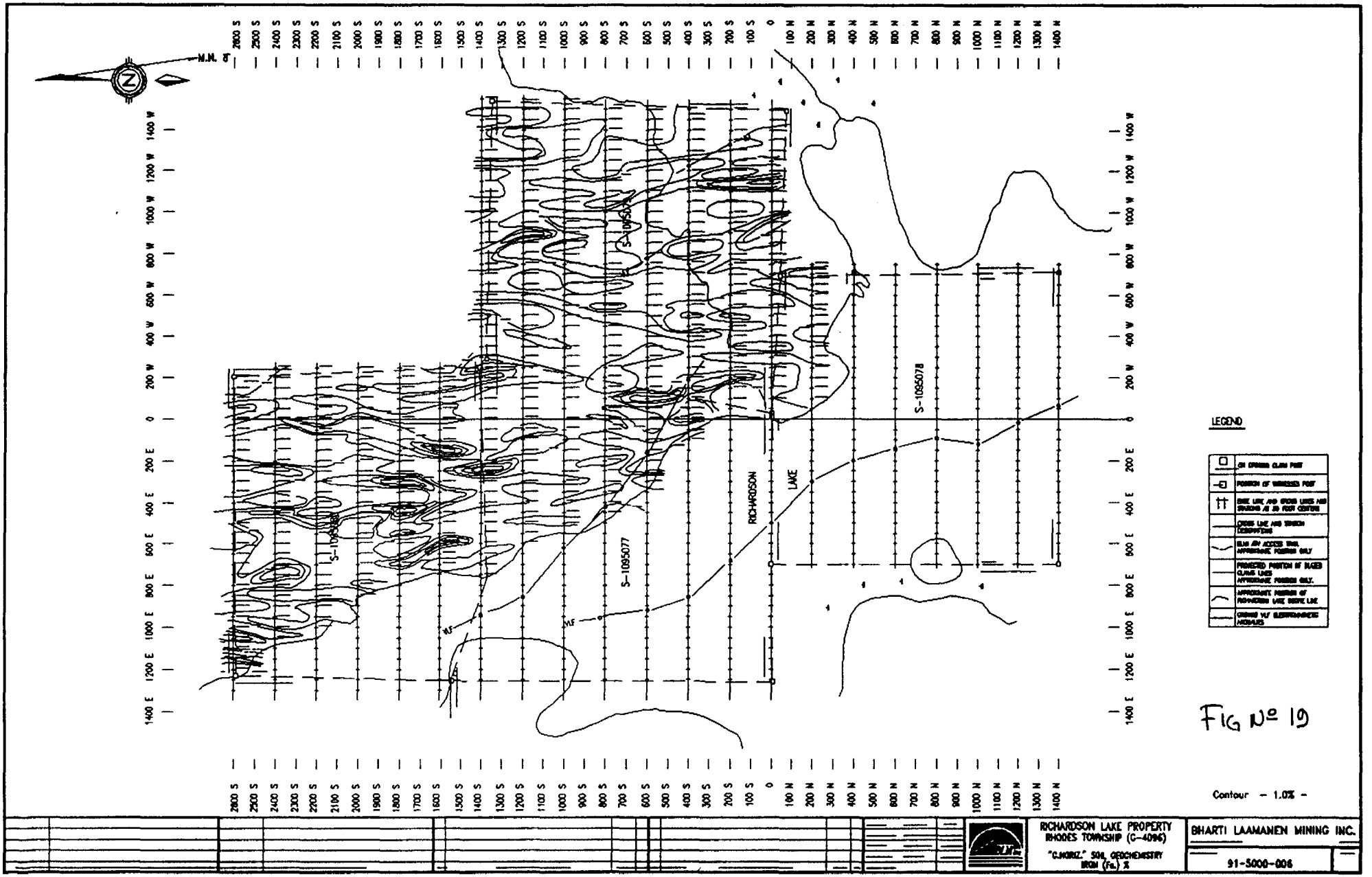
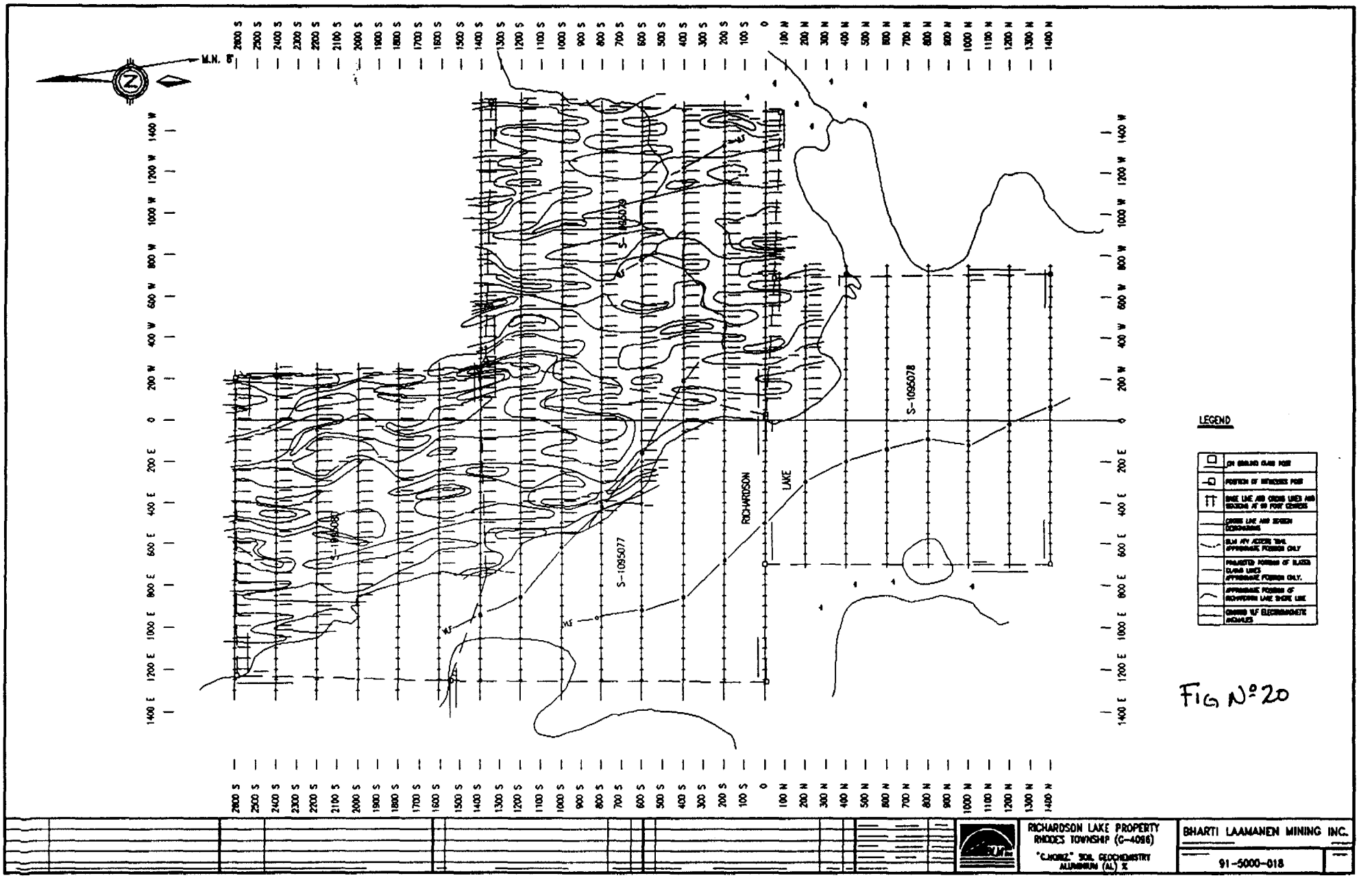

M.N. 5°
S-1095078
S-1095077
S-1095076
RICHARDSON
LAKE
LEGEND
Contour - 1.0% -
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (C-4096)
"C" HORIZ." SOIL GEOCHEMISTRY
IRON (Fe) %
BHARTI LAAMANEN MINING INC.
91-5000-006

Fig No 19


M.N.
2800 S
2500 S
2400 S
2300 S
2200 S
2100 S
2000 S
1900 S
1800 S
1700 S
1600 S
1500 S
1400 S
1300 S
1200 S
1100 S
1000 S
900 S
800 S
700 S
600 S
500 S
400 S
300 S
200 S
100 S
0
100 N
200 N
300 N
400 N
500 N
600 N
700 N
800 N
900 N
1000 N
1100 N
1200 N
1300 N
1400 N
1400 W
1200 W
1000 W
800 W
600 W
400 W
200 W
0
200 E
400 E
600 E
800 E
1000 E
1200 E
1400 E
S-1095078
S-1095077
RICHARDSON
LAKE
LEGEND
FIG N°20
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (C-4016)
"C-HORIZ." SOIL GEOCHEMISTRY
ALUMINUM (AL) %
BHARTI LAAMANEN MINING INC.
91-5000-018

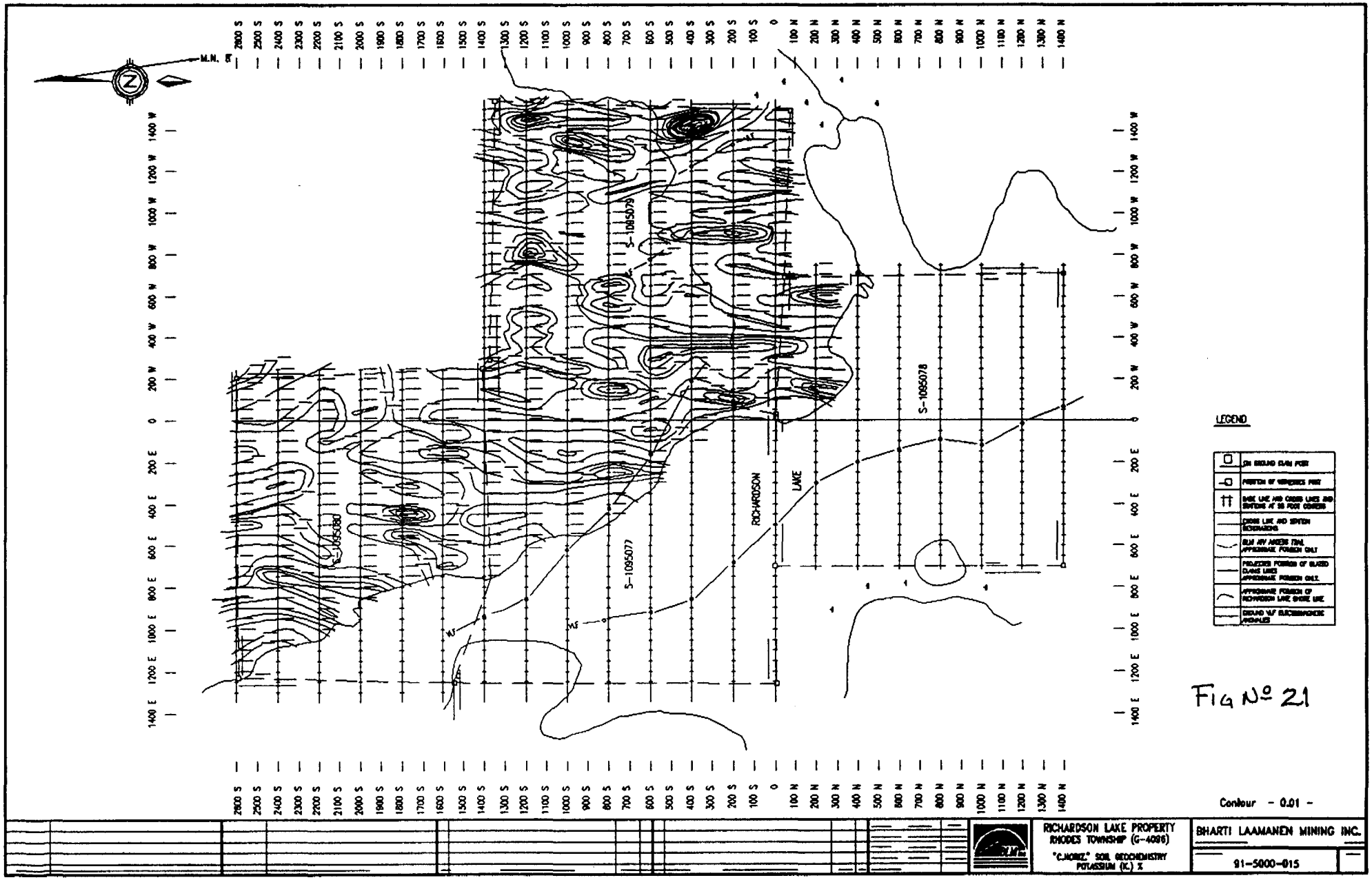

M.N.
S-1095079
S-1095078
S-1095077
S-1095080
RICHARDSON
LAKE
LEGEND
Contour - 0.01 -
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
POTASSIUM (K.) %
BHARTI LAAMANEN MINING INC.
91-5000-015

Fig No 21

High Al values in the lower to mid 3.00% range were noted trending north-westwards across S-1095079 and appears to correlate with the various responses in the No. 3 target area.

Soil potassium levels throughout the grid area appear to be quite widespread and range from 0.1% with a number of elevated peaks in the 0.04% to 0.07% range. High values of 0.15% and 0.21% K in the same peak areas were identified near the western extent of line 400S. These elevated values occur over what has been mapped as coarse grained intermediate to felsic pyroclastic rocks. Most of the soil responses may be indicative of pegmatite occurrences which are commonly found throughout the area and are thought to be most predominant in the mafic metavolcanics. Occasionally pegmatite veins were found to occur within the more siliceous rocks on the property. Elevated potassium values in the 0.04 to 0.06% range were found to correlate with the position of the R8 airborne anomaly. The elevated potassium may indicate possible alteration associated with potential mineralization etc. in that area.

It is quite possible that the majority of the potassium detected may have been derived form the weathering breakdown of granite bearing glacial debris.

Vanadium, which may occur in a number of forms, has been detected throughout the survey area with peak values ranging from 50 ppm to 222 ppm. As has been shown with the previous elements, Vanadium appears to follow along specific trends. In the southern limits of the grid, the Vanadium values appear to be well spread out, while it may be possible to make a weak connection with the R8 airborne anomaly. The Vanadium values west of the Holmstrom showing appear to be more specifically confined along the trend of the No. 1 target area. Elevated metal values along the trend of the No. 3 target area in the range of 50 ppm to 196 ppm correspond well with the lead-zinc-copper etc. It is possible that some Vanadium responses are indicative of lead mineralization and may be present in the form of a chlorite, phosphorous lead complex.

The rare earth element Lanthanum was generally found to occur at or below the detection limit within the soils. In a few rare instances elevated metal peaks have been detected with values ranging from 20 ppm to as high as 90 ppm La. The highest value of 90 ppm is located 200 feet east of the base line on line 2400S and would be situated about 500 to 600 feet +/- west of the trend of the R8 airborne anomaly. Three additional elevated metal areas located on claim S-1095079 have values ranging from 20 ppm to 70 ppm La and appear to be closely associated with a series of north-west trending ground VLF-electromagnetic anomalies. The 70 ppm peak located on line 200S is thought to occur over carbonated and silicified Int-Fel metavolcanic rocks. The La peaks located on lines 600S and 000S to 200S occur over mafic metavolcanics and coarse Int to Fel pyroclastic rock respectively.

In conclusion, the results of the recent geochemical soil survey have shown that the various geological

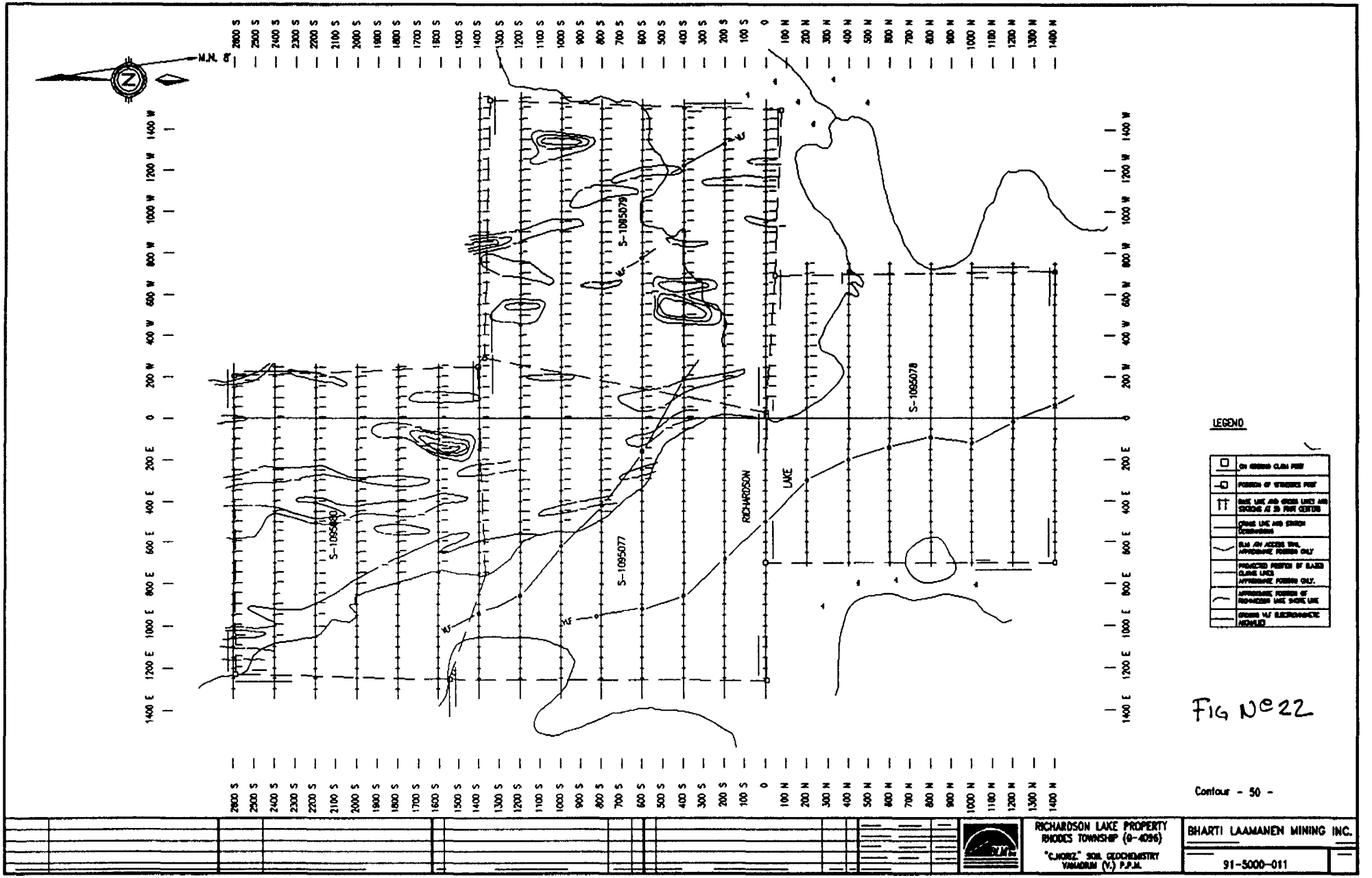

M.N.
2800 S
2500 S
2400 S
2300 S
2200 S
2100 S
2000 S
1900 S
1800 S
1700 S
1600 S
1500 S
1400 S
1300 S
1200 S
1100 S
1000 S
900 S
800 S
700 S
600 S
500 S
400 S
300 S
200 S
100 S
0
100 N
200 N
300 N
400 N
500 N
600 N
700 N
800 N
900 N
1000 N
1100 N
1200 N
1300 N
1400 N
1400 W
1200 W
1000 W
800 W
600 W
400 W
200 W
0
200 E
400 E
600 E
800 E
1000 E
1200 E
1400 E
S-1095080
S-1095079
S-1095078
S-1095077
RICHARDSON
LAKE
LEGEND
Contour - 50 -
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (0-4096)
"C" HORIZ. SOIL GEOCHEMISTRY
VANADIUM (V.) P.P.M.
BHARTI LAAMANEN MINING INC.
91-5000-011

Fig No 22

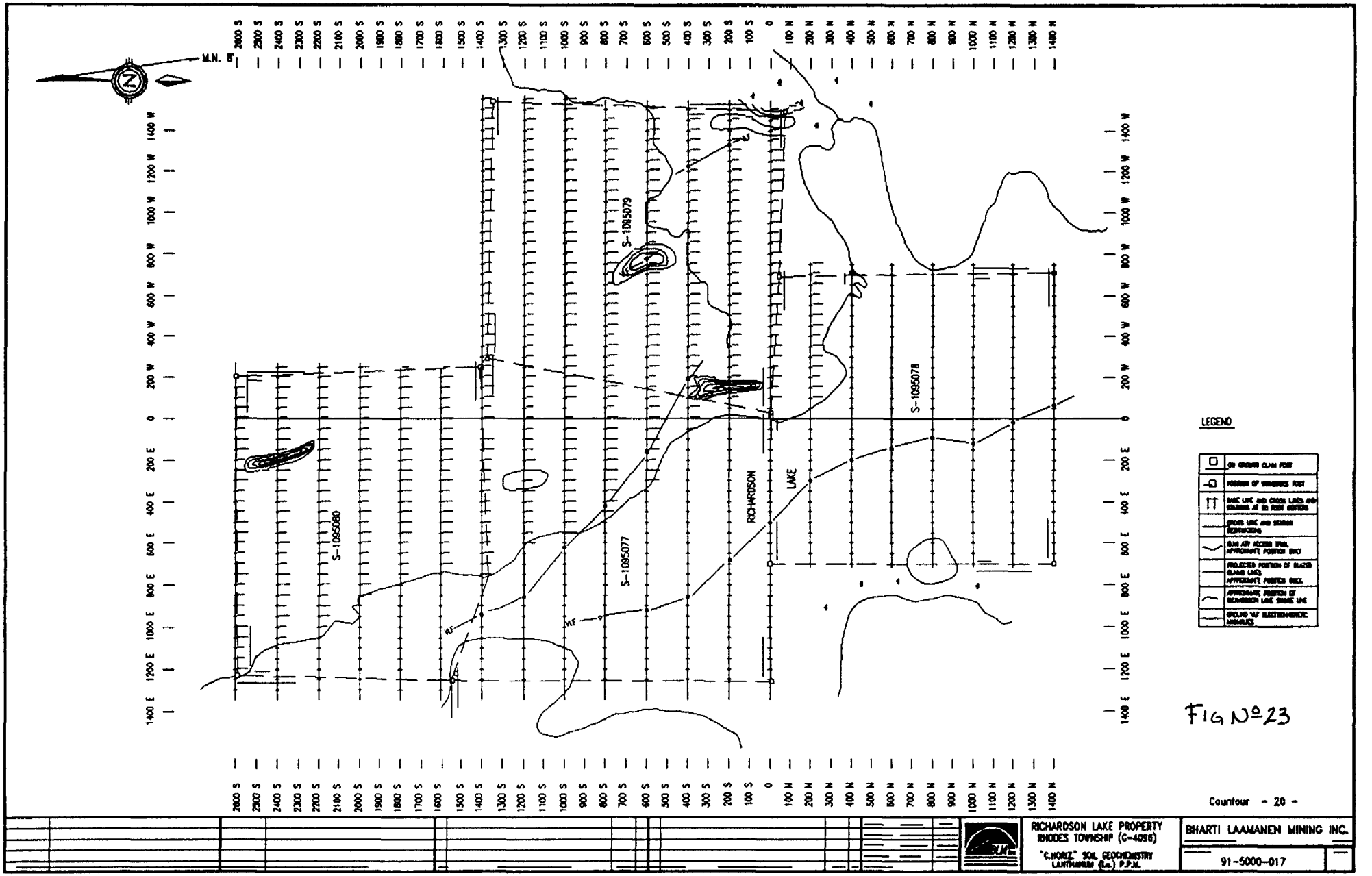

M.N.
S-1095080
S-1095077
S-1095079
S-1095078
RICHARDSON
LAKE
LEGEND
Countour - 20 -
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C-HORIZ." SOIL GEOCHEMISTRY
LANTHANUM (La.) P.P.M.
BHARTI LAAMANEN MINING INC.
91-5000-017

Fig No 23

formations indicated by means of geological mapping have given off certain chemical signatures which have been partially identified and evaluated. As a result of the combined evaluation of ground and airborne geophysics, geochemical analysis of soils and rock, in conjunction with geological mapping, it has been possible to identify three distinctive target areas.

The results of the various exploration techniques for these target areas would appear to indicate that the responses may be related to possible sulphide mineralization.

It may be possible to speculate or debate the issue of intensity of the various responses without considering the various contributing factors which may have shaped the various response characteristics, etc..

It is known, for instance, that the property is covered by extensive glacial overburden in places and the outcrop density is somewhat low. Soil samples were collected from the consistent C Θ horizon along the grid system. It is well known that most soil surveys where C Θ horizon samples were utilized, the returned values are often well depressed in comparison with the more often used A or B Θ horizon materials. With this in mind it is strongly suspected that a good proportion of the metal values obtained over the grid area should be considered anomalous and may be indicative of bedrock mineralization, etc.

There is probably little doubt that the geophysics and geochemistry surveys were quite valuable. The main question that must be answered, now that targets have been identified, is if mineral bearing rock exists in those areas and to what extent does it occur?

The collected data strongly suggests that within the three target areas there may exist the potential for mineralization to occur. A truly dedicated way to further evaluate these and other areas would be to conduct possibly more detailed geophysics, in conjunction with trenching and diamond drilling. The deployment of these exploration endeavours could ultimately lead to the discovery of a valuable mineral deposit.

12. CONCLUSIONS

All of the work which was carried out on the BLMI Richardson Lake Property in Rhodes Township which included geophysics, geology and the geochemistry has resulted in the generation of a significant amount of useful exploration data.

By carefully reviewing the generated data it has been possible to determine or conclude that certain volcanogenetic sequences trending across the BLMI property may have the potential to host mineral deposits.

The presence of strataform pyrite-chert horizons, including well disseminated sphalerite and galena, sulphide stringers and the intrusion of quartz porphyry dikes into a highly altered intermediate to felsic rocks, overlain by former mafic metavolcanics, may be indicative of a potential volcanogenetic massive sulphide environment.

The results of the recent work are thought to be encouraging enough to warrant further, more detailed exploration endeavours be undertaken during the 1992 field season.

13. RECOMMENDATIONS

The evaluation studies and conclusions would clearly suggest that additional, more advanced exploration work should be undertaken over those identified favourable areas on the BLMI property in an attempt to fully assess the mineral potential.

Additional geophysics such as Horizontal and Vertical Loop, including Self Potential should be run over a tightly cut orientation grid system. Power stripping utilizing a backhoe mounted on a timberjack will have to be carried out in order that good exposures of the surface stratigraphy can be easily mapped, sampled, etc. It is strongly believed that the most concentrated mineralization occurs, under a semi swampy area immediately adjacent to the disseminated sphalerite and galena showings. Power stripping will expose those rocks not seen before and will boost the overall level of confidence in the property geology.

It would probably be very advantageous to carry out a limited diamond drill program of 2000 to 3000 feet in order to test the mineral bearing potential of the geophysical and corresponding geochemical responses. Diamond drilling would also be quite valuable for delineating stratigraphy which may aid in identifying potential mineral deposits.

Rock, mineral and soil sampling and analysis work will have to be carried out on an ongoing basis as work progresses.

More detailed studies on the petrology, mineralogy, structural geology etc. should be carried out in the near future and assistance may be made available for such work through Laurentian University.

APPENDIX I

CERTIFICATES OF ANALYSES

The following assaying data has been generated over a period of two field seasons (BLMI 1990, BLMI-OPAP 1991) and depicts the analytical results from rock and soil geochemical samples collected on the BLMI Richardson Lake Property - Rhodes Township - Richardson Lake Property.

In an attempt to keep the analytical records complete for this property and to assist in any future assessments of the mineral-exploration potential, using this report, sample assay data has been included from fieldwork carried out by the company during the summer of 1990. The 1990 assaying work has not been identified in the present OP91-069 program outline.

Please refer to the "Rock Sample Location Map" for details with respect to locations etc. Please refer to the report for details with respect to complete sample descriptions.

The various analytical procedures were carried out by:

1. Chemex Labs Ltd. - Toronto, Vancouver

2. MNDM - Temiskaming Testing Laboratories - Cobalt

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
450 Matheson Blvd.,E., Unit 54, Mississauga,
Ontario, Canada L4Z 1R5
PHONE: 416-890-0310

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : 90-6000-004
Comments: ATTN: H. TRACANELLI

Invoice Date: 25-JUN-90
Invoice No. : I-9017186
P.O. Number : 1163

CERTIFICATE OF ANALYSIS A9017186

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA
RDL-006	205 294	< 5
052690001	205 294	< 5
052690002	205 294	< 5
053090001	205 294	< 5
053090002	205 294	< 5
053090003	205 294	< 5
053090004	205 294	< 5
053090005	205 294	< 5
053090006	205 294	< 5
053090007	205 294	< 5
053090008	205 294	< 5
053090009	205 294	< 5
053090010	205 294	< 5
053090011	205 294	< 5
053090014	205 294	< 5

HOLMSTRAM SHOWING
S-1095077

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
450 Matheson Blvd.,E., Unit 54, Mississauga,
Ontario, Canada L4Z 1R5
PHONE: 416-890-0310

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : 90-6000-004
Comments: ATTN: H. TRACANELLI

Page Number : 1-A
Total Pages : 1
Invoice Date: 26-JUN-90
Invoice No. : I-9017187
P.O. Number : [redacted]7

CERTIFICATE OF ANALYSIS A9017187

SAMPLE DESCRIPTION	PREP CODE		Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)
052690001	299	232	1.5	2.38	100	< 0.5	< 2	0.39	0.5	75	220	114	24.4	0.73	0.42	705
053090002	299	232	< 0.5	1.77	190	< 0.5	< 2	>25.0	0.5	8	27	8	0.79	0.75	0.35	6130
053090006	299	232	< 0.5	2.89	270	0.5	< 2	>25.0	1.0	10	43	12	1.20	1.18	0.37	5790
053090008	299	232	0.5	4.23	210	< 0.5	< 2	0.66	1.0	44	325	70	15.50	1.84	1.15	895
053090014	299	232	< 0.5	7.15	120	< 0.5	< 2	7.11	0.5	31	318	94	7.08	0.55	2.94	1360

CERTIFICATION: B Caudlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
450 Matheson Blvd.,E., Unit 54, Mississauga,
Ontario, Canada L4Z 1R5
PHONE: 416-890-0310

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : 90-6000-004
Comments: ATTN: H. TRACANELLI

Page Number : 1-B
Total Pages : 1
Invoice Date: 26-JUN-90
Invoice No. : I-9017187
P.O. Number : 1[redacted]

CERTIFICATE OF ANALYSIS A9017187

SAMPLE DESCRIPTION	PREP CODE		Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)				
052690001	299	232	5	0.96	107	< 10	28	14	0.08	15	< 10	86				
053090002	299	232	1	0.48	11	90	16	151	0.02	1	< 10	64				
053090006	299	232	1	1.00	20	150	< 2	146	0.05	4	< 10	48				
053090008	299	232	9	1.24	75	420	< 2	37	0.17	42	< 10	104				
053090014	299	232	2	1.74	81	240	< 2	155	0.50	231	10	96				

CERTIFICATION: B. Caplin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
450 Matheson Blvd.,E., Unit 54, Mississauga,
Ontario, Canada L4Z 1R5
PHONE: 416-890-0310

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : 90-6000-004
Comments: ATTN: H. TRACANELLI

Invoice Date: 27-JUN-90
Invoice No. : I-9017188
P.O. Numb[redacted] 1167

CERTIFICATE OF ANALYSIS A9017188

SAMPLE DESCRIPTION	PREP CODE	Al2O3 %	BaO %	CaO %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %
053090006	299 200	4.51	0.02	36.36	1.70	1.15	0.57	0.74	1.34	< 0.01	21.24	0.08	30.13	97.85
053090014	299 200	14.77	0.01	12.31	12.40	0.70	5.64	0.22	2.47	0.08	46.52	0.96	1.79	97.87

CERTIFICATION: B. Caldwell

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :19116122
P.O. Number

CERTIFICATE OF ANALYSIS A9116122

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L0	100W	201	298	< 5	0.4	0.62	< 5	10	< 0.5	< 2	0.03	< 0.5	< 1	13	5	1.09	< 10	1	0.01	< 10	0.04	25
L0	150W	201	298	< 5	0.2	1.28	10	20	< 0.5	< 2	0.11	< 0.5	4	26	19	1.29	< 10	< 1	0.02	10	0.22	80
L0	200W	201	298	< 5	< 0.2	0.92	< 5	20	< 0.5	< 2	0.08	< 0.5	2	21	10	1.19	< 10	< 1	0.02	< 10	0.11	330
L0	250W	201	298	< 5	0.2	1.41	5	40	< 0.5	< 2	0.12	< 0.5	5	32	6	1.51	< 10	< 1	0.02	10	0.28	415
L0	300W	201	298	< 5	0.2	0.36	< 5	10	< 0.5	< 2	0.06	< 0.5	< 1	6	< 1	0.27	< 10	< 1	< 0.01	10	0.02	25
L0	350W	201	298	< 5	0.4	2.06	< 5	40	0.5	< 2	0.17	< 0.5	9	37	12	2.22	10	< 1	0.03	< 10	0.33	280
L0	400W	201	298	< 5	0.2	1.05	< 5	20	< 0.5	< 2	0.11	< 0.5	2	22	4	1.45	< 10	1	0.01	10	0.13	95
L0	450W	201	298	< 5	0.4	1.18	< 5	20	< 0.5	< 2	0.16	< 0.5	5	32	6	1.92	< 10	1	0.03	< 10	0.23	175
L0	500W	201	298	< 5	< 0.2	1.15	< 5	20	< 0.5	< 2	0.12	< 0.5	2	22	2	1.56	< 10	< 1	0.02	< 10	0.11	70
L0	550W	201	298	< 5	< 0.2	1.81	5	20	< 0.5	< 2	0.14	< 0.5	4	34	2	2.10	< 10	< 1	0.02	< 10	0.17	130
L0	600W	201	298	< 5	0.2	2.37	< 5	30	< 0.5	< 2	0.15	< 0.5	6	38	11	2.21	10	< 1	0.02	< 10	0.26	130
L0	700W	201	298	< 5	0.2	1.63	< 5	40	< 0.5	< 2	0.16	< 0.5	3	33	12	2.06	10	< 1	0.03	< 10	0.22	150
L0	750W	201	298	< 5	0.2	2.60	< 5	30	0.5	< 2	0.14	< 0.5	5	39	5	2.21	10	< 1	0.02	< 10	0.24	100
L0	800W	201	298	< 5	0.2	0.98	5	20	< 0.5	< 2	0.09	< 0.5	2	22	4	1.39	< 10	< 1	0.01	< 10	0.10	110
L0	850W	201	298	< 5	0.2	3.06	< 5	10	0.5	< 2	0.11	< 0.5	3	43	9	2.11	< 10	< 1	0.01	< 10	0.18	85
L0	900W	201	298	< 5	< 0.2	1.57	< 5	10	< 0.5	< 2	0.14	< 0.5	3	36	33	2.54	10	< 1	0.01	10	0.23	95
L0	950W	201	298	< 5	0.2	1.97	10	20	< 0.5	< 2	0.10	< 0.5	3	46	9	3.52	10	< 1	0.01	< 10	0.19	100
L0	1000W	201	298	< 5	0.4	1.35	< 5	20	0.5	< 2	0.20	< 0.5	7	33	48	0.81	< 10	< 1	0.02	10	0.25	80
L0	1050W	201	298	5	0.4	0.86	< 5	20	< 0.5	< 2	0.16	< 0.5	4	32	11	0.85	< 10	< 1	0.02	10	0.28	90
L0	1150W	201	298	10	0.2	1.65	< 5	50	< 0.5	< 2	0.17	< 0.5	10	60	23	4.11	10	< 1	0.04	< 10	0.60	570
L0	1200W	201	298	< 5	< 0.2	1.99	< 5	20	< 0.5	< 2	0.13	< 0.5	3	32	11	1.75	< 10	< 1	0.01	10	0.23	95
L0	1250W	201	298	< 5	< 0.2	1.06	< 5	20	< 0.5	< 2	0.14	< 0.5	3	31	8	2.41	10	< 1	0.02	< 10	0.32	120
L0	1300W	201	298	< 5	0.2	1.07	< 5	20	< 0.5	< 2	0.11	< 0.5	2	26	6	1.26	< 10	< 1	0.02	< 10	0.15	85
L0	1350W	201	298	< 5	< 0.2	0.42	< 5	10	< 0.5	< 2	0.12	< 0.5	1	14	6	1.19	10	< 1	0.03	10	0.11	50
L0	1400W	201	298	< 5	< 0.2	1.69	< 5	20	1.0	< 2	0.10	< 0.5	3	27	9	1.62	10	< 1	0.02	30	0.18	65
L0	1450W	201	298	< 5	< 0.2	0.50	< 5	< 10	< 0.5	< 2	0.11	< 0.5	< 1	11	1	0.29	10	< 1	0.01	10	0.06	40
L2N	100W	201	298	< 5	< 0.2	0.27	< 5	10	< 0.5	< 2	0.06	< 0.5	< 1	6	1	0.39	< 10	< 1	0.01	< 10	0.01	25
L2N	200W	201	298	< 5	0.2	0.41	< 5	10	< 0.5	< 2	0.07	< 0.5	< 1	9	4	0.43	< 10	< 1	0.02	10	0.02	35
L2N	250W	201	298	< 5	< 0.2	0.34	< 5	20	< 0.5	< 2	0.09	< 0.5	1	9	1	0.54	< 10	< 1	0.01	< 10	0.05	35
L2N	300W	201	298	< 5	< 0.2	1.26	10	20	< 0.5	< 2	0.10	< 0.5	5	27	5	1.27	< 10	< 1	0.01	< 10	0.23	80
L2N	350W	201	298	< 5	< 0.2	1.14	< 5	20	< 0.5	< 2	0.13	< 0.5	2	27	6	1.57	< 10	< 1	0.01	< 10	0.17	75
L2N	450W	201	298	< 5	< 0.2	0.29	< 5	10	< 0.5	< 2	0.03	< 0.5	1	13	3	0.90	< 10	< 1	0.02	< 10	0.03	315
L2N	500W	201	298	< 5	< 0.2	1.40	< 5	20	< 0.5	< 2	0.09	< 0.5	9	28	7	1.31	< 10	< 1	0.02	< 10	0.24	85
L2N	550W	201	298	< 5	< 0.2	0.33	< 5	10	< 0.5	< 2	0.04	< 0.5	1	9	6	0.80	< 10	< 1	0.02	< 10	0.05	25
L2N	650W	201	298	< 5	< 0.2	1.90	< 5	30	< 0.5	< 2	0.09	< 0.5	7	33	10	1.57	< 10	< 1	0.02	< 10	0.24	190
L2N	700W	201	298	< 5	< 0.2	0.11	< 5	< 10	< 0.5	< 2	0.01	< 0.5	< 1	4	1	0.14	< 10	< 1	0.01	10	< 0.01	15
L2N	750W	201	298	< 5	< 0.2	1.96	< 5	20	0.5	< 2	0.07	< 0.5	2	29	23	2.02	< 10	< 1	0.01	< 10	0.11	65
L2S	150W	201	298	< 5	< 0.2	1.02	5	50	0.5	< 2	0.35	< 0.5	4	36	40	0.78	< 10	1	0.01	70	0.25	85
L2S	200W	201	298	< 5	0.2	1.77	< 5	30	< 0.5	< 2	0.15	< 0.5	2	39	18	3.62	10	< 1	0.02	< 10	0.21	65
L2S	250W	201	298	< 5	< 0.2	1.55	< 5	30	< 0.5	< 2	0.14	< 0.5	5	27	4	1.49	< 10	< 1	0.03	10	0.17	80

CERTIFICATION: B. Caglioni

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :I9116122
P.O. Number

CERTIFICATE OF ANALYSIS A9116122

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L0 100W	201 298	< 1	< 0.01	5	120	2	< 5	1	5	0.06	< 10	< 10	36	< 10	14
L0 150W	201 298	< 1	< 0.01	15	260	8	< 5	2	7	0.09	< 10	< 10	27	< 10	26
L0 200W	201 298	< 1	< 0.01	10	700	< 2	< 5	1	7	0.04	< 10	< 10	21	< 10	40
L0 250W	201 298	< 1	< 0.01	15	820	2	< 5	2	8	0.05	< 10	< 10	24	< 10	48
L0 300W	201 298	< 1	< 0.01	1	60	2	< 5	< 1	6	0.05	< 10	< 10	9	< 10	8
L0 350W	201 298	< 1	0.01	22	680	6	< 5	3	10	0.09	< 10	< 10	40	< 10	36
L0 400W	201 298	< 1	< 0.01	8	330	4	< 5	2	9	0.09	< 10	< 10	27	< 10	24
L0 450W	201 298	< 1	< 0.01	16	420	4	< 5	2	11	0.10	< 10	< 10	32	< 10	28
L0 500W	201 298	< 1	< 0.01	7	280	< 2	< 5	1	10	0.09	< 10	< 10	29	< 10	20
L0 550W	201 298	< 1	0.01	14	770	2	< 5	2	11	0.10	< 10	< 10	36	< 10	28
L0 600W	201 298	< 1	0.01	19	420	8	< 5	3	10	0.11	< 10	< 10	35	< 10	26
L0 700W	201 298	< 1	0.01	18	570	8	< 5	2	12	0.10	< 10	< 10	33	< 10	50
L0 750W	201 298	< 1	0.01	19	530	4	< 5	3	9	0.10	< 10	< 10	36	< 10	34
L0 800W	201 298	< 1	< 0.01	7	190	4	< 5	1	8	0.08	< 10	< 10	33	< 10	26
L0 850W	201 298	< 1	0.01	12	640	2	< 5	3	8	0.09	< 10	< 10	32	< 10	38
L0 900W	201 298	< 1	0.01	12	340	2	< 5	2	10	0.10	< 10	< 10	33	< 10	28
L0 950W	201 298	< 1	0.01	14	290	4	< 5	2	7	0.16	< 10	< 10	56	< 10	36
L0 1000W	201 298	< 1	0.01	18	380	6	< 5	2	10	0.07	< 10	< 10	19	< 10	26
L0 1050W	201 298	< 1	< 0.01	15	220	6	< 5	1	10	0.09	< 10	< 10	23	< 10	30
L0 1150W	201 298	1	0.01	27	690	8	< 5	3	10	0.23	< 10	< 10	86	< 10	80
L0 1200W	201 298	< 1	0.01	14	700	8	< 5	2	8	0.08	< 10	< 10	27	< 10	38
L0 1250W	201 298	< 1	< 0.01	14	590	6	< 5	2	9	0.13	< 10	< 10	58	< 10	36
L0 1300W	201 298	< 1	< 0.01	11	260	6	< 5	1	8	0.07	< 10	< 10	25	< 10	20
L0 1350W	201 298	< 1	< 0.01	7	150	10	< 5	1	11	0.21	< 10	< 10	48	< 10	22
L0 1400W	201 298	< 1	< 0.01	13	160	8	< 5	2	9	0.10	< 10	< 10	35	< 10	18
L0 1450W	201 298	1	< 0.01	3	60	12	< 5	1	13	0.12	< 10	< 10	14	< 10	10
L2N 100W	201 298	< 1	< 0.01	3	70	6	< 5	< 1	7	0.06	< 10	< 10	14	< 10	8
L2N 200W	201 298	< 1	< 0.01	1	180	6	< 5	1	9	0.07	< 10	< 10	13	< 10	12
L2N 250W	201 298	< 1	< 0.01	4	290	2	< 5	1	7	0.05	< 10	< 10	13	< 10	14
L2N 300W	201 298	< 1	< 0.01	16	240	6	< 5	2	6	0.07	< 10	< 10	24	< 10	16
L2N 350W	201 298	< 1	< 0.01	14	260	4	< 5	1	10	0.07	< 10	< 10	28	< 10	24
L2N 450W	201 298	< 1	< 0.01	6	140	6	< 5	< 1	3	0.09	< 10	< 10	40	< 10	8
L2N 500W	201 298	< 1	< 0.01	15	180	6	< 5	2	6	0.07	< 10	< 10	25	< 10	20
L2N 550W	201 298	< 1	< 0.01	4	110	10	< 5	< 1	4	0.06	< 10	< 10	24	< 10	16
L2N 650W	201 298	< 1	< 0.01	18	440	4	< 5	2	6	0.08	< 10	< 10	29	< 10	38
L2N 700W	201 298	< 1	< 0.01	< 1	50	4	< 5	< 1	1	0.02	< 10	< 10	4	< 10	6
L2N 750W	201 298	< 1	< 0.01	8	420	10	< 5	2	5	0.07	< 10	< 10	33	< 10	20
L2S 150W	201 298	< 1	0.01	12	450	6	< 5	7	14	0.06	10	< 10	21	< 10	18
L2S 200W	201 298	1	0.01	14	290	14	< 5	2	10	0.17	< 10	< 10	62	< 10	30
L2S 250W	201 298	< 1	0.01	14	220	4	< 5	2	10	0.08	< 10	< 10	22	< 10	26

CERTIFICATION: B. Caglioni

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :19116122
P.O. Number

CERTIFICATE OF ANALYSIS A9116122

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L2S	300W	201	298	< 5	< 0.2	0.54	10	30	< 0.5	< 2	0.10	< 0.5	2	13	11	0.71	< 10	< 1	0.02	< 10	0.06	115
L2S	400W	201	298	< 5	< 0.2	0.88	5	30	< 0.5	< 2	0.10	< 0.5	3	26	13	1.13	< 10	< 1	0.01	< 10	0.31	100
L2S	450W	201	298	< 5	0.2	1.26	10	30	< 0.5	< 2	0.08	< 0.5	4	35	7	2.25	< 10	< 1	0.02	< 10	0.26	80
L2S	500W	201	298	< 5	< 0.2	0.53	< 5	20	< 0.5	< 2	0.07	< 0.5	5	14	8	0.85	< 10	< 1	0.03	< 10	0.11	325
L2S	550W	201	298	< 5	< 0.2	1.97	5	20	0.5	< 2	0.11	< 0.5	6	37	13	2.14	< 10	< 1	0.02	10	0.29	95
L2S	600W	201	298	60	0.2	2.17	< 5	20	0.5	< 2	0.15	< 0.5	2	33	5	2.06	< 10	< 1	0.02	< 10	0.12	60
L2S	650W	201	298	< 5	< 0.2	1.42	< 5	20	< 0.5	< 2	0.16	< 0.5	5	32	16	1.73	< 10	< 1	0.02	10	0.29	95
L2S	700W	201	298	5	< 0.2	1.40	10	20	< 0.5	< 2	0.15	< 0.5	4	33	10	1.71	< 10	< 1	0.02	10	0.24	90
L2S	750W	201	298	< 5	0.2	1.39	5	10	< 0.5	< 2	0.13	< 0.5	3	34	9	2.67	< 10	< 1	0.03	< 10	0.24	105
L2S	800W	201	298	< 5	< 0.2	0.58	< 5	10	< 0.5	< 2	0.08	< 0.5	1	18	5	1.42	< 10	< 1	0.02	< 10	0.09	70
L2S	850W	201	298	10	0.2	0.92	< 5	20	< 0.5	< 2	0.07	< 0.5	1	23	5	1.85	< 10	< 1	0.02	< 10	0.10	75
L2S	950W	201	298	< 5	< 0.2	1.12	< 5	50	< 0.5	< 2	0.13	< 0.5	4	33	17	0.77	< 10	< 1	0.02	10	0.19	55
L2S	1050W	201	298	5	< 0.2	0.93	< 5	10	< 0.5	< 2	0.18	< 0.5	4	28	13	1.10	< 10	< 1	0.01	10	0.31	105
L2S	1100W	201	298	< 5	< 0.2	0.60	< 5	10	< 0.5	< 2	0.12	< 0.5	2	19	7	0.69	< 10	< 1	0.02	10	0.16	65
L2S	1150W	201	298	5	0.2	1.02	10	20	< 0.5	< 2	0.15	< 0.5	3	44	15	3.51	10	< 1	0.03	< 10	0.27	115
L2S	1250W	201	298	< 5	0.2	2.36	< 5	40	0.5	< 2	0.12	< 0.5	5	38	5	1.88	< 10	< 1	0.02	10	0.18	65
L4S	0+50E	201	298	< 5	< 0.2	1.99	< 5	10	< 0.5	< 2	0.09	< 0.5	4	30	10	1.50	< 10	< 1	0.01	< 10	0.26	85
L4S	100E	201	298	< 5	0.2	1.91	5	30	0.5	< 2	0.08	< 0.5	5	51	17	3.15	< 10	< 1	0.01	< 10	0.31	110
L4S	0+00	201	298	< 5	< 0.2	0.89	5	20	< 0.5	< 2	0.05	< 0.5	1	34	8	3.30	< 10	< 1	0.01	< 10	0.17	65
L4S	0+50W	201	298	< 5	< 0.2	0.90	< 5	20	< 0.5	< 2	0.06	< 0.5	3	30	9	2.13	< 10	< 1	0.02	< 10	0.22	70
L4S	100W	201	298	< 5	0.2	2.23	5	30	0.5	< 2	0.10	< 0.5	5	40	9	1.90	< 10	< 1	0.03	10	0.21	80
L4S	150W	201	298	< 5	0.4	0.98	10	30	0.5	< 2	0.11	< 0.5	3	37	9	2.98	10	< 1	0.03	< 10	0.21	110
L4S	200W	201	298	< 5	0.4	1.66	< 5	30	0.5	< 2	0.14	< 0.5	6	38	6	2.25	< 10	< 1	0.02	10	0.23	165
L4S	250W	201	298	< 5	0.2	1.01	5	20	0.5	< 2	0.13	< 0.5	6	30	5	1.85	< 10	< 1	0.02	< 10	0.22	290
L4S	300W	201	298	< 5	< 0.2	1.44	< 5	20	0.5	< 2	0.09	< 0.5	4	32	6	1.22	< 10	< 1	0.02	< 10	0.21	80
L4S	350W	201	298	< 5	0.6	1.68	< 5	30	0.5	< 2	0.15	< 0.5	8	34	85	2.06	< 10	< 1	0.04	10	0.22	160
L4S	400W	201	298	< 5	< 0.2	0.35	5	30	< 0.5	< 2	0.09	< 0.5	1	9	13	0.52	< 10	< 1	0.01	< 10	0.05	55
L4S	450W	201	298	< 5	0.6	2.42	< 5	20	0.5	< 2	0.11	< 0.5	3	40	11	2.32	< 10	< 1	0.02	< 10	0.20	105
L4S	500W	201	298	< 5	0.4	0.62	10	20	0.5	< 2	0.15	< 0.5	< 1	23	10	3.09	10	< 1	0.02	< 10	0.08	70
L4S	550W	201	298	< 5	0.2	0.66	10	20	0.5	< 2	0.09	< 0.5	< 1	23	8	2.41	20	< 1	0.02	< 10	0.08	45
L4S	600W	201	298	< 5	< 0.2	0.52	5	30	< 0.5	< 2	0.12	< 0.5	1	14	9	1.17	< 10	< 1	0.03	< 10	0.10	60
L4S	650W	201	298	< 5	< 0.2	0.43	< 5	10	< 0.5	< 2	0.04	< 0.5	< 1	15	3	1.49	10	< 1	0.02	< 10	0.04	35
L4S	700W	201	298	< 5	0.2	1.32	5	20	0.5	< 2	0.08	< 0.5	3	26	3	1.67	< 10	< 1	0.02	< 10	0.14	100
L4S	750W	201	298	< 5	< 0.2	0.43	< 5	20	< 0.5	< 2	0.13	< 0.5	8	13	12	0.47	< 10	< 1	0.02	10	0.07	425
L4S	800W	201	298	15	< 0.2	1.68	5	20	0.5	< 2	0.09	< 0.5	1	27	7	2.28	10	< 1	0.02	< 10	0.12	70
L4S	850W	201	298	< 5	0.2	1.99	< 5	30	0.5	< 2	0.12	< 0.5	5	34	8	2.47	10	< 1	0.02	< 10	0.39	230
L4S	950W	201	298	< 5	< 0.2	0.49	< 5	20	< 0.5	< 2	0.06	< 0.5	1	13	14	0.70	< 10	< 1	0.02	10	0.05	55
L4S	1000W	201	298	< 5	< 0.2	0.44	< 5	10	< 0.5	< 2	0.12	< 0.5	1	16	9	0.59	< 10	< 1	0.02	10	0.08	50
L4S	1050W	201	298	< 5	< 0.2	0.34	< 5	20	< 0.5	< 2	0.09	< 0.5	< 1	12	19	0.28	< 10	< 1	0.01	10	0.02	30
L4S	1100W	201	298	< 5	< 0.2	0.38	< 5	10	< 0.5	< 2	0.06	< 0.5	< 1	8	4	0.54	< 10	< 1	0.01	< 10	0.02	30

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :19116122
P.O. Number

CERTIFICATE OF ANALYSIS A9116122

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L2S 300W	201 298	< 1	< 0.01	10	120	6	< 5	1	10	0.06	< 10	< 10	17	< 10	16
L2S 400W	201 298	< 1	< 0.01	14	80	8	< 5	1	7	0.07	< 10	< 10	24	< 10	20
L2S 450W	201 298	< 1	< 0.01	16	160	4	< 5	1	5	0.09	< 10	< 10	36	< 10	24
L2S 500W	201 298	1	< 0.01	6	170	14	< 5	1	6	0.06	< 10	< 10	30	< 10	32
L2S 550W	201 298	< 1	0.01	17	290	8	< 5	2	6	0.09	< 10	< 10	29	< 10	22
L2S 600W	201 298	< 1	< 0.01	11	270	8	< 5	2	10	0.09	< 10	< 10	27	< 10	30
L2S 650W	201 298	< 1	0.01	18	220	8	< 5	2	10	0.10	< 10	< 10	30	< 10	24
L2S 700W	201 298	< 1	0.01	16	170	6	< 5	2	12	0.11	< 10	< 10	32	< 10	24
L2S 750W	201 298	< 1	< 0.01	12	340	10	< 5	2	8	0.12	< 10	< 10	40	< 10	28
L2S 800W	201 298	< 1	< 0.01	5	170	12	< 5	1	7	0.09	< 10	< 10	37	< 10	26
L2S 850W	201 298	< 1	< 0.01	8	150	10	< 5	1	6	0.08	< 10	< 10	29	< 10	28
L2S 950W	201 298	< 1	< 0.01	17	320	8	< 5	1	9	0.05	< 10	< 10	16	< 10	28
L2S 1050W	201 298	< 1	< 0.01	15	250	8	< 5	1	10	0.10	< 10	< 10	27	< 10	26
L2S 1100W	201 298	< 1	< 0.01	8	140	12	< 5	1	10	0.12	< 10	< 10	24	< 10	24
L2S 1150W	201 298	< 1	0.01	16	240	16	< 5	1	13	0.24	< 10	< 10	88	< 10	40
L2S 1250W	201 298	< 1	0.01	18	230	6	< 5	2	10	0.11	< 10	< 10	32	< 10	30
L4S 0+50E	201 298	< 1	< 0.01	17	220	4	< 5	2	4	0.08	< 10	< 10	28	< 10	20
L4S 100E	201 298	< 1	< 0.01	20	200	8	< 5	2	5	0.12	< 10	< 10	61	< 10	30
L4S 0+00	201 298	< 1	< 0.01	9	220	8	< 5	1	4	0.16	< 10	< 10	85	< 10	28
L4S 0+50W	201 298	< 1	< 0.01	13	120	6	< 5	1	4	0.13	< 10	< 10	46	< 10	20
L4S 100W	201 298	< 1	< 0.01	19	250	8	< 5	2	8	0.09	< 10	< 10	35	< 10	32
L4S 150W	201 298	< 1	< 0.01	13	200	8	< 5	1	9	0.19	< 10	< 10	77	< 10	32
L4S 200W	201 298	< 1	0.01	14	320	4	< 5	2	9	0.12	< 10	< 10	41	< 10	38
L4S 250W	201 298	< 1	< 0.01	11	310	6	< 5	1	8	0.11	< 10	< 10	40	< 10	36
L4S 300W	201 298	< 1	< 0.01	16	290	6	< 5	1	6	0.08	< 10	< 10	26	< 10	48
L4S 350W	201 298	< 1	0.01	48	540	76	< 5	3	9	0.07	< 10	< 10	25	< 10	338
L4S 400W	201 298	< 1	< 0.01	11	200	16	< 5	< 1	8	0.05	< 10	< 10	14	< 10	42
L4S 450W	201 298	< 1	0.01	16	650	6	< 5	2	8	0.09	< 10	< 10	41	< 10	64
L4S 500W	201 298	4	0.01	4	760	22	< 5	2	7	0.21	< 10	< 10	190	< 10	34
L4S 550W	201 298	< 1	< 0.01	6	480	12	< 5	1	7	0.24	< 10	< 10	175	< 10	24
L4S 600W	201 298	1	0.01	4	190	10	< 5	1	5	0.10	< 10	< 10	53	< 10	26
L4S 650W	201 298	1	< 0.01	2	210	16	< 5	1	4	0.15	< 10	< 10	102	< 10	18
L4S 700W	201 298	< 1	< 0.01	10	160	4	< 5	1	6	0.09	< 10	< 10	34	< 10	56
L4S 750W	201 298	6	< 0.01	11	130	20	< 5	1	9	0.05	< 10	< 10	16	< 10	38
L4S 800W	201 298	< 1	< 0.01	9	320	12	< 5	1	7	0.10	< 10	< 10	46	< 10	48
L4S 850W	201 298	< 1	< 0.01	14	380	8	< 5	2	9	0.14	< 10	< 10	53	< 10	62
L4S 950W	201 298	2	< 0.01	5	180	18	< 5	1	9	0.12	< 10	< 10	36	< 10	24
L4S 1000W	201 298	1	< 0.01	6	250	22	< 5	1	12	0.16	< 10	< 10	27	< 10	20
L4S 1050W	201 298	1	< 0.01	5	120	18	< 5	1	8	0.11	< 10	< 10	13	< 10	14
L4S 1100W	201 298	< 1	< 0.01	2	70	12	< 5	< 1	5	0.11	< 10	< 10	29	< 10	10

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :I9116122
P.O. Number

CERTIFICATE OF ANALYSIS A9116122

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L4S	1150W	201	298	< 5	0.2	2.04	5	20	0.5	< 2	0.11	< 0.5	2	31	8	1.80	10	< 1	0.02	10	0.14	75
L4S	1200W	201	298	< 5	< 0.2	1.90	5	20	0.5	< 2	0.11	< 0.5	2	33	12	2.64	10	< 1	0.02	10	0.13	75
L4S	1250W	201	298	< 5	0.4	1.55	10	20	0.5	< 2	0.13	< 0.5	5	40	15	2.45	10	< 1	0.02	10	0.29	125
L4S	1300W	201	298	< 5	< 0.2	0.66	< 5	10	< 0.5	< 2	0.12	< 0.5	2	19	7	0.69	< 10	< 1	0.02	< 10	0.17	65
L4S	1350W	201	298	< 5	< 0.2	0.69	< 5	10	< 0.5	< 2	0.13	< 0.5	2	21	7	0.73	< 10	< 1	0.01	< 10	0.23	75
L6S	100E	201	298	< 5	0.2	0.49	< 5	30	< 0.5	< 2	0.15	< 0.5	3	16	28	1.77	< 10	< 1	0.02	< 10	0.08	170
L6S	150E	201	298	< 5	0.4	1.02	5	20	0.5	< 2	0.11	< 0.5	2	31	20	2.49	< 10	< 1	0.01	< 10	0.15	105
L6S	200E	201	298	< 5	0.6	1.89	10	30	1.5	< 2	0.11	< 0.5	20	26	23	3.74	< 10	< 1	0.01	20	0.28	2940
L6S	250E	201	298	< 5	0.6	2.27	5	10	1.0	< 2	0.13	< 0.5	6	55	17	3.25	< 10	< 1	0.03	< 10	0.62	235
L6S	300E	201	298	10	< 0.2	0.39	< 5	10	< 0.5	< 2	0.10	< 0.5	< 1	11	9	0.82	< 10	< 1	0.01	< 10	0.04	40
L6S	100W	201	298	< 5	0.6	1.18	10	10	1.0	< 2	0.09	< 0.5	1	40	8	4.34	10	< 1	0.01	< 10	0.15	60
L6S	150W	201	298	< 5	< 0.2	1.80	5	20	0.5	< 2	0.10	< 0.5	3	35	11	1.70	< 10	< 1	0.02	10	0.20	65
L6S	200W	201	298	< 5	0.2	2.09	10	20	0.5	< 2	0.14	< 0.5	5	41	11	1.67	< 10	< 1	0.02	10	0.29	105
L6S	400W	201	298	< 5	0.2	1.57	5	20	0.5	< 2	0.10	< 0.5	5	30	33	2.77	< 10	< 1	0.01	< 10	0.20	100
L6S	450W	201	298	< 5	< 0.2	0.31	5	10	< 0.5	< 2	0.05	< 0.5	< 1	7	6	0.43	< 10	< 1	< 0.01	< 10	0.03	30
L6S	500W	201	298	< 5	< 0.2	0.83	< 5	20	< 0.5	< 2	0.09	< 0.5	1	12	5	0.94	< 10	< 1	0.02	< 10	0.07	50
L6S	550W	201	298	< 5	< 0.2	2.10	< 5	20	0.5	< 2	0.14	< 0.5	6	33	7	1.55	< 10	< 1	0.02	10	0.24	165
L6S	600W	201	298	< 5	< 0.2	1.25	5	10	0.5	< 2	0.13	< 0.5	4	30	13	1.58	< 10	< 1	0.01	< 10	0.28	105
L6S	650W	201	298	< 5	< 0.2	1.28	< 5	20	0.5	< 2	0.08	< 0.5	3	24	6	1.69	< 10	< 1	0.01	< 10	0.17	80
L6S	700W	201	298	< 5	< 0.2	1.28	5	20	0.5	< 2	0.06	< 0.5	2	22	6	1.95	< 10	< 1	0.01	< 10	0.15	70
L6S	850W	201	298	< 5	< 0.2	0.71	< 5	20	< 0.5	< 2	0.11	< 0.5	1	19	23	0.29	< 10	< 1	< 0.01	10	0.06	25
L6S	900W	201	298	< 5	< 0.2	1.14	< 5	50	0.5	< 2	0.25	< 0.5	3	34	34	0.79	< 10	< 1	0.02	20	0.22	80
L6S	950W	201	298	< 5	< 0.2	0.97	< 5	40	< 0.5	< 2	0.29	< 0.5	4	28	10	0.93	< 10	< 1	0.02	10	0.35	120
L6S	1000W	201	298	< 5	< 0.2	0.39	< 5	20	< 0.5	< 2	0.09	< 0.5	1	14	5	0.31	< 10	< 1	0.02	< 10	0.04	30
L6S	1050W	201	298	5	< 0.2	0.87	< 5	20	< 0.5	< 2	0.16	< 0.5	3	25	14	0.81	< 10	< 1	0.02	10	0.22	80
L6S	1100W	201	298	< 5	0.2	1.79	5	20	0.5	< 2	0.09	< 0.5	1	30	8	1.85	10	< 1	0.01	< 10	0.09	70
L6S	1150W	201	298	< 5	0.2	1.54	5	90	0.5	2	0.13	< 0.5	5	28	8	2.14	10	< 1	0.03	< 10	0.19	300
L6S	1200W	201	298	< 5	0.2	0.92	10	30	0.5	< 2	0.12	< 0.5	3	27	7	2.81	10	< 1	0.02	< 10	0.15	265
L6S	1250W	201	298	< 5	< 0.2	0.59	< 5	20	< 0.5	< 2	0.07	< 0.5	< 1	16	6	1.09	< 10	< 1	0.02	< 10	0.05	50
L6S	1300W	201	298	< 5	< 0.2	1.16	5	20	0.5	< 2	0.16	< 0.5	3	23	17	0.68	< 10	< 1	0.01	10	0.23	75
L6S	1350W	201	298	< 5	< 0.2	0.59	< 5	20	< 0.5	< 2	0.08	< 0.5	1	13	5	1.06	< 10	< 1	0.01	< 10	0.08	40
L6S	1400W	201	298	< 5	0.2	1.32	< 5	30	0.5	< 2	0.07	< 0.5	3	21	4	1.46	< 10	< 1	0.02	< 10	0.12	165
L6S	1450W	201	298	< 5	< 0.2	0.46	5	30	< 0.5	< 2	0.06	< 0.5	< 1	15	10	1.46	< 10	< 1	0.02	< 10	0.07	85
L6S	1500W	201	298	< 5	< 0.2	1.38	< 5	20	0.5	< 2	0.07	< 0.5	3	26	11	1.69	< 10	< 1	0.01	10	0.18	70
L8S	0+50E	201	298	< 5	0.2	2.40	< 5	20	0.5	< 2	0.08	< 0.5	7	32	5	1.87	< 10	< 1	0.02	< 10	0.20	80
L8S	100E	201	298	< 5	< 0.2	2.04	< 5	20	0.5	< 2	0.10	< 0.5	5	34	17	2.32	< 10	< 1	0.01	< 10	0.22	90
L8S	150E	201	298	< 5	< 0.2	1.34	5	20	0.5	< 2	0.08	< 0.5	2	23	8	1.70	< 10	< 1	0.01	< 10	0.12	65
L8S	200E	201	298	< 5	< 0.2	1.30	5	20	0.5	2	0.09	< 0.5	3	25	10	1.41	< 10	< 1	0.02	< 10	0.17	75
L8S	300E	201	298	< 5	0.2	0.97	< 5	20	0.5	< 2	0.08	< 0.5	1	16	7	1.48	< 10	< 1	0.02	< 10	0.06	60
L8S	350E	201	298	< 5	0.2	1.92	5	20	0.5	< 2	0.11	< 0.5	4	38	12	2.15	< 10	< 1	0.02	< 10	0.18	95

CERTIFICATION: B. Caghi

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :I9116122
P.O. Number

CERTIFICATE OF ANALYSIS A9116122

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L4S	1150W	201	298	< 1	0.01	6	290	6	< 5	2	8	0.09	< 10	< 10	30	< 10	54
L4S	1200W	201	298	< 1	< 0.01	10	340	10	< 5	2	9	0.13	< 10	< 10	49	< 10	28
L4S	1250W	201	298	< 1	0.01	14	300	8	< 5	2	8	0.12	< 10	< 10	40	< 10	34
L4S	1300W	201	298	< 1	< 0.01	6	100	8	< 5	1	10	0.09	< 10	< 10	19	< 10	26
L4S	1350W	201	298	< 1	< 0.01	10	70	6	< 5	1	9	0.10	< 10	< 10	19	< 10	22
L6S	100E	201	298	1	0.01	9	400	30	< 5	1	5	0.13	< 10	< 10	58	< 10	72
L6S	150E	201	298	< 1	< 0.01	15	590	12	< 5	1	6	0.07	< 10	< 10	41	< 10	74
L6S	200E	201	298	1	< 0.01	44	530	16	< 5	3	4	0.04	< 10	< 10	23	< 10	164
L6S	250E	201	298	2	< 0.01	23	220	22	< 5	2	6	0.14	< 10	< 10	66	< 10	78
L6S	300E	201	298	< 1	< 0.01	2	220	26	< 5	< 1	5	0.09	< 10	< 10	42	< 10	18
L6S	100W	201	298	< 1	< 0.01	10	310	8	< 5	1	7	0.16	< 10	< 10	80	< 10	30
L6S	150W	201	298	< 1	0.01	13	160	6	< 5	2	8	0.10	< 10	< 10	33	< 10	26
L6S	200W	201	298	< 1	0.01	17	220	4	< 5	2	11	0.11	< 10	< 10	34	< 10	22
L6S	400W	201	298	1	< 0.01	11	240	8	< 5	1	7	0.12	< 10	< 10	49	< 10	44
L6S	450W	201	298	< 1	< 0.01	3	100	6	< 5	< 1	5	0.05	< 10	< 10	16	< 10	24
L6S	500W	201	298	< 1	< 0.01	7	150	14	< 5	1	9	0.08	< 10	< 10	24	< 10	32
L6S	550W	201	298	< 1	0.01	21	420	6	< 5	2	9	0.09	< 10	< 10	28	< 10	52
L6S	600W	201	298	< 1	< 0.01	16	260	6	< 5	1	8	0.09	< 10	< 10	32	< 10	36
L6S	650W	201	298	< 1	< 0.01	14	220	8	< 5	1	6	0.08	< 10	< 10	30	< 10	40
L6S	700W	201	298	< 1	< 0.01	8	140	8	< 5	1	5	0.11	< 10	< 10	44	< 10	30
L6S	850W	201	298	< 1	< 0.01	6	160	4	< 5	2	8	0.06	< 10	< 10	13	< 10	12
L6S	900W	201	298	< 1	0.01	13	320	14	< 5	4	16	0.09	< 10	< 10	25	< 10	24
L6S	950W	201	298	< 1	0.01	15	460	6	< 5	3	15	0.12	< 10	< 10	29	< 10	28
L6S	1000W	201	298	< 1	< 0.01	4	200	12	< 5	1	10	0.07	< 10	< 10	12	< 10	18
L6S	1050W	201	298	< 1	< 0.01	9	490	14	< 5	1	11	0.06	< 10	< 10	21	< 10	36
L6S	1100W	201	298	< 1	< 0.01	6	260	14	< 5	2	8	0.13	< 10	< 10	48	< 10	32
L6S	1150W	201	298	< 1	< 0.01	10	200	6	< 5	2	10	0.12	< 10	< 10	39	< 10	102
L6S	1200W	201	298	< 1	< 0.01	9	210	8	< 5	1	9	0.17	< 10	< 10	66	< 10	50
L6S	1250W	201	298	< 1	< 0.01	5	140	14	< 5	1	8	0.09	< 10	< 10	34	< 10	24
L6S	1300W	201	298	< 1	0.01	11	170	6	< 5	2	10	0.08	< 10	< 10	19	< 10	26
L6S	1350W	201	298	< 1	< 0.01	6	130	10	< 5	1	9	0.09	< 10	< 10	36	< 10	12
L6S	1400W	201	298	< 1	< 0.01	10	200	8	< 5	1	6	0.08	< 10	< 10	27	< 10	28
L6S	1450W	201	298	< 1	< 0.01	7	180	16	< 5	1	6	0.11	< 10	< 10	47	< 10	22
L6S	1500W	201	298	< 1	< 0.01	11	230	6	< 5	2	5	0.09	< 10	< 10	38	< 10	26
L8S	0+50E	201	298	< 1	< 0.01	19	370	12	< 5	2	5	0.08	< 10	< 10	30	< 10	36
L8S	100E	201	298	< 1	< 0.01	18	390	14	< 5	2	7	0.09	< 10	< 10	35	< 10	48
L8S	150E	201	298	1	< 0.01	9	350	4	< 5	1	5	0.07	< 10	< 10	32	< 10	32
L8S	200E	201	298	< 1	< 0.01	12	420	6	< 5	1	7	0.07	< 10	< 10	29	< 10	24
L8S	300E	201	298	< 1	< 0.01	8	320	8	< 5	1	6	0.07	< 10	< 10	35	< 10	22
L8S	350E	201	298	< 1	0.01	13	420	6	< 5	3	7	0.09	< 10	< 10	39	< 10	42

CERTIFICATION: B. Caplan

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :1-A
Total Pages :3
Certificate Date: 17-JUN-91
Invoice No. :19116122
P.O. Number :

CERTIFICATE OF ANALYSIS A9116122

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L0	100W	201	298	< 5	0.4	0.62	< 5	10	< 0.5	< 2	0.03	< 0.5	< 1	13	5	1.09	< 10	1	0.01	< 10	0.04	25
L0	150W	201	298	< 5	0.2	1.28	10	20	< 0.5	< 2	0.11	< 0.5	4	26	19	1.29	< 10	< 1	0.02	10	0.22	80
L0	200W	201	298	< 5	< 0.2	0.92	< 5	20	< 0.5	< 2	0.08	< 0.5	2	21	10	1.19	< 10	< 1	0.02	< 10	0.11	330
L0	250W	201	298	< 5	0.2	1.41	5	40	< 0.5	< 2	0.12	< 0.5	5	32	6	1.51	< 10	< 1	0.02	10	0.28	415
L0	300W	201	298	< 5	0.2	0.36	< 5	10	< 0.5	< 2	0.06	< 0.5	< 1	6	< 1	0.27	< 10	< 1	< 0.01	10	0.02	25
L0	350W	201	298	< 5	0.4	2.06	< 5	40	0.5	< 2	0.17	< 0.5	9	37	12	2.22	10	< 1	0.03	< 10	0.33	280
L0	400W	201	298	< 5	0.2	1.05	< 5	20	< 0.5	< 2	0.11	< 0.5	2	22	4	1.45	< 10	1	0.01	10	0.13	95
L0	450W	201	298	< 5	0.4	1.18	< 5	20	< 0.5	< 2	0.16	< 0.5	5	32	6	1.92	< 10	1	0.03	< 10	0.23	175
L0	500W	201	298	< 5	< 0.2	1.15	< 5	20	< 0.5	< 2	0.12	< 0.5	2	22	2	1.56	< 10	< 1	0.02	< 10	0.11	70
L0	550W	201	298	< 5	< 0.2	1.81	5	20	< 0.5	< 2	0.14	< 0.5	4	34	2	2.10	< 10	< 1	0.02	< 10	0.17	130
L0	600W	201	298	< 5	0.2	2.37	< 5	30	< 0.5	< 2	0.15	< 0.5	6	38	11	2.21	10	< 1	0.02	< 10	0.26	130
L0	700W	201	298	< 5	0.2	1.63	< 5	40	< 0.5	< 2	0.16	< 0.5	3	33	12	2.06	10	< 1	0.03	< 10	0.22	150
L0	750W	201	298	< 5	0.2	2.60	< 5	30	0.5	< 2	0.14	< 0.5	5	39	5	2.21	10	< 1	0.02	< 10	0.24	100
L0	800W	201	298	< 5	0.2	0.98	5	20	< 0.5	< 2	0.09	< 0.5	2	22	4	1.39	< 10	< 1	0.01	< 10	0.10	110
L0	850W	201	298	< 5	0.2	3.06	< 5	10	0.5	< 2	0.11	< 0.5	3	43	9	2.11	< 10	< 1	0.01	< 10	0.18	85
L0	900W	201	298	< 5	< 0.2	1.57	< 5	10	< 0.5	< 2	0.14	< 0.5	3	36	33	2.54	10	< 1	0.01	10	0.23	95
L0	950W	201	298	< 5	0.2	1.97	10	20	< 0.5	< 2	0.10	< 0.5	3	46	9	3.52	10	< 1	0.01	< 10	0.19	100
L0	1000W	201	298	< 5	0.4	1.35	< 5	20	0.5	< 2	0.20	< 0.5	7	33	48	0.81	< 10	< 1	0.02	10	0.25	80
L0	1050W	201	298	5	0.4	0.86	< 5	20	< 0.5	< 2	0.16	< 0.5	4	32	11	0.85	< 10	< 1	0.02	10	0.28	90
L0	1150W	201	298	10	0.2	1.65	< 5	50	< 0.5	< 2	0.17	< 0.5	10	60	23	4.11	10	< 1	0.04	< 10	0.60	570
L0	1200W	201	298	< 5	< 0.2	1.99	< 5	20	< 0.5	< 2	0.13	< 0.5	3	32	11	1.75	< 10	< 1	0.01	10	0.23	95
L0	1250W	201	298	< 5	< 0.2	1.06	< 5	20	< 0.5	< 2	0.14	< 0.5	3	31	8	2.41	10	< 1	0.02	< 10	0.32	120
L0	1300W	201	298	< 5	0.2	1.07	< 5	20	< 0.5	< 2	0.11	< 0.5	2	26	6	1.26	< 10	< 1	0.02	< 10	0.15	85
L0	1350W	201	298	< 5	< 0.2	0.42	< 5	10	< 0.5	< 2	0.12	< 0.5	1	14	6	1.19	10	< 1	0.03	10	0.11	50
L0	1400W	201	298	< 5	< 0.2	1.69	< 5	20	1.0	< 2	0.10	< 0.5	3	27	9	1.62	10	< 1	0.02	30	0.18	65
L0	1450W	201	298	< 5	< 0.2	0.50	< 5	< 10	< 0.5	< 2	0.11	< 0.5	< 1	11	1	0.29	10	< 1	0.01	10	0.06	40
L2N	100W	201	298	< 5	< 0.2	0.27	< 5	10	< 0.5	< 2	0.06	< 0.5	< 1	6	1	0.39	< 10	< 1	0.01	< 10	0.01	25
L2N	200W	201	298	< 5	0.2	0.41	< 5	10	< 0.5	< 2	0.07	< 0.5	< 1	9	4	0.43	< 10	< 1	0.02	10	0.02	35
L2N	250W	201	298	< 5	< 0.2	0.34	< 5	20	< 0.5	< 2	0.09	< 0.5	1	9	1	0.54	< 10	< 1	0.01	< 10	0.05	35
L2N	300W	201	298	< 5	< 0.2	1.26	10	20	< 0.5	< 2	0.10	< 0.5	5	27	5	1.27	< 10	< 1	0.01	< 10	0.23	80
L2N	350W	201	298	< 5	< 0.2	1.14	< 5	20	< 0.5	< 2	0.13	< 0.5	2	27	6	1.57	< 10	< 1	0.01	< 10	0.17	75
L2N	450W	201	298	< 5	< 0.2	0.29	< 5	10	< 0.5	< 2	0.03	< 0.5	1	13	3	0.90	< 10	< 1	0.02	< 10	0.03	315
L2N	500W	201	298	< 5	< 0.2	1.40	< 5	20	< 0.5	< 2	0.09	< 0.5	9	28	7	1.31	< 10	< 1	0.02	< 10	0.24	85
L2N	550W	201	298	< 5	< 0.2	0.33	< 5	10	< 0.5	< 2	0.04	< 0.5	1	9	6	0.80	< 10	< 1	0.02	< 10	0.05	25
L2N	650W	201	298	< 5	< 0.2	1.90	< 5	30	< 0.5	< 2	0.09	< 0.5	7	33	10	1.57	< 10	< 1	0.02	< 10	0.24	190
L2N	700W	201	298	< 5	< 0.2	0.11	< 5	< 10	< 0.5	< 2	0.01	< 0.5	< 1	4	1	0.14	< 10	< 1	0.01	10	< 0.01	15
L2N	750W	201	298	< 5	< 0.2	1.96	< 5	20	0.5	< 2	0.07	< 0.5	2	29	23	2.02	< 10	< 1	0.01	< 10	0.11	65
L2S	150W	201	298	< 5	< 0.2	1.02	5	50	0.5	< 2	0.35	< 0.5	4	36	40	0.78	< 10	1	0.01	70	0.25	85
L2S	200W	201	298	< 5	0.2	1.77	< 5	30	< 0.5	< 2	0.15	< 0.5	2	39	18	3.62	10	< 1	0.02	< 10	0.21	65
L2S	250W	201	298	< 5	< 0.2	1.55	< 5	30	< 0.5	< 2	0.14	< 0.5	5	27	4	1.49	< 10	< 1	0.03	10	0.17	80

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :I9116122
P.O. Number :

CERTIFICATE OF ANALYSIS A9116122

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L0	100W	201	298	< 1	< 0.01	5	120	2	< 5	1	5	0.06	< 10	< 10	36	< 10	14
L0	150W	201	298	< 1	< 0.01	15	260	8	< 5	2	7	0.09	< 10	< 10	27	< 10	26
L0	200W	201	298	< 1	< 0.01	10	700	< 2	< 5	1	7	0.04	< 10	< 10	21	< 10	40
L0	250W	201	298	< 1	< 0.01	15	820	2	< 5	2	8	0.05	< 10	< 10	24	< 10	48
L0	300W	201	298	< 1	< 0.01	1	60	2	< 5	< 1	6	0.05	< 10	< 10	9	< 10	8
L0	350W	201	298	< 1	0.01	22	680	6	< 5	3	10	0.09	< 10	< 10	40	< 10	36
L0	400W	201	298	< 1	< 0.01	8	330	4	< 5	2	9	0.09	< 10	< 10	27	< 10	24
L0	450W	201	298	< 1	< 0.01	16	420	4	< 5	2	11	0.10	< 10	< 10	32	< 10	28
L0	500W	201	298	< 1	< 0.01	7	280	< 2	< 5	1	10	0.09	< 10	< 10	29	< 10	20
L0	550W	201	298	< 1	0.01	14	770	2	< 5	2	11	0.10	< 10	< 10	36	< 10	28
L0	600W	201	298	< 1	0.01	19	420	8	< 5	3	10	0.11	< 10	< 10	35	< 10	26
L0	700W	201	298	< 1	0.01	18	570	8	< 5	2	12	0.10	< 10	< 10	33	< 10	50
L0	750W	201	298	< 1	0.01	19	530	4	< 5	3	9	0.10	< 10	< 10	36	< 10	34
L0	800W	201	298	< 1	< 0.01	7	190	4	< 5	1	8	0.08	< 10	< 10	33	< 10	26
L0	850W	201	298	< 1	0.01	12	640	2	< 5	3	8	0.09	< 10	< 10	32	< 10	38
L0	900W	201	298	< 1	0.01	12	340	2	< 5	2	10	0.10	< 10	< 10	33	< 10	28
L0	950W	201	298	< 1	0.01	14	290	4	< 5	2	7	0.16	< 10	< 10	56	< 10	36
L0	1000W	201	298	< 1	0.01	18	380	6	< 5	2	10	0.07	< 10	< 10	19	< 10	26
L0	1050W	201	298	< 1	< 0.01	15	220	6	< 5	1	10	0.09	< 10	< 10	23	< 10	30
L0	1150W	201	298	1	0.01	27	690	8	< 5	3	10	0.23	< 10	< 10	86	< 10	80
L0	1200W	201	298	< 1	0.01	14	700	8	< 5	2	8	0.08	< 10	< 10	27	< 10	38
L0	1250W	201	298	< 1	< 0.01	14	590	6	< 5	2	9	0.13	< 10	< 10	58	< 10	36
L0	1300W	201	298	< 1	< 0.01	11	260	6	< 5	1	8	0.07	< 10	< 10	25	< 10	20
L0	1350W	201	298	< 1	< 0.01	7	150	10	< 5	1	11	0.21	< 10	< 10	48	< 10	22
L0	1400W	201	298	< 1	< 0.01	13	160	8	< 5	2	9	0.10	< 10	< 10	35	< 10	18
L0	1450W	201	298	1	< 0.01	3	60	12	< 5	1	13	0.12	< 10	< 10	14	< 10	10
L2N	100W	201	298	< 1	< 0.01	3	70	6	< 5	< 1	7	0.06	< 10	< 10	14	< 10	8
L2N	200W	201	298	< 1	< 0.01	1	180	6	< 5	1	9	0.07	< 10	< 10	13	< 10	12
L2N	250W	201	298	< 1	< 0.01	4	290	2	< 5	1	7	0.05	< 10	< 10	13	< 10	14
L2N	300W	201	298	< 1	< 0.01	16	240	6	< 5	2	6	0.07	< 10	< 10	24	< 10	16
L2N	350W	201	298	< 1	< 0.01	14	260	4	< 5	1	10	0.07	< 10	< 10	28	< 10	24
L2N	450W	201	298	< 1	< 0.01	6	140	6	< 5	< 1	3	0.09	< 10	< 10	40	< 10	8
L2N	500W	201	298	< 1	< 0.01	15	180	6	< 5	2	6	0.07	< 10	< 10	25	< 10	20
L2N	550W	201	298	< 1	< 0.01	4	110	10	< 5	< 1	4	0.06	< 10	< 10	24	< 10	16
L2N	650W	201	298	< 1	< 0.01	18	440	4	< 5	2	6	0.08	< 10	< 10	29	< 10	38
L2N	700W	201	298	< 1	< 0.01	< 1	50	4	< 5	< 1	1	0.02	< 10	< 10	4	< 10	6
L2N	750W	201	298	< 1	< 0.01	8	420	10	< 5	2	5	0.07	< 10	< 10	33	< 10	20
L2S	150W	201	298	< 1	0.01	12	450	6	< 5	7	14	0.06	10	< 10	21	< 10	18
L2S	200W	201	298	1	0.01	14	290	14	< 5	2	10	0.17	< 10	< 10	62	< 10	30
L2S	250W	201	298	< 1	0.01	14	220	4	< 5	2	10	0.08	< 10	< 10	22	< 10	26

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :2-A
Total Pages :3
Certificate Date: 17-JUN-91
Invoice No. :19116122
P.O. Number

CERTIFICATE OF ANALYSIS A9116122

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L2S 300W	201	298	< 5	< 0.2	0.54	10	30	< 0.5	< 2	0.10	< 0.5	2	13	11	0.71	< 10	< 1	0.02	< 10	0.06	115
L2S 400W	201	298	< 5	< 0.2	0.88	5	30	< 0.5	< 2	0.10	< 0.5	3	26	13	1.13	< 10	< 1	0.01	< 10	0.31	100
L2S 450W	201	298	< 5	0.2	1.26	10	30	< 0.5	< 2	0.08	< 0.5	4	35	7	2.25	< 10	< 1	0.02	< 10	0.26	80
L2S 500W	201	298	< 5	< 0.2	0.53	< 5	20	< 0.5	< 2	0.07	< 0.5	5	14	8	0.85	< 10	< 1	0.03	< 10	0.11	325
L2S 550W	201	298	< 5	< 0.2	1.97	5	20	0.5	< 2	0.11	< 0.5	6	37	13	2.14	< 10	< 1	0.02	10	0.29	95
L2S 600W	201	298	60	0.2	2.17	< 5	20	0.5	< 2	0.15	< 0.5	2	33	5	2.06	< 10	< 1	0.02	< 10	0.12	60
L2S 650W	201	298	< 5	< 0.2	1.42	< 5	20	< 0.5	< 2	0.16	< 0.5	5	32	16	1.73	< 10	< 1	0.02	10	0.29	95
L2S 700W	201	298	5	< 0.2	1.40	10	20	< 0.5	< 2	0.15	< 0.5	4	33	10	1.71	< 10	< 1	0.02	10	0.24	90
L2S 750W	201	298	< 5	0.2	1.39	5	10	< 0.5	< 2	0.13	< 0.5	3	34	9	2.67	< 10	< 1	0.03	< 10	0.24	105
L2S 800W	201	298	< 5	< 0.2	0.58	< 5	10	< 0.5	< 2	0.08	< 0.5	1	18	5	1.42	< 10	< 1	0.02	< 10	0.09	70
L2S 850W	201	298	10	0.2	0.92	< 5	20	< 0.5	< 2	0.07	< 0.5	1	23	5	1.85	< 10	< 1	0.02	< 10	0.10	75
L2S 950W	201	298	< 5	< 0.2	1.12	< 5	50	< 0.5	< 2	0.13	< 0.5	4	33	17	0.77	< 10	< 1	0.02	10	0.19	55
L2S 1050W	201	298	5	< 0.2	0.93	< 5	10	< 0.5	< 2	0.18	< 0.5	4	28	13	1.10	< 10	< 1	0.01	10	0.31	105
L2S 1100W	201	298	< 5	< 0.2	0.60	< 5	10	< 0.5	< 2	0.12	< 0.5	2	19	7	0.69	< 10	< 1	0.02	10	0.16	65
L2S 1150W	201	298	5	0.2	1.02	10	20	< 0.5	< 2	0.15	< 0.5	3	44	15	3.51	10	< 1	0.03	< 10	0.27	115
L2S 1250W	201	298	< 5	0.2	2.36	< 5	40	0.5	< 2	0.12	< 0.5	5	38	5	1.88	< 10	< 1	0.02	10	0.18	65
L4S 0+50E	201	298	< 5	< 0.2	1.99	< 5	10	< 0.5	< 2	0.09	< 0.5	4	30	10	1.50	< 10	< 1	0.01	< 10	0.26	85
L4S 100E	201	298	< 5	0.2	1.91	5	30	0.5	< 2	0.08	< 0.5	5	51	17	3.15	< 10	< 1	0.01	< 10	0.31	110
L4S 0+00	201	298	< 5	< 0.2	0.89	5	20	< 0.5	< 2	0.05	< 0.5	1	34	8	3.30	< 10	< 1	0.01	< 10	0.17	65
L4S 0+50W	201	298	< 5	< 0.2	0.90	< 5	20	< 0.5	< 2	0.06	< 0.5	3	30	9	2.13	< 10	< 1	0.02	< 10	0.22	70
L4S 100W	201	298	< 5	0.2	2.23	5	30	0.5	< 2	0.10	< 0.5	5	40	9	1.90	< 10	< 1	0.03	10	0.21	80
L4S 150W	201	298	< 5	0.4	0.98	10	30	0.5	< 2	0.11	< 0.5	3	37	9	2.98	10	< 1	0.03	< 10	0.21	110
L4S 200W	201	298	< 5	0.4	1.66	< 5	30	0.5	< 2	0.14	< 0.5	6	38	6	2.25	< 10	< 1	0.02	10	0.23	165
L4S 250W	201	298	< 5	0.2	1.01	5	20	0.5	< 2	0.13	< 0.5	6	30	5	1.85	< 10	< 1	0.02	< 10	0.22	290
L4S 300W	201	298	< 5	< 0.2	1.44	< 5	20	0.5	< 2	0.09	< 0.5	4	32	6	1.22	< 10	< 1	0.02	< 10	0.21	80
L4S 350W	201	298	< 5	0.6	1.68	< 5	30	0.5	< 2	0.15	< 0.5	8	34	85	2.06	< 10	< 1	0.04	10	0.22	160
L4S 400W	201	298	< 5	< 0.2	0.35	5	30	< 0.5	< 2	0.09	< 0.5	1	9	13	0.52	< 10	< 1	0.01	< 10	0.05	55
L4S 450W	201	298	< 5	0.6	2.42	< 5	20	0.5	< 2	0.11	< 0.5	3	40	11	2.32	< 10	< 1	0.02	< 10	0.20	105
L4S 500W	201	298	< 5	0.4	0.62	10	20	0.5	< 2	0.15	< 0.5	< 1	23	10	3.09	10	< 1	0.02	< 10	0.08	70
L4S 550W	201	298	< 5	0.2	0.66	10	20	0.5	< 2	0.09	< 0.5	< 1	23	8	2.41	20	< 1	0.02	< 10	0.08	45
L4S 600W	201	298	< 5	< 0.2	0.52	5	30	< 0.5	< 2	0.12	< 0.5	1	14	9	1.17	< 10	< 1	0.03	< 10	0.10	60
L4S 650W	201	298	< 5	< 0.2	0.43	< 5	10	< 0.5	< 2	0.04	< 0.5	< 1	15	3	1.49	10	< 1	0.02	< 10	0.04	35
L4S 700W	201	298	< 5	0.2	1.32	5	20	0.5	< 2	0.08	< 0.5	3	26	3	1.67	< 10	< 1	0.02	< 10	0.14	100
L4S 750W	201	298	< 5	< 0.2	0.43	< 5	20	< 0.5	< 2	0.13	< 0.5	8	13	12	0.47	< 10	< 1	0.02	10	0.07	425
L4S 800W	201	298	15	< 0.2	1.68	5	20	0.5	< 2	0.09	< 0.5	1	27	7	2.28	10	< 1	0.02	< 10	0.12	70
L4S 850W	201	298	< 5	0.2	1.99	< 5	30	0.5	< 2	0.12	< 0.5	5	34	8	2.47	10	< 1	0.02	< 10	0.39	230
L4S 950W	201	298	< 5	< 0.2	0.49	< 5	20	< 0.5	< 2	0.06	< 0.5	1	13	14	0.70	< 10	< 1	0.02	10	0.05	55
L4S 1000W	201	298	< 5	< 0.2	0.44	< 5	10	< 0.5	< 2	0.12	< 0.5	1	16	9	0.59	< 10	< 1	0.02	10	0.08	50
L4S 1050W	201	298	< 5	< 0.2	0.34	< 5	20	< 0.5	< 2	0.09	< 0.5	< 1	12	19	0.28	< 10	< 1	0.01	10	0.02	30
L4S 1100W	201	298	< 5	< 0.2	0.38	< 5	10	< 0.5	< 2	0.06	< 0.5	< 1	8	4	0.54	< 10	< 1	0.01	< 10	0.02	30

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :I9116122
P.O. Number

CERTIFICATE OF ANALYSIS A9116122

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L2S	300W	201	298	< 1	< 0.01	10	120	6	< 5	1	10	0.06	< 10	< 10	17	< 10	16
L2S	400W	201	298	< 1	< 0.01	14	80	8	< 5	1	7	0.07	< 10	< 10	24	< 10	20
L2S	450W	201	298	< 1	< 0.01	16	160	4	< 5	1	5	0.09	< 10	< 10	36	< 10	24
L2S	500W	201	298	1	< 0.01	6	170	14	< 5	1	6	0.06	< 10	< 10	30	< 10	32
L2S	550W	201	298	< 1	0.01	17	290	8	< 5	2	6	0.09	< 10	< 10	29	< 10	22
L2S	600W	201	298	< 1	< 0.01	11	270	8	< 5	2	10	0.09	< 10	< 10	27	< 10	30
L2S	650W	201	298	< 1	0.01	18	220	8	< 5	2	10	0.10	< 10	< 10	30	< 10	24
L2S	700W	201	298	< 1	0.01	16	170	6	< 5	2	12	0.11	< 10	< 10	32	< 10	24
L2S	750W	201	298	< 1	< 0.01	12	340	10	< 5	2	8	0.12	< 10	< 10	40	< 10	28
L2S	800W	201	298	< 1	< 0.01	5	170	12	< 5	1	7	0.09	< 10	< 10	37	< 10	26
L2S	850W	201	298	< 1	< 0.01	8	150	10	< 5	1	6	0.08	< 10	< 10	29	< 10	28
L2S	950W	201	298	< 1	< 0.01	17	320	8	< 5	1	9	0.05	< 10	< 10	16	< 10	28
L2S	1050W	201	298	< 1	< 0.01	15	250	8	< 5	1	10	0.10	< 10	< 10	27	< 10	26
L2S	1100W	201	298	< 1	< 0.01	8	140	12	< 5	1	10	0.12	< 10	< 10	24	< 10	24
L2S	1150W	201	298	< 1	0.01	16	240	16	< 5	1	13	0.24	< 10	< 10	88	< 10	40
L2S	1250W	201	298	< 1	0.01	18	230	6	< 5	2	10	0.11	< 10	< 10	32	< 10	30
L4S	0+50E	201	298	< 1	< 0.01	17	220	4	< 5	2	4	0.08	< 10	< 10	28	< 10	20
L4S	100E	201	298	< 1	< 0.01	20	200	8	< 5	2	5	0.12	< 10	< 10	61	< 10	30
L4S	0+00	201	298	< 1	< 0.01	9	220	8	< 5	1	4	0.16	< 10	< 10	85	< 10	28
L4S	0+50W	201	298	< 1	< 0.01	13	120	6	< 5	1	4	0.13	< 10	< 10	46	< 10	20
L4S	100W	201	298	< 1	< 0.01	19	250	8	< 5	2	8	0.09	< 10	< 10	35	< 10	32
L4S	150W	201	298	< 1	< 0.01	13	200	8	< 5	1	9	0.19	< 10	< 10	77	< 10	32
L4S	200W	201	298	< 1	0.01	14	320	4	< 5	2	9	0.12	< 10	< 10	41	< 10	38
L4S	250W	201	298	< 1	< 0.01	11	310	6	< 5	1	8	0.11	< 10	< 10	40	< 10	36
L4S	300W	201	298	< 1	< 0.01	16	290	6	< 5	1	6	0.08	< 10	< 10	26	< 10	48
L4S	350W	201	298	< 1	0.01	48	540	76	< 5	3	9	0.07	< 10	< 10	25	< 10	338
L4S	400W	201	298	< 1	< 0.01	11	200	16	< 5	< 1	8	0.05	< 10	< 10	14	< 10	42
L4S	450W	201	298	< 1	0.01	16	650	6	< 5	2	8	0.09	< 10	< 10	41	< 10	64
L4S	500W	201	298	4	0.01	4	760	22	< 5	2	7	0.21	< 10	< 10	190	< 10	34
L4S	550W	201	298	< 1	< 0.01	6	480	12	< 5	1	7	0.24	< 10	< 10	175	< 10	24
L4S	600W	201	298	1	0.01	4	190	10	< 5	1	5	0.10	< 10	< 10	53	< 10	26
L4S	650W	201	298	1	< 0.01	2	210	16	< 5	1	4	0.15	< 10	< 10	102	< 10	18
L4S	700W	201	298	< 1	< 0.01	10	160	4	< 5	1	6	0.09	< 10	< 10	34	< 10	56
L4S	750W	201	298	6	< 0.01	11	130	20	< 5	1	9	0.05	< 10	< 10	16	< 10	38
L4S	800W	201	298	< 1	< 0.01	9	320	12	< 5	1	7	0.10	< 10	< 10	46	< 10	48
L4S	850W	201	298	< 1	< 0.01	14	380	8	< 5	2	9	0.14	< 10	< 10	53	< 10	62
L4S	950W	201	298	2	< 0.01	5	180	18	< 5	1	9	0.12	< 10	< 10	36	< 10	24
L4S	1000W	201	298	1	< 0.01	6	250	22	< 5	1	12	0.16	< 10	< 10	27	< 10	20
L4S	1050W	201	298	1	< 0.01	5	120	18	< 5	1	8	0.11	< 10	< 10	13	< 10	14
L4S	1100W	201	298	< 1	< 0.01	2	70	12	< 5	< 1	5	0.11	< 10	< 10	29	< 10	10

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :19116122
P.O. Number

CERTIFICATE OF ANALYSIS A9116122

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L4S	1150W	201	298	< 5	0.2	2.04	5	20	0.5	< 2	0.11	< 0.5	2	31	8	1.80	10	< 1	0.02	10	0.14	75
L4S	1200W	201	298	< 5	< 0.2	1.90	5	20	0.5	< 2	0.11	< 0.5	2	33	12	2.64	10	< 1	0.02	10	0.13	75
L4S	1250W	201	298	< 5	0.4	1.55	10	20	0.5	< 2	0.13	< 0.5	5	40	15	2.45	10	< 1	0.02	10	0.29	125
L4S	1300W	201	298	< 5	< 0.2	0.66	< 5	10	< 0.5	< 2	0.12	< 0.5	2	19	7	0.69	< 10	< 1	0.02	< 10	0.17	65
L4S	1350W	201	298	< 5	< 0.2	0.69	< 5	10	< 0.5	< 2	0.13	< 0.5	2	21	7	0.73	< 10	< 1	0.01	< 10	0.23	75
L6S	100E	201	298	< 5	0.2	0.49	< 5	30	< 0.5	< 2	0.15	< 0.5	3	16	28	1.77	< 10	< 1	0.02	< 10	0.08	170
L6S	150E	201	298	< 5	0.4	1.02	5	20	0.5	< 2	0.11	< 0.5	2	31	20	2.49	< 10	< 1	0.01	< 10	0.15	105
L6S	200E	201	298	< 5	0.6	1.89	10	30	1.5	< 2	0.11	< 0.5	20	26	23	3.74	< 10	< 1	0.01	20	0.28	2940
L6S	250E	201	298	< 5	0.6	2.27	5	10	1.0	< 2	0.13	< 0.5	6	55	17	3.25	< 10	< 1	0.03	< 10	0.62	235
L6S	300E	201	298	10	< 0.2	0.39	< 5	10	< 0.5	< 2	0.10	< 0.5	< 1	11	9	0.82	< 10	< 1	0.01	< 10	0.04	40
L6S	100W	201	298	< 5	0.6	1.18	10	10	1.0	< 2	0.09	< 0.5	1	40	8	4.34	10	< 1	0.01	< 10	0.15	60
L6S	150W	201	298	< 5	< 0.2	1.80	5	20	0.5	< 2	0.10	< 0.5	3	35	11	1.70	< 10	< 1	0.02	10	0.20	65
L6S	200W	201	298	< 5	0.2	2.09	10	20	0.5	< 2	0.14	< 0.5	5	41	11	1.67	< 10	< 1	0.02	10	0.29	105
L6S	400W	201	298	< 5	0.2	1.57	5	20	0.5	< 2	0.10	< 0.5	5	30	33	2.77	< 10	< 1	0.01	< 10	0.20	100
L6S	450W	201	298	< 5	< 0.2	0.31	5	10	< 0.5	< 2	0.05	< 0.5	< 1	7	6	0.43	< 10	< 1	< 0.01	< 10	0.03	30
L6S	500W	201	298	< 5	< 0.2	0.83	< 5	20	< 0.5	< 2	0.09	< 0.5	1	12	5	0.94	< 10	< 1	0.02	< 10	0.07	50
L6S	550W	201	298	< 5	< 0.2	2.10	< 5	20	0.5	< 2	0.14	< 0.5	6	33	7	1.55	< 10	< 1	0.02	10	0.24	165
L6S	600W	201	298	< 5	< 0.2	1.25	5	10	0.5	< 2	0.13	< 0.5	4	30	13	1.58	< 10	< 1	0.01	< 10	0.28	105
L6S	650W	201	298	< 5	< 0.2	1.28	< 5	20	0.5	< 2	0.08	< 0.5	3	24	6	1.69	< 10	< 1	0.01	< 10	0.17	80
L6S	700W	201	298	< 5	< 0.2	1.28	5	20	0.5	< 2	0.06	< 0.5	2	22	6	1.95	< 10	< 1	0.01	< 10	0.15	70
L6S	850W	201	298	< 5	< 0.2	0.71	< 5	20	< 0.5	< 2	0.11	< 0.5	1	19	23	0.29	< 10	< 1	< 0.01	10	0.06	25
L6S	900W	201	298	< 5	< 0.2	1.14	< 5	50	0.5	< 2	0.25	< 0.5	3	34	34	0.79	< 10	< 1	0.02	20	0.22	80
L6S	950W	201	298	< 5	< 0.2	0.97	< 5	40	< 0.5	< 2	0.29	< 0.5	4	28	10	0.93	< 10	< 1	0.02	10	0.35	120
L6S	1000W	201	298	< 5	< 0.2	0.39	< 5	20	< 0.5	< 2	0.09	< 0.5	1	14	5	0.31	< 10	< 1	0.02	< 10	0.04	30
L6S	1050W	201	298	5	< 0.2	0.87	< 5	20	< 0.5	< 2	0.16	< 0.5	3	25	14	0.81	< 10	< 1	0.02	10	0.22	80
L6S	1100W	201	298	< 5	0.2	1.79	5	20	0.5	< 2	0.09	< 0.5	1	30	8	1.85	10	< 1	0.01	< 10	0.09	70
L6S	1150W	201	298	< 5	0.2	1.54	5	90	0.5	2	0.13	< 0.5	5	28	8	2.14	10	< 1	0.03	< 10	0.19	300
L6S	1200W	201	298	< 5	0.2	0.92	10	30	0.5	< 2	0.12	< 0.5	3	27	7	2.81	10	< 1	0.02	< 10	0.15	265
L6S	1250W	201	298	< 5	< 0.2	0.59	< 5	20	< 0.5	< 2	0.07	< 0.5	< 1	16	6	1.09	< 10	< 1	0.02	< 10	0.05	50
L6S	1300W	201	298	< 5	< 0.2	1.16	5	20	0.5	< 2	0.16	< 0.5	3	23	17	0.68	< 10	< 1	0.01	10	0.23	75
L6S	1350W	201	298	< 5	< 0.2	0.59	< 5	20	< 0.5	< 2	0.08	< 0.5	1	13	5	1.06	< 10	< 1	0.01	< 10	0.08	40
L6S	1400W	201	298	< 5	0.2	1.32	< 5	30	0.5	< 2	0.07	< 0.5	3	21	4	1.46	< 10	< 1	0.02	< 10	0.12	165
L6S	1450W	201	298	< 5	< 0.2	0.46	5	30	< 0.5	< 2	0.06	< 0.5	< 1	15	10	1.46	< 10	< 1	0.02	< 10	0.07	85
L6S	1500W	201	298	< 5	< 0.2	1.38	< 5	20	0.5	< 2	0.07	< 0.5	3	26	11	1.69	< 10	< 1	0.01	10	0.18	70
L8S	0+50E	201	298	< 5	0.2	2.40	< 5	20	0.5	< 2	0.08	< 0.5	7	32	5	1.87	< 10	< 1	0.02	< 10	0.20	80
L8S	100E	201	298	< 5	< 0.2	2.04	< 5	20	0.5	< 2	0.10	< 0.5	5	34	17	2.32	< 10	< 1	0.01	< 10	0.22	90
L8S	150E	201	298	< 5	< 0.2	1.34	5	20	0.5	< 2	0.08	< 0.5	2	23	8	1.70	< 10	< 1	0.01	< 10	0.12	65
L8S	200E	201	298	< 5	< 0.2	1.30	5	20	0.5	2	0.09	< 0.5	3	25	10	1.41	< 10	< 1	0.02	< 10	0.17	75
L8S	300E	201	298	< 5	0.2	0.97	< 5	20	0.5	< 2	0.08	< 0.5	1	16	7	1.48	< 10	< 1	0.02	< 10	0.06	60
L8S	350E	201	298	< 5	0.2	1.92	5	20	0.5	< 2	0.11	< 0.5	4	38	12	2.15	< 10	< 1	0.02	< 10	0.18	95

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :I9116122
P.O. Number :

CERTIFICATE OF ANALYSIS A9116122

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L4S	1150W	201	298	< 1	0.01	6	290	6	< 5	2	8	0.09	< 10	< 10	30	< 10	54
L4S	1200W	201	298	< 1	< 0.01	10	340	10	< 5	2	9	0.13	< 10	< 10	49	< 10	28
L4S	1250W	201	298	< 1	0.01	14	300	8	< 5	2	8	0.12	< 10	< 10	40	< 10	34
L4S	1300W	201	298	< 1	< 0.01	6	100	8	< 5	1	10	0.09	< 10	< 10	19	< 10	26
L4S	1350W	201	298	< 1	< 0.01	10	70	6	< 5	1	9	0.10	< 10	< 10	19	< 10	22
L6S	100E	201	298	1	0.01	9	400	30	< 5	1	5	0.13	< 10	< 10	58	< 10	72
L6S	150E	201	298	< 1	< 0.01	15	590	12	< 5	1	6	0.07	< 10	< 10	41	< 10	74
L6S	200E	201	298	1	< 0.01	44	530	16	< 5	3	4	0.04	< 10	< 10	23	< 10	164
L6S	250E	201	298	2	< 0.01	23	220	22	< 5	2	6	0.14	< 10	< 10	66	< 10	78
L6S	300E	201	298	< 1	< 0.01	2	220	26	< 5	< 1	5	0.09	< 10	< 10	42	< 10	18
L6S	100W	201	298	< 1	< 0.01	10	310	8	< 5	1	7	0.16	< 10	< 10	80	< 10	30
L6S	150W	201	298	< 1	0.01	13	160	6	< 5	2	8	0.10	< 10	< 10	33	< 10	26
L6S	200W	201	298	< 1	0.01	17	220	4	< 5	2	11	0.11	< 10	< 10	34	< 10	22
L6S	400W	201	298	1	< 0.01	11	240	8	< 5	1	7	0.12	< 10	< 10	49	< 10	44
L6S	450W	201	298	< 1	< 0.01	3	100	6	< 5	< 1	5	0.05	< 10	< 10	16	< 10	24
L6S	500W	201	298	< 1	< 0.01	7	150	14	< 5	1	9	0.08	< 10	< 10	24	< 10	32
L6S	550W	201	298	< 1	0.01	21	420	6	< 5	2	9	0.09	< 10	< 10	28	< 10	52
L6S	600W	201	298	< 1	< 0.01	16	260	6	< 5	1	8	0.09	< 10	< 10	32	< 10	36
L6S	650W	201	298	< 1	< 0.01	14	220	8	< 5	1	6	0.08	< 10	< 10	30	< 10	40
L6S	700W	201	298	< 1	< 0.01	8	140	8	< 5	1	5	0.11	< 10	< 10	44	< 10	30
L6S	850W	201	298	< 1	< 0.01	6	160	4	< 5	2	8	0.06	< 10	< 10	13	< 10	12
L6S	900W	201	298	< 1	0.01	13	320	14	< 5	4	16	0.09	< 10	< 10	25	< 10	24
L6S	950W	201	298	< 1	0.01	15	460	6	< 5	3	15	0.12	< 10	< 10	29	< 10	28
L6S	1000W	201	298	< 1	< 0.01	4	200	12	< 5	1	10	0.07	< 10	< 10	12	< 10	18
L6S	1050W	201	298	< 1	< 0.01	9	490	14	< 5	1	11	0.06	< 10	< 10	21	< 10	36
L6S	1100W	201	298	< 1	< 0.01	6	260	14	< 5	2	8	0.13	< 10	< 10	48	< 10	32
L6S	1150W	201	298	< 1	< 0.01	10	200	6	< 5	2	10	0.12	< 10	< 10	39	< 10	102
L6S	1200W	201	298	< 1	< 0.01	9	210	8	< 5	1	9	0.17	< 10	< 10	66	< 10	50
L6S	1250W	201	298	< 1	< 0.01	5	140	14	< 5	1	8	0.09	< 10	< 10	34	< 10	24
L6S	1300W	201	298	< 1	0.01	11	170	6	< 5	2	10	0.08	< 10	< 10	19	< 10	26
L6S	1350W	201	298	< 1	< 0.01	6	130	10	< 5	1	9	0.09	< 10	< 10	36	< 10	12
L6S	1400W	201	298	< 1	< 0.01	10	200	8	< 5	1	6	0.08	< 10	< 10	27	< 10	28
L6S	1450W	201	298	< 1	< 0.01	7	180	16	< 5	1	6	0.11	< 10	< 10	47	< 10	22
L6S	1500W	201	298	< 1	< 0.01	11	230	6	< 5	2	5	0.09	< 10	< 10	38	< 10	26
L8S	0+50E	201	298	< 1	< 0.01	19	370	12	< 5	2	5	0.08	< 10	< 10	30	< 10	36
L8S	100E	201	298	< 1	< 0.01	18	390	14	< 5	2	7	0.09	< 10	< 10	35	< 10	48
L8S	150E	201	298	1	< 0.01	9	350	4	< 5	1	5	0.07	< 10	< 10	32	< 10	32
L8S	200E	201	298	< 1	< 0.01	12	420	6	< 5	1	7	0.07	< 10	< 10	29	< 10	24
L8S	300E	201	298	< 1	< 0.01	8	320	8	< 5	1	6	0.07	< 10	< 10	35	< 10	22
L8S	350E	201	298	< 1	0.01	13	420	6	< 5	3	7	0.09	< 10	< 10	39	< 10	42

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :1-A
Total Pages :4
Certificate Date: 17-JUN-91
Invoice No. : I9116123
P.O. Number

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L8S	400E	201	298	15	0.2	0.66	< 5	10	0.5	< 2	0.09	< 0.5	2	24	11	1.92	< 10	< 1	0.02	< 10	0.16	70
L8S	450E	201	298	5	0.6	2.02	20	10	1.0	< 2	0.13	< 0.5	14	93	31	2.46	< 10	< 1	0.02	10	0.37	300
L8S	BL0+00	201	298	< 5	0.2	2.34	< 5	30	1.0	< 2	0.12	< 0.5	7	34	9	2.34	< 10	< 1	0.02	< 10	0.25	120
L8S	0+50W	201	298	< 5	< 0.2	0.74	< 5	20	< 0.5	< 2	0.08	< 0.5	2	15	10	0.97	< 10	< 1	0.02	10	0.08	45
L8S	100W	201	298	5	< 0.2	2.45	< 5	10	0.5	< 2	0.11	< 0.5	6	36	15	1.81	< 10	< 1	0.02	< 10	0.27	95
L8S	250W	201	298	< 5	< 0.2	1.53	< 5	10	< 0.5	< 2	0.04	< 0.5	1	14	10	0.88	< 10	< 1	0.01	10	0.04	25
L8S	300W	201	298	< 5	0.2	1.81	< 5	20	0.5	< 2	0.06	< 0.5	1	35	9	2.15	< 10	< 1	0.01	< 10	0.12	45
L8S	350W	201	298	5	0.4	1.82	5	20	1.0	< 2	0.08	< 0.5	3	36	10	2.53	10	< 1	0.02	< 10	0.21	95
L8S	400W	201	298	5	0.2	1.73	5	10	0.5	< 2	0.08	< 0.5	5	29	24	1.99	< 10	< 1	0.02	10	0.24	85
L8S	450W	201	298	< 5	< 0.2	0.79	5	20	< 0.5	< 2	0.04	< 0.5	1	12	3	1.20	< 10	< 1	0.01	< 10	0.05	35
L8S	500W	201	298	15	< 0.2	0.36	< 5	10	< 0.5	< 2	0.04	< 0.5	< 1	7	4	0.55	< 10	< 1	0.02	< 10	0.03	30
L8S	550W	201	298	< 5	0.2	0.83	< 5	30	0.5	< 2	0.13	< 0.5	5	44	12	2.09	< 10	< 1	0.04	< 10	0.30	225
L8S	600W	201	298	< 5	0.2	0.97	< 5	30	0.5	< 2	0.07	< 0.5	3	17	8	1.50	< 10	< 1	0.03	< 10	0.09	155
L8S	650W	201	298	< 5	0.4	1.42	5	30	0.5	< 2	0.24	< 0.5	9	53	7	2.58	10	< 1	0.04	< 10	0.56	340
L8S	700W	201	298	< 5	< 0.2	0.26	< 5	10	< 0.5	< 2	0.07	< 0.5	< 1	5	2	0.20	< 10	< 1	0.02	10	0.02	30
L8S	750W	201	298	< 5	< 0.2	0.71	5	10	< 0.5	< 2	0.07	< 0.5	1	19	8	1.71	< 10	< 1	0.02	< 10	0.12	60
L8S	800W	201	298	< 5	< 0.2	1.53	< 5	20	0.5	< 2	0.09	< 0.5	2	27	10	1.91	< 10	< 1	0.02	< 10	0.15	70
L8S	850W	201	298	< 5	< 0.2	1.58	5	20	0.5	< 2	0.11	< 0.5	4	31	23	1.55	< 10	< 1	0.02	10	0.25	80
L8S	900W	201	298	10	0.2	0.89	5	10	< 0.5	< 2	0.06	< 0.5	1	13	4	1.21	< 10	< 1	0.02	< 10	0.07	45
L8S	950W	201	298	< 5	< 0.2	1.63	< 5	50	0.5	< 2	0.12	< 0.5	6	36	37	2.01	< 10	< 1	0.02	10	0.31	90
L8S	1000W	201	298	< 5	0.2	0.74	< 5	30	< 0.5	< 2	0.09	< 0.5	1	16	7	1.51	< 10	< 1	0.02	< 10	0.07	55
L8S	1050W	201	298	< 5	0.4	1.19	< 5	20	< 0.5	< 2	0.07	< 0.5	1	22	5	3.10	< 10	< 1	0.01	< 10	0.10	100
L8S	1100W	201	298	< 5	0.2	1.65	10	30	< 0.5	< 2	0.15	< 0.5	8	34	23	2.90	10	< 1	0.03	< 10	0.51	540
L8S	1150W	201	298	< 5	0.2	1.52	< 5	30	< 0.5	< 2	0.08	< 0.5	1	24	7	2.83	< 10	< 1	0.01	< 10	0.10	95
L8S	1200W	201	298	< 5	< 0.2	0.26	< 5	10	< 0.5	< 2	0.05	< 0.5	< 1	4	1	0.24	< 10	< 1	0.01	< 10	0.01	25
L8S	1250W	201	298	10	< 0.2	0.24	< 5	10	< 0.5	< 2	0.03	< 0.5	< 1	3	4	0.23	< 10	< 1	0.02	< 10	0.01	30
L8S	1300W	201	298	< 5	< 0.2	1.07	< 5	20	< 0.5	< 2	0.16	< 0.5	4	23	11	0.81	< 10	< 1	0.04	10	0.26	80
L8S	1350W	201	298	< 5	< 0.2	0.32	5	40	< 0.5	< 2	0.11	< 0.5	< 1	9	3	0.78	10	< 1	0.02	< 10	0.04	55
L8S	1400W	201	298	< 5	< 0.2	1.18	10	20	< 0.5	< 2	0.12	< 0.5	3	28	11	1.58	< 10	< 1	0.02	10	0.23	95
L8S	1450W	201	298	< 5	0.4	1.76	5	30	< 0.5	< 2	0.12	< 0.5	4	30	6	2.00	10	< 1	0.04	< 10	0.21	125
L8S	1500W	201	298	< 5	0.2	2.26	5	30	< 0.5	< 2	0.13	< 0.5	6	34	5	1.87	< 10	< 1	0.02	10	0.23	110
L10S	0+50E	201	298	< 5	< 0.2	1.99	5	20	< 0.5	< 2	0.11	< 0.5	5	34	11	1.89	< 10	< 1	0.02	< 10	0.25	95
L10S	100E	201	298	< 5	< 0.2	0.89	< 5	30	< 0.5	< 2	0.11	< 0.5	3	24	10	0.92	< 10	< 1	0.01	< 10	0.27	80
L10S	150E	201	298	< 5	0.4	1.53	10	10	< 0.5	< 2	0.12	< 0.5	6	29	9	1.41	< 10	< 1	0.02	< 10	0.27	95
L10S	200E	201	298	< 5	< 0.2	0.72	10	10	< 0.5	< 2	0.09	< 0.5	3	21	9	1.24	< 10	< 1	0.01	< 10	0.18	85
L10S	250E	201	298	< 5	0.2	1.12	< 5	20	< 0.5	< 2	0.10	< 0.5	5	26	29	1.21	< 10	< 1	0.02	10	0.23	70
L10S	300E	201	298	< 5	0.2	0.23	< 5	30	< 0.5	< 2	0.06	< 0.5	1	10	12	0.70	< 10	1	0.03	< 10	0.02	35
L10S	350E	201	298	10	0.2	1.44	< 5	20	< 0.5	< 2	0.08	< 0.5	2	22	16	1.86	< 10	< 1	0.01	< 10	0.11	50
L10S	400E	201	298	< 5	0.2	2.11	< 5	10	< 0.5	< 2	0.10	< 0.5	2	33	13	2.14	< 10	< 1	0.02	< 10	0.16	80
L10S	450E	201	298	< 5	< 0.2	0.52	< 5	20	< 0.5	< 2	0.07	< 0.5	< 1	17	14	1.39	10	< 1	0.02	< 10	0.04	40

CERTIFICATION: B. Caghi

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :19116123
P.O. Number

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L8S	400E	201	298	< 1	< 0.01	11	130	10	< 5	1	7	0.12	< 10	< 10	54	< 10	16
L8S	450E	201	298	1	< 0.01	36	230	60	< 5	2	8	0.07	< 10	< 10	36	< 10	82
L8S	BL0+00	201	298	< 1	0.01	22	330	8	< 5	2	8	0.11	< 10	< 10	38	< 10	48
L8S	0+50W	201	298	< 1	< 0.01	10	110	8	< 5	1	8	0.08	< 10	< 10	33	< 10	14
L8S	100W	201	298	< 1	0.01	16	160	4	< 5	3	8	0.11	< 10	< 10	32	< 10	22
L8S	250W	201	298	< 1	< 0.01	5	160	6	< 5	1	5	0.04	< 10	< 10	20	< 10	14
L8S	300W	201	298	< 1	< 0.01	8	240	6	< 5	2	5	0.09	< 10	< 10	42	< 10	28
L8S	350W	201	298	< 1	< 0.01	11	240	8	< 5	2	5	0.11	< 10	< 10	49	< 10	42
L8S	400W	201	298	< 1	< 0.01	13	180	18	< 5	3	5	0.11	< 10	< 10	44	< 10	128
L8S	450W	201	298	< 1	< 0.01	3	120	8	< 5	1	4	0.07	< 10	< 10	29	< 10	24
L8S	500W	201	298	< 1	< 0.01	4	160	12	< 5	< 1	4	0.09	< 10	< 10	30	< 10	18
L8S	550W	201	298	< 1	0.01	20	290	16	< 5	1	11	0.11	< 10	< 10	46	< 10	70
L8S	600W	201	298	< 1	< 0.01	10	310	20	< 5	1	5	0.07	< 10	< 10	32	< 10	46
L8S	650W	201	298	< 1	0.01	24	440	8	< 5	2	13	0.12	< 10	< 10	52	< 10	62
L8S	700W	201	298	< 1	< 0.01	1	70	6	< 5	< 1	8	0.06	< 10	< 10	10	< 10	14
L8S	750W	201	298	< 1	< 0.01	9	170	16	< 5	1	7	0.11	< 10	< 10	49	< 10	24
L8S	800W	201	298	< 1	< 0.01	12	280	8	< 5	2	7	0.10	< 10	< 10	41	< 10	38
L8S	850W	201	298	< 1	0.01	16	190	6	< 5	2	7	0.09	< 10	< 10	29	< 10	32
L8S	900W	201	298	< 1	< 0.01	4	190	4	< 5	1	5	0.07	< 10	< 10	28	< 10	30
L8S	950W	201	298	2	0.01	24	170	24	< 5	2	9	0.09	< 10	< 10	45	< 10	94
L8S	1000W	201	298	< 1	< 0.01	7	200	12	< 5	1	7	0.09	< 10	< 10	37	< 10	46
L8S	1050W	201	298	< 1	< 0.01	4	340	14	< 5	2	4	0.09	< 10	< 10	45	< 10	56
L8S	1100W	201	298	< 1	< 0.01	18	370	224	< 5	3	8	0.17	< 10	< 10	74	< 10	378
L8S	1150W	201	298	< 1	< 0.01	5	570	12	< 5	1	6	0.09	< 10	< 10	46	< 10	60
L8S	1200W	201	298	< 1	< 0.01	2	70	4	< 5	< 1	5	0.04	< 10	< 10	10	< 10	10
L8S	1250W	201	298	< 1	< 0.01	2	70	12	< 5	< 1	4	0.02	< 10	< 10	8	< 10	18
L8S	1300W	201	298	< 1	0.01	14	160	8	< 5	2	11	0.09	< 10	< 10	21	< 10	54
L8S	1350W	201	298	< 1	< 0.01	5	130	8	< 5	< 1	11	0.09	< 10	< 10	39	< 10	24
L8S	1400W	201	298	< 1	0.01	15	260	8	< 5	2	10	0.09	< 10	< 10	30	< 10	26
L8S	1450W	201	298	< 1	0.01	15	360	10	< 5	2	9	0.10	< 10	< 10	33	< 10	46
L8S	1500W	201	298	< 1	0.01	18	430	4	< 5	2	9	0.09	< 10	< 10	33	< 10	40
L10S	0+50E	201	298	< 1	0.01	15	260	6	< 5	3	7	0.10	< 10	< 10	30	< 10	26
L10S	100E	201	298	< 1	< 0.01	13	80	2	< 5	1	7	0.09	< 10	< 10	26	< 10	20
L10S	150E	201	298	< 1	< 0.01	16	240	6	< 5	2	7	0.07	< 10	< 10	27	< 10	22
L10S	200E	201	298	< 1	< 0.01	12	170	6	< 5	1	6	0.07	< 10	< 10	25	< 10	20
L10S	250E	201	298	< 1	< 0.01	19	130	8	< 5	2	6	0.08	< 10	< 10	23	< 10	38
L10S	300E	201	298	< 1	< 0.01	6	130	12	< 5	< 1	7	0.05	< 10	< 10	20	< 10	30
L10S	350E	201	298	< 1	< 0.01	7	260	10	< 5	2	7	0.08	< 10	< 10	29	< 10	40
L10S	400E	201	298	1	< 0.01	10	1010	32	< 5	2	6	0.07	< 10	< 10	37	< 10	52
L10S	450E	201	298	< 1	< 0.01	7	240	16	< 5	1	7	0.11	< 10	< 10	65	< 10	32

CERTIFICATION: B. Caglioni

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :2-A
Total Pages :4
Certificate Date: 17-JUN-91
Invoice No. :I9116123
P.O. Number

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L10S	500E	201	298	< 5	< 0.2	0.47	5	30	< 0.5	< 2	0.12	0.5	1	14	62	0.79	< 10	< 1	0.02	< 10	0.04	40
L10S	BL0+00	201	298	< 5	0.2	2.40	< 5	20	< 0.5	< 2	0.11	< 0.5	6	35	13	1.65	< 10	< 1	0.02	10	0.23	80
L10S	150W	201	298	< 5	< 0.2	1.82	< 5	10	< 0.5	< 2	0.11	< 0.5	1	28	9	1.70	< 10	< 1	0.01	< 10	0.16	65
L10S	200W	201	298	< 5	0.4	0.82	15	20	< 0.5	< 2	0.08	< 0.5	< 1	25	9	2.85	10	< 1	0.01	< 10	0.11	70
L10S	250W	201	298	< 5	< 0.2	0.67	5	50	< 0.5	< 2	0.09	< 0.5	2	27	15	1.48	< 10	< 1	0.03	< 10	0.15	275
L10S	300W	201	298	< 5	< 0.2	1.10	< 5	20	< 0.5	< 2	0.05	< 0.5	< 1	17	6	1.84	< 10	< 1	0.01	< 10	0.05	40
L10S	350W	201	298	< 5	< 0.2	0.76	< 5	20	< 0.5	< 2	0.12	< 0.5	3	24	16	0.82	< 10	< 1	< 0.01	10	0.24	70
L10S	450W	201	298	< 5	0.2	1.98	< 5	10	< 0.5	< 2	0.07	< 0.5	4	32	7	1.51	< 10	< 1	< 0.01	< 10	0.21	85
L10S	500W	201	298	< 5	< 0.2	1.71	< 5	10	< 0.5	< 2	0.07	< 0.5	3	27	7	1.27	< 10	< 1	0.01	< 10	0.19	65
L10S	550W	201	298	< 5	< 0.2	0.94	< 5	10	< 0.5	< 2	0.06	< 0.5	< 1	12	5	0.64	< 10	< 1	< 0.01	< 10	0.07	30
L10S	600W	201	298	< 5	0.4	1.61	5	20	< 0.5	< 2	0.09	< 0.5	1	27	9	1.84	< 10	< 1	0.01	< 10	0.16	75
L10S	650W	201	298	< 5	0.2	2.33	5	20	< 0.5	< 2	0.14	< 0.5	4	35	16	2.00	< 10	< 1	0.01	10	0.30	150
L10S	700W	201	298	< 5	0.2	1.45	5	20	< 0.5	< 2	0.07	< 0.5	2	24	6	1.93	< 10	< 1	0.01	< 10	0.12	60
L10S	800W	201	298	< 5	< 0.2	1.34	< 5	20	< 0.5	< 2	0.10	< 0.5	3	27	8	1.39	< 10	< 1	0.02	10	0.22	85
L10S	850W	201	298	< 5	0.4	0.96	< 5	10	< 0.5	< 2	0.10	< 0.5	1	26	6	2.35	< 10	< 1	0.02	< 10	0.18	100
L10S	900W	201	298	< 5	< 0.2	0.31	< 5	10	< 0.5	< 2	0.04	< 0.5	< 1	6	1	0.51	< 10	< 1	0.01	< 10	0.03	20
L10S	950W	201	298	< 5	0.4	2.21	< 5	30	< 0.5	< 2	0.18	0.5	10	38	22	2.82	< 10	< 1	0.02	10	0.50	345
L10S	1000W	201	298	< 5	0.2	1.30	5	20	< 0.5	< 2	0.12	< 0.5	3	23	6	1.93	< 10	< 1	0.01	< 10	0.19	235
L10S	1050W	201	298	< 5	0.2	1.16	5	20	< 0.5	< 2	0.09	< 0.5	3	26	11	2.46	< 10	< 1	0.01	< 10	0.21	160
L10S	1100W	201	298	< 5	< 0.2	0.44	< 5	20	< 0.5	< 2	0.09	< 0.5	< 1	18	6	1.08	< 10	< 1	0.01	< 10	0.08	75
L10S	1150W	201	298	< 5	0.2	1.56	< 5	40	< 0.5	< 2	0.08	< 0.5	2	28	8	2.51	< 10	< 1	0.02	< 10	0.18	100
L10S	1200W	201	298	< 5	< 0.2	1.33	< 5	10	< 0.5	< 2	0.11	< 0.5	4	29	6	1.25	< 10	< 1	0.01	10	0.25	85
L10S	1250W	201	298	< 5	< 0.2	1.09	< 5	30	< 0.5	< 2	0.09	< 0.5	4	23	13	1.42	< 10	< 1	0.01	< 10	0.23	70
L10S	1300W	201	298	< 5	0.6	1.46	5	30	< 0.5	< 2	0.09	< 0.5	35	62	17	5.88	< 10	1	0.01	10	0.21	1520
L10S	1350W	201	298	< 5	0.8	2.07	10	40	< 0.5	< 2	0.21	< 0.5	10	32	58	6.97	10	< 1	0.07	< 10	0.76	380
L10S	1400W	201	298	< 5	0.6	2.00	5	50	< 0.5	< 2	0.08	< 0.5	20	54	27	4.02	< 10	< 1	0.02	10	0.21	740
L10S	1450W	201	298	< 5	< 0.2	0.75	5	30	< 0.5	< 2	0.13	< 0.5	< 1	17	2	1.28	< 10	< 1	0.04	10	0.08	65
L10S	1500W	201	298	< 5	< 0.2	1.04	< 5	20	< 0.5	< 2	0.16	< 0.5	3	26	8	1.90	< 10	< 1	0.03	< 10	0.26	105
L10S	1550W	201	298	< 5	< 0.2	0.62	< 5	20	< 0.5	< 2	0.10	< 0.5	1	16	3	1.05	< 10	< 1	0.02	< 10	0.09	65
L12S	0+50E	201	298	< 5	0.2	1.42	< 5	20	< 0.5	< 2	0.09	< 0.5	3	25	8	2.28	< 10	< 1	0.02	10	0.14	70
L12S	100E	201	298	< 5	< 0.2	0.44	< 5	10	< 0.5	< 2	0.05	< 0.5	< 1	6	< 1	0.58	< 10	< 1	0.01	10	0.03	30
L12S	150E	201	298	< 5	< 0.2	0.44	5	20	< 0.5	< 2	0.09	< 0.5	< 1	7	< 1	0.61	< 10	< 1	0.01	10	0.05	50
L12S	200E	201	298	< 5	< 0.2	0.84	< 5	20	< 0.5	< 2	0.10	< 0.5	1	15	< 1	1.20	< 10	< 1	0.02	< 10	0.12	65
L12S	300E	201	298	< 5	< 0.2	1.19	< 5	50	< 0.5	< 2	0.26	< 0.5	4	30	25	0.81	< 10	< 1	0.03	30	0.25	80
L12S	350E	201	298	< 5	< 0.2	0.81	5	20	< 0.5	< 2	0.12	< 0.5	2	25	7	1.66	< 10	< 1	0.02	< 10	0.15	65
L12S	400E	201	298	< 5	< 0.2	0.84	5	10	< 0.5	< 2	0.11	< 0.5	< 1	13	4	0.95	< 10	< 1	0.02	10	0.05	40
L12S	450E	201	298	< 5	0.2	2.00	< 5	20	< 0.5	2	0.20	< 0.5	3	37	14	1.97	< 10	< 1	0.03	10	0.22	90
L12S	500E	201	298	< 5	< 0.2	0.70	< 5	20	< 0.5	< 2	0.12	< 0.5	< 1	14	5	0.85	< 10	< 1	0.02	10	0.05	50
L12S	550E	201	298	< 5	0.2	2.34	5	20	< 0.5	< 2	0.12	< 0.5	2	33	6	2.41	10	< 1	0.02	10	0.12	55
L12S	600E	201	298	< 5	0.2	1.11	< 5	10	< 0.5	< 2	0.29	< 0.5	3	31	17	2.41	< 10	< 1	0.04	< 10	0.33	120

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :19116123
P.O. Number :

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L10S	500E	201	298	< 1	0.01	16	190	22	< 5	1	5	0.07	< 10	< 10	25	< 10	28
L10S	BL0+00	201	298	< 1	0.01	17	260	6	< 5	2	8	0.09	< 10	< 10	30	< 10	30
L10S	150W	201	298	< 1	0.01	8	270	2	< 5	2	8	0.11	< 10	< 10	36	< 10	30
L10S	200W	201	298	< 1	< 0.01	6	710	12	< 5	1	7	0.11	< 10	< 10	54	< 10	38
L10S	250W	201	298	< 1	< 0.01	9	570	18	< 5	1	8	0.07	< 10	< 10	33	< 10	78
L10S	300W	201	298	< 1	< 0.01	7	250	14	< 5	< 1	5	0.08	< 10	< 10	39	< 10	26
L10S	350W	201	298	< 1	< 0.01	13	140	4	< 5	1	7	0.07	< 10	< 10	19	< 10	18
L10S	450W	201	298	< 1	0.01	16	460	8	< 5	1	5	0.07	< 10	< 10	27	< 10	30
L10S	500W	201	298	< 1	< 0.01	11	310	4	< 5	1	5	0.06	< 10	< 10	25	< 10	30
L10S	550W	201	298	< 1	< 0.01	5	110	6	< 5	1	5	0.05	< 10	< 10	16	< 10	14
L10S	600W	201	298	< 1	< 0.01	10	530	6	< 5	1	7	0.09	< 10	< 10	35	< 10	40
L10S	650W	201	298	< 1	0.01	16	600	4	< 5	2	8	0.10	< 10	< 10	36	< 10	42
L10S	700W	201	298	< 1	< 0.01	9	250	12	< 5	1	6	0.10	< 10	< 10	36	< 10	42
L10S	800W	201	298	< 1	< 0.01	13	190	2	< 5	2	8	0.10	< 10	< 10	28	< 10	34
L10S	850W	201	298	< 1	< 0.01	8	400	4	< 5	1	8	0.11	< 10	< 10	42	< 10	42
L10S	900W	201	298	< 1	< 0.01	3	80	10	< 5	< 1	4	0.06	< 10	< 10	18	< 10	22
L10S	950W	201	298	< 1	0.01	19	390	100	< 5	3	8	0.16	< 10	< 10	54	< 10	330
L10S	1000W	201	298	< 1	< 0.01	7	270	30	< 5	1	8	0.11	< 10	< 10	35	< 10	158
L10S	1050W	201	298	< 1	< 0.01	10	300	12	< 5	2	6	0.10	< 10	< 10	40	< 10	68
L10S	1100W	201	298	< 1	< 0.01	6	220	14	< 5	1	6	0.08	< 10	< 10	29	< 10	36
L10S	1150W	201	298	< 1	< 0.01	10	420	10	< 5	1	6	0.11	< 10	< 10	38	< 10	90
L10S	1200W	201	298	< 1	0.01	16	260	4	< 5	2	7	0.08	< 10	< 10	24	< 10	32
L10S	1250W	201	298	< 1	0.01	13	150	6	< 5	1	7	0.09	< 10	< 10	27	< 10	46
L10S	1300W	201	298	2	< 0.01	14	670	6	< 5	2	6	0.08	< 10	< 10	74	< 10	60
L10S	1350W	201	298	< 1	< 0.01	19	340	10	< 5	4	14	0.61	< 10	< 10	186	< 10	174
L10S	1400W	201	298	< 1	< 0.01	18	560	4	< 5	2	7	0.06	< 10	< 10	41	< 10	282
L10S	1450W	201	298	< 1	0.01	5	180	10	< 5	1	14	0.12	< 10	< 10	36	< 10	116
L10S	1500W	201	298	< 1	0.01	13	160	12	< 5	2	14	0.15	< 10	< 10	43	< 10	44
L10S	1550W	201	298	< 1	< 0.01	8	120	10	< 5	1	10	0.11	< 10	< 10	29	< 10	28
L12S	0+50E	201	298	< 1	< 0.01	9	230	4	< 5	2	8	0.11	< 10	< 10	38	< 10	26
L12S	100E	201	298	< 1	< 0.01	2	90	4	< 5	< 1	6	0.08	< 10	< 10	21	< 10	12
L12S	150E	201	298	< 1	< 0.01	2	150	6	< 5	1	8	0.10	< 10	< 10	23	< 10	22
L12S	200E	201	298	< 1	< 0.01	7	160	4	< 5	1	9	0.10	< 10	< 10	27	< 10	30
L12S	300E	201	298	< 1	0.01	17	580	4	< 5	4	17	0.10	< 10	< 10	19	< 10	32
L12S	350E	201	298	< 1	0.01	9	150	8	< 5	1	12	0.11	< 10	< 10	39	< 10	18
L12S	400E	201	298	< 1	< 0.01	5	100	8	< 5	1	13	0.10	< 10	< 10	27	< 10	16
L12S	450E	201	298	< 1	0.01	16	330	12	< 5	2	16	0.12	< 10	< 10	35	< 10	48
L12S	500E	201	298	< 1	< 0.01	5	100	12	< 5	1	14	0.09	< 10	< 10	25	< 10	28
L12S	550E	201	298	< 1	0.01	9	210	6	< 5	2	13	0.13	< 10	< 10	48	< 10	24
L12S	600E	201	298	1	0.01	16	200	16	< 5	2	15	0.19	< 10	< 10	57	< 10	50

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :3-A
Total Pages :4
Certificate Date: 17-JUN-91
Invoice No. :19116123
P.O. Number

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L12S	BL0+00	201	298	< 5	< 0.2	1.85	< 5	40	< 0.5	< 2	0.17	< 0.5	8	35	6	1.65	< 10	< 1	0.03	10	0.29	125
L12S	0+50W	201	298	< 5	< 0.2	2.50	20	10	< 0.5	< 2	0.15	< 0.5	7	44	7	1.93	< 10	< 1	0.01	10	0.23	95
L12S	100W	201	298	< 5	0.2	2.25	5	10	< 0.5	< 2	0.13	< 0.5	5	35	7	1.58	< 10	< 1	0.02	10	0.20	85
L12S	150W	201	298	< 5	0.2	1.37	15	10	< 0.5	< 2	0.08	< 0.5	3	21	14	1.51	< 10	< 1	< 0.01	10	0.05	40
L12S	200W	201	298	< 5	0.2	2.19	5	20	< 0.5	< 2	0.09	< 0.5	5	32	3	2.71	10	< 1	0.01	< 10	0.12	65
L12S	250W-A	201	298	< 5	0.2	3.29	5	20	< 0.5	< 2	0.12	< 0.5	7	43	5	2.86	10	< 1	0.01	10	0.19	80
L12S	250W-B	201	298	< 5	0.2	1.61	5	40	< 0.5	< 2	0.15	< 0.5	9	33	13	1.50	< 10	< 1	0.03	10	0.27	100
L12S	300W	201	298	5	0.4	2.52	10	30	< 0.5	< 2	0.18	< 0.5	11	39	4	1.87	10	< 1	0.03	10	0.24	110
L12S	350W	201	298	< 5	0.4	0.82	< 5	10	< 0.5	< 2	0.09	< 0.5	4	18	3	1.28	10	< 1	0.02	10	0.09	55
L12S	450W	201	298	< 5	0.4	2.06	15	20	< 0.5	< 2	0.16	< 0.5	8	38	15	2.31	< 10	< 1	0.02	10	0.27	105
L12S	500W	201	298	< 5	0.2	3.26	< 5	40	< 0.5	< 2	0.18	< 0.5	11	45	8	2.95	10	< 1	0.03	10	0.24	100
L12S	550W	201	298	< 5	< 0.2	0.89	5	10	< 0.5	< 2	0.15	< 0.5	3	19	8	2.47	10	< 1	< 0.01	10	0.14	75
L12S	600W	201	298	< 5	< 0.2	0.95	10	20	< 0.5	< 2	0.14	< 0.5	2	17	9	0.51	10	< 1	0.01	10	0.09	50
L12S	650W	201	298	5	0.8	3.43	10	20	< 0.5	< 2	0.16	< 0.5	10	46	12	2.17	< 10	< 1	0.02	10	0.30	110
L12S	700W	201	298	< 5	< 0.2	1.90	5	30	< 0.5	< 2	0.14	< 0.5	10	42	26	2.62	< 10	< 1	0.02	10	0.35	115
L12S	750W	201	298	< 5	< 0.2	0.78	5	10	< 0.5	< 2	0.08	< 0.5	3	18	6	1.88	< 10	< 1	0.01	< 10	0.07	45
L12S	900W	201	298	< 5	< 0.2	1.84	< 5	20	< 0.5	< 2	0.17	< 0.5	9	35	25	3.32	< 10	< 1	0.03	10	0.36	150
L12S	950W	201	298	< 5	< 0.2	0.72	5	20	< 0.5	< 2	0.14	< 0.5	3	17	5	0.56	< 10	< 1	0.01	10	0.15	60
L12S	1000W	201	298	< 5	< 0.2	0.54	< 5	20	< 0.5	< 2	0.11	< 0.5	3	15	3	0.87	< 10	< 1	0.02	< 10	0.10	115
L12S	1050W	201	298	< 5	< 0.2	0.97	< 5	20	< 0.5	< 2	0.12	< 0.5	3	18	3	1.24	< 10	< 1	0.01	10	0.11	65
L12S	1100W	201	298	< 5	< 0.2	1.76	5	20	< 0.5	< 2	0.16	< 0.5	7	31	14	1.47	< 10	< 1	0.03	10	0.26	95
L12S	1150W	201	298	< 5	< 0.2	2.11	< 5	20	< 0.5	< 2	0.14	< 0.5	4	31	6	1.94	< 10	< 1	0.03	10	0.15	75
L12S	1200W	201	298	< 5	< 0.2	1.10	< 5	10	< 0.5	< 2	0.10	< 0.5	2	18	4	1.27	< 10	< 1	0.02	10	0.09	55
L12S	1250W	201	298	< 5	< 0.2	2.24	5	30	< 0.5	2	0.16	< 0.5	6	39	16	2.44	< 10	< 1	0.03	10	0.23	95
L12S	1300W	201	298	< 5	< 0.2	0.82	< 5	10	< 0.5	< 2	0.12	< 0.5	1	12	3	0.50	< 10	< 1	0.02	10	0.07	50
L12S	1350W	201	298	< 5	0.2	1.53	< 5	20	< 0.5	< 2	0.13	< 0.5	5	24	8	1.51	< 10	< 1	0.02	10	0.15	130
L12S	1400W	201	298	< 5	< 0.2	2.49	5	30	< 0.5	< 2	0.15	< 0.5	7	40	7	2.61	< 10	1	0.03	10	0.27	110
L12S	1500W	201	298	< 5	< 0.2	0.42	< 5	10	< 0.5	< 2	0.06	< 0.5	1	9	2	0.63	< 10	< 1	0.01	10	0.03	40
L12S	1550W	201	298	< 5	< 0.2	2.03	5	20	< 0.5	2	0.15	< 0.5	6	34	11	1.75	< 10	< 1	0.03	10	0.25	125
L14S	0+50E	201	298	< 5	< 0.2	1.72	5	20	< 0.5	< 2	0.14	< 0.5	5	28	5	1.80	< 10	< 1	0.02	10	0.17	100
L14S	100E	201	298	< 5	< 0.2	0.98	< 5	10	< 0.5	< 2	0.15	< 0.5	5	26	14	1.69	< 10	< 1	0.02	< 10	0.20	175
L14S	150E	201	298	< 5	< 0.2	0.75	< 5	20	< 0.5	< 2	0.10	< 0.5	3	19	8	1.70	< 10	< 1	0.03	< 10	0.12	90
L14S	200E	201	298	< 5	< 0.2	0.86	5	20	< 0.5	< 2	0.20	< 0.5	6	20	16	1.04	< 10	< 1	0.03	10	0.24	105
L14S	250E	201	298	< 5	< 0.2	2.07	< 5	10	< 0.5	2	0.14	< 0.5	7	32	16	4.18	10	< 1	0.03	10	0.26	195
L14S	300E	201	298	< 5	0.2	0.50	< 5	10	< 0.5	2	0.08	< 0.5	1	8	1	0.47	< 10	< 1	0.02	10	0.05	40
L14S	400E	201	298	< 5	0.2	0.47	< 5	10	< 0.5	< 2	0.09	< 0.5	2	16	37	0.58	< 10	< 1	0.02	10	0.05	35
L14S	450E	201	298	< 5	< 0.2	1.26	< 5	20	< 0.5	< 2	0.20	< 0.5	8	33	23	1.17	< 10	< 1	0.03	10	0.30	100
L14S	550E	201	298	< 5	< 0.2	0.91	< 5	10	< 0.5	< 2	0.09	< 0.5	2	15	4	1.16	< 10	< 1	0.02	10	0.06	40
L14S	600E	201	298	< 5	< 0.2	0.97	< 5	10	< 0.5	< 2	0.08	< 0.5	1	17	1	1.52	< 10	< 1	0.02	10	0.06	45
L14S	650E	201	298	< 5	< 0.2	0.47	< 5	10	< 0.5	< 2	0.32	< 0.5	2	23	22	0.64	< 10	< 1	0.02	< 10	0.06	55

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :I9116123
P.O. Number

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L12S	BLO+00	201	298	< 1	0.01	22	190	10	< 5	2	17	0.11	< 10	< 10	35	< 10	36
L12S	0+50W	201	298	< 1	0.01	14	250	12	< 5	3	14	0.12	< 10	< 10	39	< 10	34
L12S	100W	201	298	< 1	0.01	13	310	12	< 5	3	12	0.11	< 10	< 10	33	< 10	48
L12S	150W	201	298	< 1	< 0.01	7	240	14	< 5	1	8	0.08	< 10	< 10	29	< 10	36
L12S	200W	201	298	< 1	0.01	10	270	12	< 5	2	9	0.12	< 10	< 10	48	< 10	26
L12S	250W-A	201	298	< 1	0.01	15	410	18	< 5	3	9	0.11	< 10	< 10	41	< 10	40
L12S	250W-B	201	298	< 1	0.01	21	110	6	< 5	2	14	0.12	< 10	< 10	36	< 10	28
L12S	300W	201	298	< 1	0.01	25	210	10	< 5	2	16	0.13	< 10	< 10	37	< 10	32
L12S	350W	201	298	1	0.01	7	120	8	< 5	1	11	0.11	< 10	< 10	42	< 10	18
L12S	450W	201	298	< 1	0.01	19	260	14	< 5	2	14	0.12	< 10	< 10	40	< 10	20
L12S	500W	201	298	< 1	0.01	24	220	4	< 5	3	17	0.17	< 10	< 10	59	< 10	30
L12S	550W	201	298	1	0.01	5	150	4	< 5	2	14	0.20	< 10	< 10	113	< 10	18
L12S	600W	201	298	< 1	0.01	7	100	6	< 5	1	16	0.12	< 10	< 10	22	< 10	38
L12S	650W	201	298	< 1	0.01	21	330	< 2	< 5	3	13	0.13	< 10	< 10	39	< 10	32
L12S	700W	201	298	< 1	0.01	28	160	6	< 5	2	11	0.15	< 10	< 10	53	< 10	32
L12S	750W	201	298	< 1	< 0.01	6	110	2	< 5	1	11	0.13	< 10	< 10	65	< 10	18
L12S	900W	201	298	< 1	0.01	17	220	6	< 5	2	14	0.24	< 10	< 10	77	< 10	62
L12S	950W	201	298	< 1	0.01	8	60	2	< 5	1	14	0.09	< 10	< 10	17	< 10	18
L12S	1000W	201	298	< 1	0.01	7	100	2	< 5	1	12	0.09	< 10	< 10	27	< 10	28
L12S	1050W	201	298	< 1	< 0.01	7	160	4	< 5	1	13	0.10	< 10	< 10	32	< 10	24
L12S	1100W	201	298	< 1	0.01	19	180	4	< 5	2	14	0.11	< 10	< 10	32	< 10	22
L12S	1150W	201	298	< 1	0.01	11	320	< 2	< 5	2	14	0.12	< 10	< 10	38	< 10	36
L12S	1200W	201	298	< 1	< 0.01	7	190	6	< 5	1	11	0.10	< 10	< 10	31	< 10	30
L12S	1250W	201	298	< 1	0.01	15	350	8	< 5	2	15	0.13	< 10	< 10	46	< 10	40
L12S	1300W	201	298	< 1	0.01	4	70	4	< 5	1	16	0.10	< 10	< 10	21	< 10	16
L12S	1350W	201	298	< 1	0.01	13	310	10	< 5	1	12	0.09	< 10	< 10	31	< 10	44
L12S	1400W	201	298	< 1	0.01	18	290	6	< 5	3	14	0.14	< 10	< 10	46	< 10	42
L12S	1500W	201	298	< 1	< 0.01	4	80	8	< 5	< 1	8	0.08	< 10	< 10	30	< 10	12
L12S	1550W	201	298	< 1	0.01	16	540	2	< 5	2	12	0.10	< 10	< 10	36	< 10	32
L14S	0+50E	201	298	< 1	0.01	13	250	6	< 5	1	13	0.11	< 10	< 10	38	< 10	54
L14S	100E	201	298	< 1	0.01	13	170	10	< 5	1	13	0.12	< 10	< 10	39	< 10	28
L14S	150E	201	298	< 1	< 0.01	9	200	12	< 5	1	10	0.10	< 10	< 10	38	< 10	30
L14S	200E	201	298	< 1	0.01	12	120	8	< 5	1	14	0.15	< 10	< 10	31	< 10	30
L14S	250E	201	298	< 1	0.01	13	750	10	< 5	4	11	0.15	< 10	< 10	66	< 10	48
L14S	300E	201	298	< 1	< 0.01	4	70	8	< 5	1	12	0.10	< 10	< 10	30	< 10	14
L14S	400E	201	298	1	< 0.01	13	250	16	< 5	1	10	0.08	< 10	< 10	21	< 10	16
L14S	450E	201	298	< 1	0.01	18	180	6	< 5	2	15	0.14	< 10	< 10	32	< 10	34
L14S	550E	201	298	1	0.01	8	140	12	< 5	1	10	0.11	< 10	< 10	36	< 10	14
L14S	600E	201	298	< 1	< 0.01	5	140	6	< 5	1	11	0.14	< 10	< 10	50	< 10	22
L14S	650E	201	298	1	0.01	6	210	16	< 5	1	12	0.17	< 10	< 10	33	< 10	24

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :4-A
Total Pages :4
Certificate Date: 17-JUN-91
Invoice No. :I9116123
P.O. Number

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L14S 700E	201 298	< 5	< 0.2	0.80	< 5	10	< 0.5	< 2	0.15	< 0.5	2	19	8	1.17	< 10	1	0.02	10	0.11	65

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC. *

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :I9116123
P.O. Number

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L14S 700E	201	298	< 1	0.01	6	100	4	< 5	1	11	0.13	< 10	< 10	39	< 10	16

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :1-A
Total Pages :4
Certificate Date: 17-JUN-91
Invoice No. :I9116123
P.O. Number

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L8S	400E	201	298	15	0.2	0.66	< 5	10	0.5	< 2	0.09	< 0.5	2	24	11	1.92	< 10	< 1	0.02	< 10	0.16	70
L8S	450E	201	298	5	0.6	2.02	20	10	1.0	< 2	0.13	< 0.5	14	93	31	2.46	< 10	< 1	0.02	10	0.37	300
L8S	BL0+00	201	298	< 5	0.2	2.34	< 5	30	1.0	< 2	0.12	< 0.5	7	34	9	2.34	< 10	< 1	0.02	< 10	0.25	120
L8S	0+50W	201	298	< 5	< 0.2	0.74	< 5	20	< 0.5	< 2	0.08	< 0.5	2	15	10	0.97	< 10	< 1	0.02	10	0.08	45
L8S	100W	201	298	5	< 0.2	2.45	< 5	10	0.5	< 2	0.11	< 0.5	6	36	15	1.81	< 10	< 1	0.02	< 10	0.27	95
L8S	250W	201	298	< 5	< 0.2	1.53	< 5	10	< 0.5	< 2	0.04	< 0.5	1	14	10	0.88	< 10	< 1	0.01	10	0.04	25
L8S	300W	201	298	< 5	0.2	1.81	< 5	20	0.5	< 2	0.06	< 0.5	1	35	9	2.15	< 10	< 1	0.01	< 10	0.12	45
L8S	350W	201	298	5	0.4	1.82	5	20	1.0	< 2	0.08	< 0.5	3	36	10	2.53	10	< 1	0.02	< 10	0.21	95
L8S	400W	201	298	5	0.2	1.73	5	10	0.5	< 2	0.08	< 0.5	5	29	24	1.99	< 10	< 1	0.02	10	0.24	85
L8S	450W	201	298	< 5	< 0.2	0.79	5	20	< 0.5	< 2	0.04	< 0.5	1	12	3	1.20	< 10	< 1	0.01	< 10	0.05	35
L8S	500W	201	298	15	< 0.2	0.36	< 5	10	< 0.5	< 2	0.04	< 0.5	< 1	7	4	0.55	< 10	< 1	0.02	< 10	0.03	30
L8S	550W	201	298	< 5	0.2	0.83	< 5	30	0.5	< 2	0.13	< 0.5	5	44	12	2.09	< 10	< 1	0.04	< 10	0.30	225
L8S	600W	201	298	< 5	0.2	0.97	< 5	30	0.5	< 2	0.07	< 0.5	3	17	8	1.50	< 10	< 1	0.03	< 10	0.09	155
L8S	650W	201	298	< 5	0.4	1.42	5	30	0.5	< 2	0.24	< 0.5	9	53	7	2.58	10	< 1	0.04	< 10	0.56	340
L8S	700W	201	298	< 5	< 0.2	0.26	< 5	10	< 0.5	< 2	0.07	< 0.5	< 1	5	2	0.20	< 10	< 1	0.02	10	0.02	30
L8S	750W	201	298	< 5	< 0.2	0.71	5	10	< 0.5	< 2	0.07	< 0.5	1	19	8	1.71	< 10	< 1	0.02	< 10	0.12	60
L8S	800W	201	298	< 5	< 0.2	1.53	< 5	20	0.5	< 2	0.09	< 0.5	2	27	10	1.91	< 10	< 1	0.02	< 10	0.15	70
L8S	850W	201	298	< 5	< 0.2	1.58	5	20	0.5	< 2	0.11	< 0.5	4	31	23	1.55	< 10	< 1	0.02	10	0.25	80
L8S	900W	201	298	10	0.2	0.89	5	10	< 0.5	< 2	0.06	< 0.5	1	13	4	1.21	< 10	< 1	0.02	< 10	0.07	45
L8S	950W	201	298	< 5	< 0.2	1.63	< 5	50	0.5	< 2	0.12	< 0.5	6	36	37	2.01	< 10	< 1	0.02	10	0.31	90
L8S	1000W	201	298	< 5	0.2	0.74	< 5	30	< 0.5	< 2	0.09	< 0.5	1	16	7	1.51	< 10	< 1	0.02	< 10	0.07	55
L8S	1050W	201	298	< 5	0.4	1.19	< 5	20	< 0.5	< 2	0.07	< 0.5	1	22	5	3.10	< 10	< 1	0.01	< 10	0.10	100
L8S	1100W	201	298	< 5	0.2	1.65	10	30	< 0.5	< 2	0.15	< 0.5	8	34	23	2.90	10	< 1	0.03	< 10	0.51	540
L8S	1150W	201	298	< 5	0.2	1.52	< 5	30	< 0.5	< 2	0.08	< 0.5	1	24	7	2.83	< 10	< 1	0.01	< 10	0.10	95
L8S	1200W	201	298	< 5	< 0.2	0.26	< 5	10	< 0.5	< 2	0.05	< 0.5	< 1	4	1	0.24	< 10	< 1	0.01	< 10	0.01	25
L8S	1250W	201	298	10	< 0.2	0.24	< 5	10	< 0.5	< 2	0.03	< 0.5	< 1	3	4	0.23	< 10	< 1	0.02	< 10	0.01	30
L8S	1300W	201	298	< 5	< 0.2	1.07	< 5	20	< 0.5	< 2	0.16	< 0.5	4	23	11	0.81	< 10	< 1	0.04	10	0.26	80
L8S	1350W	201	298	< 5	< 0.2	0.32	5	40	< 0.5	< 2	0.11	< 0.5	< 1	9	3	0.78	10	< 1	0.02	< 10	0.04	55
L8S	1400W	201	298	< 5	< 0.2	1.18	10	20	< 0.5	< 2	0.12	< 0.5	3	28	11	1.58	< 10	< 1	0.02	10	0.23	95
L8S	1450W	201	298	< 5	0.4	1.76	5	30	< 0.5	< 2	0.12	< 0.5	4	30	6	2.00	10	< 1	0.04	< 10	0.21	125
L8S	1500W	201	298	< 5	0.2	2.26	5	30	< 0.5	< 2	0.13	< 0.5	6	34	5	1.87	< 10	< 1	0.02	10	0.23	110
L10S	0+50E	201	298	< 5	< 0.2	1.99	5	20	< 0.5	< 2	0.11	< 0.5	5	34	11	1.89	< 10	< 1	0.02	< 10	0.25	95
L10S	100E	201	298	< 5	< 0.2	0.89	< 5	30	< 0.5	< 2	0.11	< 0.5	3	24	10	0.92	< 10	< 1	0.01	< 10	0.27	80
L10S	150E	201	298	< 5	0.4	1.53	10	10	< 0.5	< 2	0.12	< 0.5	6	29	9	1.41	< 10	< 1	0.02	< 10	0.27	95
L10S	200E	201	298	< 5	< 0.2	0.72	10	10	< 0.5	< 2	0.09	< 0.5	3	21	9	1.24	< 10	< 1	0.01	< 10	0.18	85
L10S	250E	201	298	< 5	0.2	1.12	< 5	20	< 0.5	< 2	0.10	< 0.5	5	26	29	1.21	< 10	< 1	0.02	10	0.23	70
L10S	300E	201	298	< 5	0.2	0.23	< 5	30	< 0.5	< 2	0.06	< 0.5	1	10	12	0.70	< 10	1	0.03	< 10	0.02	35
L10S	350E	201	298	10	0.2	1.44	< 5	20	< 0.5	< 2	0.08	< 0.5	2	22	16	1.86	< 10	< 1	0.01	< 10	0.11	50
L10S	400E	201	298	< 5	0.2	2.11	< 5	10	< 0.5	< 2	0.10	< 0.5	2	33	13	2.14	< 10	< 1	0.02	< 10	0.16	80
L10S	450E	201	298	< 5	< 0.2	0.52	< 5	20	< 0.5	< 2	0.07	< 0.5	< 1	17	14	1.39	10	< 1	0.02	< 10	0.04	40

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. A9116123
P.O. Number

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L8S	400E	201	298	< 1	< 0.01	11	130	10	< 5	1	7	0.12	< 10	< 10	54	< 10	16
L8S	450E	201	298	1	< 0.01	36	230	60	< 5	2	8	0.07	< 10	< 10	36	< 10	82
L8S	BL0+00	201	298	< 1	0.01	22	330	8	< 5	2	8	0.11	< 10	< 10	38	< 10	48
L8S	0+50W	201	298	< 1	< 0.01	10	110	8	< 5	1	8	0.08	< 10	< 10	33	< 10	14
L8S	100W	201	298	< 1	0.01	16	160	4	< 5	3	8	0.11	< 10	< 10	32	< 10	22
L8S	250W	201	298	< 1	< 0.01	5	160	6	< 5	1	5	0.04	< 10	< 10	20	< 10	14
L8S	300W	201	298	< 1	< 0.01	8	240	6	< 5	2	5	0.09	< 10	< 10	42	< 10	28
L8S	350W	201	298	< 1	< 0.01	11	240	8	< 5	2	5	0.11	< 10	< 10	49	< 10	42
L8S	400W	201	298	< 1	< 0.01	13	180	18	< 5	3	5	0.11	< 10	< 10	44	< 10	128
L8S	450W	201	298	< 1	< 0.01	3	120	8	< 5	1	4	0.07	< 10	< 10	29	< 10	24
L8S	500W	201	298	< 1	< 0.01	4	160	12	< 5	< 1	4	0.09	< 10	< 10	30	< 10	18
L8S	550W	201	298	< 1	0.01	20	290	16	< 5	1	11	0.11	< 10	< 10	46	< 10	70
L8S	600W	201	298	< 1	< 0.01	10	310	20	< 5	1	5	0.07	< 10	< 10	32	< 10	46
L8S	650W	201	298	< 1	0.01	24	440	8	< 5	2	13	0.12	< 10	< 10	52	< 10	62
L8S	700W	201	298	< 1	< 0.01	1	70	6	< 5	< 1	8	0.06	< 10	< 10	10	< 10	14
L8S	750W	201	298	< 1	< 0.01	9	170	16	< 5	1	7	0.11	< 10	< 10	49	< 10	24
L8S	800W	201	298	< 1	< 0.01	12	280	8	< 5	2	7	0.10	< 10	< 10	41	< 10	38
L8S	850W	201	298	< 1	0.01	16	190	6	< 5	2	7	0.09	< 10	< 10	29	< 10	32
L8S	900W	201	298	< 1	< 0.01	4	190	4	< 5	1	5	0.07	< 10	< 10	28	< 10	30
L8S	950W	201	298	2	0.01	24	170	24	< 5	2	9	0.09	< 10	< 10	45	< 10	94
L8S	1000W	201	298	< 1	< 0.01	7	200	12	< 5	1	7	0.09	< 10	< 10	37	< 10	46
L8S	1050W	201	298	< 1	< 0.01	4	340	14	< 5	2	4	0.09	< 10	< 10	45	< 10	56
L8S	1100W	201	298	< 1	< 0.01	18	370	224	< 5	3	8	0.17	< 10	< 10	74	< 10	378
L8S	1150W	201	298	< 1	< 0.01	5	570	12	< 5	1	6	0.09	< 10	< 10	46	< 10	60
L8S	1200W	201	298	< 1	< 0.01	2	70	4	< 5	< 1	5	0.04	< 10	< 10	10	< 10	10
L8S	1250W	201	298	< 1	< 0.01	2	70	12	< 5	< 1	4	0.02	< 10	< 10	8	< 10	18
L8S	1300W	201	298	< 1	0.01	14	160	8	< 5	2	11	0.09	< 10	< 10	21	< 10	54
L8S	1350W	201	298	< 1	< 0.01	5	130	8	< 5	< 1	11	0.09	< 10	< 10	39	< 10	24
L8S	1400W	201	298	< 1	0.01	15	260	8	< 5	2	10	0.09	< 10	< 10	30	< 10	26
L8S	1450W	201	298	< 1	0.01	15	360	10	< 5	2	9	0.10	< 10	< 10	33	< 10	46
L8S	1500W	201	298	< 1	0.01	18	430	4	< 5	2	9	0.09	< 10	< 10	33	< 10	40
L10S	0+50E	201	298	< 1	0.01	15	260	6	< 5	3	7	0.10	< 10	< 10	30	< 10	26
L10S	100E	201	298	< 1	< 0.01	13	80	2	< 5	1	7	0.09	< 10	< 10	26	< 10	20
L10S	150E	201	298	< 1	< 0.01	16	240	6	< 5	2	7	0.07	< 10	< 10	27	< 10	22
L10S	200E	201	298	< 1	< 0.01	12	170	6	< 5	1	6	0.07	< 10	< 10	25	< 10	20
L10S	250E	201	298	< 1	< 0.01	19	130	8	< 5	2	6	0.08	< 10	< 10	23	< 10	38
L10S	300E	201	298	< 1	< 0.01	6	130	12	< 5	< 1	7	0.05	< 10	< 10	20	< 10	30
L10S	350E	201	298	< 1	< 0.01	7	260	10	< 5	2	7	0.08	< 10	< 10	29	< 10	40
L10S	400E	201	298	1	< 0.01	10	1010	32	< 5	2	6	0.07	< 10	< 10	37	< 10	52
L10S	450E	201	298	< 1	< 0.01	7	240	16	< 5	1	7	0.11	< 10	< 10	65	< 10	32

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :19116123
P.O. Numbe

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L10S	500E	201	298	< 5	< 0.2	0.47	5	30	< 0.5	< 2	0.12	0.5	1	14	62	0.79	< 10	< 1	0.02	< 10	0.04	40
L10S	BL0+00	201	298	< 5	0.2	2.40	< 5	20	< 0.5	< 2	0.11	< 0.5	6	35	13	1.65	< 10	< 1	0.02	10	0.23	80
L10S	150W	201	298	< 5	< 0.2	1.82	< 5	10	< 0.5	< 2	0.11	< 0.5	1	28	9	1.70	< 10	< 1	0.01	< 10	0.16	65
L10S	200W	201	298	< 5	0.4	0.82	15	20	< 0.5	< 2	0.08	< 0.5	< 1	25	9	2.85	10	< 1	0.01	< 10	0.11	70
L10S	250W	201	298	< 5	< 0.2	0.67	5	50	< 0.5	< 2	0.09	< 0.5	2	27	15	1.48	< 10	< 1	0.03	< 10	0.15	275
L10S	300W	201	298	< 5	< 0.2	1.10	< 5	20	< 0.5	< 2	0.05	< 0.5	< 1	17	6	1.84	< 10	< 1	0.01	< 10	0.05	40
L10S	350W	201	298	< 5	< 0.2	0.76	< 5	20	< 0.5	< 2	0.12	< 0.5	3	24	16	0.82	< 10	< 1	< 0.01	10	0.24	70
L10S	450W	201	298	< 5	0.2	1.98	< 5	10	< 0.5	< 2	0.07	< 0.5	4	32	7	1.51	< 10	< 1	< 0.01	< 10	0.21	85
L10S	500W	201	298	< 5	< 0.2	1.71	< 5	10	< 0.5	< 2	0.07	< 0.5	3	27	7	1.27	< 10	< 1	0.01	< 10	0.19	65
L10S	550W	201	298	< 5	< 0.2	0.94	< 5	10	< 0.5	< 2	0.06	< 0.5	< 1	12	5	0.64	< 10	< 1	< 0.01	< 10	0.07	30
L10S	600W	201	298	< 5	0.4	1.61	5	20	< 0.5	< 2	0.09	< 0.5	1	27	9	1.84	< 10	< 1	0.01	< 10	0.16	75
L10S	650W	201	298	< 5	0.2	2.33	5	20	< 0.5	< 2	0.14	< 0.5	4	35	16	2.00	< 10	< 1	0.01	10	0.30	150
L10S	700W	201	298	< 5	0.2	1.45	5	20	< 0.5	< 2	0.07	< 0.5	2	24	6	1.93	< 10	< 1	0.01	< 10	0.12	60
L10S	800W	201	298	< 5	< 0.2	1.34	< 5	20	< 0.5	< 2	0.10	< 0.5	3	27	8	1.39	< 10	< 1	0.02	10	0.22	85
L10S	850W	201	298	< 5	0.4	0.96	< 5	10	< 0.5	< 2	0.10	< 0.5	1	26	6	2.35	< 10	< 1	0.02	< 10	0.18	100
L10S	900W	201	298	< 5	< 0.2	0.31	< 5	10	< 0.5	< 2	0.04	< 0.5	< 1	6	1	0.51	< 10	< 1	0.01	< 10	0.03	20
L10S	950W	201	298	< 5	0.4	2.21	< 5	30	< 0.5	< 2	0.18	0.5	10	38	22	2.82	< 10	< 1	0.02	10	0.50	345
L10S	1000W	201	298	< 5	0.2	1.30	5	20	< 0.5	< 2	0.12	< 0.5	3	23	6	1.93	< 10	< 1	0.01	< 10	0.19	235
L10S	1050W	201	298	< 5	0.2	1.16	5	20	< 0.5	< 2	0.09	< 0.5	3	26	11	2.46	< 10	< 1	0.01	< 10	0.21	160
L10S	1100W	201	298	< 5	< 0.2	0.44	< 5	20	< 0.5	< 2	0.09	< 0.5	< 1	18	6	1.08	< 10	< 1	0.01	< 10	0.08	75
L10S	1150W	201	298	< 5	0.2	1.56	< 5	40	< 0.5	< 2	0.08	< 0.5	2	28	8	2.51	< 10	< 1	0.02	< 10	0.18	100
L10S	1200W	201	298	< 5	< 0.2	1.33	< 5	10	< 0.5	< 2	0.11	< 0.5	4	29	6	1.25	< 10	< 1	0.01	10	0.25	85
L10S	1250W	201	298	< 5	< 0.2	1.09	< 5	30	< 0.5	< 2	0.09	< 0.5	4	23	13	1.42	< 10	< 1	0.01	< 10	0.23	70
L10S	1300W	201	298	< 5	0.6	1.46	5	30	< 0.5	< 2	0.09	< 0.5	35	62	17	5.88	< 10	1	0.01	10	0.21	1520
L10S	1350W	201	298	< 5	0.8	2.07	10	40	< 0.5	< 2	0.21	< 0.5	10	32	58	6.97	10	< 1	0.07	< 10	0.76	380
L10S	1400W	201	298	< 5	0.6	2.00	5	50	< 0.5	< 2	0.08	< 0.5	20	54	27	4.02	< 10	< 1	0.02	10	0.21	740
L10S	1450W	201	298	< 5	< 0.2	0.75	5	30	< 0.5	< 2	0.13	< 0.5	< 1	17	2	1.28	< 10	< 1	0.04	10	0.08	65
L10S	1500W	201	298	< 5	< 0.2	1.04	< 5	20	< 0.5	< 2	0.16	< 0.5	3	26	8	1.90	< 10	< 1	0.03	< 10	0.26	105
L10S	1550W	201	298	< 5	< 0.2	0.62	< 5	20	< 0.5	< 2	0.10	< 0.5	1	16	3	1.05	< 10	< 1	0.02	< 10	0.09	65
L12S	0+50E	201	298	< 5	0.2	1.42	< 5	20	< 0.5	< 2	0.09	< 0.5	3	25	8	2.28	< 10	< 1	0.02	10	0.14	70
L12S	100E	201	298	< 5	< 0.2	0.44	< 5	10	< 0.5	< 2	0.05	< 0.5	< 1	6	< 1	0.58	< 10	< 1	0.01	10	0.03	30
L12S	150E	201	298	< 5	< 0.2	0.44	5	20	< 0.5	< 2	0.09	< 0.5	< 1	7	< 1	0.61	< 10	< 1	0.01	10	0.05	50
L12S	200E	201	298	< 5	< 0.2	0.84	< 5	20	< 0.5	< 2	0.10	< 0.5	1	15	< 1	1.20	< 10	< 1	0.02	< 10	0.12	65
L12S	300E	201	298	< 5	< 0.2	1.19	< 5	50	< 0.5	< 2	0.26	< 0.5	4	30	25	0.81	< 10	< 1	0.03	30	0.25	80
L12S	350E	201	298	< 5	< 0.2	0.81	5	20	< 0.5	< 2	0.12	< 0.5	2	25	7	1.66	< 10	< 1	0.02	< 10	0.15	65
L12S	400E	201	298	< 5	< 0.2	0.84	5	10	< 0.5	< 2	0.11	< 0.5	< 1	13	4	0.95	< 10	< 1	0.02	10	0.05	40
L12S	450E	201	298	< 5	0.2	2.00	< 5	20	< 0.5	2	0.20	< 0.5	3	37	14	1.97	< 10	< 1	0.03	10	0.22	90
L12S	500E	201	298	< 5	< 0.2	0.70	< 5	20	< 0.5	< 2	0.12	< 0.5	< 1	14	5	0.85	< 10	< 1	0.02	10	0.05	50
L12S	550E	201	298	< 5	0.2	2.34	5	20	< 0.5	< 2	0.12	< 0.5	2	33	6	2.41	10	< 1	0.02	10	0.12	55
L12S	600E	201	298	< 5	0.2	1.11	< 5	10	< 0.5	< 2	0.29	< 0.5	3	31	17	2.41	< 10	< 1	0.04	< 10	0.33	120

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :19116123
P.O. Number

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L10S	500E	201	298	< 1	0.01	16	190	22	< 5	1	5	0.07	< 10	< 10	25	< 10	28
L10S	BL0+00	201	298	< 1	0.01	17	260	6	< 5	2	8	0.09	< 10	< 10	30	< 10	30
L10S	150W	201	298	< 1	0.01	8	270	2	< 5	2	8	0.11	< 10	< 10	36	< 10	30
L10S	200W	201	298	< 1	< 0.01	6	710	12	< 5	1	7	0.11	< 10	< 10	54	< 10	38
L10S	250W	201	298	< 1	< 0.01	9	570	18	< 5	1	8	0.07	< 10	< 10	33	< 10	78
L10S	300W	201	298	< 1	< 0.01	7	250	14	< 5	< 1	5	0.08	< 10	< 10	39	< 10	26
L10S	350W	201	298	< 1	< 0.01	13	140	4	< 5	1	7	0.07	< 10	< 10	19	< 10	18
L10S	450W	201	298	< 1	0.01	16	460	8	< 5	1	5	0.07	< 10	< 10	27	< 10	30
L10S	500W	201	298	< 1	< 0.01	11	310	4	< 5	1	5	0.06	< 10	< 10	25	< 10	30
L10S	550W	201	298	< 1	< 0.01	5	110	6	< 5	1	5	0.05	< 10	< 10	16	< 10	14
L10S	600W	201	298	< 1	< 0.01	10	530	6	< 5	1	7	0.09	< 10	< 10	35	< 10	40
L10S	650W	201	298	< 1	0.01	16	600	4	< 5	2	8	0.10	< 10	< 10	36	< 10	42
L10S	700W	201	298	< 1	< 0.01	9	250	12	< 5	1	6	0.10	< 10	< 10	36	< 10	42
L10S	800W	201	298	< 1	< 0.01	13	190	2	< 5	2	8	0.10	< 10	< 10	28	< 10	34
L10S	850W	201	298	< 1	< 0.01	8	400	4	< 5	1	8	0.11	< 10	< 10	42	< 10	42
L10S	900W	201	298	< 1	< 0.01	3	80	10	< 5	< 1	4	0.06	< 10	< 10	18	< 10	22
L10S	950W	201	298	< 1	0.01	19	390	100	< 5	3	8	0.16	< 10	< 10	54	< 10	330
L10S	1000W	201	298	< 1	< 0.01	7	270	30	< 5	1	8	0.11	< 10	< 10	35	< 10	158
L10S	1050W	201	298	< 1	< 0.01	10	300	12	< 5	2	6	0.10	< 10	< 10	40	< 10	68
L10S	1100W	201	298	< 1	< 0.01	6	220	14	< 5	1	6	0.08	< 10	< 10	29	< 10	36
L10S	1150W	201	298	< 1	< 0.01	10	420	10	< 5	1	6	0.11	< 10	< 10	38	< 10	90
L10S	1200W	201	298	< 1	0.01	16	260	4	< 5	2	7	0.08	< 10	< 10	24	< 10	32
L10S	1250W	201	298	< 1	0.01	13	150	6	< 5	1	7	0.09	< 10	< 10	27	< 10	46
L10S	1300W	201	298	2	< 0.01	14	670	6	< 5	2	6	0.08	< 10	< 10	74	< 10	60
L10S	1350W	201	298	< 1	< 0.01	19	340	10	< 5	4	14	0.61	< 10	< 10	186	< 10	174
L10S	1400W	201	298	< 1	< 0.01	18	560	4	< 5	2	7	0.06	< 10	< 10	41	< 10	282
L10S	1450W	201	298	< 1	0.01	5	180	10	< 5	1	14	0.12	< 10	< 10	36	< 10	116
L10S	1500W	201	298	< 1	0.01	13	160	12	< 5	2	14	0.15	< 10	< 10	43	< 10	44
L10S	1550W	201	298	< 1	< 0.01	8	120	10	< 5	1	10	0.11	< 10	< 10	29	< 10	28
L12S	0+50E	201	298	< 1	< 0.01	9	230	4	< 5	2	8	0.11	< 10	< 10	38	< 10	26
L12S	100E	201	298	< 1	< 0.01	2	90	4	< 5	< 1	6	0.08	< 10	< 10	21	< 10	12
L12S	150E	201	298	< 1	< 0.01	2	150	6	< 5	1	8	0.10	< 10	< 10	23	< 10	22
L12S	200E	201	298	< 1	< 0.01	7	160	4	< 5	1	9	0.10	< 10	< 10	27	< 10	30
L12S	300E	201	298	< 1	0.01	17	580	4	< 5	4	17	0.10	< 10	< 10	19	< 10	32
L12S	350E	201	298	< 1	0.01	9	150	8	< 5	1	12	0.11	< 10	< 10	39	< 10	18
L12S	400E	201	298	< 1	< 0.01	5	100	8	< 5	1	13	0.10	< 10	< 10	27	< 10	16
L12S	450E	201	298	< 1	0.01	16	330	12	< 5	2	16	0.12	< 10	< 10	35	< 10	48
L12S	500E	201	298	< 1	< 0.01	5	100	12	< 5	1	14	0.09	< 10	< 10	25	< 10	28
L12S	550E	201	298	< 1	0.01	9	210	6	< 5	2	13	0.13	< 10	< 10	48	< 10	24
L12S	600E	201	298	1	0.01	16	200	16	< 5	2	15	0.19	< 10	< 10	57	< 10	50

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :19116123
P.O. Number :

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L12S	BL0+00	201	298	< 5	< 0.2	1.85	< 5	40	< 0.5	< 2	0.17	< 0.5	8	35	6	1.65	< 10	< 1	0.03	10	0.29	125
L12S	0+50W	201	298	< 5	< 0.2	2.50	20	10	< 0.5	< 2	0.15	< 0.5	7	44	7	1.93	< 10	< 1	0.01	10	0.23	95
L12S	100W	201	298	< 5	0.2	2.25	5	10	< 0.5	< 2	0.13	< 0.5	5	35	7	1.58	< 10	< 1	0.02	10	0.20	85
L12S	150W	201	298	< 5	0.2	1.37	15	10	< 0.5	< 2	0.08	< 0.5	3	21	14	1.51	< 10	< 1	< 0.01	10	0.05	40
L12S	200W	201	298	< 5	0.2	2.19	5	20	< 0.5	< 2	0.09	< 0.5	5	32	3	2.71	10	< 1	0.01	< 10	0.12	65
L12S	250W-A	201	298	< 5	0.2	3.29	5	20	< 0.5	< 2	0.12	< 0.5	7	43	5	2.86	10	< 1	0.01	10	0.19	80
L12S	250W-B	201	298	< 5	0.2	1.61	5	40	< 0.5	< 2	0.15	< 0.5	9	33	13	1.50	< 10	< 1	0.03	10	0.27	100
L12S	300W	201	298	5	0.4	2.52	10	30	< 0.5	< 2	0.18	< 0.5	11	39	4	1.87	10	< 1	0.03	10	0.24	110
L12S	350W	201	298	< 5	0.4	0.82	< 5	10	< 0.5	< 2	0.09	< 0.5	4	18	3	1.28	10	< 1	0.02	10	0.09	55
L12S	450W	201	298	< 5	0.4	2.06	15	20	< 0.5	< 2	0.16	< 0.5	8	38	15	2.31	< 10	< 1	0.02	10	0.27	105
L12S	500W	201	298	< 5	0.2	3.26	< 5	40	< 0.5	< 2	0.18	< 0.5	11	45	8	2.95	10	< 1	0.03	10	0.24	100
L12S	550W	201	298	< 5	< 0.2	0.89	5	10	< 0.5	< 2	0.15	< 0.5	3	19	8	2.47	10	< 1	< 0.01	10	0.14	75
L12S	600W	201	298	< 5	< 0.2	0.95	10	20	< 0.5	< 2	0.14	< 0.5	2	17	9	0.51	10	< 1	0.01	10	0.09	50
L12S	650W	201	298	5	0.8	3.43	10	20	< 0.5	< 2	0.16	< 0.5	10	46	12	2.17	< 10	< 1	0.02	10	0.30	110
L12S	700W	201	298	< 5	< 0.2	1.90	5	30	< 0.5	< 2	0.14	< 0.5	10	42	26	2.62	< 10	< 1	0.02	10	0.35	115
L12S	750W	201	298	< 5	< 0.2	0.78	5	10	< 0.5	< 2	0.08	< 0.5	3	18	6	1.88	< 10	< 1	0.01	< 10	0.07	45
L12S	900W	201	298	< 5	< 0.2	1.84	< 5	20	< 0.5	< 2	0.17	< 0.5	9	35	25	3.32	< 10	< 1	0.03	10	0.36	150
L12S	950W	201	298	< 5	< 0.2	0.72	5	20	< 0.5	< 2	0.14	< 0.5	3	17	5	0.56	< 10	< 1	0.01	10	0.15	60
L12S	1000W	201	298	< 5	< 0.2	0.54	< 5	20	< 0.5	< 2	0.11	< 0.5	3	15	3	0.87	< 10	< 1	0.02	< 10	0.10	115
L12S	1050W	201	298	< 5	< 0.2	0.97	< 5	20	< 0.5	< 2	0.12	< 0.5	3	18	3	1.24	< 10	< 1	0.01	10	0.11	65
L12S	1100W	201	298	< 5	< 0.2	1.76	5	20	< 0.5	< 2	0.16	< 0.5	7	31	14	1.47	< 10	< 1	0.03	10	0.26	95
L12S	1150W	201	298	< 5	< 0.2	2.11	< 5	20	< 0.5	< 2	0.14	< 0.5	4	31	6	1.94	< 10	< 1	0.03	10	0.15	75
L12S	1200W	201	298	< 5	< 0.2	1.10	< 5	10	< 0.5	< 2	0.10	< 0.5	2	18	4	1.27	< 10	< 1	0.02	10	0.09	55
L12S	1250W	201	298	< 5	< 0.2	2.24	5	30	< 0.5	2	0.16	< 0.5	6	39	16	2.44	< 10	< 1	0.03	10	0.23	95
L12S	1300W	201	298	< 5	< 0.2	0.82	< 5	10	< 0.5	< 2	0.12	< 0.5	1	12	3	0.50	< 10	< 1	0.02	10	0.07	50
L12S	1350W	201	298	< 5	0.2	1.53	< 5	20	< 0.5	< 2	0.13	< 0.5	5	24	8	1.51	< 10	< 1	0.02	10	0.15	130
L12S	1400W	201	298	< 5	< 0.2	2.49	5	30	< 0.5	< 2	0.15	< 0.5	7	40	7	2.61	< 10	1	0.03	10	0.27	110
L12S	1500W	201	298	< 5	< 0.2	0.42	< 5	10	< 0.5	< 2	0.06	< 0.5	1	9	2	0.63	< 10	< 1	0.01	10	0.03	40
L12S	1550W	201	298	< 5	< 0.2	2.03	5	20	< 0.5	2	0.15	< 0.5	6	34	11	1.75	< 10	< 1	0.03	10	0.25	125
L14S	0+50E	201	298	< 5	< 0.2	1.72	5	20	< 0.5	< 2	0.14	< 0.5	5	28	5	1.80	< 10	< 1	0.02	10	0.17	100
L14S	100E	201	298	< 5	< 0.2	0.98	< 5	10	< 0.5	< 2	0.15	< 0.5	5	26	14	1.69	< 10	< 1	0.02	< 10	0.20	175
L14S	150E	201	298	< 5	< 0.2	0.75	< 5	20	< 0.5	< 2	0.10	< 0.5	3	19	8	1.70	< 10	< 1	0.03	< 10	0.12	90
L14S	200E	201	298	< 5	< 0.2	0.86	5	20	< 0.5	< 2	0.20	< 0.5	6	20	16	1.04	< 10	< 1	0.03	10	0.24	105
L14S	250E	201	298	< 5	< 0.2	2.07	< 5	10	< 0.5	2	0.14	< 0.5	7	32	16	4.18	10	< 1	0.03	10	0.26	195
L14S	300E	201	298	< 5	0.2	0.50	< 5	10	< 0.5	2	0.08	< 0.5	1	8	1	0.47	< 10	< 1	0.02	10	0.05	40
L14S	400E	201	298	< 5	0.2	0.47	< 5	10	< 0.5	< 2	0.09	< 0.5	2	16	37	0.58	< 10	< 1	0.02	10	0.05	35
L14S	450E	201	298	< 5	< 0.2	1.26	< 5	20	< 0.5	< 2	0.20	< 0.5	8	33	23	1.17	< 10	< 1	0.03	10	0.30	100
L14S	550E	201	298	< 5	< 0.2	0.91	< 5	10	< 0.5	< 2	0.09	< 0.5	2	15	4	1.16	< 10	< 1	0.02	10	0.06	40
L14S	600E	201	298	< 5	< 0.2	0.97	< 5	10	< 0.5	< 2	0.08	< 0.5	1	17	1	1.52	< 10	< 1	0.02	10	0.06	45
L14S	650E	201	298	< 5	< 0.2	0.47	< 5	10	< 0.5	< 2	0.32	< 0.5	2	23	22	0.64	< 10	< 1	0.02	< 10	0.06	55

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 17-JUN-91
Invoice No. :I9116123
P.O. Number

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L12S	BLO+00	201	298	< 1	0.01	22	190	10	< 5	2	17	0.11	< 10	< 10	35	< 10	36
L12S	0+50W	201	298	< 1	0.01	14	250	12	< 5	3	14	0.12	< 10	< 10	39	< 10	34
L12S	100W	201	298	< 1	0.01	13	310	12	< 5	3	12	0.11	< 10	< 10	33	< 10	48
L12S	150W	201	298	< 1	< 0.01	7	240	14	< 5	1	8	0.08	< 10	< 10	29	< 10	36
L12S	200W	201	298	< 1	0.01	10	270	12	< 5	2	9	0.12	< 10	< 10	48	< 10	26
L12S	250W-A	201	298	< 1	0.01	15	410	18	< 5	3	9	0.11	< 10	< 10	41	< 10	40
L12S	250W-B	201	298	< 1	0.01	21	110	6	< 5	2	14	0.12	< 10	< 10	36	< 10	28
L12S	300W	201	298	< 1	0.01	25	210	10	< 5	2	16	0.13	< 10	< 10	37	< 10	32
L12S	350W	201	298	1	0.01	7	120	8	< 5	1	11	0.11	< 10	< 10	42	< 10	18
L12S	450W	201	298	< 1	0.01	19	260	14	< 5	2	14	0.12	< 10	< 10	40	< 10	20
L12S	500W	201	298	< 1	0.01	24	220	4	< 5	3	17	0.17	< 10	< 10	59	< 10	30
L12S	550W	201	298	1	0.01	5	150	4	< 5	2	14	0.20	< 10	< 10	113	< 10	18
L12S	600W	201	298	< 1	0.01	7	100	6	< 5	1	16	0.12	< 10	< 10	22	< 10	38
L12S	650W	201	298	< 1	0.01	21	330	< 2	< 5	3	13	0.13	< 10	< 10	39	< 10	32
L12S	700W	201	298	< 1	0.01	28	160	6	< 5	2	11	0.15	< 10	< 10	53	< 10	32
L12S	750W	201	298	< 1	< 0.01	6	110	2	< 5	1	11	0.13	< 10	< 10	65	< 10	18
L12S	900W	201	298	< 1	0.01	17	220	6	< 5	2	14	0.24	< 10	< 10	77	< 10	62
L12S	950W	201	298	< 1	0.01	8	60	2	< 5	1	14	0.09	< 10	< 10	17	< 10	18
L12S	1000W	201	298	< 1	0.01	7	100	2	< 5	1	12	0.09	< 10	< 10	27	< 10	28
L12S	1050W	201	298	< 1	< 0.01	7	160	4	< 5	1	13	0.10	< 10	< 10	32	< 10	24
L12S	1100W	201	298	< 1	0.01	19	180	4	< 5	2	14	0.11	< 10	< 10	32	< 10	22
L12S	1150W	201	298	< 1	0.01	11	320	< 2	< 5	2	14	0.12	< 10	< 10	38	< 10	36
L12S	1200W	201	298	< 1	< 0.01	7	190	6	< 5	1	11	0.10	< 10	< 10	31	< 10	30
L12S	1250W	201	298	< 1	0.01	15	350	8	< 5	2	15	0.13	< 10	< 10	46	< 10	40
L12S	1300W	201	298	< 1	0.01	4	70	4	< 5	1	16	0.10	< 10	< 10	21	< 10	16
L12S	1350W	201	298	< 1	0.01	13	310	10	< 5	1	12	0.09	< 10	< 10	31	< 10	44
L12S	1400W	201	298	< 1	0.01	18	290	6	< 5	3	14	0.14	< 10	< 10	46	< 10	42
L12S	1500W	201	298	< 1	< 0.01	4	80	8	< 5	< 1	8	0.08	< 10	< 10	30	< 10	12
L12S	1550W	201	298	< 1	0.01	16	540	2	< 5	2	12	0.10	< 10	< 10	36	< 10	32
L14S	0+50E	201	298	< 1	0.01	13	250	6	< 5	1	13	0.11	< 10	< 10	38	< 10	54
L14S	100E	201	298	< 1	0.01	13	170	10	< 5	1	13	0.12	< 10	< 10	39	< 10	28
L14S	150E	201	298	< 1	< 0.01	9	200	12	< 5	1	10	0.10	< 10	< 10	38	< 10	30
L14S	200E	201	298	< 1	0.01	12	120	8	< 5	1	14	0.15	< 10	< 10	31	< 10	30
L14S	250E	201	298	< 1	0.01	13	750	10	< 5	4	11	0.15	< 10	< 10	66	< 10	48
L14S	300E	201	298	< 1	< 0.01	4	70	8	< 5	1	12	0.10	< 10	< 10	30	< 10	14
L14S	400E	201	298	1	< 0.01	13	250	16	< 5	1	10	0.08	< 10	< 10	21	< 10	16
L14S	450E	201	298	< 1	0.01	18	180	6	< 5	2	15	0.14	< 10	< 10	32	< 10	34
L14S	550E	201	298	1	0.01	8	140	12	< 5	1	10	0.11	< 10	< 10	36	< 10	14
L14S	600E	201	298	< 1	< 0.01	5	140	6	< 5	1	11	0.14	< 10	< 10	50	< 10	22
L14S	650E	201	298	1	0.01	6	210	16	< 5	1	12	0.17	< 10	< 10	33	< 10	24

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :4-A
Total Pages :*4*
Certificate Date: 17-JUN-91
Invoice No. :19116123
P.O. Number

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L14S 700E	201	298	< 5	< 0.2	0.80	< 5	10	< 0.5	< 2	0.15	< 0.5	2	19	8	1.17	< 10	1	0.02	10	0.11	65

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :4-B
Total Pages :4
Certificate Date: 17-JUN-91
Invoice No. :19116123
P.O. Number

CERTIFICATE OF ANALYSIS A9116123

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L14S 700E	201	298	< 1	0.01	6	100	4	< 5	1	11	0.13	< 10	< 10	39	< 10	16

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-089-"C"
Comments: ATTN: H. TRACANELLI

Page Number :1-A
Total Pages :5
Certificate Date: 18-JUN-91
Invoice No. :I9116124
P.O. Number :

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L14S	750E	201	298	< 5	< 0.2	2.62	< 5	30	0.5	< 2	0.20	< 0.5	6	46	45	2.81	< 10	< 1	0.02	10	0.20	90
L14S	BL0+00	201	298	< 5	< 0.2	1.37	< 5	20	< 0.5	2	0.13	< 0.5	2	27	12	1.74	< 10	< 1	0.02	< 10	0.16	65
L14S	0+50W	201	298	< 5	< 0.2	1.06	< 5	20	< 0.5	< 2	0.15	< 0.5	4	23	12	1.53	< 10	< 1	0.02	10	0.18	70
L14S	100W	201	298	5	< 0.2	0.94	< 5	10	< 0.5	< 2	0.09	< 0.5	2	17	3	1.53	< 10	< 1	0.01	< 10	0.21	75
L14S	150W	201	298	< 5	< 0.2	2.95	< 5	20	< 0.5	< 2	0.08	< 0.5	2	36	10	2.80	< 10	< 1	0.02	< 10	0.12	50
L14S	200W	201	298	< 5	< 0.2	0.45	< 5	20	< 0.5	< 2	0.09	< 0.5	< 1	8	5	0.17	< 10	< 1	0.01	10	0.03	30
L14S	250W	201	298	< 5	< 0.2	3.65	10	10	< 0.5	< 2	0.10	< 0.5	2	37	6	3.03	< 10	< 1	0.02	10	0.13	50
L14S	300W	201	298	< 5	< 0.2	0.83	< 5	10	< 0.5	< 2	0.10	< 0.5	< 1	14	4	2.01	< 10	< 1	0.01	< 10	0.07	50
L14S	350W	201	298	< 5	< 0.2	2.87	< 5	20	< 0.5	< 2	0.11	< 0.5	4	33	7	1.82	< 10	< 1	0.01	< 10	0.19	65
L14S	400W	201	298	10	< 0.2	1.08	< 5	20	< 0.5	< 2	0.17	< 0.5	4	24	19	1.11	< 10	< 1	< 0.01	< 10	0.29	100
L14S	450W	201	298	< 5	< 0.2	1.90	< 5	20	< 0.5	< 2	0.16	< 0.5	4	38	15	1.85	< 10	< 1	0.01	10	0.26	80
L14S	500W	201	298	< 5	< 0.2	0.51	< 5	10	< 0.5	< 2	0.08	< 0.5	< 1	13	5	0.87	< 10	< 1	0.01	< 10	0.05	45
L14S	550W	201	298	< 5	< 0.2	3.07	< 5	30	0.5	< 2	0.18	< 0.5	11	47	14	2.17	< 10	< 1	0.01	< 10	0.31	120
L14S	650W	201	298	< 5	< 0.2	1.94	< 5	60	0.5	< 2	0.25	< 0.5	7	34	21	1.45	< 10	< 1	0.01	20	0.20	75
L14S	700W	201	298	15	< 0.2	2.33	< 5	20	< 0.5	< 2	0.20	< 0.5	5	34	10	1.76	< 10	< 1	0.02	10	0.17	95
L14S	750W	201	298	< 5	< 0.2	2.73	< 5	20	< 0.5	< 2	0.19	< 0.5	3	38	10	2.89	< 10	< 1	0.02	10	0.17	90
L14S	800W	201	298	< 5	< 0.2	1.58	< 5	30	< 0.5	< 2	0.15	< 0.5	3	29	11	2.33	< 10	< 1	0.02	< 10	0.16	85
L14S	850W	201	298	< 5	< 0.2	0.51	< 5	30	< 0.5	< 2	0.43	< 0.5	1	6	11	1.44	< 10	< 1	0.02	10	0.10	90
L14S	900W	201	298	< 5	< 0.2	0.86	< 5	10	< 0.5	< 2	0.07	< 0.5	< 1	16	5	1.45	10	< 1	0.02	10	0.05	35
L14S	950W	201	298	< 5	< 0.2	1.62	< 5	20	< 0.5	< 2	0.16	< 0.5	3	27	9	1.45	< 10	< 1	0.02	10	0.15	70
L14S	1000W	201	298	< 5	< 0.2	2.80	< 5	20	< 0.5	< 2	0.11	< 0.5	5	37	13	2.25	< 10	< 1	0.01	< 10	0.22	110
L14S	1050W	201	298	< 5	< 0.2	1.69	< 5	10	< 0.5	< 2	0.10	< 0.5	6	32	10	1.68	< 10	< 1	0.01	10	0.21	70
L14S	1100W	201	298	< 5	< 0.2	0.27	< 5	< 10	< 0.5	< 2	0.02	< 0.5	< 1	6	1	0.35	< 10	< 1	< 0.01	< 10	0.02	15
L14S	1150W	201	298	< 5	< 0.2	0.17	< 5	30	< 0.5	< 2	0.06	< 0.5	< 1	9	9	0.48	< 10	< 1	< 0.01	< 10	0.02	30
L14S	1200W	201	298	< 5	< 0.2	0.83	< 5	10	< 0.5	< 2	0.08	< 0.5	1	19	7	0.72	< 10	< 1	< 0.01	< 10	0.13	40
L14S	1250W	201	298	< 5	< 0.2	1.65	< 5	20	< 0.5	< 2	0.09	< 0.5	3	32	20	2.08	< 10	< 1	< 0.01	10	0.19	55
L14S	1400W	201	298	< 5	< 0.2	0.76	< 5	10	< 0.5	< 2	0.04	< 0.5	1	12	9	0.80	< 10	< 1	< 0.01	< 10	0.03	30
L14S	1450W	201	298	< 5	< 0.2	0.91	< 5	20	< 0.5	< 2	0.14	< 0.5	3	27	8	1.54	< 10	< 1	0.01	< 10	0.19	115
L14S	1500W	201	298	< 5	< 0.2	0.55	< 5	20	< 0.5	< 2	0.10	< 0.5	1	13	4	0.85	< 10	< 1	0.01	10	0.07	60
L14S	1550W	201	298	< 5	< 0.2	2.18	< 5	20	< 0.5	< 2	0.14	< 0.5	5	36	8	1.67	< 10	< 1	0.01	10	0.22	95
L16S	0+50E	201	298	< 5	< 0.2	1.16	< 5	10	< 0.5	< 2	0.12	< 0.5	2	20	9	1.77	< 10	< 1	< 0.01	< 10	0.11	70
L16S	1+00E	201	298	< 5	< 0.2	0.56	< 5	20	< 0.5	< 2	0.16	< 0.5	< 1	10	8	1.94	10	< 1	0.01	< 10	0.07	50
L16S	1+50E	201	298	< 5	< 0.2	1.03	5	30	< 0.5	< 2	0.29	< 0.5	3	4	34	5.11	20	< 1	0.05	< 10	0.38	260
L16S	2+00E	201	298	< 5	< 0.2	0.47	< 5	10	< 0.5	< 2	0.09	< 0.5	1	11	8	0.43	< 10	< 1	0.01	< 10	0.08	40
L16S	2+50E	201	298	< 5	< 0.2	1.04	< 5	20	< 0.5	< 2	0.23	< 0.5	3	24	13	0.99	< 10	< 1	0.01	10	0.28	95
L16S	3+00E	201	298	< 5	< 0.2	0.47	< 5	10	< 0.5	< 2	0.15	< 0.5	1	15	12	0.66	< 10	< 1	0.01	< 10	0.07	45
L16S	3+50E	201	298	< 5	< 0.2	2.11	< 5	20	< 0.5	< 2	0.14	< 0.5	3	35	13	2.52	< 10	< 1	0.02	10	0.24	105
L16S	4+00E	201	298	< 5	< 0.2	0.83	< 5	10	< 0.5	< 2	0.13	< 0.5	1	23	7	2.52	10	< 1	0.01	< 10	0.16	65
L16S	4+50E	201	298	< 5	< 0.2	0.26	< 5	10	< 0.5	< 2	0.04	< 0.5	< 1	5	2	0.22	< 10	< 1	< 0.01	< 10	0.01	20
L16S	5+00E	201	298	< 5	< 0.2	1.95	< 5	20	< 0.5	< 2	0.11	< 0.5	4	34	8	1.52	< 10	< 1	0.01	< 10	0.18	85

CERTIFICATION: B. Caron

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC. *

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :1-B
Total Pages :5
Certificate Date: 18-JUN-91
Invoice No. :I9116124
P.O. Number

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L14S	750E	201	298	2	0.01	23	490	14	< 5	3	10	0.13	< 10	< 10	42	< 10	46
L14S	BL0+00	201	298	< 1	0.01	11	200	2	< 5	2	11	0.11	< 10	< 10	34	< 10	26
L14S	0+50W	201	298	1	0.01	13	110	4	< 5	2	14	0.12	< 10	< 10	35	< 10	26
L14S	100W	201	298	< 1	0.01	6	90	6	< 5	1	8	0.16	< 10	< 10	50	< 10	20
L14S	150W	201	298	< 1	0.01	12	330	4	< 5	2	7	0.10	< 10	< 10	41	< 10	32
L14S	200W	201	298	< 1	< 0.01	3	50	2	< 5	1	10	0.06	< 10	< 10	8	< 10	10
L14S	250W	201	298	< 1	0.01	10	390	4	< 5	3	8	0.11	< 10	< 10	42	< 10	28
L14S	300W	201	298	< 1	0.01	4	170	6	< 5	1	8	0.18	< 10	< 10	69	< 10	16
L14S	350W	201	298	< 1	0.01	13	310	4	< 5	3	8	0.09	< 10	< 10	26	< 10	20
L14S	400W	201	298	< 1	0.01	15	150	4	< 5	2	10	0.10	< 10	< 10	24	< 10	18
L14S	450W	201	298	< 1	0.01	17	170	8	< 5	3	11	0.11	< 10	< 10	28	< 10	58
L14S	500W	201	298	< 1	< 0.01	4	80	6	< 5	1	8	0.11	< 10	< 10	45	< 10	12
L14S	550W	201	298	< 1	0.01	29	190	6	< 5	4	14	0.13	< 10	< 10	39	< 10	30
L14S	650W	201	298	1	0.01	28	280	12	< 5	3	22	0.13	< 10	< 10	42	< 10	32
L14S	700W	201	298	< 1	0.01	13	200	8	< 5	4	18	0.13	< 10	< 10	37	< 10	22
L14S	750W	201	298	< 1	0.01	13	290	8	< 5	3	17	0.16	< 10	< 10	49	< 10	40
L14S	800W	201	298	< 1	0.01	11	380	10	< 5	2	13	0.12	< 10	< 10	49	< 10	42
L14S	850W	201	298	< 1	0.02	4	100	16	< 5	2	13	0.37	< 10	< 10	196	< 10	28
L14S	900W	201	298	< 1	< 0.01	4	160	10	< 5	1	8	0.11	< 10	< 10	45	< 10	18
L14S	950W	201	298	< 1	0.01	10	150	10	< 5	3	15	0.12	< 10	< 10	33	< 10	34
L14S	1000W	201	298	< 1	< 0.01	15	390	10	< 5	3	8	0.10	< 10	< 10	34	< 10	34
L14S	1050W	201	298	< 1	0.01	13	180	4	< 5	3	7	0.10	< 10	< 10	36	< 10	26
L14S	1100W	201	298	< 1	< 0.01	2	50	4	< 5	< 1	3	0.05	< 10	< 10	17	< 10	8
L14S	1150W	201	298	< 1	0.01	1	70	8	< 5	< 1	3	0.05	< 10	< 10	19	< 10	12
L14S	1200W	201	298	< 1	< 0.01	4	160	6	< 5	1	5	0.08	< 10	< 10	18	< 10	16
L14S	1250W	201	298	1	0.01	12	120	8	< 5	2	8	0.09	< 10	< 10	40	< 10	18
L14S	1400W	201	298	< 1	< 0.01	2	120	6	< 5	< 1	5	0.06	< 10	< 10	19	< 10	10
L14S	1450W	201	298	< 1	< 0.01	10	150	8	< 5	1	11	0.10	< 10	< 10	37	< 10	28
L14S	1500W	201	298	< 1	< 0.01	4	150	4	< 5	1	9	0.08	< 10	< 10	26	< 10	24
L14S	1550W	201	298	< 1	0.01	17	440	6	< 5	2	10	0.09	< 10	< 10	30	< 10	32
L16S	0+50E	201	298	1	< 0.01	7	220	8	< 5	1	9	0.10	< 10	< 10	37	< 10	54
L16S	1+00E	201	298	< 1	0.01	2	180	10	< 5	1	8	0.28	< 10	< 10	147	< 10	22
L16S	1+50E	201	298	< 1	0.02	5	300	12	< 5	4	3	0.62	< 10	< 10	222	< 10	48
L16S	2+00E	201	298	< 1	< 0.01	4	100	10	< 5	< 1	8	0.09	< 10	< 10	18	< 10	20
L16S	2+50E	201	298	1	0.01	11	100	30	< 5	2	13	0.18	< 10	< 10	34	< 10	54
L16S	3+00E	201	298	1	< 0.01	2	130	24	< 5	1	12	0.20	< 10	< 10	35	< 10	18
L16S	3+50E	201	298	< 1	0.01	13	520	8	< 5	3	10	0.13	< 10	< 10	40	< 10	44
L16S	4+00E	201	298	1	< 0.01	5	160	20	< 5	1	10	0.18	< 10	< 10	61	< 10	34
L16S	4+50E	201	298	< 1	< 0.01	1	60	2	< 5	< 1	5	0.05	< 10	< 10	11	< 10	14
L16S	5+00E	201	298	< 1	< 0.01	18	320	4	< 5	2	7	0.09	< 10	< 10	28	< 10	50

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.
1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :2-A
Total Pages :5
Certificate Date: 18-JUN-91
Invoice No. :I9116124
P.O. Number :

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L16S	5+50E	201	298	< 5	< 0.2	0.52	< 5	10	< 0.5	< 2	0.06	< 0.5	1	16	6	1.37	< 10	< 1	0.01	< 10	0.09	90
L16S	6+00E	201	298	< 5	0.4	1.94	< 5	40	< 0.5	< 2	0.11	< 0.5	11	47	40	4.24	< 10	< 1	0.03	20	0.24	140
L16S	6+50E	201	298	< 5	< 0.2	0.65	5	10	< 0.5	< 2	0.13	< 0.5	2	66	7	1.16	< 10	< 1	0.03	10	0.20	95
L16S	0+50W	201	298	< 5	< 0.2	0.82	< 5	20	< 0.5	< 2	0.20	< 0.5	5	23	20	0.90	< 10	< 1	0.02	10	0.26	110
L16S	100W	201	298	< 5	0.4	1.36	< 5	10	< 0.5	< 2	0.14	< 0.5	2	47	9	4.35	< 10	< 1	0.01	10	0.21	80
L16S	150W	201	298	< 5	< 0.2	0.63	< 5	10	< 0.5	< 2	0.09	< 0.5	1	14	6	0.29	< 10	< 1	0.01	10	0.06	35
L16S	200W	201	298	< 5	< 0.2	1.10	< 5	10	< 0.5	< 2	0.07	< 0.5	1	15	6	1.08	< 10	< 1	0.01	< 10	0.05	35
L16S	250W	201	298	< 5	< 0.2	0.74	< 5	20	< 0.5	< 2	0.17	< 0.5	2	21	8	0.79	< 10	< 1	0.02	10	0.23	80
L18S	0+50E	201	298	< 5	< 0.2	0.89	5	20	< 0.5	< 2	0.11	< 0.5	2	27	9	2.17	< 10	< 1	0.02	< 10	0.15	60
L18S	100E	201	298	< 5	0.2	2.76	< 5	20	< 0.5	< 2	0.08	< 0.5	2	34	11	2.64	< 10	< 1	0.02	10	0.14	50
L18S	150E	201	298	< 5	< 0.2	1.88	< 5	40	< 0.5	< 2	0.10	< 0.5	4	35	17	1.66	< 10	< 1	0.02	< 10	0.21	75
L18S	250E	201	298	< 5	< 0.2	0.61	< 5	10	< 0.5	< 2	0.05	< 0.5	1	17	25	0.13	< 10	< 1	0.01	< 10	0.02	5
L18S	300E	201	298	< 5	0.2	1.24	< 5	10	< 0.5	< 2	0.19	< 0.5	2	28	21	4.01	< 10	< 1	0.03	< 10	0.18	80
L18S	350E	201	298	< 5	< 0.2	0.96	< 5	20	< 0.5	< 2	0.10	< 0.5	2	28	10	1.57	< 10	1	0.02	< 10	0.11	70
L18S	400E	201	298	< 5	< 0.2	1.02	< 5	10	< 0.5	2	0.06	< 0.5	< 1	18	4	1.96	< 10	< 1	0.01	< 10	0.05	30
L18S	450E	201	298	< 5	0.2	1.36	< 5	20	< 0.5	< 2	0.37	< 0.5	5	33	23	5.26	< 10	< 1	0.06	< 10	0.51	260
L18S	500E	201	298	< 5	< 0.2	1.81	< 5	10	< 0.5	< 2	0.09	< 0.5	1	28	16	2.60	< 10	< 1	0.01	< 10	0.11	50
L18S	550E	201	298	< 5	< 0.2	1.23	5	10	< 0.5	< 2	0.55	< 0.5	7	2	17	3.02	< 10	< 1	0.04	< 10	0.48	250
L18S	600E	201	298	< 5	0.2	0.51	< 5	10	< 0.5	< 2	0.13	< 0.5	< 1	11	3	0.62	20	< 1	0.01	10	0.04	60
L18S	650E	201	298	< 5	< 0.2	1.06	< 5	20	0.5	< 2	0.10	< 0.5	1	14	28	0.95	< 10	< 1	< 0.01	10	0.07	50
L18S	700E	201	298	< 5	< 0.2	1.62	< 5	30	0.5	< 2	0.14	< 0.5	3	31	16	3.16	< 10	< 1	0.01	10	0.18	90
L18S	750E	201	298	< 5	< 0.2	0.54	< 5	10	< 0.5	< 2	0.12	< 0.5	1	17	7	1.27	< 10	< 1	< 0.01	10	0.06	45
L18S	BL0+00	201	298	< 5	< 0.2	1.27	< 5	20	< 0.5	< 2	0.10	< 0.5	1	17	7	0.79	< 10	< 1	< 0.01	10	0.08	40
L18S	0+50W	201	298	< 5	0.2	1.67	< 5	30	< 0.5	< 2	0.11	< 0.5	3	30	6	2.47	< 10	< 1	0.01	< 10	0.16	80
L18S	100W	201	298	< 5	< 0.2	2.17	< 5	30	0.5	< 2	0.12	< 0.5	5	34	11	1.96	< 10	< 1	0.01	10	0.21	75
L18S	150W	201	298	< 5	< 0.2	0.56	< 5	10	< 0.5	< 2	0.08	< 0.5	1	9	3	0.62	< 10	< 1	< 0.01	< 10	0.07	40
L18S	200W	201	298	< 5	< 0.2	2.80	5	20	0.5	< 2	0.12	< 0.5	5	34	7	1.98	< 10	< 1	0.01	10	0.21	80
L18S	250W	201	298	< 5	< 0.2	1.54	10	10	< 0.5	< 2	0.11	< 0.5	2	29	10	1.91	< 10	< 1	< 0.01	10	0.17	70
L20S	0+50E	201	298	< 5	0.2	2.33	5	20	0.5	< 2	0.16	< 0.5	5	40	25	2.59	< 10	< 1	0.02	10	0.26	90
L20S	100E	201	298	< 5	0.2	1.00	< 5	20	< 0.5	< 2	0.11	< 0.5	2	20	11	1.24	< 10	< 1	0.01	10	0.09	60
L20S	200E	201	298	< 5	0.2	2.01	5	10	0.5	< 2	0.10	< 0.5	3	32	12	1.85	< 10	< 1	0.01	< 10	0.14	60
L20S	250E	201	298	< 5	0.2	1.57	5	20	< 0.5	< 2	0.11	< 0.5	4	25	11	1.71	< 10	< 1	0.02	< 10	0.12	55
L20S	300E	201	298	< 5	0.2	1.43	15	10	0.5	< 2	0.12	< 0.5	4	31	11	2.31	< 10	< 1	0.01	< 10	0.18	80
L20S	350E	201	298	< 5	< 0.2	1.57	< 5	10	< 0.5	< 2	0.10	< 0.5	2	21	6	1.58	< 10	< 1	0.01	10	0.06	45
L20S	400E	201	298	< 5	0.2	1.88	5	10	0.5	< 2	0.12	< 0.5	4	28	7	1.81	< 10	< 1	0.02	10	0.13	60
L20S	450E	201	298	< 5	< 0.2	0.66	< 5	10	< 0.5	< 2	0.06	< 0.5	1	22	6	2.05	< 10	< 1	0.02	< 10	0.08	40
L20S	500E	201	298	< 5	< 0.2	0.17	< 5	10	< 0.5	< 2	0.04	< 0.5	< 1	6	5	0.23	< 10	< 1	0.01	10	0.01	25
L20S	550E	201	298	< 5	< 0.2	0.34	< 5	< 10	< 0.5	< 2	0.05	< 0.5	< 1	10	1	0.30	< 10	< 1	0.01	< 10	0.04	20
L20S	600E	201	298	< 5	0.2	2.09	5	10	0.5	< 2	0.09	< 0.5	3	33	18	1.89	< 10	< 1	0.01	< 10	0.21	80
L20S	650E	201	298	< 5	0.2	0.72	< 5	10	< 0.5	< 2	0.09	< 0.5	1	19	9	1.25	< 10	< 1	0.01	10	0.11	45

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :I9116124
P.O. Number :

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L16S	5+50E	201	298	< 1	< 0.01	7	190	10	< 5	1	5	0.09	< 10	< 10	35	< 10	26
L16S	6+00E	201	298	1	0.01	20	380	34	< 5	3	9	0.11	< 10	< 10	66	< 10	48
L16S	6+50E	201	298	1	< 0.01	10	130	10	< 5	1	11	0.14	< 10	< 10	50	< 10	26
L16S	0+50W	201	298	< 1	0.01	17	80	10	< 5	2	16	0.12	< 10	< 10	22	< 10	22
L16S	100W	201	298	< 1	< 0.01	13	230	10	< 5	2	11	0.14	< 10	< 10	81	< 10	26
L16S	150W	201	298	< 1	< 0.01	6	120	8	< 5	1	10	0.07	< 10	< 10	12	< 10	12
L16S	200W	201	298	< 1	< 0.01	4	120	10	< 5	1	8	0.08	< 10	< 10	28	< 10	16
L16S	250W	201	298	< 1	0.01	13	210	6	< 5	1	11	0.10	< 10	< 10	21	< 10	18
L18S	0+50E	201	298	< 1	< 0.01	11	180	6	< 5	1	9	0.12	< 10	< 10	68	< 10	22
L18S	100E	201	298	< 1	< 0.01	11	380	10	< 5	3	6	0.11	< 10	< 10	47	< 10	24
L18S	150E	201	298	< 1	0.01	17	120	2	< 5	2	8	0.10	< 10	< 10	34	< 10	32
L18S	250E	201	298	< 1	< 0.01	3	560	2	< 5	< 1	5	< 0.01	< 10	< 10	6	< 10	14
L18S	300E	201	298	< 1	0.02	5	190	6	< 5	3	6	0.24	< 10	< 10	93	< 10	30
L18S	350E	201	298	< 1	0.01	7	140	6	< 5	1	7	0.10	< 10	< 10	43	< 10	32
L18S	400E	201	298	< 1	< 0.01	2	160	8	< 5	1	5	0.10	< 10	< 10	48	< 10	22
L18S	450E	201	298	< 1	0.03	21	540	12	< 5	5	6	0.42	< 10	< 10	86	< 10	78
L18S	500E	201	298	< 1	0.01	6	490	6	< 5	2	6	0.10	< 10	< 10	42	< 10	22
L18S	550E	201	298	< 1	0.05	13	310	22	< 5	6	6	0.38	< 10	< 10	72	< 10	36
L18S	600E	201	298	< 1	0.01	2	90	6	< 5	1	11	0.17	< 10	< 10	28	< 10	16
L18S	650E	201	298	< 1	< 0.01	7	230	4	< 5	1	10	0.07	< 10	< 10	19	< 10	18
L18S	700E	201	298	< 1	< 0.01	10	320	10	< 5	3	13	0.15	< 10	< 10	65	< 10	36
L18S	750E	201	298	< 1	< 0.01	5	80	4	< 5	1	13	0.11	< 10	< 10	50	< 10	12
L18S	BL0+00	201	298	< 1	< 0.01	5	150	6	< 5	2	10	0.10	< 10	< 10	30	< 10	14
L18S	0+50W	201	298	< 1	< 0.01	12	200	8	< 5	2	9	0.11	< 10	< 10	40	< 10	26
L18S	100W	201	298	< 1	0.01	20	170	2	< 5	3	9	0.11	< 10	< 10	39	< 10	24
L18S	150W	201	298	< 1	< 0.01	3	50	8	< 5	1	8	0.08	< 10	< 10	20	< 10	10
L18S	200W	201	298	< 1	0.01	17	440	6	< 5	3	9	0.10	< 10	< 10	34	< 10	32
L18S	250W	201	298	< 1	< 0.01	11	290	12	< 5	2	9	0.12	< 10	< 10	42	< 10	32
L20S	0+50E	201	298	< 1	0.01	18	410	6	< 5	3	10	0.10	< 10	< 10	44	< 10	32
L20S	100E	201	298	< 1	0.01	8	170	6	< 5	1	10	0.09	< 10	< 10	33	< 10	24
L20S	200E	201	298	< 1	< 0.01	11	120	4	< 5	2	10	0.11	< 10	< 10	46	< 10	16
L20S	250E	201	298	< 1	< 0.01	11	90	10	< 5	2	12	0.11	< 10	< 10	45	< 10	18
L20S	300E	201	298	< 1	0.01	10	120	6	< 5	2	11	0.13	< 10	< 10	51	< 10	22
L20S	350E	201	298	< 1	0.01	5	140	8	< 5	2	11	0.10	< 10	< 10	42	< 10	14
L20S	400E	201	298	< 1	0.01	10	150	8	< 5	2	13	0.11	< 10	< 10	44	< 10	16
L20S	450E	201	298	< 1	< 0.01	4	180	8	< 5	1	6	0.13	< 10	< 10	61	< 10	26
L20S	500E	201	298	< 1	< 0.01	1	40	2	< 5	< 1	5	0.03	< 10	< 10	9	< 10	10
L20S	550E	201	298	< 1	< 0.01	3	50	8	< 5	< 1	5	0.08	< 10	< 10	17	< 10	8
L20S	600E	201	298	1	0.01	13	520	24	< 5	3	7	0.08	< 10	< 10	30	< 10	42
L20S	650E	201	298	< 1	< 0.01	5	170	20	< 5	1	7	0.09	< 10	< 10	37	< 10	22

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :3-A
Total Pages :5
Certificate Date: 18-JUN-91
Invoice No. :I9116124
P.O. Number :

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L20S	700E	201	298	< 5	0.2	1.16	5	10	0.5	< 2	0.09	< 0.5	1	17	5	1.02	< 10	< 1	0.01	10	0.06	45
L20S	750E	201	298	< 5	< 0.2	1.31	< 5	10	0.5	< 2	0.10	< 0.5	2	23	10	1.62	< 10	< 1	0.02	10	0.09	70
L20S	800E	201	298	< 5	0.2	1.22	5	20	0.5	< 2	0.54	< 0.5	3	38	14	2.01	< 10	< 1	0.04	< 10	0.49	155
L20S	BL0+00	201	298	< 5	0.4	2.94	< 5	30	0.5	< 2	0.13	< 0.5	5	38	9	2.39	< 10	< 1	0.02	10	0.19	80
L20S	0+50W	201	298	< 5	0.2	1.07	< 5	20	< 0.5	< 2	0.17	< 0.5	3	26	12	0.85	< 10	< 1	0.03	10	0.23	85
L20S	100W	201	298	< 5	0.4	1.07	< 5	10	< 0.5	< 2	0.11	< 0.5	1	21	3	1.53	< 10	< 1	0.02	10	0.08	55
L20S	150W	201	298	< 5	0.2	1.17	< 5	30	< 0.5	< 2	0.12	< 0.5	1	21	5	2.04	< 10	< 1	0.02	< 10	0.08	60
L20S	200W	201	298	< 5	< 0.2	2.01	< 5	20	0.5	< 2	0.17	< 0.5	5	33	13	1.93	< 10	< 1	0.02	10	0.21	90
L20S	250W	201	298	< 5	< 0.2	1.77	< 5	20	0.5	< 2	0.18	< 0.5	5	33	16	1.70	< 10	< 1	0.02	10	0.31	105
L22S	0+50E	201	298	< 5	0.2	2.18	5	10	0.5	< 2	0.08	< 0.5	3	35	12	2.26	< 10	< 1	0.01	< 10	0.13	50
L22S	150E	201	298	< 5	< 0.2	0.96	< 5	10	< 0.5	< 2	0.10	< 0.5	2	21	6	0.89	< 10	< 1	0.01	< 10	0.17	55
L22S	200E	201	298	< 5	< 0.2	0.38	< 5	10	< 0.5	< 2	0.05	< 0.5	< 1	9	4	0.32	< 10	< 1	0.01	< 10	0.03	30
L22S	250E	201	298	< 5	< 0.2	0.82	< 5	10	< 0.5	< 2	0.05	< 0.5	< 1	17	3	1.62	< 10	< 1	< 0.01	< 10	0.04	30
L22S	300E	201	298	< 5	< 0.2	2.11	5	30	1.0	< 2	0.11	< 0.5	6	39	16	1.85	< 10	< 1	0.01	10	0.25	85
L22S	350E	201	298	< 5	< 0.2	0.99	< 5	10	< 0.5	< 2	0.06	< 0.5	1	20	6	1.47	< 10	< 1	0.01	< 10	0.05	35
L22S	400E	201	298	< 5	< 0.2	1.53	10	10	< 0.5	< 2	0.06	< 0.5	1	24	5	2.20	< 10	< 1	< 0.01	< 10	0.07	35
L22S	450E	201	298	< 5	< 0.2	1.42	< 5	20	0.5	< 2	0.08	< 0.5	1	19	6	1.71	< 10	< 1	0.01	10	0.06	40
L22S	500E	201	298	< 5	0.2	0.81	5	20	< 0.5	< 2	0.07	< 0.5	< 1	27	6	3.10	< 10	< 1	0.01	< 10	0.07	45
L22S	550E	201	298	< 5	< 0.2	2.01	5	10	0.5	< 2	0.13	< 0.5	3	33	6	1.72	< 10	< 1	0.01	10	0.22	80
L22S	600E	201	298	< 5	< 0.2	1.17	5	10	< 0.5	< 2	0.15	< 0.5	1	22	10	1.84	< 10	< 1	0.02	< 10	0.12	85
L22S	650E	201	298	< 5	< 0.2	1.57	< 5	10	< 0.5	< 2	0.20	< 0.5	7	33	7	1.40	< 10	< 1	0.02	10	0.29	155
L22S	700E	201	298	< 5	< 0.2	0.68	5	< 10	< 0.5	< 2	0.26	< 0.5	6	26	12	1.20	< 10	< 1	0.01	10	0.31	140
L22S	750E	201	298	< 5	0.2	1.41	5	20	< 0.5	< 2	0.11	< 0.5	4	26	10	1.80	< 10	1	0.02	10	0.15	170
L22S	800E	201	298	< 5	< 0.2	0.96	< 5	30	< 0.5	< 2	0.19	< 0.5	2	26	19	1.31	< 10	< 1	0.04	< 10	0.19	175
L22S	850E	201	298	< 5	< 0.2	0.54	< 5	50	< 0.5	< 2	0.19	< 0.5	< 1	11	35	0.67	< 10	< 1	0.03	10	0.05	80
L22S	900E	201	298	< 5	< 0.2	1.40	5	30	0.5	< 2	0.12	< 0.5	2	28	7	2.07	< 10	< 1	0.01	< 10	0.14	65
L22S	950E	201	298	< 5	0.2	2.31	< 5	30	0.5	< 2	0.15	< 0.5	8	42	15	2.63	< 10	< 1	0.02	< 10	0.24	160
L22S	1000E	201	298	< 5	< 0.2	2.43	< 5	30	0.5	< 2	0.14	< 0.5	5	49	25	1.68	< 10	< 1	0.01	10	0.24	85
L22S	0+50W	201	298	< 5	< 0.2	1.27	< 5	20	< 0.5	< 2	0.10	< 0.5	2	21	7	1.33	< 10	< 1	0.01	10	0.11	55
L22S	100W	201	298	< 5	< 0.2	0.47	< 5	10	< 0.5	< 2	0.07	< 0.5	1	10	2	0.40	< 10	< 1	0.01	10	0.05	35
L22S	150W	201	298	< 5	< 0.2	2.58	< 5	20	0.5	< 2	0.12	< 0.5	5	36	9	1.81	< 10	< 1	0.02	10	0.21	80
L22S	200W	201	298	< 5	< 0.2	0.54	< 5	10	< 0.5	< 2	0.07	< 0.5	1	18	5	1.47	< 10	< 1	0.02	< 10	0.06	45
L22S	250W	201	298	< 5	< 0.2	1.31	< 5	20	< 0.5	< 2	0.17	< 0.5	4	29	17	1.76	< 10	< 1	0.02	10	0.29	115
L24S	250E	201	298	< 5	0.2	2.90	< 5	10	0.5	< 2	0.11	< 0.5	3	45	14	3.16	< 10	< 1	0.02	< 10	0.14	60
L24S	300E	201	298	< 5	0.2	2.38	< 5	10	0.5	< 2	0.19	< 0.5	5	40	62	2.32	< 10	< 1	0.03	10	0.27	100
L24S	350E	201	298	< 5	< 0.2	1.54	< 5	10	< 0.5	< 2	0.11	< 0.5	2	23	16	1.37	< 10	< 1	0.02	10	0.10	50
L24S	400E	201	298	< 5	< 0.2	0.33	< 5	< 10	< 0.5	< 2	0.04	< 0.5	< 1	7	3	0.13	< 10	< 1	0.01	< 10	0.02	20
L24S	450E	201	298	< 5	0.2	3.91	< 5	20	1.0	< 2	0.10	< 0.5	2	36	12	3.59	< 10	< 1	0.02	< 10	0.15	70
L24S	500E	201	298	< 5	< 0.2	2.00	< 5	10	0.5	< 2	0.14	< 0.5	6	39	21	1.54	< 10	< 1	0.02	10	0.27	95
L24S	550E	201	298	< 5	< 0.2	0.82	< 5	20	< 0.5	< 2	0.10	< 0.5	2	20	8	1.13	< 10	< 1	0.02	10	0.15	60

CERTIFICATION: B Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :I9116124
P.O. Number :

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L20S	700E	201	298	< 1	< 0.01	5	160	8	< 5	1	10	0.09	< 10	< 10	28	< 10	18
L20S	750E	201	298	< 1	< 0.01	8	300	6	< 5	1	9	0.09	< 10	< 10	34	< 10	22
L20S	800E	201	298	6	0.01	7	110	40	< 5	3	27	0.30	< 10	< 10	80	< 10	38
L20S	BL0+00	201	298	< 1	0.01	13	430	4	< 5	3	10	0.10	< 10	< 10	34	< 10	42
L20S	0+50W	201	298	< 1	0.01	13	190	8	< 5	2	15	0.12	< 10	< 10	27	< 10	38
L20S	100W	201	298	< 1	< 0.01	3	170	6	< 5	1	12	0.11	< 10	< 10	40	< 10	24
L20S	150W	201	298	< 1	< 0.01	8	170	12	< 5	1	14	0.12	< 10	< 10	42	< 10	32
L20S	200W	201	298	< 1	0.01	11	200	4	< 5	3	16	0.12	< 10	< 10	34	< 10	36
L20S	250W	201	298	< 1	0.01	16	280	4	< 5	3	11	0.11	< 10	< 10	28	< 10	28
L22S	0+50E	201	298	< 1	< 0.01	11	160	8	< 5	3	7	0.10	< 10	< 10	44	< 10	16
L22S	150E	201	298	< 1	< 0.01	10	60	6	< 5	1	8	0.11	< 10	< 10	37	< 10	14
L22S	200E	201	298	< 1	< 0.01	3	90	8	< 5	< 1	6	0.09	< 10	< 10	15	< 10	14
L22S	250E	201	298	< 1	< 0.01	4	100	6	< 5	1	5	0.12	< 10	< 10	65	< 10	16
L22S	300E	201	298	< 1	0.01	18	160	6	< 5	3	9	0.12	< 10	< 10	38	< 10	24
L22S	350E	201	298	< 1	< 0.01	8	90	6	< 5	1	6	0.08	< 10	< 10	38	< 10	14
L22S	400E	201	298	< 1	< 0.01	6	130	4	< 5	1	5	0.10	< 10	< 10	53	< 10	14
L22S	450E	201	298	< 1	< 0.01	3	160	10	< 5	2	7	0.09	< 10	< 10	38	< 10	12
L22S	500E	201	298	< 1	< 0.01	5	200	22	< 5	1	7	0.11	< 10	< 10	54	< 10	30
L22S	550E	201	298	< 1	0.01	13	270	8	< 5	2	11	0.10	< 10	< 10	30	< 10	24
L22S	600E	201	298	< 1	0.01	7	180	8	< 5	2	11	0.13	< 10	< 10	40	< 10	26
L22S	650E	201	298	< 1	0.01	18	270	6	< 5	2	14	0.11	< 10	< 10	31	< 10	24
L22S	700E	201	298	< 1	0.01	17	340	6	< 5	2	14	0.11	< 10	< 10	30	< 10	16
L22S	750E	201	298	< 1	< 0.01	10	360	10	< 5	2	9	0.09	< 10	< 10	31	< 10	48
L22S	800E	201	298	< 1	0.01	14	460	24	< 5	1	12	0.09	< 10	< 10	31	< 10	46
L22S	850E	201	298	< 1	0.01	6	140	16	< 5	1	10	0.12	< 10	< 10	27	< 10	46
L22S	900E	201	298	< 1	< 0.01	10	200	4	< 5	2	9	0.12	< 10	< 10	50	< 10	56
L22S	950E	201	298	< 1	0.01	24	210	16	< 5	2	9	0.14	< 10	< 10	49	< 10	68
L22S	1000E	201	298	< 1	0.01	21	120	8	< 5	5	12	0.12	< 10	< 10	47	< 10	26
L22S	0+50W	201	298	< 1	< 0.01	6	100	4	< 5	1	10	0.08	< 10	< 10	32	< 10	18
L22S	100W	201	298	< 1	< 0.01	1	40	6	< 5	1	9	0.08	< 10	< 10	21	< 10	8
L22S	150W	201	298	< 1	0.01	16	270	2	< 5	3	9	0.10	< 10	< 10	32	< 10	26
L22S	200W	201	298	< 1	< 0.01	2	160	10	< 5	1	7	0.13	< 10	< 10	63	< 10	16
L22S	250W	201	298	< 1	0.01	14	230	8	< 5	2	14	0.12	< 10	< 10	36	< 10	32
L24S	250E	201	298	< 1	0.01	12	240	12	< 5	3	10	0.14	< 10	< 10	57	< 10	20
L24S	300E	201	298	< 1	0.01	15	260	6	< 5	5	13	0.16	< 10	< 10	51	< 10	24
L24S	350E	201	298	< 1	0.01	8	180	4	< 5	2	8	0.10	< 10	< 10	37	< 10	18
L24S	400E	201	298	< 1	< 0.01	< 1	70	4	< 5	< 1	5	0.07	< 10	< 10	7	< 10	10
L24S	450E	201	298	< 1	0.01	6	520	2	< 5	6	6	0.11	< 10	< 10	58	< 10	28
L24S	500E	201	298	< 1	0.01	14	230	8	< 5	3	11	0.11	< 10	< 10	32	< 10	30
L24S	550E	201	298	< 1	< 0.01	6	110	6	< 5	1	10	0.09	< 10	< 10	35	< 10	26

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :I9116124
P.O. Number :

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L24S	600E	201	298	< 5	< 0.2	1.56	< 5	10	< 0.5	< 2	0.08	< 0.5	2	27	7	1.62	< 10	< 1	0.01	< 10	0.14	60
L24S	650E	201	298	< 5	< 0.2	1.25	< 5	20	< 0.5	< 2	0.10	< 0.5	2	19	5	1.30	< 10	< 1	0.01	10	0.10	55
L24S	700E	201	298	< 5	0.2	3.06	< 5	20	0.5	< 2	0.15	< 0.5	7	49	23	2.58	< 10	< 1	0.02	10	0.35	120
L24S	750E	201	298	< 5	0.2	1.49	< 5	30	0.5	< 2	0.73	< 0.5	9	168	16	4.17	< 10	< 1	0.06	< 10	0.54	375
L24S	800E	201	298	< 5	0.2	2.15	< 5	30	0.5	< 2	0.15	< 0.5	5	46	13	2.32	< 10	< 1	0.02	< 10	0.25	185
L24S	850E	201	298	< 5	< 0.2	0.31	< 5	10	< 0.5	< 2	0.11	< 0.5	< 1	10	4	0.27	< 10	< 1	0.02	< 10	0.01	20
L24S	900E	201	298	< 5	< 0.2	1.69	5	30	0.5	2	0.17	< 0.5	6	34	12	1.73	< 10	< 1	0.03	10	0.18	275
L24S	950E	201	298	< 5	< 0.2	0.89	< 5	40	< 0.5	2	0.24	< 0.5	3	22	18	1.94	< 10	< 1	0.06	< 10	0.31	160
L24S	1000E	201	298	< 5	< 0.2	2.05	< 5	60	0.5	< 2	0.15	< 0.5	5	38	9	2.43	< 10	< 1	0.02	10	0.20	115
L24S	1050E	201	298	< 5	< 0.2	0.91	< 5	30	< 0.5	< 2	0.19	< 0.5	2	19	10	0.53	< 10	< 1	0.01	10	0.09	45
L24S	BL0+00	201	298	< 5	< 0.2	2.15	< 5	20	0.5	< 2	0.12	< 0.5	4	35	8	1.96	< 10	< 1	0.02	10	0.16	65
L24S	0+50W	201	298	< 5	< 0.2	2.46	< 5	20	0.5	< 2	0.14	< 0.5	5	38	12	2.02	< 10	< 1	0.02	10	0.23	90
L24S	100W	201	298	< 5	< 0.2	2.34	< 5	40	0.5	< 2	0.18	< 0.5	7	34	6	1.84	< 10	< 1	0.02	10	0.20	85
L24S	150W	201	298	< 5	< 0.2	1.63	< 5	10	< 0.5	< 2	0.09	< 0.5	3	30	9	1.97	< 10	< 1	0.02	< 10	0.14	55
L24S	200W	201	298	< 5	< 0.2	0.70	< 5	10	< 0.5	< 2	0.08	< 0.5	2	16	7	1.10	< 10	< 1	0.01	< 10	0.10	50
L24S	250W	201	298	< 5	< 0.2	1.54	< 5	20	0.5	< 2	0.08	< 0.5	3	24	11	2.30	< 10	< 1	0.01	10	0.12	45
L26S	0+50E	201	298	< 5	< 0.2	2.37	< 5	30	0.5	< 2	0.12	< 0.5	4	32	10	1.21	< 10	< 1	0.01	10	0.16	55
L26S	250E	201	298	< 5	< 0.2	2.86	< 5	20	0.5	< 2	0.10	< 0.5	4	37	14	2.29	< 10	< 1	0.01	10	0.16	55
L26S	300E	201	298	< 5	< 0.2	1.79	< 5	20	< 0.5	< 2	0.22	< 0.5	2	29	14	2.46	< 10	< 1	0.02	< 10	0.16	80
L26S	350E	201	298	< 5	< 0.2	1.96	< 5	20	0.5	< 2	0.10	< 0.5	2	27	15	2.23	< 10	< 1	0.02	10	0.13	55
L26S	400E	201	298	< 5	< 0.2	2.01	< 5	20	< 0.5	< 2	0.15	< 0.5	4	30	130	1.33	< 10	< 1	0.02	10	0.24	85
L26S	450E	201	298	< 5	< 0.2	2.27	< 5	20	< 0.5	< 2	0.27	< 0.5	8	30	97	2.32	< 10	< 1	0.04	10	0.58	175
L26S	500E	201	298	< 5	< 0.2	0.46	< 5	10	< 0.5	< 2	0.08	< 0.5	1	11	9	2.04	< 10	< 1	0.01	< 10	0.06	75
L26S	550E	201	298	< 5	0.2	1.17	5	20	< 0.5	< 2	0.12	< 0.5	2	34	10	3.67	< 10	< 1	0.02	< 10	0.20	105
L26S	600E	201	298	< 5	0.4	3.75	5	20	< 0.5	< 2	0.10	< 0.5	6	47	17	3.70	< 10	< 1	0.01	10	0.22	85
L26S	650E	201	298	< 5	0.4	2.42	5	20	< 0.5	< 2	0.08	< 0.5	5	38	13	2.69	< 10	< 1	0.01	10	0.15	70
L26S	700E	201	298	< 5	< 0.2	1.74	15	10	< 0.5	< 2	0.09	< 0.5	3	31	22	2.20	< 10	< 1	0.01	10	0.19	75
L26S	750E	201	298	< 5	< 0.2	1.81	10	20	< 0.5	< 2	0.09	< 0.5	2	31	8	2.07	< 10	< 1	0.01	< 10	0.14	80
L26S	800E	201	298	< 5	0.2	2.72	< 5	110	< 0.5	< 2	0.11	< 0.5	3	38	9	2.84	< 10	< 1	0.02	10	0.19	85
L26S	850E	201	298	< 5	< 0.2	1.08	< 5	20	< 0.5	< 2	0.14	< 0.5	4	32	9	1.67	< 10	< 1	0.01	10	0.18	200
L26S	900E	201	298	< 5	0.2	1.96	10	20	< 0.5	< 2	0.20	< 0.5	6	36	29	2.37	< 10	< 1	0.03	10	0.33	180
L26S	950E	201	298	< 5	< 0.2	0.91	< 5	20	< 0.5	< 2	0.15	< 0.5	3	24	12	1.46	< 10	< 1	0.02	10	0.19	85
L26S	1000E	201	298	5	< 0.2	0.62	< 5	10	< 0.5	< 2	0.12	< 0.5	1	16	4	0.44	< 10	< 1	< 0.01	< 10	0.08	35
L26S	1050E	201	298	< 5	0.2	0.82	10	10	< 0.5	< 2	0.18	< 0.5	2	23	8	3.74	< 10	< 1	0.01	< 10	0.18	95
L26S	1100E	201	298	< 5	< 0.2	1.32	< 5	30	< 0.5	< 2	0.16	< 0.5	3	34	13	1.70	< 10	< 1	0.02	10	0.23	90
L26S	1150E	201	298	< 5	0.2	1.24	10	10	< 0.5	< 2	0.13	< 0.5	1	45	9	4.72	< 10	< 1	0.01	10	0.15	75
L26S	1200E	201	298	30	< 0.2	1.54	< 5	20	< 0.5	< 2	0.63	< 0.5	9	43	7	1.85	< 10	< 1	0.02	< 10	0.57	270
L26S	BL0+00	201	298	< 5	< 0.2	2.62	< 5	20	< 0.5	< 2	0.12	< 0.5	3	36	9	2.63	< 10	< 1	0.02	< 10	0.17	85
L26S	0+50W	201	298	< 5	< 0.2	3.03	5	20	< 0.5	< 2	0.09	< 0.5	2	40	17	3.12	< 10	< 1	0.02	< 10	0.14	70
L26S	100W	201	298	< 5	< 0.2	1.71	< 5	10	< 0.5	< 2	0.10	< 0.5	3	32	12	1.84	< 10	< 1	0.01	10	0.20	80

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :4-B
Total Pages :5
Certificate Date: 18-JUN-91
Invoice No. :I9116124
P.O. Number :

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L24S	600E	201	298	< 1	< 0.01	9	320	8	< 5	1	6	0.07	< 10	< 10	31	< 10	32
L24S	650E	201	298	< 1	0.01	5	170	6	< 5	2	8	0.08	< 10	< 10	27	< 10	18
L24S	700E	201	298	< 1	0.01	18	420	8	< 5	4	10	0.13	< 10	< 10	42	< 10	32
L24S	750E	201	298	< 1	0.08	14	710	10	< 5	6	15	0.24	< 10	< 10	82	< 10	60
L24S	800E	201	298	1	0.01	14	580	6	< 5	3	10	0.12	< 10	< 10	43	< 10	64
L24S	850E	201	298	< 1	< 0.01	< 1	150	4	< 5	< 1	11	0.04	< 10	< 10	9	< 10	12
L24S	900E	201	298	< 1	0.01	9	300	6	< 5	2	14	0.11	< 10	< 10	33	< 10	68
L24S	950E	201	298	< 1	0.01	17	250	56	< 5	3	14	0.16	< 10	< 10	64	< 10	40
L24S	1000E	201	298	< 1	0.01	16	190	8	< 5	2	14	0.15	< 10	< 10	50	< 10	42
L24S	1050E	201	298	1	0.01	7	120	8	< 5	2	15	0.10	< 10	< 10	17	< 10	12
L24S	BL0+00	201	298	< 1	0.01	14	130	10	< 5	3	12	0.12	< 10	< 10	45	< 10	22
L24S	0+50W	201	298	< 1	0.01	17	250	10	< 5	3	10	0.11	< 10	< 10	35	< 10	24
L24S	100W	201	298	< 1	0.01	20	220	6	< 5	3	17	0.11	< 10	< 10	35	< 10	36
L24S	150W	201	298	< 1	< 0.01	13	200	6	< 5	2	7	0.10	< 10	< 10	40	< 10	20
L24S	200W	201	298	< 1	< 0.01	5	80	4	< 5	1	7	0.07	< 10	< 10	28	< 10	20
L24S	250W	201	298	< 1	< 0.01	7	130	4	< 5	2	6	0.10	< 10	< 10	45	< 10	24
L26S	0+50E	201	298	< 1	0.01	14	170	8	< 5	3	10	0.10	< 10	< 10	41	< 10	24
L26S	250E	201	298	< 1	0.01	13	230	8	< 5	4	9	0.11	< 10	< 10	41	< 10	18
L26S	300E	201	298	< 1	0.01	5	200	10	< 5	3	10	0.20	< 10	< 10	77	< 10	22
L26S	350E	201	298	< 1	0.01	6	170	6	< 5	3	10	0.10	< 10	< 10	45	< 10	20
L26S	400E	201	298	1	0.01	15	270	8	< 5	4	11	0.11	< 10	< 10	41	< 10	26
L26S	450E	201	298	< 1	0.01	16	320	4	< 5	4	15	0.19	< 10	< 10	60	< 10	38
L26S	500E	201	298	< 1	< 0.01	5	130	4	< 5	1	8	0.14	< 10	< 10	92	< 10	18
L26S	550E	201	298	< 1	0.01	8	340	12	< 5	2	8	0.18	< 10	< 10	79	< 10	30
L26S	600E	201	298	< 1	< 0.01	18	510	12	< 5	3	7	0.12	< 10	< 10	49	< 10	32
L26S	650E	201	298	< 1	< 0.01	17	370	10	5	2	7	0.10	< 10	< 10	41	< 10	58
L26S	700E	201	298	< 1	< 0.01	12	310	4	< 5	2	7	0.10	< 10	< 10	46	< 10	36
L26S	750E	201	298	< 1	< 0.01	9	470	8	30	1	6	0.08	< 10	< 10	37	< 10	38
L26S	800E	201	298	< 1	0.01	16	420	10	< 5	2	9	0.12	< 10	< 10	44	< 10	78
L26S	850E	201	298	1	0.01	11	190	10	< 5	2	10	0.11	< 10	< 10	32	< 10	52
L26S	900E	201	298	2	0.01	20	270	298	< 5	3	12	0.12	< 10	< 10	38	< 10	154
L26S	950E	201	298	< 1	0.01	9	160	74	< 5	2	10	0.12	< 10	< 10	33	< 10	30
L26S	1000E	201	298	< 1	0.01	5	50	6	< 5	1	10	0.07	< 10	< 10	13	< 10	10
L26S	1050E	201	298	1	0.01	8	200	24	< 5	2	10	0.30	< 10	< 10	128	< 10	36
L26S	1100E	201	298	< 1	0.01	13	130	8	< 5	2	12	0.12	< 10	< 10	40	< 10	28
L26S	1150E	201	298	2	0.01	9	170	8	< 5	2	10	0.21	< 10	< 10	90	< 10	28
L26S	1200E	201	298	< 1	0.01	22	50	8	< 5	6	32	0.26	< 10	< 10	53	< 10	36
L26S	BL0+00	201	298	< 1	0.01	14	220	4	< 5	2	10	0.14	< 10	< 10	53	< 10	36
L26S	0+50W	201	298	< 1	0.01	13	480	6	< 5	2	7	0.11	< 10	< 10	46	< 10	46
L26S	100W	201	298	< 1	< 0.01	12	150	6	< 5	3	9	0.13	< 10	< 10	43	< 10	26

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :I9116124
P.O. Number :

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L26S 150W	201 298	< 5	0.2	2.52	10	20	< 0.5	< 2	0.10	< 0.5	3	47	10	2.46	< 10	< 1	0.02	10	0.19	80
L26S 200W	201 298	< 5	0.2	0.88	5	20	< 0.5	< 2	0.40	< 0.5	3	18	14	2.86	10	< 1	0.04	< 10	0.38	180

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :I9116124
P.O. Number

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L268 150W	201 298	< 1	0.01	15	320	8	< 5	2	9	0.10	< 10	< 10	41	< 10	44
L268 200W	201 298	< 1	0.03	6	230	22	< 5	4	6	0.47	< 10	< 10	113	< 10	46

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :1-A
Total Pages :5
Certificate Date: 18-JUN-91
Invoice No. :19116124
P.O. Number :

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L14S 750E	201	298	< 5	< 0.2	2.62	< 5	30	0.5	< 2	0.20	< 0.5	6	46	45	2.81	< 10	< 1	0.02	10	0.20	90
L14S BL0+00	201	298	< 5	< 0.2	1.37	< 5	20	< 0.5	2	0.13	< 0.5	2	27	12	1.74	< 10	< 1	0.02	< 10	0.16	65
L14S 0+50W	201	298	< 5	< 0.2	1.06	< 5	20	< 0.5	< 2	0.15	< 0.5	4	23	12	1.53	< 10	< 1	0.02	10	0.18	70
L14S 100W	201	298	5	< 0.2	0.94	< 5	10	< 0.5	< 2	0.09	< 0.5	2	17	3	1.53	< 10	< 1	0.01	< 10	0.21	75
L14S 150W	201	298	< 5	< 0.2	2.95	< 5	20	< 0.5	< 2	0.08	< 0.5	2	36	10	2.80	< 10	< 1	0.02	< 10	0.12	50
L14S 200W	201	298	< 5	< 0.2	0.45	< 5	20	< 0.5	< 2	0.09	< 0.5	< 1	8	5	0.17	< 10	< 1	0.01	10	0.03	30
L14S 250W	201	298	< 5	< 0.2	3.65	10	10	< 0.5	< 2	0.10	< 0.5	2	37	6	3.03	< 10	< 1	0.02	10	0.13	50
L14S 300W	201	298	< 5	< 0.2	0.83	< 5	10	< 0.5	< 2	0.10	< 0.5	< 1	14	4	2.01	< 10	< 1	0.01	< 10	0.07	50
L14S 350W	201	298	< 5	< 0.2	2.87	< 5	20	< 0.5	< 2	0.11	< 0.5	4	33	7	1.82	< 10	< 1	0.01	< 10	0.19	65
L14S 400W	201	298	10	< 0.2	1.08	< 5	20	< 0.5	< 2	0.17	< 0.5	4	24	19	1.11	< 10	< 1	< 0.01	< 10	0.29	100
L14S 450W	201	298	< 5	< 0.2	1.90	< 5	20	< 0.5	< 2	0.16	< 0.5	4	38	15	1.85	< 10	< 1	0.01	10	0.26	80
L14S 500W	201	298	< 5	< 0.2	0.51	< 5	10	< 0.5	< 2	0.08	< 0.5	< 1	13	5	0.87	< 10	< 1	0.01	< 10	0.05	45
L14S 550W	201	298	< 5	< 0.2	3.07	< 5	30	0.5	< 2	0.18	< 0.5	11	47	14	2.17	< 10	< 1	0.01	< 10	0.31	120
L14S 650W	201	298	< 5	< 0.2	1.94	< 5	60	0.5	< 2	0.25	< 0.5	7	34	21	1.45	< 10	< 1	0.01	20	0.20	75
L14S 700W	201	298	15	< 0.2	2.33	< 5	20	< 0.5	< 2	0.20	< 0.5	5	34	10	1.76	< 10	< 1	0.02	10	0.17	95
L14S 750W	201	298	< 5	< 0.2	2.73	< 5	20	< 0.5	< 2	0.19	< 0.5	3	38	10	2.89	< 10	< 1	0.02	10	0.17	90
L14S 800W	201	298	< 5	< 0.2	1.58	< 5	30	< 0.5	< 2	0.15	< 0.5	3	29	11	2.33	< 10	< 1	0.02	< 10	0.16	85
L14S 850W	201	298	< 5	< 0.2	0.51	< 5	30	< 0.5	< 2	0.43	< 0.5	1	6	11	1.44	< 10	< 1	0.02	10	0.10	90
L14S 900W	201	298	< 5	< 0.2	0.86	< 5	10	< 0.5	< 2	0.07	< 0.5	< 1	16	5	1.45	10	< 1	0.02	10	0.05	35
L14S 950W	201	298	< 5	< 0.2	1.62	< 5	20	< 0.5	< 2	0.16	< 0.5	3	27	9	1.45	< 10	< 1	0.02	10	0.15	70
L14S 1000W	201	298	< 5	< 0.2	2.80	< 5	20	< 0.5	< 2	0.11	< 0.5	5	37	13	2.25	< 10	< 1	0.01	< 10	0.22	110
L14S 1050W	201	298	< 5	< 0.2	1.69	< 5	10	< 0.5	< 2	0.10	< 0.5	6	32	10	1.68	< 10	< 1	0.01	10	0.21	70
L14S 1100W	201	298	< 5	< 0.2	0.27	< 5	< 10	< 0.5	< 2	0.02	< 0.5	< 1	6	1	0.35	< 10	< 1	< 0.01	< 10	0.02	15
L14S 1150W	201	298	< 5	< 0.2	0.17	< 5	30	< 0.5	< 2	0.06	< 0.5	< 1	9	9	0.48	< 10	< 1	< 0.01	< 10	0.02	30
L14S 1200W	201	298	< 5	< 0.2	0.83	< 5	10	< 0.5	< 2	0.08	< 0.5	1	19	7	0.72	< 10	< 1	< 0.01	< 10	0.13	40
L14S 1250W	201	298	< 5	< 0.2	1.65	< 5	20	< 0.5	< 2	0.09	< 0.5	3	32	20	2.08	< 10	< 1	< 0.01	10	0.19	55
L14S 1400W	201	298	< 5	< 0.2	0.76	< 5	10	< 0.5	< 2	0.04	< 0.5	1	12	9	0.80	< 10	< 1	< 0.01	< 10	0.03	30
L14S 1450W	201	298	< 5	< 0.2	0.91	< 5	20	< 0.5	< 2	0.14	< 0.5	3	27	8	1.54	< 10	< 1	0.01	< 10	0.19	115
L14S 1500W	201	298	< 5	< 0.2	0.55	< 5	20	< 0.5	< 2	0.10	< 0.5	1	13	4	0.85	< 10	< 1	0.01	10	0.07	60
L14S 1550W	201	298	< 5	< 0.2	2.18	< 5	20	< 0.5	< 2	0.14	< 0.5	5	36	8	1.67	< 10	< 1	0.01	10	0.22	95
L16S 0+50E	201	298	< 5	< 0.2	1.16	< 5	10	< 0.5	< 2	0.12	< 0.5	2	20	9	1.77	< 10	< 1	< 0.01	< 10	0.11	70
L16S 1+00E	201	298	< 5	< 0.2	0.56	< 5	20	< 0.5	< 2	0.16	< 0.5	< 1	10	8	1.94	10	< 1	0.01	< 10	0.07	50
L16S 1+50E	201	298	< 5	< 0.2	1.03	5	30	< 0.5	< 2	0.29	< 0.5	3	4	34	5.11	20	< 1	0.05	< 10	0.38	260
L16S 2+00E	201	298	< 5	< 0.2	0.47	< 5	10	< 0.5	< 2	0.09	< 0.5	1	11	8	0.43	< 10	< 1	0.01	< 10	0.08	40
L16S 2+50E	201	298	< 5	< 0.2	1.04	< 5	20	< 0.5	< 2	0.23	< 0.5	3	24	13	0.99	< 10	< 1	0.01	10	0.28	95
L16S 3+00E	201	298	< 5	< 0.2	0.47	< 5	10	< 0.5	< 2	0.15	< 0.5	1	15	12	0.66	< 10	< 1	0.01	< 10	0.07	45
L16S 3+50E	201	298	< 5	< 0.2	2.11	< 5	20	< 0.5	< 2	0.14	< 0.5	3	35	13	2.52	< 10	< 1	0.02	10	0.24	105
L16S 4+00E	201	298	< 5	< 0.2	0.83	< 5	10	< 0.5	< 2	0.13	< 0.5	1	23	7	2.52	10	< 1	0.01	< 10	0.16	65
L16S 4+50E	201	298	< 5	< 0.2	0.26	< 5	10	< 0.5	< 2	0.04	< 0.5	< 1	5	2	0.22	< 10	< 1	< 0.01	< 10	0.01	20
L16S 5+00E	201	298	< 5	< 0.2	1.95	< 5	20	< 0.5	< 2	0.11	< 0.5	4	34	8	1.52	< 10	< 1	0.01	< 10	0.18	85

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.
1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S6

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :1-B
Total Pages :5
Certificate Date: 16-JUN-91
Invoice No. :19116124
P.O. Number :

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L14S	750E	201	298	2	0.01	23	490	14	< 5	3	10	0.13	< 10	< 10	42	< 10	46
L14S	BL0+00	201	298	< 1	0.01	11	200	2	< 5	2	11	0.11	< 10	< 10	34	< 10	26
L14S	0+50W	201	298	1	0.01	13	110	4	< 5	2	14	0.12	< 10	< 10	35	< 10	26
L14S	100W	201	298	< 1	0.01	6	90	6	< 5	1	8	0.16	< 10	< 10	50	< 10	20
L14S	150W	201	298	< 1	0.01	12	330	4	< 5	2	7	0.10	< 10	< 10	41	< 10	32
L14S	200W	201	298	< 1	< 0.01	3	50	2	< 5	1	10	0.06	< 10	< 10	8	< 10	10
L14S	250W	201	298	< 1	0.01	10	390	4	< 5	3	8	0.11	< 10	< 10	42	< 10	28
L14S	300W	201	298	< 1	0.01	4	170	6	< 5	1	8	0.18	< 10	< 10	69	< 10	16
L14S	350W	201	298	< 1	0.01	13	310	4	< 5	3	8	0.09	< 10	< 10	26	< 10	20
L14S	400W	201	298	< 1	0.01	15	150	4	< 5	2	10	0.10	< 10	< 10	24	< 10	18
L14S	450W	201	298	< 1	0.01	17	170	8	< 5	3	11	0.11	< 10	< 10	28	< 10	58
L14S	500W	201	298	< 1	< 0.01	4	80	6	< 5	1	8	0.11	< 10	< 10	45	< 10	12
L14S	550W	201	298	< 1	0.01	29	190	6	< 5	4	14	0.13	< 10	< 10	39	< 10	30
L14S	650W	201	298	1	0.01	28	280	12	< 5	3	22	0.13	< 10	< 10	42	< 10	32
L14S	700W	201	298	< 1	0.01	13	200	8	< 5	4	18	0.13	< 10	< 10	37	< 10	22
L14S	750W	201	298	< 1	0.01	13	290	8	< 5	3	17	0.16	< 10	< 10	49	< 10	40
L14S	800W	201	298	< 1	0.01	11	380	10	< 5	2	13	0.12	< 10	< 10	49	< 10	42
L14S	850W	201	298	< 1	0.02	4	100	16	< 5	2	13	0.27	< 10	< 10	196	< 10	28
L14S	900W	201	298	< 1	< 0.01	4	160	10	< 5	1	8	0.11	< 10	< 10	45	< 10	18
L14S	950W	201	298	< 1	0.01	10	150	10	< 5	3	15	0.12	< 10	< 10	33	< 10	34
L14S	1000W	201	298	< 1	< 0.01	15	390	10	< 5	3	8	0.10	< 10	< 10	34	< 10	34
L14S	1050W	201	298	< 1	0.01	13	180	4	< 5	3	7	0.10	< 10	< 10	36	< 10	26
L14S	1100W	201	298	< 1	< 0.01	2	50	4	< 5	< 1	3	0.05	< 10	< 10	17	< 10	8
L14S	1150W	201	298	< 1	0.01	1	70	8	< 5	< 1	3	0.05	< 10	< 10	19	< 10	12
L14S	1200W	201	298	< 1	< 0.01	4	160	6	< 5	1	5	0.08	< 10	< 10	18	< 10	16
L14S	1250W	201	298	1	0.01	12	120	8	< 5	2	8	0.09	< 10	< 10	40	< 10	18
L14S	1400W	201	298	< 1	< 0.01	2	120	6	< 5	< 1	5	0.06	< 10	< 10	19	< 10	10
L14S	1450W	201	298	< 1	< 0.01	10	150	8	< 5	1	11	0.10	< 10	< 10	37	< 10	28
L14S	1500W	201	298	< 1	< 0.01	4	150	4	< 5	1	9	0.08	< 10	< 10	26	< 10	24
L14S	1550W	201	298	< 1	0.01	17	440	6	< 5	2	10	0.09	< 10	< 10	30	< 10	32
L16S	0+50E	201	298	1	< 0.01	7	220	8	< 5	1	9	0.10	< 10	< 10	37	< 10	54
L16S	1+00E	201	298	< 1	0.01	2	180	10	< 5	1	8	0.28	< 10	< 10	147	< 10	22
L16S	1+50E	201	298	< 1	0.02	5	300	12	< 5	4	3	0.62	< 10	< 10	222	< 10	48
L16S	2+00E	201	298	< 1	< 0.01	4	100	10	< 5	< 1	8	0.09	< 10	< 10	18	< 10	20
L16S	2+50E	201	298	1	0.01	11	100	30	< 5	2	13	0.18	< 10	< 10	34	< 10	54
L16S	3+00E	201	298	1	< 0.01	2	130	24	< 5	1	12	0.20	< 10	< 10	35	< 10	18
L16S	3+50E	201	298	< 1	0.01	13	520	8	< 5	3	10	0.13	< 10	< 10	40	< 10	44
L16S	4+00E	201	298	1	< 0.01	5	160	20	< 5	1	10	0.18	< 10	< 10	61	< 10	34
L16S	4+50E	201	298	< 1	< 0.01	1	60	2	< 5	< 1	5	0.05	< 10	< 10	11	< 10	14
L16S	5+00E	201	298	< 1	< 0.01	18	320	4	< 5	2	7	0.09	< 10	< 10	28	< 10	50

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :2-A
Total Pages :5
Certificate Date: 18-JUN-91
Invoice No. :19116124
P.O. Number

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L16S 5+50E	201	298	< 5	< 0.2	0.52	< 5	10	< 0.5	< 2	0.06	< 0.5	1	16	6	1.37	< 10	< 1	0.01	< 10	0.09	90
L16S 6+00E	201	298	< 5	0.4	1.94	< 5	40	< 0.5	< 2	0.11	< 0.5	11	47	40	4.24	< 10	< 1	0.03	20	0.24	140
L16S 6+50E	201	298	< 5	< 0.2	0.65	5	10	< 0.5	< 2	0.13	< 0.5	2	66	7	1.16	< 10	< 1	0.03	10	0.20	95
L16S 0+50W	201	298	< 5	< 0.2	0.82	< 5	20	< 0.5	< 2	0.20	< 0.5	5	23	20	0.90	< 10	< 1	0.02	10	0.26	110
L16S 100W	201	298	< 5	0.4	1.36	< 5	10	< 0.5	< 2	0.14	< 0.5	2	47	9	4.35	< 10	< 1	0.01	10	0.21	80
L16S 150W	201	298	< 5	< 0.2	0.63	< 5	10	< 0.5	< 2	0.09	< 0.5	1	14	6	0.29	< 10	< 1	0.01	10	0.06	35
L16S 200W	201	298	< 5	< 0.2	1.10	< 5	10	< 0.5	< 2	0.07	< 0.5	1	15	6	1.08	< 10	< 1	0.01	< 10	0.05	35
L16S 250W	201	298	< 5	< 0.2	0.74	< 5	20	< 0.5	< 2	0.17	< 0.5	2	21	8	0.79	< 10	< 1	0.02	10	0.23	80
L18S 0+50E	201	298	< 5	< 0.2	0.89	5	20	< 0.5	< 2	0.11	< 0.5	2	27	9	2.17	< 10	< 1	0.02	< 10	0.15	60
L18S 100E	201	298	< 5	0.2	2.76	< 5	20	< 0.5	< 2	0.08	< 0.5	2	34	11	2.64	< 10	< 1	0.02	10	0.14	50
L18S 150E	201	298	< 5	< 0.2	1.88	< 5	40	< 0.5	< 2	0.10	< 0.5	4	35	17	1.66	< 10	< 1	0.02	< 10	0.21	75
L18S 250E	201	298	< 5	< 0.2	0.61	< 5	10	< 0.5	< 2	0.05	< 0.5	1	17	25	0.13	< 10	< 1	0.01	< 10	0.02	5
L18S 300E	201	298	< 5	0.2	1.24	< 5	10	< 0.5	< 2	0.19	< 0.5	2	28	21	4.01	< 10	< 1	0.03	< 10	0.18	80
L18S 350E	201	298	< 5	< 0.2	0.96	< 5	20	< 0.5	< 2	0.10	< 0.5	2	28	10	1.57	< 10	1	0.02	< 10	0.11	70
L18S 400E	201	298	< 5	< 0.2	1.02	< 5	10	< 0.5	2	0.06	< 0.5	< 1	18	4	1.96	< 10	< 1	0.01	< 10	0.05	30
L18S 450E	201	298	< 5	0.2	1.36	< 5	20	< 0.5	< 2	0.37	< 0.5	5	33	23	5.26	< 10	< 1	0.06	< 10	0.51	260
L18S 500E	201	298	< 5	< 0.2	1.81	< 5	10	< 0.5	< 2	0.09	< 0.5	1	28	16	2.60	< 10	< 1	0.01	< 10	0.11	50
L18S 550E	201	298	< 5	< 0.2	1.23	5	10	< 0.5	< 2	0.55	< 0.5	7	2	17	3.02	< 10	< 1	0.04	< 10	0.48	250
L18S 600E	201	298	< 5	0.2	0.51	< 5	10	< 0.5	< 2	0.13	< 0.5	< 1	11	3	0.62	20	< 1	0.01	10	0.04	60
L18S 650E	201	298	< 5	< 0.2	1.06	< 5	20	0.5	< 2	0.10	< 0.5	1	14	28	0.95	< 10	< 1	< 0.01	10	0.07	50
L18S 700E	201	298	< 5	< 0.2	1.62	< 5	30	0.5	< 2	0.14	< 0.5	3	31	16	3.16	< 10	< 1	0.01	10	0.18	90
L18S 750E	201	298	< 5	< 0.2	0.54	< 5	10	< 0.5	< 2	0.12	< 0.5	1	17	7	1.27	< 10	< 1	< 0.01	10	0.06	45
L18S BL0+00	201	298	< 5	< 0.2	1.27	< 5	20	< 0.5	< 2	0.10	< 0.5	1	17	7	0.79	< 10	< 1	< 0.01	10	0.08	40
L18S 0+50W	201	298	< 5	0.2	1.67	< 5	30	< 0.5	< 2	0.11	< 0.5	3	30	6	2.47	< 10	< 1	0.01	< 10	0.16	80
L18S 100W	201	298	< 5	< 0.2	2.17	< 5	30	0.5	< 2	0.12	< 0.5	5	34	11	1.96	< 10	< 1	0.01	10	0.21	75
L18S 150W	201	298	< 5	< 0.2	0.56	< 5	10	< 0.5	< 2	0.08	< 0.5	1	9	3	0.62	< 10	< 1	< 0.01	< 10	0.07	40
L18S 200W	201	298	< 5	< 0.2	2.80	5	20	0.5	< 2	0.12	< 0.5	5	34	7	1.98	< 10	< 1	0.01	10	0.21	80
L18S 250W	201	298	< 5	< 0.2	1.54	10	10	< 0.5	< 2	0.11	< 0.5	2	29	10	1.91	< 10	< 1	< 0.01	10	0.17	70
L20S 0+50E	201	298	< 5	0.2	2.33	5	20	0.5	< 2	0.16	< 0.5	5	40	25	2.59	< 10	< 1	0.02	10	0.26	90
L20S 100E	201	298	< 5	0.2	1.00	< 5	20	< 0.5	< 2	0.11	< 0.5	2	20	11	1.24	< 10	< 1	0.01	10	0.09	60
L20S 200E	201	298	< 5	0.2	2.01	5	10	0.5	< 2	0.10	< 0.5	3	32	12	1.85	< 10	< 1	0.01	< 10	0.14	60
L20S 250E	201	298	< 5	0.2	1.57	5	20	< 0.5	< 2	0.11	< 0.5	4	25	11	1.71	< 10	< 1	0.02	< 10	0.12	55
L20S 300E	201	298	< 5	0.2	1.43	15	10	0.5	< 2	0.12	< 0.5	4	31	11	2.31	< 10	< 1	0.01	< 10	0.18	80
L20S 350E	201	298	< 5	< 0.2	1.57	< 5	10	< 0.5	< 2	0.10	< 0.5	2	21	6	1.58	< 10	< 1	0.01	10	0.06	45
L20S 400E	201	298	< 5	0.2	1.88	5	10	0.5	< 2	0.12	< 0.5	4	28	7	1.81	< 10	< 1	0.02	10	0.13	60
L20S 450E	201	298	< 5	< 0.2	0.66	< 5	10	< 0.5	< 2	0.06	< 0.5	1	22	6	2.05	< 10	< 1	0.02	< 10	0.08	40
L20S 500E	201	298	< 5	< 0.2	0.17	< 5	10	< 0.5	< 2	0.04	< 0.5	< 1	6	5	0.23	< 10	< 1	0.01	10	0.01	25
L20S 550E	201	298	< 5	< 0.2	0.34	< 5	< 10	< 0.5	< 2	0.05	< 0.5	< 1	10	1	0.30	< 10	< 1	0.01	< 10	0.04	20
L20S 600E	201	298	< 5	0.2	2.09	5	10	0.5	< 2	0.09	< 0.5	3	33	18	1.89	< 10	< 1	0.01	< 10	0.21	80
L20S 650E	201	298	< 5	0.2	0.72	< 5	10	< 0.5	< 2	0.09	< 0.5	1	19	9	1.25	< 10	< 1	0.01	10	0.11	45

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :19116124
P.O. Number :

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L16S 5+50E	201 298	< 1	< 0.01	7	190	10	< 5	1	5	0.09	< 10	< 10	35	< 10	26
L16S 6+00E	201 298	1	0.01	20	380	34	< 5	3	9	0.11	< 10	< 10	66	< 10	48
L16S 6+50E	201 298	1	< 0.01	10	130	10	< 5	1	11	0.14	< 10	< 10	50	< 10	26
L16S 0+50W	201 298	< 1	0.01	17	80	10	< 5	2	16	0.12	< 10	< 10	22	< 10	22
L16S 100W	201 298	< 1	< 0.01	13	230	10	< 5	2	11	0.14	< 10	< 10	81	< 10	26
L16S 150W	201 298	< 1	< 0.01	6	120	8	< 5	1	10	0.07	< 10	< 10	12	< 10	12
L16S 200W	201 298	< 1	< 0.01	4	120	10	< 5	1	8	0.08	< 10	< 10	28	< 10	16
L16S 250W	201 298	< 1	0.01	13	210	6	< 5	1	11	0.10	< 10	< 10	21	< 10	18
L18S 0+50E	201 298	< 1	< 0.01	11	180	6	< 5	1	9	0.12	< 10	< 10	68	< 10	22
L18S 100E	201 298	< 1	< 0.01	11	380	10	< 5	3	6	0.11	< 10	< 10	47	< 10	24
L18S 150E	201 298	< 1	0.01	17	120	2	< 5	2	8	0.10	< 10	< 10	34	< 10	32
L18S 250E	201 298	< 1	< 0.01	3	560	2	< 5	< 1	5	< 0.01	< 10	< 10	6	< 10	14
L18S 300E	201 298	< 1	0.02	5	190	6	< 5	3	6	0.24	< 10	< 10	93	< 10	30
L18S 350E	201 298	< 1	0.01	7	140	6	< 5	1	7	0.10	< 10	< 10	43	< 10	32
L18S 400E	201 298	< 1	< 0.01	2	160	8	< 5	1	5	0.10	< 10	< 10	48	< 10	22
L18S 450E	201 298	< 1	0.03	21	540	12	< 5	5	6	0.42	< 10	< 10	86	< 10	78
L18S 500E	201 298	< 1	0.01	6	490	6	< 5	2	6	0.10	< 10	< 10	42	< 10	22
L18S 550E	201 298	< 1	0.05	13	310	22	< 5	6	6	0.38	< 10	< 10	72	< 10	36
L18S 600E	201 298	< 1	0.01	2	90	6	< 5	1	11	0.17	< 10	< 10	28	< 10	16
L18S 650E	201 298	< 1	< 0.01	7	230	4	< 5	1	10	0.07	< 10	< 10	19	< 10	18
L18S 700E	201 298	< 1	< 0.01	10	320	10	< 5	3	13	0.15	< 10	< 10	65	< 10	36
L18S 750E	201 298	< 1	< 0.01	5	80	4	< 5	1	13	0.11	< 10	< 10	50	< 10	12
L18S RL0+00	201 298	< 1	< 0.01	5	150	6	< 5	2	10	0.10	< 10	< 10	30	< 10	14
L18S 0+50W	201 298	< 1	< 0.01	12	200	8	< 5	2	9	0.11	< 10	< 10	40	< 10	26
L18S 100W	201 298	< 1	0.01	20	170	2	< 5	3	9	0.11	< 10	< 10	39	< 10	24
L18S 150W	201 298	< 1	< 0.01	3	50	8	< 5	1	8	0.08	< 10	< 10	20	< 10	10
L18S 200W	201 298	< 1	0.01	17	440	6	< 5	3	9	0.10	< 10	< 10	34	< 10	32
L18S 250W	201 298	< 1	< 0.01	11	290	12	< 5	2	9	0.12	< 10	< 10	42	< 10	32
L20S 0+50E	201 298	< 1	0.01	18	410	6	< 5	3	10	0.10	< 10	< 10	44	< 10	32
L20S 100E	201 298	< 1	0.01	8	170	6	< 5	1	10	0.09	< 10	< 10	33	< 10	24
L20S 200E	201 298	< 1	< 0.01	11	120	4	< 5	2	10	0.11	< 10	< 10	46	< 10	16
L20S 250E	201 298	< 1	< 0.01	11	90	10	< 5	2	12	0.11	< 10	< 10	45	< 10	18
L20S 300E	201 298	< 1	0.01	10	120	6	< 5	2	11	0.13	< 10	< 10	51	< 10	22
L20S 350E	201 298	< 1	0.01	5	140	8	< 5	2	11	0.10	< 10	< 10	42	< 10	14
L20S 400E	201 298	< 1	0.01	10	150	8	< 5	2	13	0.11	< 10	< 10	44	< 10	16
L20S 450E	201 298	< 1	< 0.01	4	180	8	< 5	1	6	0.13	< 10	< 10	61	< 10	26
L20S 500E	201 298	< 1	< 0.01	1	40	2	< 5	< 1	5	0.03	< 10	< 10	9	< 10	10
L20S 550E	201 298	< 1	< 0.01	3	50	8	< 5	< 1	5	0.08	< 10	< 10	17	< 10	8
L20S 600E	201 298	1	0.01	13	520	24	< 5	3	7	0.08	< 10	< 10	30	< 10	42
L20S 650E	201 298	< 1	< 0.01	5	170	20	< 5	1	7	0.09	< 10	< 10	37	< 10	22

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :I9116124
P.O. Number :

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L20S	700E	201	298	< 5	0.2	1.16	5	10	0.5	< 2	0.09	< 0.5	1	17	5	1.02	< 10	< 1	0.01	10	0.06	45
L20S	750E	201	298	< 5	< 0.2	1.31	< 5	10	0.5	< 2	0.10	< 0.5	2	23	10	1.62	< 10	< 1	0.02	10	0.09	70
L20S	800E	201	298	< 5	0.2	1.22	5	20	0.5	< 2	0.54	< 0.5	3	38	14	2.01	< 10	< 1	0.04	< 10	0.49	155
L20S	BL0+00	201	298	< 5	0.4	2.94	< 5	30	0.5	< 2	0.13	< 0.5	5	38	9	2.39	< 10	< 1	0.02	10	0.19	80
L20S	0+50W	201	298	< 5	0.2	1.07	< 5	20	< 0.5	< 2	0.17	< 0.5	3	26	12	0.85	< 10	< 1	0.03	10	0.23	85
L20S	100W	201	298	< 5	0.4	1.07	< 5	10	< 0.5	< 2	0.11	< 0.5	1	21	3	1.53	< 10	< 1	0.02	10	0.08	55
L20S	150W	201	298	< 5	0.2	1.17	< 5	30	< 0.5	< 2	0.12	< 0.5	1	21	5	2.04	< 10	< 1	0.02	< 10	0.08	60
L20S	200W	201	298	< 5	< 0.2	2.01	< 5	20	0.5	< 2	0.17	< 0.5	5	33	13	1.93	< 10	< 1	0.02	10	0.21	90
L20S	250W	201	298	< 5	< 0.2	1.77	< 5	20	0.5	< 2	0.18	< 0.5	5	33	16	1.70	< 10	< 1	0.02	10	0.31	105
L22S	0+50E	201	298	< 5	0.2	2.18	5	10	0.5	< 2	0.08	< 0.5	3	35	12	2.26	< 10	< 1	0.01	< 10	0.13	50
L22S	150E	201	298	< 5	< 0.2	0.96	< 5	10	< 0.5	< 2	0.10	< 0.5	2	21	6	0.89	< 10	< 1	0.01	< 10	0.17	55
L22S	200E	201	298	< 5	< 0.2	0.38	< 5	10	< 0.5	< 2	0.05	< 0.5	< 1	9	4	0.32	< 10	< 1	0.01	< 10	0.03	30
L22S	250E	201	298	< 5	< 0.2	0.82	< 5	10	< 0.5	< 2	0.05	< 0.5	< 1	17	3	1.62	< 10	< 1	< 0.01	< 10	0.04	30
L22S	300E	201	298	< 5	< 0.2	2.11	5	30	1.0	< 2	0.11	< 0.5	6	39	16	1.85	< 10	< 1	0.01	10	0.25	85
L22S	350E	201	298	< 5	< 0.2	0.99	< 5	10	< 0.5	< 2	0.06	< 0.5	1	20	6	1.47	< 10	< 1	0.01	< 10	0.05	35
L22S	400E	201	298	< 5	< 0.2	1.53	10	10	< 0.5	< 2	0.06	< 0.5	1	24	5	2.20	< 10	< 1	< 0.01	< 10	0.07	35
L22S	450E	201	298	< 5	< 0.2	1.42	< 5	20	0.5	< 2	0.08	< 0.5	1	19	6	1.71	< 10	< 1	0.01	10	0.06	40
L22S	500E	201	298	< 5	0.2	0.81	5	20	< 0.5	< 2	0.07	< 0.5	< 1	27	6	3.10	< 10	< 1	0.01	< 10	0.07	45
L22S	550E	201	298	< 5	< 0.2	2.01	5	10	0.5	< 2	0.13	< 0.5	3	33	6	1.72	< 10	< 1	0.01	10	0.22	80
L22S	600E	201	298	< 5	< 0.2	1.17	5	10	< 0.5	< 2	0.15	< 0.5	1	22	10	1.84	< 10	< 1	0.02	< 10	0.12	85
L22S	650E	201	298	< 5	< 0.2	1.57	< 5	10	< 0.5	< 2	0.20	< 0.5	7	33	7	1.40	< 10	< 1	0.02	10	0.29	155
L22S	700E	201	298	< 5	< 0.2	0.68	5	< 10	< 0.5	< 2	0.26	< 0.5	6	26	12	1.20	< 10	< 1	0.01	10	0.31	140
L22S	750E	201	298	< 5	0.2	1.41	5	20	< 0.5	< 2	0.11	< 0.5	4	26	10	1.80	< 10	1	0.02	10	0.15	170
L22S	800E	201	298	< 5	< 0.2	0.96	< 5	30	< 0.5	< 2	0.19	< 0.5	2	26	19	1.31	< 10	< 1	0.04	< 10	0.19	175
L22S	850E	201	298	< 5	< 0.2	0.54	< 5	50	< 0.5	< 2	0.19	< 0.5	< 1	11	35	0.67	< 10	< 1	0.03	10	0.05	80
L22S	900E	201	298	< 5	< 0.2	1.40	5	30	0.5	< 2	0.12	< 0.5	2	28	7	2.07	< 10	< 1	0.01	< 10	0.14	65
L22S	950E	201	298	< 5	0.2	2.31	< 5	30	0.5	< 2	0.15	< 0.5	8	42	15	2.63	< 10	< 1	0.02	< 10	0.24	160
L22S	1000E	201	298	< 5	< 0.2	2.43	< 5	30	0.5	< 2	0.14	< 0.5	5	49	25	1.68	< 10	< 1	0.01	10	0.24	85
L22S	0+50W	201	298	< 5	< 0.2	1.27	< 5	20	< 0.5	< 2	0.10	< 0.5	2	21	7	1.33	< 10	< 1	0.01	10	0.11	55
L22S	100W	201	298	< 5	< 0.2	0.47	< 5	10	< 0.5	< 2	0.07	< 0.5	1	10	2	0.40	< 10	< 1	0.01	10	0.05	35
L22S	150W	201	298	< 5	< 0.2	2.58	< 5	20	0.5	< 2	0.12	< 0.5	5	36	9	1.81	< 10	< 1	0.02	10	0.21	80
L22S	200W	201	298	< 5	< 0.2	0.54	< 5	10	< 0.5	< 2	0.07	< 0.5	1	18	5	1.47	< 10	< 1	0.02	< 10	0.06	45
L22S	250W	201	298	< 5	< 0.2	1.31	< 5	20	< 0.5	< 2	0.17	< 0.5	4	29	17	1.76	< 10	< 1	0.02	10	0.29	115
L24S	250E	201	298	< 5	0.2	2.90	< 5	10	0.5	< 2	0.11	< 0.5	3	45	14	3.16	< 10	< 1	0.02	< 10	0.14	60
L24S	300E	201	298	< 5	0.2	2.38	< 5	10	0.5	< 2	0.19	< 0.5	5	40	62	2.32	< 10	< 1	0.03	10	0.27	100
L24S	350E	201	298	< 5	< 0.2	1.54	< 5	10	< 0.5	< 2	0.11	< 0.5	2	23	16	1.37	< 10	< 1	0.02	10	0.10	50
L24S	400E	201	298	< 5	< 0.2	0.33	< 5	< 10	< 0.5	< 2	0.04	< 0.5	< 1	7	3	0.13	< 10	< 1	0.01	< 10	0.02	20
L24S	450E	201	298	< 5	0.2	3.91	< 5	20	1.0	< 2	0.10	< 0.5	2	36	12	3.59	< 10	< 1	0.02	< 10	0.15	70
L24S	500E	201	298	< 5	< 0.2	2.00	< 5	10	0.5	< 2	0.14	< 0.5	6	39	21	1.54	< 10	< 1	0.02	10	0.27	95
L24S	550E	201	298	< 5	< 0.2	0.82	< 5	20	< 0.5	< 2	0.10	< 0.5	2	20	8	1.13	< 10	< 1	0.02	10	0.15	60

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-089-"C"
Comments: ATTN: H. TRACANELLI

Page Number :3-B
Total Pages :5
Certificate Date: 18-JUN-91
Invoice No. :19116124
P.O. Number :

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L20S	700E	201	298	< 1	< 0.01	5	160	8	< 5	1	10	0.09	< 10	< 10	28	< 10	18
L20S	750E	201	298	< 1	< 0.01	8	300	6	< 5	1	9	0.09	< 10	< 10	34	< 10	22
L20S	800E	201	298	6	0.01	7	110	40	< 5	3	27	0.30	< 10	< 10	80	< 10	38
L20S	BL0+00	201	298	< 1	0.01	13	430	4	< 5	3	10	0.10	< 10	< 10	34	< 10	42
L20S	0+50W	201	298	< 1	0.01	13	190	8	< 5	2	15	0.12	< 10	< 10	27	< 10	38
L20S	100W	201	298	< 1	< 0.01	3	170	6	< 5	1	12	0.11	< 10	< 10	40	< 10	24
L20S	150W	201	298	< 1	< 0.01	8	170	12	< 5	1	14	0.12	< 10	< 10	42	< 10	32
L20S	200W	201	298	< 1	0.01	11	200	4	< 5	3	16	0.12	< 10	< 10	34	< 10	36
L20S	250W	201	298	< 1	0.01	16	280	4	< 5	3	11	0.11	< 10	< 10	28	< 10	28
L22S	0+50E	201	298	< 1	< 0.01	11	160	8	< 5	3	7	0.10	< 10	< 10	44	< 10	16
L22S	150E	201	298	< 1	< 0.01	10	60	6	< 5	1	8	0.11	< 10	< 10	37	< 10	14
L22S	200E	201	298	< 1	< 0.01	3	90	8	< 5	< 1	6	0.09	< 10	< 10	15	< 10	14
L22S	250E	201	298	< 1	< 0.01	4	100	6	< 5	1	5	0.12	< 10	< 10	65	< 10	16
L22S	300E	201	298	< 1	0.01	18	160	6	< 5	3	9	0.12	< 10	< 10	38	< 10	24
L22S	350E	201	298	< 1	< 0.01	8	90	6	< 5	1	6	0.08	< 10	< 10	38	< 10	14
L22S	400E	201	298	< 1	< 0.01	6	130	4	< 5	1	5	0.10	< 10	< 10	53	< 10	14
L22S	450E	201	298	< 1	< 0.01	3	160	10	< 5	2	7	0.09	< 10	< 10	38	< 10	12
L22S	500E	201	298	< 1	< 0.01	5	200	22	< 5	1	7	0.11	< 10	< 10	54	< 10	30
L22S	550E	201	298	< 1	0.01	13	270	8	< 5	2	11	0.10	< 10	< 10	30	< 10	24
L22S	600E	201	298	< 1	0.01	7	180	8	< 5	2	11	0.13	< 10	< 10	40	< 10	26
L22S	650E	201	298	< 1	0.01	18	270	6	< 5	2	14	0.11	< 10	< 10	31	< 10	24
L22S	700E	201	298	< 1	0.01	17	340	6	< 5	2	14	0.11	< 10	< 10	30	< 10	16
L22S	750E	201	298	< 1	< 0.01	10	360	10	< 5	2	9	0.09	< 10	< 10	31	< 10	48
L22S	800E	201	298	< 1	0.01	14	460	24	< 5	1	12	0.09	< 10	< 10	31	< 10	46
L22S	850E	201	298	< 1	0.01	6	140	16	< 5	1	10	0.12	< 10	< 10	27	< 10	46
L22S	900E	201	298	< 1	< 0.01	10	200	4	< 5	2	9	0.12	< 10	< 10	50	< 10	56
L22S	950E	201	298	< 1	0.01	24	210	16	< 5	2	9	0.14	< 10	< 10	49	< 10	68
L22S	1000E	201	298	< 1	0.01	21	120	8	< 5	5	12	0.12	< 10	< 10	47	< 10	26
L22S	0+50W	201	298	< 1	< 0.01	6	100	4	< 5	1	10	0.08	< 10	< 10	32	< 10	18
L22S	100W	201	298	< 1	< 0.01	1	40	6	< 5	1	9	0.08	< 10	< 10	21	< 10	8
L22S	150W	201	298	< 1	0.01	16	270	2	< 5	3	9	0.10	< 10	< 10	32	< 10	26
L22S	200W	201	298	< 1	< 0.01	2	160	10	< 5	1	7	0.13	< 10	< 10	63	< 10	16
L22S	250W	201	298	< 1	0.01	14	230	8	< 5	2	14	0.12	< 10	< 10	36	< 10	32
L24S	250E	201	298	< 1	0.01	12	240	12	< 5	3	10	0.14	< 10	< 10	57	< 10	20
L24S	300E	201	298	< 1	0.01	15	260	6	< 5	5	13	0.16	< 10	< 10	51	< 10	24
L24S	350E	201	298	< 1	0.01	8	180	4	< 5	2	8	0.10	< 10	< 10	37	< 10	18
L24S	400E	201	298	< 1	< 0.01	< 1	70	4	< 5	< 1	5	0.07	< 10	< 10	7	< 10	10
L24S	450E	201	298	< 1	0.01	6	520	2	< 5	6	6	0.11	< 10	< 10	58	< 10	28
L24S	500E	201	298	< 1	0.01	14	230	8	< 5	3	11	0.11	< 10	< 10	32	< 10	30
L24S	550E	201	298	< 1	< 0.01	6	110	6	< 5	1	10	0.09	< 10	< 10	35	< 10	26

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :I9116124
P.O. Number :

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L24S	600E	201	298	< 5	< 0.2	1.56	< 5	10	< 0.5	< 2	0.08	< 0.5	2	27	7	1.62	< 10	< 1	0.01	< 10	0.14	60
L24S	650E	201	298	< 5	< 0.2	1.25	< 5	20	< 0.5	< 2	0.10	< 0.5	2	19	5	1.30	< 10	< 1	0.01	10	0.10	55
L24S	700E	201	298	< 5	0.2	3.06	< 5	20	0.5	< 2	0.15	< 0.5	7	49	23	2.58	< 10	< 1	0.02	10	0.35	120
L24S	750E	201	298	< 5	0.2	1.49	< 5	30	0.5	< 2	0.73	< 0.5	9	168	16	4.17	< 10	< 1	0.06	< 10	0.54	375
L24S	800E	201	298	< 5	0.2	2.15	< 5	30	0.5	< 2	0.15	< 0.5	5	46	13	2.32	< 10	< 1	0.02	< 10	0.25	185
L24S	850E	201	298	< 5	< 0.2	0.31	< 5	10	< 0.5	< 2	0.11	< 0.5	< 1	10	4	0.27	< 10	< 1	0.02	< 10	0.01	20
L24S	900E	201	298	< 5	< 0.2	1.69	5	30	0.5	2	0.17	< 0.5	6	34	12	1.73	< 10	< 1	0.03	10	0.18	275
L24S	950E	201	298	< 5	< 0.2	0.89	< 5	40	< 0.5	2	0.24	< 0.5	3	22	18	1.94	< 10	< 1	0.06	< 10	0.31	160
L24S	1000E	201	298	< 5	< 0.2	2.05	< 5	60	0.5	< 2	0.15	< 0.5	5	38	9	2.43	< 10	< 1	0.02	10	0.20	115
L24S	1050E	201	298	< 5	< 0.2	0.91	< 5	30	< 0.5	< 2	0.19	< 0.5	2	19	10	0.53	< 10	< 1	0.01	10	0.09	45
L24S	BL0+00	201	298	< 5	< 0.2	2.15	< 5	20	0.5	< 2	0.12	< 0.5	4	35	8	1.96	< 10	< 1	0.02	10	0.16	65
L24S	0+50W	201	298	< 5	< 0.2	2.46	< 5	20	0.5	< 2	0.14	< 0.5	5	38	12	2.02	< 10	< 1	0.02	10	0.23	90
L24S	100W	201	298	< 5	< 0.2	2.34	< 5	40	0.5	< 2	0.18	< 0.5	7	34	6	1.84	< 10	< 1	0.02	10	0.20	85
L24S	150W	201	298	< 5	< 0.2	1.63	< 5	10	< 0.5	< 2	0.09	< 0.5	3	30	9	1.97	< 10	< 1	0.02	< 10	0.14	55
L24S	200W	201	298	< 5	< 0.2	0.70	< 5	10	< 0.5	< 2	0.08	< 0.5	2	16	7	1.10	< 10	< 1	0.01	< 10	0.10	50
L24S	250W	201	298	< 5	< 0.2	1.54	< 5	20	0.5	< 2	0.08	< 0.5	3	24	11	2.30	< 10	< 1	0.01	10	0.12	45
L26S	0+50E	201	298	< 5	< 0.2	2.37	< 5	30	0.5	< 2	0.12	< 0.5	4	32	10	1.21	< 10	< 1	0.01	10	0.16	55
L26S	250E	201	298	< 5	< 0.2	2.86	< 5	20	0.5	< 2	0.10	< 0.5	4	37	14	2.29	< 10	< 1	0.01	10	0.16	55
L26S	300E	201	298	< 5	< 0.2	1.79	< 5	20	< 0.5	< 2	0.22	< 0.5	2	29	14	2.46	< 10	< 1	0.02	< 10	0.16	80
L26S	350E	201	298	< 5	< 0.2	1.96	< 5	20	0.5	< 2	0.10	< 0.5	2	27	15	2.23	< 10	< 1	0.02	10	0.13	55
L26S	400E	201	298	< 5	< 0.2	2.01	< 5	20	< 0.5	< 2	0.15	< 0.5	4	30	130	1.33	< 10	< 1	0.02	10	0.24	85
L26S	450E	201	298	< 5	< 0.2	2.27	< 5	20	< 0.5	< 2	0.27	< 0.5	8	30	97	2.32	< 10	< 1	0.04	10	0.58	175
L26S	500E	201	298	< 5	< 0.2	0.46	< 5	10	< 0.5	< 2	0.08	< 0.5	1	11	9	2.04	< 10	< 1	0.01	< 10	0.06	75
L26S	550E	201	298	< 5	0.2	1.17	5	20	< 0.5	< 2	0.12	< 0.5	2	34	10	3.67	< 10	< 1	0.02	< 10	0.20	105
L26S	600E	201	298	< 5	0.4	3.75	5	20	< 0.5	< 2	0.10	< 0.5	6	47	17	3.70	< 10	< 1	0.01	10	0.22	85
L26S	650E	201	298	< 5	0.4	2.42	5	20	< 0.5	< 2	0.08	< 0.5	5	38	13	2.69	< 10	< 1	0.01	10	0.15	70
L26S	700E	201	298	< 5	< 0.2	1.74	15	10	< 0.5	< 2	0.09	< 0.5	3	31	22	2.20	< 10	< 1	0.01	10	0.19	75
L26S	750E	201	298	< 5	< 0.2	1.81	10	20	< 0.5	< 2	0.09	< 0.5	2	31	8	2.07	< 10	< 1	0.01	< 10	0.14	80
L26S	800E	201	298	< 5	0.2	2.72	< 5	110	< 0.5	< 2	0.11	< 0.5	3	38	9	2.84	< 10	< 1	0.02	10	0.19	85
L26S	850E	201	298	< 5	< 0.2	1.08	< 5	20	< 0.5	< 2	0.14	< 0.5	4	32	9	1.67	< 10	< 1	0.01	10	0.18	200
L26S	900E	201	298	< 5	0.2	1.96	10	20	< 0.5	< 2	0.20	< 0.5	6	36	29	2.37	< 10	< 1	0.03	10	0.33	180
L26S	950E	201	298	< 5	< 0.2	0.91	< 5	20	< 0.5	< 2	0.15	< 0.5	3	24	12	1.46	< 10	< 1	0.02	10	0.19	85
L26S	1000E	201	298	5	< 0.2	0.62	< 5	10	< 0.5	< 2	0.12	< 0.5	1	16	4	0.44	< 10	< 1	< 0.01	< 10	0.08	35
L26S	1050E	201	298	< 5	0.2	0.82	10	10	< 0.5	< 2	0.18	< 0.5	2	23	8	3.74	< 10	< 1	0.01	< 10	0.18	95
L26S	1100E	201	298	< 5	< 0.2	1.32	< 5	30	< 0.5	< 2	0.16	< 0.5	3	34	13	1.70	< 10	< 1	0.02	10	0.23	90
L26S	1150E	201	298	< 5	0.2	1.24	10	10	< 0.5	< 2	0.13	< 0.5	1	45	9	4.72	< 10	< 1	0.01	10	0.15	75
L26S	1200E	201	298	30	< 0.2	1.54	< 5	20	< 0.5	< 2	0.63	< 0.5	9	43	7	1.85	< 10	< 1	0.02	< 10	0.57	270
L26S	BL0+00	201	298	< 5	< 0.2	2.62	< 5	20	< 0.5	< 2	0.12	< 0.5	3	36	9	2.63	< 10	< 1	0.02	< 10	0.17	85
L26S	0+50W	201	298	< 5	< 0.2	3.03	5	20	< 0.5	< 2	0.09	< 0.5	2	40	17	3.12	< 10	< 1	0.02	< 10	0.14	70
L26S	100W	201	298	< 5	< 0.2	1.71	< 5	10	< 0.5	< 2	0.10	< 0.5	3	32	12	1.84	< 10	< 1	0.01	10	0.20	80

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2396
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :19116124
P.O. Number

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L24S	600E	201	298	< 1	< 0.01	9	320	8	< 5	1	6	0.07	< 10	< 10	31	< 10	32
L24S	650E	201	298	< 1	0.01	5	170	6	< 5	2	8	0.08	< 10	< 10	27	< 10	18
L24S	700E	201	298	< 1	0.01	18	420	8	< 5	4	10	0.13	< 10	< 10	42	< 10	32
L24S	750E	201	298	< 1	0.08	14	710	10	< 5	6	15	0.24	< 10	< 10	82	< 10	60
L24S	800E	201	298	1	0.01	14	580	6	< 5	3	10	0.12	< 10	< 10	43	< 10	64
L24S	850E	201	298	< 1	< 0.01	< 1	150	4	< 5	< 1	11	0.04	< 10	< 10	9	< 10	12
L24S	900E	201	298	< 1	0.01	9	300	6	< 5	2	14	0.11	< 10	< 10	33	< 10	68
L24S	950E	201	298	< 1	0.01	17	250	56	< 5	3	14	0.16	< 10	< 10	64	< 10	40
L24S	1000E	201	298	< 1	0.01	16	190	8	< 5	2	14	0.15	< 10	< 10	50	< 10	42
L24S	1050E	201	298	1	0.01	7	120	8	< 5	2	15	0.10	< 10	< 10	17	< 10	12
L24S	BL0+00	201	298	< 1	0.01	14	130	10	< 5	3	12	0.12	< 10	< 10	45	< 10	22
L24S	0+50W	201	298	< 1	0.01	17	250	10	< 5	3	10	0.11	< 10	< 10	35	< 10	24
L24S	100W	201	298	< 1	0.01	20	220	6	< 5	3	17	0.11	< 10	< 10	35	< 10	36
L24S	150W	201	298	< 1	< 0.01	13	200	6	< 5	2	7	0.10	< 10	< 10	40	< 10	20
L24S	200W	201	298	< 1	< 0.01	5	80	4	< 5	1	7	0.07	< 10	< 10	28	< 10	20
L24S	250W	201	298	< 1	< 0.01	7	130	4	< 5	2	6	0.10	< 10	< 10	45	< 10	24
L26S	0+50E	201	298	< 1	0.01	14	170	8	< 5	3	10	0.10	< 10	< 10	41	< 10	24
L26S	250E	201	298	< 1	0.01	13	230	8	< 5	4	9	0.11	< 10	< 10	41	< 10	18
L26S	300E	201	298	< 1	0.01	5	200	10	< 5	3	10	0.20	< 10	< 10	77	< 10	22
L26S	350E	201	298	< 1	0.01	6	170	6	< 5	3	10	0.10	< 10	< 10	45	< 10	20
L26S	400E	201	298	1	0.01	15	270	8	< 5	4	11	0.11	< 10	< 10	41	< 10	26
L26S	450E	201	298	< 1	0.01	16	320	4	< 5	4	15	0.19	< 10	< 10	60	< 10	38
L26S	500E	201	298	< 1	< 0.01	5	130	4	< 5	1	8	0.14	< 10	< 10	92	< 10	18
L26S	550E	201	298	< 1	0.01	8	340	12	< 5	2	8	0.18	< 10	< 10	79	< 10	30
L26S	600E	201	298	< 1	< 0.01	18	510	12	< 5	3	7	0.12	< 10	< 10	49	< 10	32
L26S	650E	201	298	< 1	< 0.01	17	370	10	5	2	7	0.10	< 10	< 10	41	< 10	58
L26S	700E	201	298	< 1	< 0.01	12	310	4	< 5	2	7	0.10	< 10	< 10	46	< 10	36
L26S	750E	201	298	< 1	< 0.01	9	470	8	30	1	6	0.08	< 10	< 10	37	< 10	38
L26S	800E	201	298	< 1	0.01	16	420	10	< 5	2	9	0.12	< 10	< 10	44	< 10	78
L26S	850E	201	298	1	0.01	11	190	10	< 5	2	10	0.11	< 10	< 10	32	< 10	52
L26S	900E	201	298	2	0.01	20	270	298	< 5	3	12	0.12	< 10	< 10	38	< 10	154
L26S	950E	201	298	< 1	0.01	9	160	74	< 5	2	10	0.12	< 10	< 10	33	< 10	30
L26S	1000E	201	298	< 1	0.01	5	50	6	< 5	1	10	0.07	< 10	< 10	13	< 10	10
L26S	1050E	201	298	1	0.01	8	200	24	< 5	2	10	0.30	< 10	< 10	128	< 10	36
L26S	1100E	201	298	< 1	0.01	13	130	8	< 5	2	12	0.12	< 10	< 10	40	< 10	28
L26S	1150E	201	298	2	0.01	9	170	8	< 5	2	10	0.21	< 10	< 10	90	< 10	28
L26S	1200E	201	298	< 1	0.01	22	50	8	< 5	6	32	0.26	< 10	< 10	53	< 10	36
L26S	BL0+00	201	298	< 1	0.01	14	220	4	< 5	2	10	0.14	< 10	< 10	53	< 10	36
L26S	0+50W	201	298	< 1	0.01	13	480	6	< 5	2	7	0.11	< 10	< 10	46	< 10	46
L26S	100W	201	298	< 1	< 0.01	12	150	6	< 5	3	9	0.13	< 10	< 10	43	< 10	26

CERTIFICATION: B. Campbell

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :5-A
Total Pages :5
Certificate Date: 18-JUN-91
Invoice No. :I9116124
P.O. Number :

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L268 150W	201 298	< 5	0.2	2.52	10	20	< 0.5	< 2	0.10	< 0.5	3	47	10	2.46	< 10	< 1	0.02	10	0.19	80
L268 200W	201 298	< 5	0.2	0.88	5	20	< 0.5	< 2	0.40	< 0.5	3	18	14	2.86	10	< 1	0.04	< 10	0.38	180

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-"C"
Comments: ATTN: H. TRACANELLI

Page Number :5-B
Total Pages :5
Certificate Date: 18-JUN-91
Invoice No. :I9116124
P.O. Number

CERTIFICATE OF ANALYSIS A9116124

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L26S 150W	201	298	< 1	0.01	15	320	8	< 5	2	9	0.10	< 10	< 10	41	< 10	44
L26S 200W	201	298	< 1	0.03	6	230	22	< 5	4	6	0.47	< 10	< 10	113	< 10	46

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-H"
Comments: ATTN: H. TRACANELLI

Page Number :1-A
Total Pages :2
Certificate Date: 18-JUN-91
Invoice No. :I9116125
P.O. Number :

Corrected Copy - Au ppb FA+AA

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L0	650W	217	298	< 5	< 0.2	0.33	< 5	100	< 0.5	2	0.11	2.5	1	54	85	0.45	< 10	< 1	0.01	< 10	0.02	75
L0	1100W	217	298	< 5	0.2	0.34	< 5	30	< 0.5	2	0.09	< 0.5	2	27	8	0.68	< 10	< 1	0.01	< 10	0.09	55
L0	1500W	217	298	10	< 0.2	0.88	< 5	40	0.5	2	0.33	2.0	3	10	37	0.14	< 10	< 1	0.01	50	0.05	25
L2N	150W	217	298	< 5	0.2	0.33	5	190	< 0.5	4	0.31	1.0	3	10	47	0.42	< 10	< 1	0.06	< 10	0.05	130
L2N	400W	217	298	< 5	0.2	0.36	< 5	30	< 0.5	< 2	0.09	< 0.5	2	32	6	0.50	< 10	< 1	0.01	10	0.03	40
L2N	600W	217	298	< 5	0.4	0.44	5	260	< 0.5	< 2	0.25	1.0	2	26	33	0.34	< 10	< 1	0.06	10	0.04	85
L2S	100W	217	298	< 5	< 0.2	0.28	10	50	< 0.5	< 2	0.94	1.5	6	13	83	0.45	< 10	< 1	0.06	10	0.07	105
L2S	350W	217	298	< 5	< 0.2	1.11	< 5	30	< 0.5	4	0.23	< 0.5	6	62	8	1.94	< 10	< 1	0.04	10	0.41	145
L2S	900W	217	298	< 5	< 0.2	0.91	< 5	40	< 0.5	< 2	0.22	< 0.5	6	53	25	1.12	< 10	< 1	0.06	10	0.17	85
L2S	1000W	217	298	< 5	0.2	0.69	< 5	80	< 0.5	< 2	0.26	1.0	8	24	49	1.39	< 10	< 1	0.03	10	0.11	100
L2S	1200W	217	298	< 5	0.2	0.16	< 5	110	< 0.5	< 2	0.28	1.0	1	21	5	0.23	< 10	< 1	0.03	< 10	0.03	105
L2S	1300W	217	298	< 5	0.2	0.58	< 5	60	< 0.5	2	0.17	< 0.5	4	39	15	1.13	< 10	< 1	0.03	< 10	0.26	85
L2S	1350W	217	298	< 5	0.4	0.14	10	30	< 0.5	2	0.19	1.0	2	9	48	0.20	< 10	< 1	0.03	< 10	0.02	35
L2S	1400W	217	298	< 5	< 0.2	0.41	5	90	< 0.5	< 2	0.43	1.0	10	11	43	0.39	< 10	< 1	0.06	10	0.04	120
L2S	1450W	217	298	< 5	< 0.2	2.50	5	40	1.0	2	0.14	< 0.5	5	50	57	0.35	< 10	1	0.03	30	0.11	50
L2S	1500W	217	298	< 5	< 0.2	0.15	5	80	< 0.5	< 2	0.31	1.0	1	4	30	0.26	< 10	< 1	0.04	< 10	0.02	115
L4S	900W	217	298	< 5	< 0.2	0.13	5	90	< 0.5	< 2	0.33	1.0	1	6	29	0.21	< 10	< 1	0.04	< 10	0.02	25
L4S	1400W	217	298	< 5	< 0.2	0.03	< 5	40	< 0.5	< 2	0.35	0.5	< 1	7	9	0.04	< 10	< 1	0.21	< 10	0.04	725
L4S	1450W	217	298	< 5	< 0.2	0.04	< 5	20	< 0.5	< 2	0.27	0.5	< 1	3	8	0.05	< 10	< 1	0.15	< 10	0.04	300
L6S	0+50E	217	298	< 5	< 0.2	0.37	5	140	< 0.5	< 2	0.41	1.0	6	14	43	0.81	< 10	< 1	0.04	< 10	0.05	260
L6S	BL0+00	217	298	< 5	< 0.2	0.32	< 5	40	< 0.5	4	0.25	0.5	1	41	14	0.67	< 10	< 1	0.03	< 10	0.06	65
L6S	0+50W	217	298	< 5	< 0.2	0.49	< 5	10	0.5	< 2	0.08	< 0.5	1	48	3	1.30	10	< 1	0.02	< 10	0.05	35
L6S	250W	217	298	< 5	< 0.2	1.04	< 5	20	< 0.5	4	0.37	< 0.5	4	47	16	1.57	< 10	< 1	0.04	< 10	0.34	185
L6S	300W	217	298	< 5	< 0.2	0.22	5	50	< 0.5	< 2	0.11	0.5	1	5	17	0.14	< 10	< 1	0.05	< 10	0.01	30
L6S	350W	217	298	< 5	< 0.2	0.32	10	90	< 0.5	2	0.13	< 0.5	2	80	44	0.82	< 10	< 1	0.04	< 10	0.06	90
L6S	750W	217	298	< 5	< 0.2	1.62	< 5	40	0.5	< 2	0.18	0.5	2	33	48	0.19	< 10	< 1	0.02	50	0.04	20
L6S	800W	217	298	< 5	< 0.2	0.94	< 5	80	0.5	< 2	0.55	0.5	3	11	39	0.21	< 10	< 1	< 0.01	40	0.06	45
L8S	250E	217	298	< 5	< 0.2	0.31	15	50	< 0.5	2	0.19	< 0.5	2	20	97	0.72	< 10	< 1	0.05	< 10	0.06	90
L8S	150W	217	298	< 5	< 0.2	0.57	5	50	< 0.5	< 2	0.13	1.0	4	9	25	0.44	< 10	< 1	0.05	< 10	0.03	45
L8S	200W	217	298	< 5	< 0.2	0.93	10	30	< 0.5	< 2	0.13	0.5	3	12	34	0.44	< 10	1	0.02	10	0.03	30
L10S	100W	217	298	< 5	< 0.2	0.71	< 5	30	< 0.5	2	0.04	< 0.5	4	29	13	1.24	< 10	< 1	0.02	< 10	0.17	90
L10S	750W	217	298	< 5	< 0.2	0.49	5	30	< 0.5	< 2	0.06	0.5	4	27	18	0.54	< 10	< 1	0.03	< 10	0.09	115
L12S	400W	217	298	< 5	< 0.2	0.70	5	70	0.5	2	0.28	0.5	3	13	36	0.38	< 10	< 1	0.03	10	0.05	30
L12S	800W	217	298	< 5	< 0.2	0.12	10	100	< 0.5	2	0.36	0.5	1	13	85	0.24	< 10	1	0.07	< 10	0.02	65
L12S	850W	217	298	< 5	< 0.2	0.20	5	40	< 0.5	< 2	0.21	1.0	4	13	39	0.36	< 10	< 1	0.05	< 10	0.04	30
L12S	1450W	217	298	< 5	< 0.2	0.52	10	70	< 0.5	2	0.26	0.5	4	11	31	0.32	< 10	< 1	0.07	< 10	0.04	80
L14S	350E	217	298	< 5	< 0.2	0.65	5	30	< 0.5	< 2	0.12	< 0.5	3	28	47	0.63	< 10	< 1	0.02	10	0.04	30
L14S	500E	217	298	< 5	0.2	0.70	5	40	< 0.5	6	0.14	< 0.5	4	23	47	1.38	< 10	< 1	0.03	10	0.04	30
L14S	600W	217	298	< 5	< 0.2	0.75	< 5	100	0.5	< 2	0.32	1.0	4	9	20	0.31	< 10	< 1	0.01	20	0.02	10
L14S	1300W	217	298	< 5	0.2	0.47	5	70	< 0.5	4	0.33	1.5	4	12	34	0.44	< 10	< 1	0.04	< 10	0.04	35

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-H"
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :I9116125
P.O. Number

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L0	650W	217	298	< 1	0.01	46	790	56	< 5	< 1	15	< 0.01	< 10	< 10	5	< 10	82
L0	1100W	217	298	< 1	0.01	9	150	8	< 5	< 1	8	0.05	< 10	< 10	20	< 10	52
L0	1500W	217	298	1	0.01	20	1430	28	< 5	1	25	< 0.01	< 10	< 10	5	< 10	106
L2N	150W	217	298	< 1	0.01	64	780	66	< 5	< 1	27	0.01	< 10	< 10	6	< 10	152
L2N	400W	217	298	< 1	0.01	8	170	10	< 5	< 1	10	0.05	< 10	< 10	18	< 10	24
L2N	600W	217	298	< 1	0.01	32	690	36	< 5	< 1	30	0.01	< 10	< 10	6	< 10	108
L2S	100W	217	298	1	< 0.01	75	690	68	< 5	1	36	< 0.01	< 10	< 10	7	< 10	112
L2S	350W	217	298	< 1	0.01	19	230	10	< 5	2	18	0.10	< 10	< 10	40	< 10	36
L2S	900W	217	298	1	0.01	36	760	34	< 5	1	15	0.05	< 10	< 10	26	< 10	86
L2S	1000W	217	298	1	0.01	41	680	40	< 5	1	23	0.04	< 10	< 10	27	< 10	76
L2S	1200W	217	298	< 1	< 0.01	12	210	8	< 5	< 1	24	0.02	< 10	< 10	7	< 10	52
L2S	1300W	217	298	< 1	0.01	21	240	10	< 5	1	14	0.06	< 10	< 10	27	< 10	42
L2S	1350W	217	298	< 1	0.01	57	360	62	< 5	< 1	13	< 0.01	< 10	< 10	2	< 10	150
L2S	1400W	217	298	< 1	< 0.01	57	720	42	< 5	1	37	< 0.01	< 10	< 10	2	< 10	98
L2S	1450W	217	298	< 1	< 0.01	15	820	8	< 5	2	12	0.03	10	< 10	9	< 10	44
L2S	1500W	217	298	< 1	< 0.01	38	530	44	< 5	< 1	18	< 0.01	< 10	< 10	4	< 10	78
L4S	900W	217	298	< 1	< 0.01	32	490	28	< 5	< 1	17	< 0.01	< 10	< 10	4	< 10	68
L4S	1400W	217	298	< 1	0.01	11	500	10	< 5	< 1	11	< 0.01	10	< 10	< 1	< 10	132
L4S	1450W	217	298	< 1	0.03	11	300	10	< 5	< 1	7	< 0.01	< 10	< 10	< 1	< 10	156
L6S	0+50E	217	298	2	0.01	48	1060	82	< 5	< 1	19	0.01	< 10	< 10	9	< 10	188
L6S	BL0+00	217	298	49	0.01	15	320	22	< 5	1	11	0.05	< 10	< 10	19	< 10	40
L6S	0+50W	217	298	1	0.01	5	110	6	< 5	< 1	6	0.09	< 10	< 10	54	< 10	16
L6S	250W	217	298	< 1	0.02	13	240	32	< 5	2	7	0.12	< 10	< 10	41	< 10	40
L6S	300W	217	298	< 1	< 0.01	21	480	20	< 5	< 1	17	< 0.01	< 10	< 10	1	< 10	60
L6S	350W	217	298	< 1	0.01	34	330	36	< 5	< 1	12	0.05	< 10	< 10	26	< 10	50
L6S	750W	217	298	< 1	< 0.01	8	990	8	< 5	1	14	0.02	< 10	< 10	9	< 10	18
L6S	800W	217	298	1	< 0.01	9	990	4	< 5	2	37	0.01	< 10	< 10	7	< 10	32
L8S	250E	217	298	< 1	0.01	58	760	60	< 5	< 1	8	0.04	< 10	< 10	18	< 10	64
L8S	150W	217	298	< 1	< 0.01	28	660	46	< 5	< 1	13	< 0.01	< 10	< 10	3	< 10	74
L8S	200W	217	298	< 1	< 0.01	22	650	36	< 5	1	10	< 0.01	< 10	< 10	4	< 10	68
L10S	100W	217	298	1	< 0.01	13	280	16	< 5	< 1	4	0.06	< 10	< 10	35	< 10	40
L10S	750W	217	298	< 1	0.01	17	340	24	< 5	< 1	7	0.02	< 10	< 10	11	< 10	36
L12S	400W	217	298	< 1	0.01	31	1000	48	< 5	1	32	0.01	10	< 10	5	< 10	60
L12S	800W	217	298	< 1	< 0.01	56	530	56	< 5	< 1	17	< 0.01	10	< 10	4	< 10	94
L12S	850W	217	298	< 1	0.01	35	810	46	< 5	< 1	19	< 0.01	< 10	< 10	4	< 10	96
L12S	1450W	217	298	< 1	0.02	49	920	52	< 5	< 1	24	< 0.01	< 10	< 10	3	< 10	94
L14S	350E	217	298	1	0.01	28	790	34	< 5	< 1	10	0.02	< 10	< 10	12	< 10	50
L14S	500E	217	298	< 1	0.01	34	810	46	< 5	< 1	12	0.01	< 10	< 10	15	< 10	58
L14S	600W	217	298	< 1	0.01	12	910	14	< 5	1	31	< 0.01	< 10	< 10	5	< 10	62
L14S	1300W	217	298	< 1	0.01	28	1030	34	< 5	< 1	25	< 0.01	< 10	< 10	10	< 10	98

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-H"
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :I9116125
P.O. Number

Corrected Copy - Au ppb FA+AA

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L14S	1350W	217	298	< 5	< 0.2	0.67	5	40	0.5	< 2	0.21	< 0.5	2	24	21	0.57	< 10	< 1	0.02	< 10	0.04	35
L16S	700E	217	298	< 5	< 0.2	0.39	< 5	50	< 0.5	2	0.11	< 0.5	3	18	22	0.90	< 10	< 1	0.04	< 10	0.12	90
L16E	BL0+00	217	298	< 5	< 0.2	0.66	5	50	< 0.5	< 2	0.24	< 0.5	3	12	27	0.66	< 10	< 1	0.02	< 10	0.04	35
L18S	200E	217	298	< 5	< 0.2	0.31	< 5	30	< 0.5	< 2	0.12	< 0.5	1	16	29	0.79	< 10	< 1	0.02	< 10	0.05	35
L20S	150E	217	298	< 5	< 0.2	0.49	< 5	40	< 0.5	< 2	0.22	2.0	3	8	40	0.18	< 10	< 1	0.02	< 10	0.03	35
L20S	850E	217	298	< 5	< 0.2	0.34	< 5	140	0.5	< 2	0.40	0.5	8	5	24	0.29	< 10	< 1	0.04	< 10	0.04	70
L22S	BL0+00	217	298	< 5	< 0.2	0.66	< 5	30	< 0.5	< 2	0.19	< 0.5	1	12	42	0.20	< 10	< 1	< 0.01	10	0.02	5
L22S	100E	217	298	< 5	< 0.2	0.74	< 5	20	< 0.5	2	0.04	0.5	1	29	43	0.32	< 10	< 1	0.02	10	0.01	10
L24S	0+50E	217	298	< 5	< 0.2	0.31	< 5	50	< 0.5	< 2	0.30	< 0.5	2	7	18	0.22	< 10	< 1	0.01	< 10	0.04	30
L24S	100E	217	298	< 5	< 0.2	0.34	< 5	40	< 0.5	< 2	0.20	< 0.5	< 1	6	14	0.15	< 10	< 1	< 0.01	< 10	0.03	10
L24S	150E	217	298	< 5	< 0.2	0.63	< 5	30	< 0.5	< 2	0.23	< 0.5	1	6	27	0.18	< 10	< 1	< 0.01	10	0.03	5
L24S	200E	217	298	< 5	< 0.2	1.77	< 5	40	< 0.5	< 2	0.19	< 0.5	2	25	70	0.38	< 10	< 1	0.01	90	0.02	< 5
L26S	100E	217	298	< 5	< 0.2	0.38	< 5	40	< 0.5	< 2	0.26	0.5	1	8	16	0.09	< 10	< 1	< 0.01	< 10	0.04	15
L26S	150E	217	298	< 5	0.2	0.51	< 5	40	< 0.5	2	0.10	0.5	1	16	42	0.40	< 10	< 1	0.03	< 10	0.03	25
L26S	200E	217	298	< 5	< 0.2	0.86	5	30	< 0.5	2	0.08	< 0.5	2	36	17	1.24	< 10	< 1	0.02	10	0.08	35

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-H*
Comments: ATTN: H. TRACANELLI

Page Number :2-B
Total Pages :2
Certificate Date: 18-JUN-91
Invoice No. :I9116125
P.O. Number

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L14S 1350W	217	298	< 1	0.01	14	540	26	< 5	< 1	18	0.03	< 10	< 10	17	< 10	50
L16S 700E	217	298	< 1	0.01	14	230	20	< 5	1	8	0.06	< 10	< 10	22	< 10	42
L16E BL0+00	217	298	< 1	< 0.01	25	790	44	< 5	< 1	19	< 0.01	< 10	< 10	8	< 10	90
L18S 200E	217	298	< 1	0.01	11	210	16	< 5	1	5	0.08	< 10	< 10	48	< 10	28
L20S 150E	217	298	< 1	0.01	28	450	38	< 5	< 1	19	< 0.01	< 10	< 10	4	< 10	134
L20S 850E	217	298	< 1	0.01	43	440	22	< 5	< 1	34	< 0.01	< 10	< 10	1	< 10	80
L22S BL0+00	217	298	< 1	< 0.01	7	590	4	< 5	1	12	0.01	< 10	< 10	10	< 10	12
L22S 100E	217	298	< 1	0.01	14	830	22	< 5	< 1	4	< 0.01	< 10	10	7	< 10	36
L24S 0+50E	217	298	< 1	0.01	12	430	12	< 5	1	19	< 0.01	10	< 10	3	< 10	46
L24S 100E	217	298	< 1	< 0.01	4	380	4	< 5	< 1	14	< 0.01	< 10	< 10	5	< 10	28
L24S 150E	217	298	< 1	< 0.01	5	430	2	< 5	4	15	0.01	< 10	< 10	12	< 10	24
L24S 200E	217	298	< 1	< 0.01	14	1090	8	< 5	1	16	0.01	30	< 10	25	10	10
L26S 100E	217	298	< 1	< 0.01	4	340	< 2	< 5	1	17	< 0.01	< 10	< 10	5	10	36
L26S 150E	217	298	1	0.01	13	500	20	< 5	< 1	4	0.03	10	< 10	37	< 10	30
L26S 200E	217	298	< 1	0.01	11	280	10	< 5	1	9	0.05	< 10	< 10	17	< 10	22

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-H*
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :I9116125
P.O. Number :

Corrected Copy - Au ppb FA+AA

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L0	650W	217	298	< 5	< 0.2	0.33	< 5	100	< 0.5	2	0.11	2.5	1	54	85	0.45	< 10	< 1	0.01	< 10	0.02	75
L0	1100W	217	298	< 5	0.2	0.34	< 5	30	< 0.5	2	0.09	< 0.5	2	27	8	0.68	< 10	< 1	0.01	< 10	0.09	55
L0	1500W	217	298	10	< 0.2	0.88	< 5	40	0.5	2	0.33	2.0	3	10	37	0.14	< 10	< 1	0.01	50	0.05	25
L2N	150W	217	298	< 5	0.2	0.33	5	190	< 0.5	4	0.31	1.0	3	10	47	0.42	< 10	< 1	0.06	< 10	0.05	130
L2N	400W	217	298	< 5	0.2	0.36	< 5	30	< 0.5	< 2	0.09	< 0.5	2	32	6	0.50	< 10	< 1	0.01	10	0.03	40
L2N	600W	217	298	< 5	0.4	0.44	5	260	< 0.5	< 2	0.25	1.0	2	26	33	0.34	< 10	< 1	0.06	10	0.04	85
L2S	100W	217	298	< 5	< 0.2	0.28	10	50	< 0.5	< 2	0.94	1.5	6	13	83	0.45	< 10	< 1	0.06	10	0.07	105
L2S	350W	217	298	< 5	< 0.2	1.11	< 5	30	< 0.5	4	0.23	< 0.5	6	62	8	1.94	< 10	< 1	0.04	10	0.41	145
L2S	900W	217	298	< 5	< 0.2	0.91	< 5	40	< 0.5	< 2	0.22	< 0.5	6	53	25	1.12	< 10	< 1	0.06	10	0.17	85
L2S	1000W	217	298	< 5	0.2	0.69	< 5	80	< 0.5	< 2	0.26	1.0	8	24	49	1.39	< 10	< 1	0.03	10	0.11	100
L2S	1200W	217	298	< 5	0.2	0.16	< 5	110	< 0.5	< 2	0.28	1.0	1	21	5	0.23	< 10	< 1	0.03	< 10	0.03	105
L2S	1300W	217	298	< 5	0.2	0.58	< 5	60	< 0.5	2	0.17	< 0.5	4	39	15	1.13	< 10	< 1	0.03	< 10	0.26	85
L2S	1350W	217	298	< 5	0.4	0.14	10	30	< 0.5	2	0.19	1.0	2	9	48	0.20	< 10	< 1	0.03	< 10	0.02	35
L2S	1400W	217	298	< 5	< 0.2	0.41	5	90	< 0.5	< 2	0.43	1.0	10	11	43	0.39	< 10	< 1	0.06	10	0.04	120
L2S	1450W	217	298	< 5	< 0.2	2.50	5	40	1.0	2	0.14	< 0.5	5	50	57	0.35	< 10	1	0.03	30	0.11	50
L2S	1500W	217	298	< 5	< 0.2	0.15	5	80	< 0.5	< 2	0.31	1.0	1	4	30	0.26	< 10	< 1	0.04	< 10	0.02	115
L4S	900W	217	298	< 5	< 0.2	0.13	5	90	< 0.5	< 2	0.33	1.0	1	6	29	0.21	< 10	< 1	0.04	< 10	0.02	25
L4S	1400W	217	298	< 5	< 0.2	0.03	< 5	40	< 0.5	< 2	0.35	0.5	< 1	7	9	0.04	< 10	< 1	0.21	< 10	0.04	725
L4S	1450W	217	298	< 5	< 0.2	0.04	< 5	20	< 0.5	< 2	0.27	0.5	< 1	3	8	0.05	< 10	< 1	0.15	< 10	0.04	300
L6S	0+50E	217	298	< 5	< 0.2	0.37	5	140	< 0.5	< 2	0.41	1.0	6	14	43	0.81	< 10	< 1	0.04	< 10	0.05	260
L6S	BL0+00	217	298	< 5	< 0.2	0.32	< 5	40	< 0.5	4	0.25	0.5	1	41	14	0.67	< 10	< 1	0.03	< 10	0.06	65
L6S	0+50W	217	298	< 5	< 0.2	0.49	< 5	10	0.5	< 2	0.08	< 0.5	1	48	3	1.30	10	< 1	0.02	< 10	0.05	35
L6S	250W	217	298	< 5	< 0.2	1.04	< 5	20	< 0.5	4	0.37	< 0.5	4	47	16	1.57	< 10	< 1	0.04	< 10	0.34	185
L6S	300W	217	298	< 5	< 0.2	0.22	5	50	< 0.5	< 2	0.11	0.5	1	5	17	0.14	< 10	< 1	0.05	< 10	0.01	30
L6S	350W	217	298	< 5	< 0.2	0.32	10	90	< 0.5	2	0.13	< 0.5	2	80	44	0.82	< 10	< 1	0.04	< 10	0.06	90
L6S	750W	217	298	< 5	< 0.2	1.62	< 5	40	0.5	< 2	0.18	0.5	2	33	48	0.19	< 10	< 1	0.02	50	0.04	20
L6S	800W	217	298	< 5	< 0.2	0.94	< 5	80	0.5	< 2	0.55	0.5	3	11	39	0.21	< 10	< 1	< 0.01	40	0.06	45
L8S	250E	217	298	< 5	< 0.2	0.31	15	50	< 0.5	2	0.19	< 0.5	2	20	97	0.72	< 10	< 1	0.05	< 10	0.06	90
L8S	150W	217	298	< 5	< 0.2	0.57	5	50	< 0.5	< 2	0.13	1.0	4	9	25	0.44	< 10	< 1	0.05	< 10	0.03	45
L8S	200W	217	298	< 5	< 0.2	0.93	10	30	< 0.5	< 2	0.13	0.5	3	12	34	0.44	< 10	1	0.02	10	0.03	30
L10S	100W	217	298	< 5	< 0.2	0.71	< 5	30	< 0.5	2	0.04	< 0.5	4	29	13	1.24	< 10	< 1	0.02	< 10	0.17	90
L10S	750W	217	298	< 5	< 0.2	0.49	5	30	< 0.5	< 2	0.06	0.5	4	27	18	0.54	< 10	< 1	0.03	< 10	0.09	115
L12S	400W	217	298	< 5	< 0.2	0.70	5	70	0.5	2	0.28	0.5	3	13	36	0.38	< 10	< 1	0.03	10	0.05	30
L12S	800W	217	298	< 5	< 0.2	0.12	10	100	< 0.5	2	0.36	0.5	1	13	85	0.24	< 10	1	0.07	< 10	0.02	65
L12S	850W	217	298	< 5	< 0.2	0.20	5	40	< 0.5	< 2	0.21	1.0	4	13	39	0.36	< 10	< 1	0.05	< 10	0.04	30
L12S	1450W	217	298	< 5	< 0.2	0.52	10	70	< 0.5	2	0.26	0.5	4	11	31	0.32	< 10	< 1	0.07	< 10	0.04	80
L14S	350E	217	298	< 5	< 0.2	0.65	5	30	< 0.5	< 2	0.12	< 0.5	3	28	47	0.63	< 10	< 1	0.02	10	0.04	30
L14S	500E	217	298	< 5	0.2	0.70	5	40	< 0.5	6	0.14	< 0.5	4	23	47	1.38	< 10	< 1	0.03	10	0.04	30
L14S	600W	217	298	< 5	< 0.2	0.75	< 5	100	0.5	< 2	0.32	1.0	4	9	20	0.31	< 10	< 1	0.01	20	0.02	10
L14S	1300W	217	298	< 5	0.2	0.47	5	70	< 0.5	4	0.33	1.5	4	12	34	0.44	< 10	< 1	0.04	< 10	0.04	35

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-H"
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :19116125
P.O. Number

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L0 650W	217	298	< 1	0.01	46	790	56	< 5	< 1	15	< 0.01	< 10	< 10	5	< 10	82
L0 1100W	217	298	< 1	0.01	9	150	8	< 5	< 1	8	0.05	< 10	< 10	20	< 10	52
L0 1500W	217	298	1	0.01	20	1430	28	< 5	1	25	< 0.01	< 10	< 10	5	< 10	106
L2N 150W	217	298	< 1	0.01	64	780	66	< 5	< 1	27	0.01	< 10	< 10	6	< 10	152
L2N 400W	217	298	< 1	0.01	8	170	10	< 5	< 1	10	0.05	< 10	< 10	18	< 10	24
L2N 600W	217	298	< 1	0.01	32	690	36	< 5	< 1	30	0.01	< 10	< 10	6	< 10	108
L2S 100W	217	298	1	< 0.01	75	690	68	< 5	1	36	< 0.01	< 10	< 10	7	< 10	112
L2S 350W	217	298	< 1	0.01	19	230	10	< 5	2	18	0.10	< 10	< 10	40	< 10	36
L2S 900W	217	298	1	0.01	36	760	34	< 5	1	15	0.05	< 10	< 10	26	< 10	86
L2S 1000W	217	298	1	0.01	41	680	40	< 5	1	23	0.04	< 10	< 10	27	< 10	76
L2S 1200W	217	298	< 1	< 0.01	12	210	8	< 5	< 1	24	0.02	< 10	< 10	7	< 10	52
L2S 1300W	217	298	< 1	0.01	21	240	10	< 5	1	14	0.06	< 10	< 10	27	< 10	42
L2S 1350W	217	298	< 1	0.01	57	360	62	< 5	< 1	13	< 0.01	< 10	< 10	2	< 10	150
L2S 1400W	217	298	< 1	< 0.01	57	720	42	< 5	1	37	< 0.01	< 10	< 10	2	< 10	98
L2S 1450W	217	298	< 1	< 0.01	15	820	8	< 5	2	12	0.03	10	< 10	9	< 10	44
L2S 1500W	217	298	< 1	< 0.01	38	530	44	< 5	< 1	18	< 0.01	< 10	< 10	4	< 10	78
L4S 900W	217	298	< 1	< 0.01	32	490	28	< 5	< 1	17	< 0.01	< 10	< 10	4	< 10	68
L4S 1400W	217	298	< 1	0.01	11	500	10	< 5	< 1	11	< 0.01	10	< 10	< 1	< 10	132
L4S 1450W	217	298	< 1	0.03	11	300	10	< 5	< 1	7	< 0.01	< 10	< 10	< 1	< 10	156
L6S 0+50E	217	298	2	0.01	48	1060	82	< 5	< 1	19	0.01	< 10	< 10	9	< 10	188
L6S BL0+00	217	298	49	0.01	15	320	22	< 5	1	11	0.05	< 10	< 10	19	< 10	40
L6S 0+50W	217	298	1	0.01	5	110	6	< 5	< 1	6	0.09	< 10	< 10	54	< 10	16
L6S 250W	217	298	< 1	0.02	13	240	32	< 5	2	7	0.12	< 10	< 10	41	< 10	40
L6S 300W	217	298	< 1	< 0.01	21	480	20	< 5	< 1	17	< 0.01	< 10	< 10	1	< 10	60
L6S 350W	217	298	< 1	0.01	34	330	36	< 5	< 1	12	0.05	< 10	< 10	26	< 10	50
L6S 750W	217	298	< 1	< 0.01	8	990	8	< 5	1	14	0.02	< 10	< 10	9	< 10	18
L6S 800W	217	298	1	< 0.01	9	990	4	< 5	2	37	0.01	< 10	< 10	7	< 10	32
L8S 250E	217	298	< 1	0.01	58	760	60	< 5	< 1	8	0.04	< 10	< 10	18	< 10	64
L8S 150W	217	298	< 1	< 0.01	28	660	46	< 5	< 1	13	< 0.01	< 10	< 10	3	< 10	74
L8S 200W	217	298	< 1	< 0.01	22	650	36	< 5	1	10	< 0.01	< 10	< 10	4	< 10	68
L10S 100W	217	298	1	< 0.01	13	280	16	< 5	< 1	4	0.06	< 10	< 10	35	< 10	40
L10S 750W	217	298	< 1	0.01	17	340	24	< 5	< 1	7	0.02	< 10	< 10	11	< 10	36
L12S 400W	217	298	< 1	0.01	31	1000	48	< 5	1	32	0.01	10	< 10	5	< 10	60
L12S 800W	217	298	< 1	< 0.01	56	530	56	< 5	< 1	17	< 0.01	10	< 10	4	< 10	94
L12S 850W	217	298	< 1	0.01	35	810	46	< 5	< 1	19	< 0.01	< 10	< 10	4	< 10	96
L12S 1450W	217	298	< 1	0.02	49	920	52	< 5	< 1	24	< 0.01	< 10	< 10	3	< 10	94
L14S 350E	217	298	1	0.01	28	790	34	< 5	< 1	10	0.02	< 10	< 10	12	< 10	50
L14S 500E	217	298	< 1	0.01	34	810	46	< 5	< 1	12	0.01	< 10	< 10	15	< 10	58
L14S 600W	217	298	< 1	0.01	12	910	14	< 5	1	31	< 0.01	< 10	< 10	5	< 10	62
L14S 1300W	217	298	< 1	0.01	28	1030	34	< 5	< 1	25	< 0.01	< 10	< 10	10	< 10	98

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-H*
Comments: ATTN: H. TRACANELLI

Page Number :2-A
Total Pages :2
Certificate Date: 18-JUN-91
Invoice No. :I9116125
P.O. Number :

Corrected Copy - Au ppb FA+AA

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L14S 1350W	217	298	< 5	< 0.2	0.67	5	40	0.5	< 2	0.21	< 0.5	2	24	21	0.57	< 10	< 1	0.02	< 10	0.04	35
L16S 700E	217	298	< 5	< 0.2	0.39	< 5	50	< 0.5	2	0.11	< 0.5	3	18	22	0.90	< 10	< 1	0.04	< 10	0.12	90
L16E BL0+00	217	298	< 5	< 0.2	0.66	5	50	< 0.5	< 2	0.24	< 0.5	3	12	27	0.66	< 10	< 1	0.02	< 10	0.04	35
L18S 200E	217	298	< 5	< 0.2	0.31	< 5	30	< 0.5	< 2	0.12	< 0.5	1	16	29	0.79	< 10	< 1	0.02	< 10	0.05	35
L20S 150E	217	298	< 5	< 0.2	0.49	< 5	40	< 0.5	< 2	0.22	2.0	3	8	40	0.18	< 10	< 1	0.02	< 10	0.03	35
L20S 850E	217	298	< 5	< 0.2	0.34	< 5	140	0.5	< 2	0.40	0.5	8	5	24	0.29	< 10	< 1	0.04	< 10	0.04	70
L22S BL0+00	217	298	< 5	< 0.2	0.66	< 5	30	< 0.5	< 2	0.19	< 0.5	1	12	42	0.20	< 10	< 1	< 0.01	10	0.02	5
L22S 100E	217	298	< 5	< 0.2	0.74	< 5	20	< 0.5	2	0.04	0.5	1	29	43	0.32	< 10	< 1	0.02	10	0.01	10
L24S 0+50E	217	298	< 5	< 0.2	0.31	< 5	50	< 0.5	< 2	0.30	< 0.5	2	7	18	0.22	< 10	< 1	0.01	< 10	0.04	30
L24S 100E	217	298	< 5	< 0.2	0.34	< 5	40	< 0.5	< 2	0.20	< 0.5	< 1	6	14	0.15	< 10	< 1	< 0.01	< 10	0.03	10
L24S 150E	217	298	< 5	< 0.2	0.63	< 5	30	< 0.5	< 2	0.23	< 0.5	1	6	27	0.18	< 10	< 1	< 0.01	10	0.03	5
L24S 200E	217	298	< 5	< 0.2	1.77	< 5	40	< 0.5	< 2	0.19	< 0.5	2	25	70	0.38	< 10	< 1	0.01	90	0.02	< 5
L26S 100E	217	298	< 5	< 0.2	0.38	< 5	40	< 0.5	< 2	0.26	0.5	1	8	16	0.09	< 10	< 1	< 0.01	< 10	0.04	15
L26S 150E	217	298	< 5	0.2	0.51	< 5	40	< 0.5	2	0.10	0.5	1	16	42	0.40	< 10	< 1	0.03	< 10	0.03	25
L26S 200E	217	298	< 5	< 0.2	0.86	5	30	< 0.5	2	0.08	< 0.5	2	36	17	1.24	< 10	< 1	0.02	10	0.08	35

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-H*
Comments: ATTN: H. TRACANELLI

Page Number :2-B
Total Pages :2
Certificate Date: 18-JUN-91
Invoice No. :19116125
P.O. Number

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L14S 1350W	217	298	< 1	0.01	14	540	26	< 5	< 1	18	0.03	< 10	< 10	17	< 10	50
L16S 700E	217	298	< 1	0.01	14	230	20	< 5	1	8	0.06	< 10	< 10	22	< 10	42
L16E BL0+00	217	298	< 1	< 0.01	25	790	44	< 5	< 1	19	< 0.01	< 10	< 10	8	< 10	90
L18S 200E	217	298	< 1	0.01	11	210	16	< 5	1	5	0.08	< 10	< 10	48	< 10	28
L20S 150E	217	298	< 1	0.01	28	450	38	< 5	< 1	19	< 0.01	< 10	< 10	4	< 10	134
L20S 850E	217	298	< 1	0.01	43	440	22	< 5	< 1	34	< 0.01	< 10	< 10	1	< 10	80
L22S BL0+00	217	298	< 1	< 0.01	7	590	4	< 5	1	12	0.01	< 10	< 10	10	< 10	12
L22S 100E	217	298	< 1	0.01	14	830	22	< 5	< 1	4	< 0.01	< 10	10	7	< 10	36
L24S 0+50E	217	298	< 1	0.01	12	430	12	< 5	1	19	< 0.01	10	< 10	3	< 10	46
L24S 100E	217	298	< 1	< 0.01	4	380	4	< 5	< 1	14	< 0.01	< 10	< 10	5	< 10	28
L24S 150E	217	298	< 1	< 0.01	5	430	2	< 5	4	15	0.01	< 10	< 10	12	< 10	24
L24S 200E	217	298	< 1	< 0.01	14	1090	8	< 5	1	16	0.01	30	< 10	25	10	10
L26S 100E	217	298	< 1	< 0.01	4	340	< 2	< 5	1	17	< 0.01	< 10	< 10	5	10	36
L26S 150E	217	298	1	0.01	13	500	20	< 5	< 1	4	0.03	10	< 10	37	< 10	30
L26S 200E	217	298	< 1	0.01	11	280	10	< 5	1	9	0.05	< 10	< 10	17	< 10	22

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-H
Comments: ATTN: H. TRACANELLI

Page Number :1-A
Total Pages :2
Certificate Date: 18-JUN-91
Invoice No. :I9116125
P.O. Number

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L0	650W	217	298	55	< 0.2	0.33	< 5	100	< 0.5	2	0.11	2.5	1	54	85	0.45	< 10	< 1	0.01	< 10	0.02	75
L0	1100W	217	298	10	0.2	0.34	< 5	30	< 0.5	2	0.09	< 0.5	2	27	8	0.68	< 10	< 1	0.01	< 10	0.09	55
L0	1500W	217	298	40	< 0.2	0.88	< 5	40	0.5	2	0.33	2.0	3	10	37	0.14	< 10	< 1	0.01	50	0.05	25
L2N	150W	217	298	< 5	0.2	0.33	5	190	< 0.5	4	0.31	1.0	3	10	47	0.42	< 10	< 1	0.06	< 10	0.05	130
L2N	400W	217	298	< 5	0.2	0.36	< 5	30	< 0.5	< 2	0.09	< 0.5	2	32	6	0.50	< 10	< 1	0.01	10	0.03	40
L2N	600W	217	298	< 5	0.4	0.44	5	260	< 0.5	< 2	0.25	1.0	2	26	33	0.34	< 10	< 1	0.06	10	0.04	85
L2S	100W	217	298	25	< 0.2	0.28	10	50	< 0.5	< 2	0.94	1.5	6	13	83	0.45	< 10	< 1	0.06	10	0.07	105
L2S	350W	217	298	35	< 0.2	1.11	< 5	30	< 0.5	4	0.23	< 0.5	6	62	8	1.94	< 10	< 1	0.04	10	0.41	145
L2S	900W	217	298	20	< 0.2	0.91	< 5	40	< 0.5	< 2	0.22	< 0.5	6	53	25	1.12	< 10	< 1	0.06	10	0.17	85
L2S	1000W	217	298	10	0.2	0.69	< 5	80	< 0.5	< 2	0.26	1.0	8	24	49	1.39	< 10	< 1	0.03	10	0.11	100
L2S	1200W	217	298	5	0.2	0.16	< 5	110	< 0.5	< 2	0.28	1.0	1	21	5	0.23	< 10	< 1	0.03	< 10	0.03	105
L2S	1300W	217	298	15	0.2	0.58	< 5	60	< 0.5	2	0.17	< 0.5	4	39	15	1.13	< 10	< 1	0.03	< 10	0.26	85
L2S	1350W	217	298	20	0.4	0.14	10	30	< 0.5	2	0.19	1.0	2	9	48	0.20	< 10	< 1	0.03	< 10	0.02	35
L2S	1400W	217	298	< 5	< 0.2	0.41	5	90	< 0.5	< 2	0.43	1.0	10	11	43	0.39	< 10	< 1	0.06	10	0.04	120
L2S	1450W	217	298	40	< 0.2	2.50	5	40	1.0	2	0.14	< 0.5	5	50	57	0.35	< 10	1	0.03	30	0.11	50
L2S	1500W	217	298	10	< 0.2	0.15	5	80	< 0.5	< 2	0.31	1.0	1	4	30	0.26	< 10	< 1	0.04	< 10	0.02	115
L4S	900W	217	298	5	< 0.2	0.13	5	90	< 0.5	< 2	0.33	1.0	1	6	29	0.21	< 10	< 1	0.04	< 10	0.02	25
L4S	1400W	217	298	10	< 0.2	0.03	< 5	40	< 0.5	< 2	0.35	0.5	< 1	7	9	0.04	< 10	< 1	0.21	< 10	0.04	725
L4S	1450W	217	298	10	< 0.2	0.04	< 5	20	< 0.5	< 2	0.27	0.5	< 1	3	8	0.05	< 10	< 1	0.15	< 10	0.04	300
L6S	0+50E	217	298	5	< 0.2	0.37	5	140	< 0.5	< 2	0.41	1.0	6	14	43	0.81	< 10	< 1	0.04	< 10	0.05	260
L6S	BL0+00	217	298	< 5	< 0.2	0.32	< 5	40	< 0.5	4	0.25	0.5	1	41	14	0.67	< 10	< 1	0.03	< 10	0.06	65
L6S	0+50W	217	298	< 5	< 0.2	0.49	< 5	10	0.5	< 2	0.08	< 0.5	1	48	3	1.30	10	< 1	0.02	< 10	0.05	35
L6S	250W	217	298	30	< 0.2	1.04	< 5	20	< 0.5	4	0.37	< 0.5	4	47	16	1.57	< 10	< 1	0.04	< 10	0.34	185
L6S	300W	217	298	5	< 0.2	0.22	5	50	< 0.5	< 2	0.11	0.5	1	5	17	0.14	< 10	< 1	0.05	< 10	0.01	30
L6S	350W	217	298	10	< 0.2	0.32	10	90	< 0.5	2	0.13	< 0.5	2	80	44	0.82	< 10	< 1	0.04	< 10	0.06	90
L6S	750W	217	298	10	< 0.2	1.62	< 5	40	0.5	< 2	0.18	0.5	2	33	48	0.19	< 10	< 1	0.02	50	0.04	20
L6S	800W	217	298	45	< 0.2	0.94	< 5	80	0.5	< 2	0.55	0.5	3	11	39	0.21	< 10	< 1	< 0.01	40	0.06	45
L8S	250E	217	298	< 5	< 0.2	0.31	15	50	< 0.5	2	0.19	< 0.5	2	20	97	0.72	< 10	< 1	0.05	< 10	0.06	90
L8S	150W	217	298	< 5	< 0.2	0.57	5	50	< 0.5	< 2	0.13	1.0	4	9	25	0.44	< 10	< 1	0.05	< 10	0.03	45
L8S	200W	217	298	10	< 0.2	0.93	10	30	< 0.5	< 2	0.13	0.5	3	12	34	0.44	< 10	1	0.02	10	0.03	30
L10S	100W	217	298	5	< 0.2	0.71	< 5	30	< 0.5	2	0.04	< 0.5	4	29	13	1.24	< 10	< 1	0.02	< 10	0.17	90
L10S	750W	217	298	20	< 0.2	0.49	5	30	< 0.5	< 2	0.06	0.5	4	27	18	0.54	< 10	< 1	0.03	< 10	0.09	115
L12S	400W	217	298	5	< 0.2	0.70	5	70	0.5	2	0.28	0.5	3	13	36	0.38	< 10	< 1	0.03	10	0.05	30
L12S	800W	217	298	25	< 0.2	0.12	10	100	< 0.5	2	0.36	0.5	1	13	85	0.24	< 10	1	0.07	< 10	0.02	65
L12S	850W	217	298	10	< 0.2	0.20	5	40	< 0.5	< 2	0.21	1.0	4	13	39	0.36	< 10	< 1	0.05	< 10	0.04	30
L12S	1450W	217	298	10	< 0.2	0.52	10	70	< 0.5	2	0.26	0.5	4	11	31	0.32	< 10	< 1	0.07	< 10	0.04	80
L14S	350E	217	298	15	< 0.2	0.65	5	30	< 0.5	< 2	0.12	< 0.5	3	28	47	0.63	< 10	< 1	0.02	10	0.04	30
L14S	500E	217	298	10	0.2	0.70	5	40	< 0.5	6	0.14	< 0.5	4	23	47	1.38	< 10	< 1	0.03	10	0.04	30
L14S	600W	217	298	5	< 0.2	0.75	< 5	100	0.5	< 2	0.32	1.0	4	9	20	0.31	< 10	< 1	0.01	20	0.02	10
L14S	1300W	217	298	10	0.2	0.47	5	70	< 0.5	4	0.33	1.5	4	12	34	0.44	< 10	< 1	0.04	< 10	0.04	35

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-H*
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :19116125
P.O. Number

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L0 650W	217 298	< 1	0.01	46	790	56	< 5	< 1	15	< 0.01	< 10	< 10	5	< 10	82
L0 1100W	217 298	< 1	0.01	9	150	8	< 5	< 1	8	0.05	< 10	< 10	20	< 10	52
L0 1500W	217 298	1	0.01	20	1430	28	< 5	1	25	< 0.01	< 10	< 10	5	< 10	106
L2N 150W	217 298	< 1	0.01	64	780	66	< 5	< 1	27	0.01	< 10	< 10	6	< 10	152
L2N 400W	217 298	< 1	0.01	8	170	10	< 5	< 1	10	0.05	< 10	< 10	18	< 10	24
L2N 600W	217 298	< 1	0.01	32	690	36	< 5	< 1	30	0.01	< 10	< 10	6	< 10	108
L2S 100W	217 298	1	< 0.01	75	690	68	< 5	1	36	< 0.01	< 10	< 10	7	< 10	112
L2S 350W	217 298	< 1	0.01	19	230	10	< 5	2	18	0.10	< 10	< 10	40	< 10	36
L2S 900W	217 298	1	0.01	36	760	34	< 5	1	15	0.05	< 10	< 10	26	< 10	86
L2S 1000W	217 298	1	0.01	41	680	40	< 5	1	23	0.04	< 10	< 10	27	< 10	76
L2S 1200W	217 298	< 1	< 0.01	12	210	8	< 5	< 1	24	0.02	< 10	< 10	7	< 10	52
L2S 1300W	217 298	< 1	0.01	21	240	10	< 5	1	14	0.06	< 10	< 10	27	< 10	42
L2S 1350W	217 298	< 1	0.01	57	360	62	< 5	< 1	13	< 0.01	< 10	< 10	2	< 10	150
L2S 1400W	217 298	< 1	< 0.01	57	720	42	< 5	1	37	< 0.01	< 10	< 10	2	< 10	98
L2S 1450W	217 298	< 1	< 0.01	15	820	8	< 5	2	12	0.03	10	< 10	9	< 10	44
L2S 1500W	217 298	< 1	< 0.01	38	530	44	< 5	< 1	18	< 0.01	< 10	< 10	4	< 10	78
L4S 900W	217 298	< 1	< 0.01	32	490	28	< 5	< 1	17	< 0.01	< 10	< 10	4	< 10	68
L4S 1400W	217 298	< 1	0.01	11	500	10	< 5	< 1	11	< 0.01	10	< 10	< 1	< 10	132
L4S 1450W	217 298	< 1	0.03	11	300	10	< 5	< 1	7	< 0.01	< 10	< 10	< 1	< 10	156
L6S 0+50E	217 298	2	0.01	48	1060	82	< 5	< 1	19	0.01	< 10	< 10	9	< 10	188
L6S BL0+00	217 298	49	0.01	15	320	22	< 5	1	11	0.05	< 10	< 10	19	< 10	40
L6S 0+50W	217 298	1	0.01	5	110	6	< 5	< 1	6	0.09	< 10	< 10	54	< 10	16
L6S 250W	217 298	< 1	0.02	13	240	32	< 5	2	7	0.12	< 10	< 10	41	< 10	40
L6S 300W	217 298	< 1	< 0.01	21	480	20	< 5	< 1	17	< 0.01	< 10	< 10	1	< 10	60
L6S 350W	217 298	< 1	0.01	34	330	36	< 5	< 1	12	0.05	< 10	< 10	26	< 10	50
L6S 750W	217 298	< 1	< 0.01	8	990	8	< 5	1	14	0.02	< 10	< 10	9	< 10	18
L6S 800W	217 298	1	< 0.01	9	990	4	< 5	2	37	0.01	< 10	< 10	7	< 10	32
L8S 250E	217 298	< 1	0.01	58	760	60	< 5	< 1	8	0.04	< 10	< 10	18	< 10	64
L8S 150W	217 298	< 1	< 0.01	28	660	46	< 5	< 1	13	< 0.01	< 10	< 10	3	< 10	74
L8S 200W	217 298	< 1	< 0.01	22	650	36	< 5	1	10	< 0.01	< 10	< 10	4	< 10	68
L10S 100W	217 298	1	< 0.01	13	280	16	< 5	< 1	4	0.06	< 10	< 10	35	< 10	40
L10S 750W	217 298	< 1	0.01	17	340	24	< 5	< 1	7	0.02	< 10	< 10	11	< 10	36
L12S 400W	217 298	< 1	0.01	31	1000	48	< 5	1	32	0.01	10	< 10	5	< 10	60
L12S 800W	217 298	< 1	< 0.01	56	530	56	< 5	< 1	17	< 0.01	10	< 10	4	< 10	94
L12S 850W	217 298	< 1	0.01	35	810	46	< 5	< 1	19	< 0.01	< 10	< 10	4	< 10	96
L12S 1450W	217 298	< 1	0.02	49	920	52	< 5	< 1	24	< 0.01	< 10	< 10	3	< 10	94
L14S 350E	217 298	1	0.01	28	790	34	< 5	< 1	10	0.02	< 10	< 10	12	< 10	50
L14S 500E	217 298	< 1	0.01	34	810	46	< 5	< 1	12	0.01	< 10	< 10	15	< 10	58
L14S 600W	217 298	< 1	0.01	12	910	14	< 5	1	31	< 0.01	< 10	< 10	5	< 10	62
L14S 1300W	217 298	< 1	0.01	28	1030	34	< 5	< 1	25	< 0.01	< 10	< 10	10	< 10	98

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-H"
Comments: ATTN: H. TRACANELLI

Page Number :2-A
Total Pages :2
Certificate Date: 18-JUN-91
Invoice No. :I9116125
P.O. Number

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L14S	1350W	217	298	< 5	< 0.2	0.67	5	40	0.5	< 2	0.21	< 0.5	2	24	21	0.57	< 10	< 1	0.02	< 10	0.04	35
L16S	700E	217	298	< 5	< 0.2	0.39	< 5	50	< 0.5	2	0.11	< 0.5	3	18	22	0.90	< 10	< 1	0.04	< 10	0.12	90
L16E	BL0+00	217	298	< 5	< 0.2	0.66	5	50	< 0.5	< 2	0.24	< 0.5	3	12	27	0.66	< 10	< 1	0.02	< 10	0.04	35
L18S	200E	217	298	< 5	< 0.2	0.31	< 5	30	< 0.5	< 2	0.12	< 0.5	1	16	29	0.79	< 10	< 1	0.02	< 10	0.05	35
L20S	150E	217	298	< 5	< 0.2	0.49	< 5	40	< 0.5	< 2	0.22	2.0	3	8	40	0.18	< 10	< 1	0.02	< 10	0.03	35
L20S	850E	217	298	< 5	< 0.2	0.34	< 5	140	0.5	< 2	0.40	0.5	8	5	24	0.29	< 10	< 1	0.04	< 10	0.04	70
L22S	BL0+00	217	298	< 5	< 0.2	0.66	< 5	30	< 0.5	< 2	0.19	< 0.5	1	12	42	0.20	< 10	< 1	< 0.01	10	0.02	5
L22S	100E	217	298	15	< 0.2	0.74	< 5	20	< 0.5	2	0.04	0.5	1	29	43	0.32	< 10	< 1	0.02	10	0.01	10
L24S	0+50E	217	298	< 5	< 0.2	0.31	< 5	50	< 0.5	< 2	0.30	< 0.5	2	7	18	0.22	< 10	< 1	0.01	< 10	0.04	30
L24S	100E	217	298	< 5	< 0.2	0.34	< 5	40	< 0.5	< 2	0.20	< 0.5	< 1	6	14	0.15	< 10	< 1	< 0.01	< 10	0.03	10
L24S	150E	217	298	< 5	< 0.2	0.63	< 5	30	< 0.5	< 2	0.23	< 0.5	1	6	27	0.18	< 10	< 1	< 0.01	10	0.03	5
L24S	200E	217	298	< 5	< 0.2	1.77	< 5	40	< 0.5	< 2	0.19	< 0.5	2	25	70	0.38	< 10	< 1	0.01	90	0.02	< 5
L26S	100E	217	298	< 5	< 0.2	0.38	< 5	40	< 0.5	< 2	0.26	0.5	1	8	16	0.09	< 10	< 1	< 0.01	< 10	0.04	15
L26S	150E	217	298	< 5	0.2	0.51	< 5	40	< 0.5	2	0.10	0.5	1	16	42	0.40	< 10	< 1	0.03	< 10	0.03	25
L26S	200E	217	298	< 5	< 0.2	0.86	5	30	< 0.5	2	0.08	< 0.5	2	36	17	1.24	< 10	< 1	0.02	10	0.08	35

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S6

Project : RLOP91-069-H*
Comments: ATTN: H. TRACANELLI

Page Number :2-B
Total Pages :2
Certificate Date: 18-JUN-91
Invoice No. :I9116125
P.O. Numbe[redacted]

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L14S 1350W	217	298	< 1	0.01	14	540	26	< 5	< 1	18	0.03	< 10	< 10	17	< 10	50
L16S 700E	217	298	< 1	0.01	14	230	20	< 5	1	8	0.06	< 10	< 10	22	< 10	42
L16E BL0+00	217	298	< 1	< 0.01	25	790	44	< 5	< 1	19	< 0.01	< 10	< 10	8	< 10	90
L18S 200E	217	298	< 1	0.01	11	210	16	< 5	1	5	0.08	< 10	< 10	48	< 10	28
L20S 150E	217	298	< 1	0.01	28	450	38	< 5	< 1	19	< 0.01	< 10	< 10	4	< 10	134
L20S 850E	217	298	< 1	0.01	43	440	22	< 5	< 1	34	< 0.01	< 10	< 10	1	< 10	80
L22S BL0+00	217	298	< 1	< 0.01	7	590	4	< 5	1	12	0.01	< 10	< 10	10	< 10	12
L22S 100E	217	298	< 1	0.01	14	830	22	< 5	< 1	4	< 0.01	< 10	10	7	< 10	36
L24S 0+50E	217	298	< 1	0.01	12	430	12	< 5	1	19	< 0.01	10	< 10	3	< 10	46
L24S 100E	217	298	< 1	< 0.01	4	380	4	< 5	< 1	14	< 0.01	< 10	< 10	5	< 10	28
L24S 150E	217	298	< 1	< 0.01	5	430	2	< 5	4	15	0.01	< 10	< 10	12	< 10	24
L24S 200E	217	298	< 1	< 0.01	14	1090	8	< 5	1	16	0.01	30	< 10	25	10	10
L26S 100E	217	298	< 1	< 0.01	4	340	< 2	< 5	1	17	< 0.01	< 10	< 10	5	10	36
L26S 150E	217	298	1	0.01	13	500	20	< 5	< 1	4	0.03	10	< 10	37	< 10	30
L26S 200E	217	298	< 1	0.01	11	280	10	< 5	1	9	0.05	< 10	< 10	17	< 10	22

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-H"
Comments: ATTN: H. TRACANELLI

Page Number :1-A
Total Pages :2
Certificate Date: 18-JUN-91
Invoice No. [redacted]116125
P.O. Number

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L0 650W	217 298	55	< 0.2	0.33	< 5	100	< 0.5	2	0.11	2.5	1	84	85	0.45	< 10	< 1	0.01	< 10	0.02	75
L0 1100W	217 298	10	0.2	0.34	< 5	30	< 0.5	2	0.09	< 0.5	2	27	8	0.68	< 10	< 1	0.01	< 10	0.09	55
L0 1500W	217 298	40	< 0.2	0.88	< 5	40	0.5	2	0.33	2.0	3	10	37	0.14	< 10	< 1	0.01	50	0.05	25
L2N 150W	217 298	< 5	0.2	0.33	5	190	< 0.5	4	0.31	1.0	3	10	47	0.42	< 10	< 1	0.06	< 10	0.05	130
L2N 400W	217 298	< 5	0.2	0.36	< 5	30	< 0.5	< 2	0.09	< 0.5	2	32	6	0.50	< 10	< 1	0.01	10	0.03	40
L2N 600W	217 298	< 5	0.4	0.44	5	260	< 0.5	< 2	0.25	1.0	2	26	33	0.34	< 10	< 1	0.06	10	0.04	85
L2S 100W	217 298	25	< 0.2	0.28	10	50	< 0.5	< 2	0.94	1.5	6	13	83	0.45	< 10	< 1	0.06	10	0.07	105
L2S 350W	217 298	35	< 0.2	1.11	< 5	30	< 0.5	4	0.23	< 0.5	6	62	8	1.94	< 10	< 1	0.04	10	0.41	145
L2S 900W	217 298	20	< 0.2	0.91	< 5	40	< 0.5	< 2	0.22	< 0.5	6	53	25	1.12	< 10	< 1	0.06	10	0.17	85
L2S 1000W	217 298	10	0.2	0.69	< 5	80	< 0.5	< 2	0.26	1.0	8	24	49	1.39	< 10	< 1	0.03	10	0.11	100
L2S 1200W	217 298	5	0.2	0.16	< 5	110	< 0.5	< 2	0.28	1.0	1	21	5	0.23	< 10	< 1	0.03	< 10	0.03	105
L2S 1300W	217 298	15	0.2	0.58	< 5	60	< 0.5	2	0.17	< 0.5	4	39	15	1.13	< 10	< 1	0.03	< 10	0.26	85
L2S 1350W	217 298	20	0.4	0.14	10	30	< 0.5	2	0.19	1.0	2	9	48	0.20	< 10	< 1	0.03	< 10	0.02	35
L2S 1400W	217 298	< 5	< 0.2	0.41	5	90	< 0.5	< 2	0.43	1.0	10	11	43	0.39	< 10	< 1	0.06	10	0.04	120
L2S 1450W	217 298	40	< 0.2	2.50	5	40	1.0	2	0.14	< 0.5	5	50	57	0.35	< 10	1	0.03	30	0.11	50
L2S 1500W	217 298	10	< 0.2	0.15	5	80	< 0.5	< 2	0.31	1.0	1	4	30	0.26	< 10	< 1	0.04	< 10	0.02	115
L4S 900W	217 298	5	< 0.2	0.13	5	90	< 0.5	< 2	0.33	1.0	1	6	29	0.21	< 10	< 1	0.04	< 10	0.02	25
L4S 1400W	217 298	10	< 0.2	0.03	< 5	40	< 0.5	< 2	0.35	0.5	< 1	7	9	0.04	< 10	< 1	0.21	< 10	0.04	725
L4S 1450W	217 298	10	< 0.2	0.04	< 5	20	< 0.5	< 2	0.27	0.5	< 1	3	8	0.05	< 10	< 1	0.15	< 10	0.04	300
L6S 0+50E	217 298	5	< 0.2	0.37	5	140	< 0.5	< 2	0.41	1.0	6	14	43	0.81	< 10	< 1	0.04	< 10	0.05	260
L6S BL0+00	217 298	< 5	< 0.2	0.32	< 5	40	< 0.5	4	0.25	0.5	1	41	14	0.67	< 10	< 1	0.03	< 10	0.06	65
L6S 0+50W	217 298	< 5	< 0.2	0.49	< 5	10	0.5	< 2	0.08	< 0.5	1	48	3	1.30	10	< 1	0.02	< 10	0.05	35
L6S 250W	217 298	30	< 0.2	1.04	< 5	20	< 0.5	4	0.37	< 0.5	4	47	16	1.57	< 10	< 1	0.04	< 10	0.34	189
L6S 300W	217 298	5	< 0.2	0.22	5	50	< 0.5	< 2	0.11	0.5	1	5	17	0.14	< 10	< 1	0.05	< 10	0.01	30
L6S 350W	217 298	10	< 0.2	0.32	10	90	< 0.5	2	0.13	< 0.5	2	80	44	0.82	< 10	< 1	0.04	< 10	0.06	90
L6S 750W	217 298	10	< 0.2	1.62	< 5	40	0.5	< 2	0.18	0.5	2	33	48	0.19	< 10	< 1	0.02	50	0.04	20
L6S 800W	217 298	45	< 0.2	0.94	< 5	80	0.5	< 2	0.55	0.5	3	11	39	0.21	< 10	< 1	< 0.01	40	0.06	45
L8S 250E	217 298	< 5	< 0.2	0.31	15	50	< 0.5	2	0.19	< 0.5	2	20	97	0.72	< 10	< 1	0.05	< 10	0.06	90
L8S 150W	217 298	< 5	< 0.2	0.57	5	50	< 0.5	< 2	0.13	1.0	4	9	25	0.44	< 10	< 1	0.05	< 10	0.03	45
L8S 200W	217 298	10	< 0.2	0.93	10	30	< 0.5	< 2	0.13	0.5	3	12	34	0.44	< 10	1	0.02	10	0.03	30
L10S 100W	217 298	5	< 0.2	0.71	< 5	30	< 0.5	2	0.04	< 0.5	4	29	13	1.24	< 10	< 1	0.02	< 10	0.17	90
L10S 750W	217 298	20	< 0.2	0.49	5	30	< 0.5	< 2	0.06	0.5	4	27	18	0.54	< 10	< 1	0.03	< 10	0.09	115
L12S 400W	217 298	5	< 0.2	0.70	5	70	0.5	2	0.28	0.5	3	13	36	0.38	< 10	< 1	0.03	10	0.05	30
L12S 800W	217 298	25	< 0.2	0.12	10	100	< 0.5	2	0.36	0.5	1	13	85	0.24	< 10	1	0.07	< 10	0.02	65
L12S 850W	217 298	10	< 0.2	0.20	5	40	< 0.5	< 2	0.21	1.0	4	13	39	0.36	< 10	< 1	0.05	< 10	0.04	30
L12S 1450W	217 298	10	< 0.2	0.52	10	70	< 0.5	2	0.26	0.5	4	11	31	0.32	< 10	< 1	0.07	< 10	0.04	80
L14S 350E	217 298	15	< 0.2	0.65	5	30	< 0.5	< 2	0.12	< 0.5	3	28	47	0.63	< 10	< 1	0.02	10	0.04	30
L14S 500E	217 298	10	0.2	0.70	5	40	< 0.5	6	0.14	< 0.5	4	23	47	1.38	< 10	< 1	0.03	10	0.04	30
L14S 600W	217 298	5	< 0.2	0.75	< 5	100	0.5	< 2	0.32	1.0	4	9	20	0.31	< 10	< 1	0.01	20	0.02	10
L14S 1300W	217 298	10	0.2	0.47	5	70	< 0.5	4	0.33	1.5	4	12	34	0.44	< 10	< 1	0.04	< 10	0.04	35

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-H
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :19116125
P.O. Number :

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L0 650W	217 298	< 1	0.01	46	790	56	< 5	< 1	15	< 0.01	< 10	< 10	5	< 10	82
L0 1100W	217 298	< 1	0.01	9	150	8	< 5	< 1	8	0.05	< 10	< 10	20	< 10	52
L0 1500W	217 298	1	0.01	20	1430	28	< 5	1	25	< 0.01	< 10	< 10	5	< 10	106
L2N 150W	217 298	< 1	0.01	64	780	66	< 5	< 1	27	0.01	< 10	< 10	6	< 10	152
L2N 400W	217 298	< 1	0.01	8	170	10	< 5	< 1	10	0.05	< 10	< 10	18	< 10	24
L2N 600W	217 298	< 1	0.01	32	690	36	< 5	< 1	30	0.01	< 10	< 10	6	< 10	108
L2S 100W	217 298	1	< 0.01	75	690	68	< 5	1	36	< 0.01	< 10	< 10	7	< 10	112
L2S 350W	217 298	< 1	0.01	19	230	10	< 5	2	18	0.10	< 10	< 10	40	< 10	36
L2S 900W	217 298	1	0.01	36	760	34	< 5	1	15	0.05	< 10	< 10	26	< 10	86
L2S 1000W	217 298	1	0.01	41	680	40	< 5	1	23	0.04	< 10	< 10	27	< 10	76
L2S 1200W	217 298	< 1	< 0.01	12	210	8	< 5	< 1	24	0.02	< 10	< 10	7	< 10	52
L2S 1300W	217 298	< 1	0.01	21	240	10	< 5	1	14	0.06	< 10	< 10	27	< 10	42
L2S 1350W	217 298	< 1	0.01	57	360	62	< 5	< 1	13	< 0.01	< 10	< 10	2	< 10	150
L2S 1400W	217 298	< 1	< 0.01	57	720	42	< 5	1	37	< 0.01	< 10	< 10	2	< 10	98
L2S 1450W	217 298	< 1	< 0.01	15	820	8	< 5	2	12	0.03	10	< 10	9	< 10	44
L2S 1500W	217 298	< 1	< 0.01	38	530	44	< 5	< 1	18	< 0.01	< 10	< 10	4	< 10	78
L4S 900W	217 298	< 1	< 0.01	32	490	28	< 5	< 1	17	< 0.01	< 10	< 10	4	< 10	68
L4S 1400W	217 298	< 1	0.01	11	500	10	< 5	< 1	11	< 0.01	10	< 10	< 1	< 10	132
L4S 1450W	217 298	< 1	0.03	11	300	10	< 5	< 1	7	< 0.01	< 10	< 10	< 1	< 10	156
L6S 0+50E	217 298	2	0.01	48	1060	82	< 5	< 1	19	0.01	< 10	< 10	9	< 10	188
L6S BL0+00	217 298	49	0.01	15	320	22	< 5	1	11	0.05	< 10	< 10	19	< 10	40
L6S 0+50W	217 298	1	0.01	5	110	6	< 5	< 1	6	0.09	< 10	< 10	54	< 10	16
L6S 250W	217 298	< 1	0.02	13	240	32	< 5	2	7	0.12	< 10	< 10	41	< 10	40
L6S 300W	217 298	< 1	< 0.01	21	480	20	< 5	< 1	17	< 0.01	< 10	< 10	1	< 10	60
L6S 350W	217 298	< 1	0.01	34	330	36	< 5	< 1	12	0.05	< 10	< 10	26	< 10	50
L6S 750W	217 298	< 1	< 0.01	8	990	8	< 5	1	14	0.02	< 10	< 10	9	< 10	18
L6S 800W	217 298	1	< 0.01	9	990	4	< 5	2	37	0.01	< 10	< 10	7	< 10	32
L8S 250E	217 298	< 1	0.01	58	760	60	< 5	< 1	8	0.04	< 10	< 10	18	< 10	64
L8S 150W	217 298	< 1	< 0.01	28	660	46	< 5	< 1	13	< 0.01	< 10	< 10	3	< 10	74
L8S 200W	217 298	< 1	< 0.01	22	650	36	< 5	1	10	< 0.01	< 10	< 10	4	< 10	68
L10S 100W	217 298	1	< 0.01	13	280	16	< 5	< 1	4	0.06	< 10	< 10	35	< 10	40
L10S 750W	217 298	< 1	0.01	17	340	24	< 5	< 1	7	0.02	< 10	< 10	11	< 10	36
L12S 400W	217 298	< 1	0.01	31	1000	48	< 5	1	32	0.01	10	< 10	5	< 10	60
L12S 800W	217 298	< 1	< 0.01	56	530	56	< 5	< 1	17	< 0.01	10	< 10	4	< 10	94
L12S 850W	217 298	< 1	0.01	35	810	46	< 5	< 1	19	< 0.01	< 10	< 10	4	< 10	96
L12S 1450W	217 298	< 1	0.02	49	920	52	< 5	< 1	24	< 0.01	< 10	< 10	3	< 10	94
L14S 350E	217 298	1	0.01	28	790	34	< 5	< 1	10	0.02	< 10	< 10	12	< 10	50
L14S 500E	217 298	< 1	0.01	34	810	46	< 5	< 1	12	0.01	< 10	< 10	15	< 10	58
L14S 600W	217 298	< 1	0.01	12	910	14	< 5	1	31	< 0.01	< 10	< 10	5	< 10	62
L14S 1300W	217 298	< 1	0.01	28	1030	34	< 5	< 1	25	< 0.01	< 10	< 10	10	< 10	98

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-H*
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :19116125
P.O. Number :

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L14S	1350W	217	298	< 5	< 0.2	0.67	5	40	0.5	< 2	0.21	< 0.5	2	24	21	0.57	< 10	< 1	0.02	< 10	0.04	35
L16S	700E	217	298	< 5	< 0.2	0.39	< 5	50	< 0.5	2	0.11	< 0.5	3	18	22	0.90	< 10	< 1	0.04	< 10	0.12	90
L16E	BL0+00	217	298	< 5	< 0.2	0.66	5	50	< 0.5	< 2	0.24	< 0.5	3	12	27	0.66	< 10	< 1	0.02	< 10	0.04	35
L18S	200E	217	298	< 5	< 0.2	0.31	< 5	30	< 0.5	< 2	0.12	< 0.5	1	16	29	0.79	< 10	< 1	0.02	< 10	0.05	35
L20S	150E	217	298	< 5	< 0.2	0.49	< 5	40	< 0.5	< 2	0.22	2.0	3	8	40	0.18	< 10	< 1	0.02	< 10	0.03	35
L20S	850E	217	298	< 5	< 0.2	0.34	< 5	140	0.5	< 2	0.40	0.5	8	5	24	0.29	< 10	< 1	0.04	< 10	0.04	70
L22S	BL0+00	217	298	< 5	< 0.2	0.66	< 5	30	< 0.5	< 2	0.19	< 0.5	1	12	42	0.20	< 10	< 1	< 0.01	10	0.02	5
L22S	100E	217	298	15	< 0.2	0.74	< 5	20	< 0.5	2	0.04	0.5	1	29	43	0.32	< 10	< 1	0.02	10	0.01	10
L24S	0+50E	217	298	< 5	< 0.2	0.31	< 5	50	< 0.5	< 2	0.30	< 0.5	2	7	18	0.22	< 10	< 1	0.01	< 10	0.04	30
L24S	100E	217	298	< 5	< 0.2	0.34	< 5	40	< 0.5	< 2	0.20	< 0.5	< 1	6	14	0.15	< 10	< 1	< 0.01	< 10	0.03	10
L24S	150E	217	298	< 5	< 0.2	0.63	< 5	30	< 0.5	< 2	0.23	< 0.5	1	6	27	0.18	< 10	< 1	< 0.01	10	0.03	5
L24S	200E	217	298	< 5	< 0.2	1.77	< 5	40	< 0.5	< 2	0.19	< 0.5	2	25	70	0.38	< 10	< 1	0.01	90	0.02	< 5
L26S	100E	217	298	< 5	< 0.2	0.38	< 5	40	< 0.5	< 2	0.26	0.5	1	8	16	0.09	< 10	< 1	< 0.01	< 10	0.04	15
L26S	150E	217	298	< 5	0.2	0.51	< 5	40	< 0.5	2	0.10	0.5	1	16	42	0.40	< 10	< 1	0.03	< 10	0.03	25
L26S	200E	217	298	< 5	< 0.2	0.86	5	30	< 0.5	2	0.08	< 0.5	2	36	17	1.24	< 10	< 1	0.02	10	0.08	35

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

Project : RLOP91-069-H*
Comments: ATTN: H. TRACANELLI

Certificate Date: 18-JUN-91
Invoice No. :I9116125
P.O. Number

CERTIFICATE OF ANALYSIS A9116125

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L14S 1350W	217	298	< 1	0.01	14	540	26	< 5	< 1	18	0.03	< 10	< 10	17	< 10	50
L16S 700E	217	298	< 1	0.01	14	230	20	< 5	1	8	0.06	< 10	< 10	22	< 10	42
L16E BL0+00	217	298	< 1	< 0.01	25	790	44	< 5	< 1	19	< 0.01	< 10	< 10	8	< 10	90
L18S 200E	217	298	< 1	0.01	11	210	16	< 5	1	5	0.08	< 10	< 10	48	< 10	28
L20S 150E	217	298	< 1	0.01	28	450	38	< 5	< 1	19	< 0.01	< 10	< 10	4	< 10	134
L20S 850E	217	298	< 1	0.01	43	440	22	< 5	< 1	34	< 0.01	< 10	< 10	1	< 10	80
L22S BL0+00	217	298	< 1	< 0.01	7	590	4	< 5	1	12	0.01	< 10	< 10	10	< 10	12
L22S 100E	217	298	< 1	0.01	14	830	22	< 5	< 1	4	< 0.01	< 10	10	7	< 10	36
L24S 0+50E	217	298	< 1	0.01	12	430	12	< 5	1	19	< 0.01	10	< 10	3	< 10	46
L24S 100E	217	298	< 1	< 0.01	4	380	4	< 5	< 1	14	< 0.01	< 10	< 10	5	< 10	28
L24S 150E	217	298	< 1	< 0.01	5	430	2	< 5	4	15	0.01	< 10	< 10	12	< 10	24
L24S 200E	217	298	< 1	< 0.01	14	1090	8	< 5	1	16	0.01	30	< 10	25	10	10
L26S 100E	217	298	< 1	< 0.01	4	340	< 2	< 5	1	17	< 0.01	< 10	< 10	5	10	36
L26S 150E	217	298	1	0.01	13	500	20	< 5	< 1	4	0.03	10	< 10	37	< 10	30
L26S 200E	217	298	< 1	0.01	11	280	10	< 5	1	9	0.05	< 10	< 10	17	< 10	22

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

131 FIELDING RD., P.O. BOX 700
LIVELY, ON
P0M 2E0

Project : RLOP91-069
Comments: ATTN: H. TRACONELLI

Page Number :1-A
Total Pages :2
Certificate Date: 02-JUL-91
Invoice No. :I9116727
P.O. Number :

CERTIFICATE OF ANALYSIS A9116727

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm Aqua R	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
RL001	301601	205	294	< 5	< 0.2	1.64	5	60	< 0.5	< 2	0.31	< 0.5	16	143	11	2.98	< 10	< 1	0.42	< 10	1.17	150
RL002	301602	205	294	< 5	< 0.2	0.31	< 5	20	< 0.5	< 2	0.08	< 0.5	1	229	6	0.24	< 10	< 1	0.18	< 10	0.05	10
RL003	301603	205	294	< 5	< 0.2	2.54	10	50	< 0.5	< 2	0.92	< 0.5	23	51	76	4.97	< 10	1	0.62	< 10	1.74	590
RL004	301604	205	294	< 5	< 0.2	0.43	< 5	20	< 0.5	< 2	0.08	< 0.5	< 1	218	7	0.46	< 10	1	0.15	< 10	0.18	115
RL005	301605	205	294	< 5	< 0.2	3.40	10	40	1.0	< 2	10.30	1.0	10	135	< 1	1.27	< 10	< 1	< 0.01	< 10	0.02	3990
RL006	301606	205	294	< 5	< 0.2	2.03	< 5	20	0.5	< 2	6.53	1.0	7	135	20	3.31	< 10	< 1	< 0.01	< 10	0.03	2970
RL007	301607	205	294	< 5	< 0.2	1.51	< 5	30	2.5	2	3.98	< 0.5	25	77	135	5.17	< 10	< 1	< 0.01	< 10	0.03	1905
RL008	301608	205	294	< 5	< 0.2	0.95	< 5	20	0.5	< 2	1.44	< 0.5	4	107	46	1.31	< 10	< 1	0.04	< 10	0.19	240
RL009	301609	205	294	< 5	< 0.2	1.28	5	50	< 0.5	< 2	0.07	< 0.5	< 1	175	5	0.86	< 10	1	0.22	10	1.20	165
RL010	301610	205	294	< 5	< 0.2	1.62	< 5	100	< 0.5	< 2	0.60	< 0.5	14	194	44	3.84	< 10	< 1	1.21	< 10	1.54	600
RL011	301611	205	294	< 5	< 0.2	0.74	< 5	70	< 0.5	< 2	0.17	< 0.5	4	124	56	13.65	< 10	< 1	0.62	< 10	0.56	505
RL012	301612	205	294	< 5	< 0.2	0.35	5	20	0.5	< 2	>15.00	< 0.5	8	41	3	1.03	< 10	< 1	0.14	< 10	0.24	3750
RL013	301613	205	294	< 5	< 0.2	0.16	5	< 10	< 0.5	< 2	>15.00	< 0.5	5	18	2	0.57	< 10	< 1	0.04	< 10	0.21	4320
RL014	301614	205	294	< 5	< 0.2	0.25	< 5	10	< 0.5	< 2	14.65	< 0.5	12	62	5	1.25	< 10	1	0.10	< 10	0.21	2750
RL015	301615	205	294	< 5	0.6	0.51	< 5	20	< 0.5	< 2	2.95	0.5	41	136	79	>15.00	< 10	< 1	0.16	< 10	0.34	1255
RL016	301616	205	294	10	< 0.2	0.29	< 5	< 10	< 0.5	< 2	>15.00	1.0	12	28	2	1.15	< 10	< 1	0.04	< 10	0.27	3050
RL017	301617	205	294	< 5	< 0.2	0.17	< 5	< 10	< 0.5	2	>15.00	< 0.5	8	34	5	0.82	< 10	< 1	0.03	< 10	0.20	3380
RL018	301618	205	294	5	< 0.2	0.28	10	10	< 0.5	< 2	>15.00	1.5	14	32	3	1.59	< 10	< 1	0.07	< 10	0.24	2910
RL019	301619	205	294	< 5	3.4	1.03	< 5	30	< 0.5	12	1.50	13.0	18	133	58	7.61	< 10	< 1	0.13	10	0.39	2150
RL020	301620	205	294	< 5	< 0.2	0.01	< 5	< 10	< 0.5	< 2	>15.00	< 0.5	3	4	1	0.43	< 10	< 1	< 0.01	< 10	0.03	2550
RL021	301621	205	294	< 5	< 0.2	0.30	< 5	< 10	< 0.5	< 2	14.20	< 0.5	4	27	4	0.81	< 10	< 1	0.05	< 10	0.25	1590
RL022	301622	205	294	< 5	< 0.2	1.27	< 5	40	< 0.5	< 2	0.64	1.0	15	233	29	3.84	< 10	< 1	0.20	20	1.02	590
RL023	301623	205	294	< 5	< 0.2	2.98	< 5	10	< 0.5	< 2	1.40	< 0.5	9	151	8	5.90	< 10	< 1	0.01	< 10	2.56	865
RL024	301624	205	294	< 5	< 0.2	0.79	10	20	< 0.5	< 2	0.33	< 0.5	10	201	14	1.87	< 10	< 1	0.08	10	0.76	415
RL025	301625	205	294	< 5	0.4	0.48	285	20	< 0.5	< 2	0.06	< 0.5	35	203	5	>15.00	< 10	< 1	0.11	< 10	0.13	105
RL026	301626	205	294	< 5	< 0.2	1.76	10	20	< 0.5	< 2	1.59	< 0.5	20	143	46	3.33	< 10	< 1	0.12	< 10	1.14	515
RL027	301627	205	294	< 5	< 0.2	1.05	5	20	< 0.5	< 2	0.25	< 0.5	4	198	49	3.16	< 10	< 1	0.06	10	0.69	335
RL028	301628	205	294	< 5	0.6	0.41	380	20	< 0.5	< 2	0.04	< 0.5	34	167	6	>15.00	< 10	< 1	0.10	< 10	0.10	90
RL029	301629	205	294	< 5	0.6	0.26	405	20	< 0.5	< 2	0.01	< 0.5	19	135	< 1	>15.00	< 10	< 1	0.09	< 10	0.03	5
RL030	301630	205	294	< 5	< 0.2	0.58	5	10	< 0.5	< 2	0.31	< 0.5	18	170	32	2.85	< 10	< 1	0.05	20	0.46	250
RL031	301631	205	294	< 5	< 0.2	0.99	< 5	30	< 0.5	< 2	0.43	1.0	23	185	65	2.57	< 10	< 1	0.61	20	0.70	300
RL032	301632	205	294	< 5	< 0.2	2.42	10	10	1.5	< 2	9.27	1.0	3	108	3	2.00	< 10	< 1	< 0.01	< 10	0.14	2410
RL033	301633	205	294	< 5	1.4	1.90	15	10	4.0	2	3.92	8.0	5	164	20	1.28	< 10	< 1	< 0.01	< 10	0.18	1090
RL034	301634	205	294	< 5	< 0.2	0.91	5	20	< 0.5	< 2	1.47	< 0.5	4	124	50	2.34	10	< 1	0.06	40	0.06	120
RL035	301635	205	294	< 5	2.2	0.83	< 5	40	1.5	8	3.51	6.0	7	62	21	1.61	< 10	< 1	< 0.01	< 10	0.25	2680
RL036	301636	205	294	< 5	< 0.2	1.03	< 5	< 10	< 0.5	< 2	1.50	< 0.5	11	166	135	5.22	< 10	< 1	< 0.01	< 10	0.10	230
RL037	301637	205	294	< 5	< 0.2	1.85	5	10	6.0	2	>15.00	4.5	3	58	8	0.88	< 10	< 1	< 0.01	< 10	0.31	4380
RL038	301638	205	294	< 5	< 0.2	1.64	5	40	< 0.5	< 2	0.44	< 0.5	8	188	17	2.62	< 10	< 1	0.36	20	1.10	470
RL039	301639	205	294	< 5	< 0.2	1.17	< 5	10	1.0	< 2	8.62	10.0	3	76	6	1.08	< 10	< 1	0.05	< 10	0.13	2800
RL040	301640	205	294	< 5	0.4	2.08	15	10	1.5	< 2	13.10	< 0.5	4	92	2	0.52	< 10	< 1	< 0.01	< 10	0.09	2810

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

131 FIELDING RD., P.O. BOX 700
LIVELY, ON
P0M 2E0

Project : RLOP91-069
Comments: ATTN: H. TRACONELLI

Page Number :1-B
Total Pages :2
Certificate Date: 02-JUL-91
Invoice No. :19116727
P.O. Number :

CERTIFICATE OF ANALYSIS A9116727

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
RL001	301601	205	294	2	0.04	47	410	10	< 5	3	6	0.10	< 10	< 10	25	10	50
RL002	301602	205	294	< 1	0.04	8	30	2	< 5	< 1	2	< 0.01	< 10	< 10	1	< 10	2
RL003	301603	205	294	< 1	0.04	30	300	< 2	< 5	7	24	0.28	< 10	< 10	132	20	74
RL004	301604	205	294	< 1	0.06	9	90	4	< 5	< 1	1	0.02	< 10	< 10	5	< 10	4
RL005	301605	205	294	< 1	< 0.01	10	190	204	< 5	2	17	0.04	< 10	< 10	9	< 10	158
RL006	301606	205	294	< 1	0.01	13	200	446	< 5	2	58	0.12	< 10	< 10	10	20	134
RL007	301607	205	294	4	< 0.01	23	150	70	< 5	1	112	0.07	< 10	< 10	10	20	60
RL008	301608	205	294	< 1	< 0.01	19	350	10	< 5	5	53	0.22	< 10	< 10	41	< 10	16
RL009	301609	205	294	< 1	0.02	10	20	2	< 5	< 1	2	0.01	< 10	< 10	< 1	< 10	40
RL010	301610	205	294	< 1	0.07	28	270	24	< 5	8	28	0.27	< 10	< 10	80	20	90
RL011	301611	205	294	< 1	0.04	13	300	12	< 5	3	18	0.21	< 10	< 10	44	40	38
RL012	301612	205	294	< 1	0.01	16	20	16	< 5	1	66	0.01	< 10	< 10	2	10	118
RL013	301613	205	294	< 1	0.01	10	20	20	< 5	1	110	< 0.01	< 10	< 10	1	< 10	22
RL014	301614	205	294	< 1	0.02	37	250	10	< 5	1	79	0.03	< 10	< 10	4	< 10	38
RL015	301615	205	294	< 1	0.02	67	110	28	< 5	2	14	0.04	< 10	< 10	11	50	114
RL016	301616	205	294	< 1	0.01	16	40	338	< 5	1	83	< 0.01	< 10	< 10	3	10	210
RL017	301617	205	294	< 1	0.01	15	40	44	< 5	1	87	0.01	< 10	< 10	3	< 10	72
RL018	301618	205	294	2	0.01	23	50	366	< 5	1	73	0.01	< 10	< 10	2	10	258
RL019	301619	205	294	< 1	0.03	30	290	1220	< 5	4	8	0.08	< 10	< 10	17	30	1680
RL020	301620	205	294	< 1	< 0.01	3	< 10	152	< 5	< 1	66	< 0.01	< 10	< 10	< 1	< 10	12
RL021	301621	205	294	1	0.01	20	50	12	< 5	2	43	0.04	< 10	< 10	3	10	10
RL022	301622	205	294	< 1	0.05	32	530	158	< 5	7	7	0.22	< 10	< 10	47	10	248
RL023	301623	205	294	< 1	0.09	27	360	2	< 5	23	27	0.42	< 10	< 10	161	30	60
RL024	301624	205	294	< 1	0.06	15	430	6	< 5	7	3	0.16	< 10	< 10	40	< 10	22
RL025	301625	205	294	< 1	0.03	31	140	22	< 5	2	1	< 0.01	< 10	< 10	10	< 50	40
RL026	301626	205	294	< 1	0.17	46	230	8	< 5	12	18	0.20	< 10	< 10	86	10	72
RL027	301627	205	294	< 1	0.04	7	410	56	< 5	4	12	0.18	< 10	< 10	36	< 10	56
RL028	301628	205	294	< 1	0.02	38	40	26	< 5	2	1	< 0.01	< 10	< 10	6	< 50	56
RL029	301629	205	294	< 1	0.01	37	< 10	22	< 5	1	< 1	< 0.01	< 10	< 10	3	< 50	42
RL030	301630	205	294	< 1	0.06	19	430	34	< 5	6	3	0.14	< 10	< 10	44	10	90
RL031	301631	205	294	< 1	0.08	31	480	20	< 5	8	29	0.17	< 10	< 10	51	10	284
RL032	301632	205	294	< 1	< 0.01	5	130	346	< 5	1	119	0.06	< 10	< 10	12	10	364
RL033	301633	205	294	5	0.01	9	370	1150	< 5	3	140	0.19	< 10	< 10	34	< 10	1380
RL034	301634	205	294	< 1	0.03	15	1570	14	< 5	3	227	0.20	< 10	< 10	27	10	22
RL035	301635	205	294	< 1	0.01	10	150	930	< 5	1	71	0.09	< 10	< 10	8	10	1020
RL036	301636	205	294	< 1	< 0.01	35	420	12	< 5	2	123	0.17	< 10	< 10	20	20	24
RL037	301637	205	294	< 1	0.01	5	20	472	< 5	1	14	0.03	< 10	< 10	5	10	1325
RL038	301638	205	294	2	0.05	15	500	6	< 5	5	18	0.23	< 10	< 10	42	< 10	74
RL039	301639	205	294	< 1	0.02	4	220	1215	< 5	2	34	0.09	< 10	< 10	12	10	2820
RL040	301640	205	294	< 1	< 0.01	5	60	206	< 5	1	4	0.02	< 10	< 10	3	< 10	212

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

131 FIELDING RD., P.O. BOX 700
LIVELY, ON
P0M 2E0

Project : RLOP91-069
Comments: ATTN: H. TRACONELLI

Page Number :2-A
Total Pages :2
Certificate Date: 02-JUL-91
Invoice No. :19116727
P.O. Number

CERTIFICATE OF ANALYSIS A9116727

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm Aqua R	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
RL041	301641	205 294	< 5	< 0.2	1.66	10	10	< 0.5	< 2	2.12	< 0.5	1	91	6	1.54	< 10	< 1	0.05	< 10	0.08	220
RL042	301642	205 294	< 5	1.4	1.11	100	10	< 0.5	4	4.06	< 0.5	203	76	468	>15.00	< 10	< 1	< 0.01	< 10	0.02	1150
RL043	301643	205 294	< 5	< 0.2	0.94	5	< 10	< 0.5	< 2	1.32	< 0.5	1	222	15	4.70	< 10	< 1	< 0.01	< 10	0.02	360
RL044	301644	205 294	< 5	1.0	1.26	< 5	30	5.5	4	4.60	6.0	9	96	27	1.59	< 10	< 1	0.02	< 10	0.15	2670

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

131 FIELDING RD., P.O. BOX 700
LIVELY, ON
P0M 2E0

Project : RLOP91-069
Comments: ATTN: H. TRACONELLI

Certificate Date: 02-JUL-91
Invoice No. :I9116727
P.O. Number :

CERTIFICATE OF ANALYSIS A9116727

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
RL041 301641	205 294	3	< 0.01	7	530	8	< 5	2	187	0.16	< 10	< 10	22	< 10	18
RL042 301642	205 294	< 1	< 0.01	157	100	220	< 5	2	64	0.07	< 10	< 10	8	< 50	72
RL043 301643	205 294	3	0.03	8	130	16	< 5	1	61	0.11	< 10	< 10	13	< 10	16
RL044 301644	205 294	1	0.01	13	170	1560	< 5	2	88	0.11	< 10	< 10	12	< 10	1400

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

131 FIELDING RD., P.O. BOX 700
LIVELY, ON
P0M 2E0

Project : RLOP91-069
Comments: ATTN: H. TRACONELLI

Certificate Date: 02-JUL-91
Invoice No. :19116727
P.O. Number :

CERTIFICATE OF ANALYSIS A9116727

SAMPLE DESCRIPTION		PREP CODE		Au ppb FA+AA	Ag ppm Aqua R	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
RL001	301601	205	294	< 5	< 0.2	1.64	5	60	< 0.5	< 2	0.31	< 0.5	16	143	11	2.98	< 10	< 1	0.42	< 10	1.17	150
RL002	301602	205	294	< 5	< 0.2	0.31	< 5	20	< 0.5	< 2	0.08	< 0.5	1	229	6	0.24	< 10	< 1	0.18	< 10	0.05	10
RL003	301603	205	294	< 5	< 0.2	2.54	10	50	< 0.5	< 2	0.92	< 0.5	23	51	76	4.97	< 10	1	0.62	< 10	1.74	590
RL004	301604	205	294	< 5	< 0.2	0.43	< 5	20	< 0.5	< 2	0.08	< 0.5	< 1	218	7	0.46	< 10	1	0.15	< 10	0.18	115
RL005	301605	205	294	< 5	< 0.2	3.40	10	40	1.0	< 2	10.30	1.0	10	135	< 1	1.27	< 10	< 1	< 0.01	< 10	0.02	3990
RL006	301606	205	294	< 5	< 0.2	2.03	< 5	20	0.5	< 2	6.53	1.0	7	135	20	3.31	< 10	< 1	< 0.01	< 10	0.03	2970
RL007	301607	205	294	< 5	< 0.2	1.51	< 5	30	2.5	2	3.98	< 0.5	25	77	135	5.17	< 10	< 1	< 0.01	< 10	0.03	1905
RL008	301608	205	294	< 5	< 0.2	0.95	< 5	20	0.5	< 2	1.44	< 0.5	4	107	46	1.31	< 10	< 1	0.04	< 10	0.19	240
RL009	301609	205	294	< 5	< 0.2	1.28	5	50	< 0.5	< 2	0.07	< 0.5	< 1	175	5	0.86	< 10	1	0.22	10	1.20	165
RL010	301610	205	294	< 5	< 0.2	1.62	< 5	100	< 0.5	< 2	0.60	< 0.5	14	194	44	3.84	< 10	< 1	1.21	< 10	1.54	600
RL011	301611	205	294	< 5	< 0.2	0.74	< 5	70	< 0.5	< 2	0.17	< 0.5	4	124	56	13.65	< 10	< 1	0.62	< 10	0.56	505
RL012	301612	205	294	< 5	< 0.2	0.35	5	20	0.5	< 2	>15.00	< 0.5	8	41	3	1.03	< 10	< 1	0.14	< 10	0.24	3750
RL013	301613	205	294	< 5	< 0.2	0.16	5	< 10	< 0.5	< 2	>15.00	< 0.5	5	18	2	0.57	< 10	< 1	0.04	< 10	0.21	4320
RL014	301614	205	294	< 5	< 0.2	0.25	< 5	10	< 0.5	< 2	14.65	< 0.5	12	62	5	1.25	< 10	1	0.10	< 10	0.21	2750
RL015	301615	205	294	< 5	0.6	0.51	< 5	20	< 0.5	< 2	2.95	0.5	41	136	79	>15.00	< 10	< 1	0.16	< 10	0.34	1255
RL016	301616	205	294	10	< 0.2	0.29	< 5	< 10	< 0.5	< 2	>15.00	1.0	12	28	2	1.15	< 10	< 1	0.04	< 10	0.27	3050
RL017	301617	205	294	< 5	< 0.2	0.17	< 5	< 10	< 0.5	2	>15.00	< 0.5	8	34	5	0.82	< 10	< 1	0.03	< 10	0.20	3380
RL018	301618	205	294	5	< 0.2	0.28	10	10	< 0.5	< 2	>15.00	1.5	14	32	3	1.59	< 10	< 1	0.07	< 10	0.24	2910
RL019	301619	205	294	< 5	3.4	1.03	< 5	30	< 0.5	12	1.50	13.0	18	133	58	7.61	< 10	< 1	0.13	10	0.39	2150
RL020	301620	205	294	< 5	< 0.2	0.01	< 5	< 10	< 0.5	< 2	>15.00	< 0.5	3	4	1	0.43	< 10	< 1	< 0.01	< 10	0.03	2550
RL021	301621	205	294	< 5	< 0.2	0.30	< 5	< 10	< 0.5	< 2	14.20	< 0.5	4	27	4	0.81	< 10	< 1	0.05	< 10	0.25	1590
RL022	301622	205	294	< 5	< 0.2	1.27	< 5	40	< 0.5	< 2	0.64	1.0	15	233	29	3.84	< 10	< 1	0.20	20	1.02	590
RL023	301623	205	294	< 5	< 0.2	2.98	< 5	10	< 0.5	< 2	1.40	< 0.5	9	151	8	5.90	< 10	< 1	0.01	< 10	2.56	865
RL024	301624	205	294	< 5	< 0.2	0.79	10	20	< 0.5	< 2	0.33	< 0.5	10	201	14	1.87	< 10	< 1	0.08	10	0.76	415
RL025	301625	205	294	< 5	0.4	0.48	285	20	< 0.5	< 2	0.06	< 0.5	35	203	5	>15.00	< 10	< 1	0.11	< 10	0.13	105
RL026	301626	205	294	< 5	< 0.2	1.76	10	20	< 0.5	< 2	1.59	< 0.5	20	143	46	3.33	< 10	< 1	0.12	< 10	1.14	515
RL027	301627	205	294	< 5	< 0.2	1.05	5	20	< 0.5	< 2	0.25	< 0.5	4	198	49	3.16	< 10	< 1	0.06	10	0.69	335
RL028	301628	205	294	< 5	0.6	0.41	380	20	< 0.5	< 2	0.04	< 0.5	34	167	6	>15.00	< 10	< 1	0.10	< 10	0.10	90
RL029	301629	205	294	< 5	0.6	0.26	405	20	< 0.5	< 2	0.01	< 0.5	19	135	< 1	>15.00	< 10	< 1	0.09	< 10	0.03	5
RL030	301630	205	294	< 5	< 0.2	0.58	5	10	< 0.5	< 2	0.31	< 0.5	18	170	32	2.85	< 10	< 1	0.05	20	0.46	250
RL031	301631	205	294	< 5	< 0.2	0.99	< 5	30	< 0.5	< 2	0.43	1.0	23	185	65	2.57	< 10	< 1	0.61	20	0.70	300
RL032	301632	205	294	< 5	< 0.2	2.42	10	10	1.5	< 2	9.27	1.0	3	108	3	2.00	< 10	< 1	< 0.01	< 10	0.14	2410
RL033	301633	205	294	< 5	1.4	1.90	15	10	4.0	2	3.92	8.0	5	164	20	1.28	< 10	< 1	< 0.01	< 10	0.18	1090
RL034	301634	205	294	< 5	< 0.2	0.91	5	20	< 0.5	< 2	1.47	< 0.5	4	124	50	2.34	10	< 1	0.06	40	0.06	120
RL035	301635	205	294	< 5	2.2	0.83	< 5	40	1.5	8	3.51	6.0	7	62	21	1.61	< 10	< 1	< 0.01	< 10	0.25	2680
RL036	301636	205	294	< 5	< 0.2	1.03	< 5	< 10	< 0.5	< 2	1.50	< 0.5	11	166	135	5.22	< 10	< 1	< 0.01	< 10	0.10	230
RL037	301637	205	294	< 5	< 0.2	1.85	5	10	6.0	2	>15.00	4.5	3	58	8	0.88	< 10	< 1	< 0.01	< 10	0.31	4380
RL038	301638	205	294	< 5	< 0.2	1.64	5	40	< 0.5	< 2	0.44	< 0.5	8	188	17	2.62	< 10	< 1	0.36	20	1.10	470
RL039	301639	205	294	< 5	< 0.2	1.17	< 5	10	1.0	< 2	8.62	10.0	3	76	6	1.08	< 10	< 1	0.05	< 10	0.13	2800
RL040	301640	205	294	< 5	0.4	2.08	15	10	1.5	< 2	13.10	< 0.5	4	92	2	0.52	< 10	< 1	< 0.01	< 10	0.09	2810

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC. *

131 FIELDING RD., P.O. BOX 700
LIVELY, ON
P0M 2E0

Project : RLOP91-069
Comments: ATTN: H. TRACONELLI

Page Number :1-B
Total Pages :2
Certificate Date: 02-JUL-91
Invoice No. :I9116727
P.O. Number :

CERTIFICATE OF ANALYSIS A9116727

SAMPLE DESCRIPTION		PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
RL001	301601	205	294	2	0.04	47	410	10	< 5	3	6	0.10	< 10	< 10	25	10	50
RL002	301602	205	294	< 1	0.04	8	30	2	< 5	< 1	2	< 0.01	< 10	< 10	1	< 10	2
RL003	301603	205	294	< 1	0.04	30	300	< 2	< 5	7	24	0.26	< 10	< 10	132	20	74
RL004	301604	205	294	< 1	0.06	9	90	4	< 5	< 1	1	0.02	< 10	< 10	5	< 10	4
RL005	301605	205	294	< 1	< 0.01	10	190	204	< 5	2	17	0.04	< 10	< 10	9	< 10	158
RL006	301606	205	294	< 1	0.01	13	200	446	< 5	2	58	0.12	< 10	< 10	10	20	134
RL007	301607	205	294	4	< 0.01	23	150	70	< 5	1	112	0.07	< 10	< 10	10	20	60
RL008	301608	205	294	< 1	< 0.01	19	350	10	< 5	5	53	0.22	< 10	< 10	41	< 10	16
RL009	301609	205	294	< 1	0.02	10	20	2	< 5	< 1	2	0.01	< 10	< 10	< 1	< 10	40
RL010	301610	205	294	< 1	0.07	28	270	24	< 5	8	28	0.27	< 10	< 10	80	20	90
RL011	301611	205	294	< 1	0.04	13	300	12	< 5	3	18	0.21	< 10	< 10	44	40	38
RL012	301612	205	294	< 1	0.01	16	20	16	< 5	1	66	0.01	< 10	< 10	2	10	118
RL013	301613	205	294	< 1	0.01	10	20	20	< 5	1	110	< 0.01	< 10	< 10	1	< 10	22
RL014	301614	205	294	< 1	0.02	37	250	10	< 5	1	79	0.03	< 10	< 10	4	< 10	38
RL015	301615	205	294	< 1	0.02	67	110	28	< 5	2	14	0.04	< 10	< 10	11	50	114
RL016	301616	205	294	< 1	0.01	16	40	338	< 5	1	83	< 0.01	< 10	< 10	3	10	210
RL017	301617	205	294	< 1	0.01	15	40	44	< 5	1	87	0.01	< 10	< 10	3	< 10	72
RL018	301618	205	294	2	0.01	23	50	366	< 5	1	73	0.01	< 10	< 10	2	10	258
RL019	301619	205	294	< 1	0.03	30	290	1220	< 5	4	8	0.08	< 10	< 10	17	30	1680
RL020	301620	205	294	< 1	< 0.01	3	< 10	152	< 5	< 1	66	< 0.01	< 10	< 10	< 1	< 10	12
RL021	301621	205	294	1	0.01	20	50	12	< 5	2	43	0.04	< 10	< 10	3	10	10
RL022	301622	205	294	< 1	0.05	32	530	158	< 5	7	7	0.22	< 10	< 10	47	10	248
RL023	301623	205	294	< 1	0.09	27	360	2	< 5	23	27	0.42	< 10	< 10	161	30	60
RL024	301624	205	294	< 1	0.06	15	430	6	< 5	7	3	0.16	< 10	< 10	40	< 10	22
RL025	301625	205	294	< 1	0.03	31	140	22	< 5	2	1	< 0.01	< 10	< 10	10	< 50	40
RL026	301626	205	294	< 1	0.17	46	230	8	< 5	12	18	0.20	< 10	< 10	86	10	72
RL027	301627	205	294	< 1	0.04	7	410	56	< 5	4	12	0.18	< 10	< 10	36	< 10	56
RL028	301628	205	294	< 1	0.02	38	40	26	< 5	2	1	< 0.01	< 10	< 10	6	< 50	56
RL029	301629	205	294	< 1	0.01	37	< 10	22	< 5	1	< 1	< 0.01	< 10	< 10	3	< 50	42
RL030	301630	205	294	< 1	0.06	19	430	34	< 5	6	3	0.14	< 10	< 10	44	10	90
RL031	301631	205	294	< 1	0.08	31	480	20	< 5	8	29	0.17	< 10	< 10	51	10	284
RL032	301632	205	294	< 1	< 0.01	5	130	346	< 5	1	119	0.06	< 10	< 10	12	10	364
RL033	301633	205	294	5	0.01	9	370	1150	< 5	3	140	0.19	< 10	< 10	34	< 10	1380
RL034	301634	205	294	< 1	0.03	15	1570	14	< 5	3	227	0.20	< 10	< 10	27	10	22
RL035	301635	205	294	< 1	0.01	10	150	930	< 5	1	71	0.09	< 10	< 10	8	10	1020
RL036	301636	205	294	< 1	< 0.01	35	420	12	< 5	2	123	0.17	< 10	< 10	20	20	24
RL037	301637	205	294	< 1	0.01	5	20	472	< 5	1	14	0.03	< 10	< 10	5	10	1325
RL038	301638	205	294	2	0.05	15	500	6	< 5	5	18	0.23	< 10	< 10	42	< 10	74
RL039	301639	205	294	< 1	0.02	4	220	1215	< 5	2	34	0.09	< 10	< 10	12	10	2820
RL040	301640	205	294	< 1	< 0.01	5	60	206	< 5	1	4	0.02	< 10	< 10	3	< 10	212

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

131 FIELDING RD., P.O. BOX 700
LIVELY, ON
P0M 2E0

Project : RLOP91-069
Comments: ATTN: H. TRACONELLI

Page Number :2-A
Total Pages :2
Certificate Date: 02-JUL-91
Invoice No. :A9116727
P.O. Number

CERTIFICATE OF ANALYSIS A9116727

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm Aqua R	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
RL041	301641	205 294	< 5	< 0.2	1.66	10	10	< 0.5	< 2	2.12	< 0.5	1	91	6	1.54	< 10	< 1	0.05	< 10	0.08	220
RL042	301642	205 294	< 5	1.4	1.11	100	10	< 0.5	4	4.06	< 0.5	203	76	468	>15.00	< 10	< 1	< 0.01	< 10	0.02	1150
RL043	301643	205 294	< 5	< 0.2	0.94	5	< 10	< 0.5	< 2	1.32	< 0.5	1	222	15	4.70	< 10	< 1	< 0.01	< 10	0.02	360
RL044	301644	205 294	< 5	1.0	1.26	< 5	30	5.5	4	4.60	6.0	9	96	27	1.59	< 10	< 1	0.02	< 10	0.15	2670

CERTIFICATION: B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

131 FIELDING RD., P.O. BOX 700
LIVELY, ON
P0M 2E0

Project : RLOP91-069
Comments: ATTN: H. TRACONELLI

Page Number :2-B
Total Pages :2
Certificate Date: 02-JUL-91
Invoice No. :19116727
P.O. Number :

CERTIFICATE OF ANALYSIS A9116727

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
RL041 301641	205	294	3	< 0.01	7	530	8	< 5	2	187	0.16	< 10	< 10	22	< 10	18
RL042 301642	205	294	< 1	< 0.01	157	100	220	< 5	2	64	0.07	< 10	< 10	8	< 50	72
RL043 301643	205	294	3	0.03	8	130	16	< 5	1	61	0.11	< 10	< 10	13	< 10	16
RL044 301644	205	294	1	0.01	13	170	1560	< 5	2	88	0.11	< 10	< 10	12	< 10	1400

CERTIFICATION: B. Caglioni

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

131 FIELDING RD., P.O. BOX 700
LIVELY, ON
P0M 2E0

Project : 91-5000-004-RL
Comments: ATTN: HAROLD TRACANELLI

Page Number :1
Total Pages :1
Certificate Date: 15-NOV-91
Invoice No. :I9124609
P.O. Number [redacted]22
Account [redacted]P

CERTIFICATE OF ANALYSIS A9124609

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm Aqua R	Cu ppm	Pb ppm	Zn ppm					
301853	205 294	< 5	0.2	250	2	14					
301854	205 294	< 5	< 0.2	112	< 1	18					
301855	205 294	15	8.0	-----	1120	240					
301856	205 294	20	0.3	1050	-----	-----					
301857	205 294	10	< 0.2	65	-----	-----					
301858	205 294	15	< 0.2	2120	-----	-----					
301901	205 294	< 5	0.6	133	940	1250					
301902	205 294	< 5	-----	-----	-----	-----					
301903	205 294	< 5	-----	-----	-----	-----					
301904	205 294	10	0.5	162	124	20					
301905	205 294	< 5	1.4	156	1100	1500					
301906	205 294	< 5	1.5	59	2100	2600					
301908	205 294	< 5	-----	-----	-----	-----					
301909	205 294	< 5	-----	-----	-----	-----					
301911	205 294	5	1.6	50	2000	2850					
301912	205 294	< 5	-----	-----	-----	-----					
301913-350A	205 294	5	-----	-----	-----	-----					
301914-350B	205 294	20	-----	-----	-----	-----					
301915-350C	205 294	40	< 0.2	690	4	7					
301916-350D	205 294	30	< 0.2	490	2	6					
301917-350E	205 294	40	-----	-----	-----	-----					
301918-HJTM	205 294	50	< 0.2	12	16	63					
301919-HJTM AGL	205 294	< 5	-----	-----	-----	-----					
301920-HJTA	205 294	< 5	< 0.2	24	7	13					
301921-HJTB	205 294	< 5	< 0.2	90	3	10					
301922-HJT02	205 294	< 5	0.2	80	15	20					
301923-HJT01	205 294	< 5	0.2	33	1100	1900					
301924-014	205 294	< 5	0.2	200	13	90					
301925	205 294	< 5	1.3	27	2000	4000					
301926	205 294	< 5	< 0.2	47	8	45					
301927	205 294	< 5	< 0.2	68	5	23					
301928	205 294	< 5	2.7	6	2500	3000					
301929	205 294	< 5	-----	-----	-----	-----					
301930	205 294	< 5	1.5	5	2700	3400					
301931	205 294	< 5	1.8	17	4700	4000					
301932	205 294	< 5	0.2	32	71	192					
301933	205 294	5	0.3	170	225	140					
301934	205 294	< 5	-----	-----	-----	-----					

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

131 FIELDING RD., P.O. BOX 700
LIVELY, ON
P0M 2E0

Project : 91-5000-004-RL
Comments: ATTN: H. TRACANELLI

Page Number :1
Total Pages :1
Certificate Date: 21-NOV-91
Invoice No. :19124610
P.O. Number [redacted]522
Account [redacted]MP

CERTIFICATE OF ANALYSIS A9124610

SAMPLE	PREP CODE		Al2O3 %	BaO %	CaO %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %	
301901	299	200	6.30	< 0.01	30.72	20.55	0.02	0.16	0.25	< 0.01	0.66	38.41	0.13	1.58	98.80	

CERTIFICATION: [signature]

Ministry of Northern Development and Mines
Ontario

Temiskaming Testing Laboratories

P.O. Box 799
Presley St.
Cobalt, Ontario
P0J 1C0
(705) 679-8313

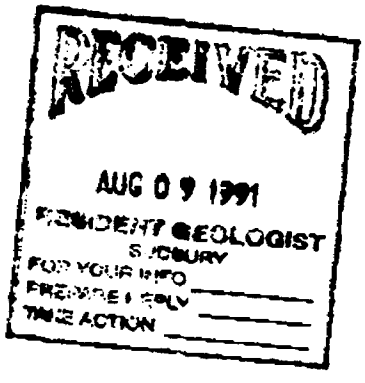
Report Number
CB 11801

Laboratory Report

Date Aug. 7, 1991

Issued To: Mike Cosec, MNDM, 4th Floor, 159 Cedar Street, Sudbury, Ont. P3E 6A5

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	Cu Ppm	Pb Ppm	Zn Ppm	Ni Ppm	
MC-91-18 (b)	Nil						
MC-91-19	Trace		67	20	93		
MC-91-21	Trace						sulphide zone Holstrom Pit
MC-91-22	0.003	1.67	116	<10	102	121	
MC-91-23	Nil		21	<10	94		
MC-91-24	Nil						



Fees Received Charged Cost Code #04-3427-04

L. McNaught for J. Ireland
Manager
(Acting)

APPENDIX II

ANALYTICAL PROCEDURES

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
450 Matheson Blvd.,E., Unit 54, Mississauga,
Ontario, Canada L4Z 1R5
PHONE: 416-890-0310

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

A9017186

Comments: ATTN: H. TRACANELLI

CERTIFICATE A9017186

BHARTI ENGINEERING ASSOCIATES INC.

Project: 90-6000-004
P.O. # : 1167

Samples submitted to our lab in Mississauga, ON.
This report was printed on 25-JUN-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	20	Geochem ring to approx 150 mesh
294	20	Crush and split (0-10 pounds)

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	20	Au ppb: Fuse 30 g sample	FA-AAS	5	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
450 Matheson Blvd.,E., Unit 54, Mississauga,
Ontario, Canada L4Z 1R5
PHONE: 416-890-0310

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

A9017187

Comments: ATTN: H. TRACANELLI

CERTIFICATE A9017187

BHARTI ENGINEERING ASSOCIATES INC.

Project: 90-6000-004
P.O. # : 1167

Samples submitted to our lab in Mississauga, ON.
This report was printed on 26-JUN-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	5	Sample split from other certif
232	5	PERCHLORIC-NITRIC-HYDROFLUORIC D

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
578	5	Ag ppm: 24 element, rock & core	AAS	0.5	200
573	5	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	5	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	5	Be ppm: 24 element, rock & core	ICP-AES	0.5	10000
561	5	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	5	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	5	Cd ppm: 24 element, rock & core	ICP-AES	0.5	10000
563	5	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	5	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	5	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	5	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	5	K %: 24 element, rock & core	ICP-AES	0.01	20.0
570	5	Mg %: 24 element, rock & core	ICP-AES	0.01	20.0
568	5	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	5	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	5	Na %: 24 element, rock & core	ICP-AES	0.01	5.00
564	5	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	5	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	5	Pb ppm: 24 element, rock & core	ICP-AES	2	10000
582	5	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	5	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	5	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	5	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	5	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
450 Matheson Blvd.,E., Unit 54, Mississauga,
Ontario, Canada L4Z 1R5
PHONE: 416-890-0310

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

A9017188

Comments: ATTN: H. TRACANELLI

CERTIFICATE A9017188

BHARTI ENGINEERING ASSOCIATES INC.

Project: 90-6000-004
P.O. # : 1167

Samples submitted to our lab in Mississauga, ON.
This report was printed on 27-JUN-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	1	Geochem ring to approx 150 mesh
294	1	Crush and split (0-10 pounds)
299	2	Sample split from other certif
200	3	Whole rock fusion
* NOTE	1:	

Code 1000 is used for repeat gold analyses
It shows typical sample variability due to coarse gold effects. Each value is correct for its particular subsample.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
594	3	Al203 %: Whole rock	ICP-AES	0.01	99.00
542	3	BaO %: Whole rock	ICP-AES	0.01	99.00
588	3	CaO %: Whole rock	ICP-AES	0.01	99.00
586	3	Fe203(total) %: Whole rock	ICP-AES	0.01	99.00
821	3	K20 %: Whole rock	ICP-AES	0.01	99.0
593	3	MgO %: Whole rock	ICP-AES	0.01	99.00
596	3	MnO %: Whole rock	ICP-AES	0.01	99.00
599	3	Na20 %: Whole rock	ICP-AES	0.01	99.00
597	3	P205 %: Whole rock	ICP-AES	0.01	99.00
592	3	Si02 %: Whole rock	ICP-AES	0.01	99.00
595	3	Ti02 %: Whole rock	ICP-AES	0.01	99.00
475	3	L.O.I. %: Loss on ignition	FURNACE	0.01	99.00
540	3	Total %	CALCULATION	0.01	N/A

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

A9116122

Comments: ATTN: H. TRACANELLI

CERTIFICATE A9116122

BHARTI ENGINEERING ASSOCIATES INC.

Project: RLOP91-069-"C"
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 24-JUN-91.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	120	Dry, sieve to -80 mesh
298	120	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	120	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
922	120	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
921	120	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
923	120	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	120	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	120	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	120	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	120	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	120	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	120	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	120	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	120	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	120	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	120	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	120	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	120	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	120	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	120	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	120	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
938	120	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	120	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	120	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	120	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	120	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	120	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	120	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
944	120	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	120	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	120	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	120	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	120	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	120	W ppm: 32 element, soil & rock	ICP-AES	10	10000
950	120	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

A9116123

Comments: ATTN: H. TRACANELLI

CERTIFICATE A9116123

BHARTI ENGINEERING ASSOCIATES INC.

Project: RLOP91-069-"C"
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 17-JUN-91.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	121	Dry, sieve to -80 mesh
298	121	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	121	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
922	121	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
921	121	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
923	121	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	121	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	121	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	121	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	121	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	121	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	121	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	121	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	121	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	121	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	121	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	121	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	121	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	121	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	121	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	121	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
938	121	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	121	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	121	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	121	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	121	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	121	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	121	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
944	121	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	121	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	121	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	121	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	121	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	121	W ppm: 32 element, soil & rock	ICP-AES	10	10000
950	121	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

A9116124

Comments: ATTN: H. TRACANELLI

CERTIFICATE A9116124

BHARTI ENGINEERING ASSOCIATES INC.

Project: RLOP91-069-"C"
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 18-JUN-91.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	162	Dry, sieve to -80 mesh
298	162	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	162	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
922	162	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
921	162	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
923	162	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	162	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	162	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	162	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	162	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	162	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	162	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	162	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	162	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	162	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	162	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	162	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	162	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	162	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	162	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	162	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
938	162	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	162	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	162	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	162	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	162	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	162	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	162	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
944	162	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	162	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	162	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	162	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	162	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	162	W ppm: 32 element, soil & rock	ICP-AES	10	10000
950	162	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

A9116125

Comments: ATTN: H. TRACANELLI

CERTIFICATE A9116125

BHARTI ENGINEERING ASSOCIATES INC.

Project: RLOP91-069-H"
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 18-JUN-91.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
217	55	Geochem ring entire sample
298	55	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	55	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
922	55	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
921	55	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
923	55	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	55	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	55	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	55	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	55	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	55	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	55	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	55	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	55	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	55	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	55	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	55	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	55	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	55	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	55	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	55	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
938	55	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	55	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	55	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	55	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	55	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	55	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	55	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
944	55	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	55	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	55	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	55	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	55	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	55	W ppm: 32 element, soil & rock	ICP-AES	10	10000
950	55	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

131 FIELDING RD., P.O. BOX 700
LIVELY, ON
P0M 2E0

A9116727

Comments: ATTN: H. TRACONELLI

CERTIFICATE A9116727

BHARTI ENGINEERING ASSOCIATES INC.

Project: RLOP91-069
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 2-JUL-91.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	44	Geochem ring to approx 150 mesh
294	44	Crush and split (0-10 pounds)
298	44	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	44	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
6	44	Ag ppm: HNO3-aqua regia digest	AAS-BKGD CORR	0.2	100.0
921	44	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
923	44	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	44	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	44	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	44	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	44	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	44	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	44	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	44	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	44	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	44	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	44	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	44	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	44	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	44	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	44	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	44	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
938	44	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	44	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	44	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	44	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	44	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	44	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	44	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
944	44	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	44	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	44	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	44	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	44	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	44	W ppm: 32 element, soil & rock	ICP-AES	10	10000
950	44	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

1009 LASALLE BLVD. P.O.BOX 2336
SUDBURY, ON
P3A 4S8

A9116125

Comments: ATTN: H. TRACANELLI

CERTIFICATE A9116125

BHARTI ENGINEERING ASSOCIATES INC.

Project: RLOP91-069-H"
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 27-JUN-91.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
217	55	Geochem ring entire sample
298	55	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	55	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
922	55	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
921	55	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
923	55	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	55	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	55	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	55	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	55	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	55	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	55	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	55	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	55	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	55	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	55	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	55	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	55	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	55	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	55	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	55	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
938	55	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	55	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	55	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	55	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	55	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	55	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	55	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
944	55	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	55	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	55	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	55	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	55	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	55	W ppm: 32 element, soil & rock	ICP-AES	10	10000
950	55	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

131 FIELDING RD., P.O. BOX 700
LIVELY, ON
P0M 2E0

A9124609

Comments: ATTN: HAROLD TRACANELLI

CERTIFICATE A9124609

BHARTI ENGINEERING ASSOCIATES INC.

Project: 91-5000-004-RL
P.O. # : 1522

Samples submitted to our lab in Mississauga, ON.
This report was printed on 15-NOV-91.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	38	Geochem ring to approx 150 mesh
294	38	Crush and split (0-10 pounds)
238	27	NITRIC-AQUA REGIA DIGESTION

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	38	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
6	27	Ag ppm: HNO3-aqua regia digest	AAS-BKGD CORR	0.2	100.0
2	26	Cu ppm: HNO3-aqua regia digest	AAS	1	10000
4	24	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	24	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

To: BHARTI ENGINEERING ASSOCIATES INC.

131 FIELDING RD., P.O. BOX 700
LIVELY, ON
P0M 2E0

A9124610

Comments: ATTN: H. TRACANELLI

CERTIFICATE A9124610

BHARTI ENGINEERING ASSOCIATES INC.

Project: 91-5000-004-RL
P.O. # : 1522

Samples submitted to our lab in Mississauga, ON.
This report was printed on 21-NOV-91.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	1	Sample split from other certif
200	1	Whole rock fusion
* NOTE	1:	

Code 1000 is used for repeat gold analyses
It shows typical sample variability due to coarse gold effects. Each value is correct for its particular subsample.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
594	1	Al2O3 %: Whole rock	ICP-AES	0.01	99.99
542	1	BaO %: Whole rock	ICP-AES	0.01	99.99
588	1	CaO %: Whole rock	ICP-AES	0.01	99.99
586	1	Fe2O3(total) %: Whole rock	ICP-AES	0.01	99.99
821	1	K2O %: Whole rock	ICP-AES	0.01	99.99
593	1	MgO %: Whole rock	ICP-AES	0.01	99.99
596	1	MnO %: Whole rock	ICP-AES	0.01	99.99
599	1	Na2O %: Whole rock	ICP-AES	0.01	99.99
597	1	P2O5 %: Whole rock	ICP-AES	0.01	99.99
592	1	SiO2 %: Whole rock	ICP-AES	0.01	99.99
595	1	TiO2 %: Whole rock	ICP-AES	0.01	99.99
475	1	L.O.I. %: Loss on ignition	FURNACE	0.01	99.99
540	1	Total %	CALCULATION	0.01	105.00

APPENDIX III

RICHARDSON LAKE PROPERTY OPAP EXPENDITURES

The following procedures were carried out for which certain expenditures were incurred during 1991 relating to the Richardson Lake Geochemistry Program.

	Procedure Carried Out	Allowable-Claimed OPAP Expenditures for the Program	Actual Expenditures Incurred
1.	Assaying	$7,644.84	$7,644.84
2.	Shipping	$75.21	$75.21
3.	"C" Θ soil sampling Harold Tracanelli, geologist Pierre Noel, geologist May 11, 12, 13, 1991 $100.00/man @ 6 mandays	$600.00	$600.00
4.	Contractual macroscopic sample identification work Ygor Tchajkov, Geologist June 14, 1991 (See Appendix V for details)	$200.00	$200.00
5.	In-house drafting services by Bharti Engineering Associates Inc. staff, for work carried out on the BLMI Richardson Lake Property		
a)	Shaun McGlade, Senior Draftsman • supervision • AutoCAD drafting 20 hrs x $45.00/hr	$300.00	$900.00
b)	Mary Burke, Junior Draftsman • AutoCAD drafting • data plotting, blueprinting 148.5 hrs. x $35.00/hr	$1,176.95	$5,917.50
TOTAL		$9,997.00	$14,617.55

Allowable OPAP expenditures	$9,997.00
Upfront payment - July 9, 1991	$4,999.00
Balance of grant owing upon approval of program report	$4,998.00

The dollar figures listed below "Actual Expenditures Incurred" will be broken down and used as assessment credits to be applied before May 1992.

The amount of money spent on the geochemical program will ensure that an additional 9.14 years of credit can be applied to credits already approved on the four mining claims in question.

It is my understanding that I will be unable to recover the cost difference of $4,620.55 being the difference between $9,997.00 and $14,617.55 under the present OPAP system.

I will only expect to receive the $4,998.00 being the second portion of the OPAP OP91-069 grant.

Summarization of Assaying Expenditures

Geochemical assaying of soils and rocks by Chemex Labs Ltd. invoice data.
Work charged to Bharti Engineering Associates Inc. (BLMI) Box 700, Lively, Ontario, POM 2EO, Code 91-5000-004, Richardson Lake Property, Rhodes Township, 1991.

Invoice No.	Date	No. of Samples Identified on Invoice	GST	Total Charges per Invoice inc. GST
I 9116122	24 06 91	120	$105.00	$1,605.00
I 9116123	17 06 91	121	$105.88	$1,618.38
I 9116124	18 06 91	162	$141.75	$2,166.75
I 9116125	18 06 91	55	$51.40	$785.65
I 9116127	02 07 91	44	$48.82	$746.22
I 9180484	27 06 91	55	($17.32)	($264.82)
I 9124609	24 11 91	33	$45.89	$701.44
I 9124610	21 11 91	1	$1.40	$21.40
I 9180914	15 10 91	Shipping	$1.21	$18.46
13142163624	06 06 91	Shipping	$1.93	$27.50
13151342654	17 06 91	Shipping	$1.21	$17.25
*	October	Shipping	$0.84	$12.00
		Subtotal	$522.65	$7.984.87
		Less Lab Credit	($17.32)	($264.82)
		TOTAL	$505.33	$7,720.05

* Estimated bus parcel shipping costs. Packing slip and lab invoice are unavailable at this time.

APPENDIX IV

RECORDED TIME LOGS AND

DAILY REPORTS

The following pages are timesheets for those Bharti Engineering Associates Inc. personnel involved with the Richardson Lake Geochemistry Program indicating the number of hours spent and giving a brief description of the function undertaken. All records are stored at the BEA Lively, Ontario office for future reference. Those persons involved are listed below:

1) Harold Tracanelli, Geologist
2) Pierre Noel, Contract Geologist
3) Shaun McGlade, Senior Draftsman
4) Mary Burke, Junior Draftsman

BHARTI ENGINEERING ASSOCIATES INC.
SUDBURY, ONTARIO

WEEKLY TIME SHEET

WEEK NO. _____ NAME Harold Traconelli
Exploration Geologist

DAY/DATE	DESCRIPTION OF WORK	JOB CODE	TOTAL HOURS
Monday	8.00 am → 8:2x am Drive [illegible]		
Saturday May 11/91	8.00 am → 6.00 pm Mob Sand gear to Richardson Lake property, began conducting 'C' horizon soil geochem sample program	91-5000-004	10.0
Sunday May 12/91	8.00 am → 6.00 pm Second day of 'C' horizon soil geochem at the Richardson Lake property	91-5000-004	10.0

Soil Sample collection

BHARTI ENGINEERING ASSOCIATES INC.
SUDBURY, ONTARIO

WEEKLY TIME SHEET

WEEK NO. _____ NAME Harold Tracanelli
Exploration Geologist

DAY/DATE	DESCRIPTION OF WORK	JOB CODE	TOTAL HOURS
Monday May 13/91	8:00 am → 7:00 pm third and final day of "C" horizon soil geochem sampling of grid lines on the Richardson Lk. Property preliminary drafting of recorded recon geological data	91-5000-04	11.0

Soil sample collection

BHARTI ENGINEERING ASSOCIATES INC.

WEEKLY TIME SHEET

WEEK NO. _____ MONTH: _____ NAME: Pierre Noel
Assistant Ecologist

Day/Date	Description of Work	Job Code	Total Hours
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday May 11/91	9.00 am → 6.00 pm assisted in sample collection, packaging Note taking act	91-5000 004	10.00
Sunday May 12/91	9.00 am → 6.00 PM assisted in sample collection, packaging Note taking, packing out of Samples	91-5000 004	10.00

SUMMARY

Client Code	Total Hours	Client Code	Total Hours	Client Code	Total Hours

Soil Sample collection

BHARTI ENGINEERING ASSOCIATES INC.

WEEKLY TIME SHEET

WEEK NO. _____ MONTH: _____ NAME: Pierre Noel
assistant Geologist

Day/Date	Description of Work	Job Code	Total Hours
Monday May 13/91	8.00am → 7.00PM assisted in soil sample collection on grid lines. Packaging and note taking Field drafting of Preliminary recon data. ie: topography, Geology etc	91-5000 004	11.00
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

SUMMARY

Client Code	Total Hours	Client Code	Total Hours	Client Code	Total Hours

Soil Sample collection

BHARTI ASSOCIATES

TIME SHEET

NAME Shaum McGlade

MONTH October 1991

JOB (Client & Code)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
Richardson Lake 91-5000-004																														7	5.5	12.5

JOB (Client & Code)	Brief Description of Work Done	Grand Total 12.5
91-5000-004	Richardson Lake Drawings (Autocad) Preparation of Geochemical Drawings	

Signature

BHARTI ASSOCIATES

TIME SHEET

NAME Shaun McGlade

MONTH November 1991

JOB (Client & Code)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
Richardson Lake 91-5000-004	4.5				3																											7.5

JOB (Client & Code)	Brief Description of Work Done	Grand Total 7.5
91-5000-004	Richardson Lake Drawings (Autocad) Preparation of Geochemical Drawings	

Signature

BHARTI ASSOCIATES

TIME SHEET

NAME MARY BURKE

MONTH MARCH 91

JOB (Client & Code)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
Richardson Lake 91-5000-004																						0.25										0.25

JOB (Client & Code)	Brief Description of Work Done	Grand Total 0.25
91-5000-004	Richardson Lake drawings. (Autocad) Preparation of Geochemical Drawings	

M Burke
Signature

BHARTI ASSOCIATES

TIME SHEET

NAME MARY BURKE MONTH MAY 91

JOB (Client & Code)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
Richardson Lake 91-5000-004									3.75																							3.75

JOB (Client & Code)	Brief Description of Work Done	Grand Total 3.75
91-5000-004	Richardson Lake Drawings (Autocad) Preparation of Geochemical Drawings	

M Burke
Signature

BHARTI ASSOCIATES

TIME SHEET

NAME MARY BURKE MONTH JULY 91

JOB (Client & Code)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
Richardson Lake 91-5000-004															3.0	0.5																3.5

JOB (Client & Code)	Brief Description of Work Done	Grand Total 3.5
91-5000-004	Richardson Lake drawings (Autocad) Preparation of Geochemical drawings	

M Burke
Signature

BHARTI ASSOCIATES

TIME SHEET

NAME MARY BURKE MONTH August 91

JOB (Client & Code)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
Richardson Lake 91-5000-004																														4		4.0

JOB (Client & Code)	Brief Description of Work Done	Graad Total 4.0
91-5000-004	Richardson Lake drawings (Autocad) Preparation of Geochemical Drawings	

M Burke
Signature

BHARTI ASSOCIATES

TIME SHEET

NAME MARY BURKE

MONTH September 91

JOB (Client & Code)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
Richardson Lake 91-5000-004																	3	4														7.0

JOB (Client & Code)	Brief Description of Work Done	Grand Total 7.0
91-5000-004	Richardson Lake drawing (Autocad) Preparation of Geochemical Drawings	

M Burke
Signature

BHARTI ASSOCIATES

TIME SHEET

NAME MARY BURKE MONTH October 91

JOB (Client & Code)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
Richardson Lake 91-5000-004				1.5							1.5				6.5	1.5	6.5	6.5			0.5	1.0		3.0	7.5			7.5	7.0	4.0	6.0	54.5

JOB (Client & Code)	Brief Description of Work Done
91-5000-004	Richardson Lake drawing (Autocad) Preparation of Geochemical drawings

Grand Total 54.5

M Burke
Signature

BHARTI ASSOCIATES

TIME SHEET

NAME MARY BURKE MONTH November 91

JOB (Client & Code)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
Richardson Lake 91-5000-004	3.5			1.5	2		6.5				4		3					7.5			6.5	2.5				0.5	4.5	4.5	5			51.5

JOB (Client & Code)	Brief Description of Work Done	Grand Total 51.5
91-5000-004	Richardson Lake drawing (Autocad) Preparation of Geochemical drawings	

M Burke
Signature

BHARTI ASSOCIATES

TIME SHEET

NAME MARY BURKE

MONTH December 91

JOB (Client & Code)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
Richardson Lake 91-5000-004						7	8		3			6																				24.0

JOB (Client & Code)	Brief Description of Work Done
91-5000-004	Richardson Lake drawing (Autocad) Preparation of Geochemical drawings

Grand Total 24.0

M Burke
Signature

APPENDIX V

MACROSCOPIC RECONNAISSANCE ROCK SAMPLE EXAMINATION

BY YGOR TCHAJKOV, GEOLOGIST

During the ongoing collection of "C" horizon soil samples, outcroppings within close proximity to the grid lines were quickly but carefully examined in order to determine the basic geology of the surrounding area. If mineralization were encountered then a more concentrated effort would have been undertaken to strip off the moss and attempt to secure some fresh materials for further examination.

Due to these reconnaissance efforts a number of sulphide mineralization showings were identified and attempts were made to identify in the field the various rock type, sulphides, structures, etc.

In an attempt to secure a generalized second opinion on the basemetal sulphide minerals, rocktypes etc. the services of Ygor Tchajkov were requested. Ygor Tchjakov is a Russian trained geologist and has some experience in working within volcanic terrains in the Soviet Union. Ygor now resides in Sudbury, Ontario and has recently participated in assisting in the detailed geological mapping of central portions of the BLMI-Richardson Lake mining claims.

The following data presented is from the original notes produced by Y. Tchajkov in mid June of 1991. These same samples were re-examined later in the year and certain refinements were made after additional, more detailed field work had been carried out. The more detailed descriptions have been presented in the main text of this report.

RICHARDSON LAKE PROPERTY

The following is a macroscopic description of field samples collected during the recconnaisance geological investigations while undertaking the geochemical program over the grid lines.

RL001. Conglomerate. The matrix is a dark green medium-grained greywacke, with minor, i.e., not more than 0.5 volume percent disseminated pyrite and oxidized pyrite (galena?). The only pebble is a rounded clast of granite, the size of it about 2 x 3 cm.

RL002. The greenish-white medium grained quartzitic sandstone. The clasts are rounded. Without visible ore mineralization.

RL003. The greenish grey medium-grained gabbro (or diabaze) with disseminated pyrite and a very few chalcopyrite.

RL004. The greenish white with pinkish tint medium-grained quartzitic sandstone. The clasts are well rounded grains of quartz matrix (makes up to 40 percent of rock) is silicious.

RL005. The rock is heavy weathered. On fresh fracture-bluish grey fine-grained carbonate (dolomite) with minor chlorite and minor altered sulphides.

RL006. The heavy weathered rocks, highly altered carbonate with epidote, pyrhotite, pyrite and oxidized pyrite.

Among the fragments were also found:

a) quartzitic sandstone

b) highly silicified rock, probably chert

RL007. Heavy weathered rock. On fresh fracture green or greenish grey carbonate with epidote pyrite, hemotite and limonite.

RL008. Foliated green (epidotized) mafic rock (gabbro or amphibolite), +/- minor pyrite, with quartz veins up to 0.8 cm in thickness.

RL009. Greenish white rock. Originally porphyritic granodiorite, now sheared and altered to sericitic material. Agglomerate.

RL010. Grey felsic rock (cinder tuff or felsite) with very fine crystals of quartz and feldspar and micaceous interbols. Minor disseminated pyrite and (possible) manganese oxidation product were noted.

Some fragments are very siliceous, possibly chert.

RL011. Gossan. Rusty on surface but dark grey on fresh fracture chert, finely bonded. Highly leached out rock, on fresh fracture can be noted amphibole, quartz, magnetite, pyrite.

RL012. Greenish gray fine to medium-grained, massive recrystallized carbonate with pyrite, oxidized pyrite and hematite.

RL013. Bluish grey finely-banded carbonate with very fine bands of mica and chlorite.

RL014. Bluish grey finely-banded carbonate (dolomite) with find bands of mica and chlorite.

RL015. Heavy weathered rusty carbonate with pyrite (up to 20% of volume) and ;minor chalcopyrite.

RL016. Dark grey fine-grained micaceous carbonate (dolomite) +/- pyrite, with small veins of brown quartz which range in thickness from 0.1 to 0.5 cm.

RL017. Grey finely folded micaceous carbonate (dolomite), +/- disseminated pyrite.

RL018. White to grey finely folded carbonate (dolomite) +/- disseminated pryite.

RL019. Gossan. Heavy weathered grey carbonate.

RL020. White, partly pinkish-white very coarse-grained calcite sheared texture.

RL021. Dark grey, fine-grained dolomite, +/- oxidized pyrite, quartz veins (1-2 cm in thickness).

RL022. Dark grey, partly recrystallized rhyolite with disseminated pyrite and veins of pyrrhotite (up to 5%).

RL023. Dark green weakly foliated amphibolite.

RL024. Banded rhyolite flow (or tuff) with dark grey and pinkish-white bends, ranging in thickness from 0.2 to 0.5 cm.

RL025. Massive, dominantly pyrite (60-70%) rock with siliceous matrix (30-90%). Probably cinder type of minralization.

RL026. Dark grey medium-grained amphiboite, finely banded (originally a mafic tuff?) with folded veinlets of pink quartz (thickness 0.1-0.3 cm); pyrrhotite forms small lenses.

RL027. Cream grey rhyolite, flow-banded, sericite and carbonate alterations. Up to 2% disseminated pyrite and pyrrhotite.

RL028. Massive, dominantly pyrite, (70%) rock with siliceous (30%) matrix. Check for gold.

RL029. Massive, dominantly pryite, (70%) rock with siliceous (15%) matrix (15%).

RL030. Greenish grey rhyolite, flow banded, +/- secondary quartz and finely disseminated pyrite.

RL031. Grey massive rhyolite, flow banded, disseminated pyrite and locally pyrrhotite.

RL032. Altered light beige coloured massive rhyolite, some samples carry epidote alteration and altered pyrite and hematite.

RL033. Green-grey, partly epidotized massive rhyolite, +/- desseminated pyrite.

RL034. Green-grey, partly epidotized rhyolite (tuff), finely banded. In some samples leached out to white colour.

RL035. Dark green-grey epidotized rhyolite with minor pyrite and visible sphalerite.

RL036. Light green mineralized, quartzite, medium-garined, with disseminated pyrrhotite (5-10%) and pyrite (about 5%). Pyrite is secondary relative to pyrrhotite.

RL037. Spoty coloured pyroclastic rhyolitic material, which has fragmentary appearance. There are noted secondary quartz, amphibole, feldspar with small black crystal of oxide. Pale blue-white oxidation film possibly after galena but no visible crystals of galena are noted.

RL038. Grey rhyolite flow (or tuff) with disseminated minor pyrite, quartz veins are noted parallel to foliation (thickness 1-2 mm).

RL039. Light green beige coloured altered rhyolite with visible sphalerite and galena. One specimen (about 5 cm) of carbonate (secondary dolomite) with small amount of mica.

RL040. Light beig rhyolite, (tuff) flow banded with small epidote-chlorite mineralization. Quartz veins are seen parallel to foliation, thickness 0.1 - 0.2 cm.

RL041. Greenish-pinkish rhyolite heavy silicified, epidotized and chloritized, minor disseminated oxidized pyrite.

RL042. Rusty massive dominantly pyrite (60%) rock with siliceous matrix. The material is heavy oxidized, but in general very similar as samples RL025, RL028 and RL029.

RL043. Gossan. Heavy weathered leached out silicified rhyolite quartz-epidote vein was noted.

Y. Tchajkov
June 14, 1991

APPENDIX VI

350 VEIN SHOWING

While infinately more detailed studies were being carried out in the metavolcanic areas, a new and unusual sulphide bearing quartz vein was encountered in the Lorrain Formation Quartzites. Since there was little or no evidence of mineralized veins in the quartzite unit within the Richardson Lake area, the uncovering of the 350 vein certainly attracted some attention. The following data is a detailed description of the 350 vein showing.

350 VEIN SHOWING

The 350 Vein showing is situated at the main grid co-ordinates of 141 ft. north and 19 ft. east of 9+50W on Line 4 South, or more specifically at station 3+50N, Line 1 west on the newly cut orientation grid system.

The showing primarily consists of a 2 ft. wide quartz vein with sulphide mineralization, which was intruded along the contact between Lorrain Formation Quartzites and arkosic rocks.

The quartz vein was recently discovered while conducting line cutting procedures through the area. Furthermore detailed examination of the occurrance revealed that a number of uncovered very angular and rusty quartz chunks were derived from an insitu vein located close by.

The quartz vein strikes at approximately 124° Azimuth, and dips steeply towards the soutwest at 87 degrees. The hangingwall rocks consist of a fine to medium grained green quartzite and have been highly fractured with a series of parallel breaks running parallel to the hangingwall contact.

Within the vein near the hangingwall contact, a number of blocky to elongated xenoliths of green Lorrain Quartzite have been incorporated as a result of the emplacement of the vein. The contact between the quartz vein and the quartzite is sharp but sinuous along the contact strike length. Unfortunately, very little of the strike length of the quartz vein could be observed due to a thick cover of overburden.

Near the central or core portion of the vein massive grey to white quartz can be found. Occasionally large open vugs with poorly developed rust coated quartz crystals can be clearly observed. The rock has also been subjected to strong fracturing which has also been well coated with rusty minerals. This portion of the vein contains 1/2 to 1% disseminations and irregular inclusions of amorphous pyrite, marcasite and traces of chalcopyrite. Some fo the sulphides have been leached away leaving small voids within the rock. Minor weak inclusions and fine seams of fine green chlorite can be observed, which probably resulted from the partial disintegration of wall rock xenoliths.

Towards the footwall portion of the vein the rocks become more chloritic as the strongest portion of the faulting plane is approached. Over a distance of serveral inches the quartz vein rocks have been moderately altered with chlorite.

These rocks which contact directly with quartz-sericite-chlorite schist contain trace to 2% disseminations, seams and inclusions of amorphous pyrite, marcasite, chalcopyrite and chalcocite throughout the rock. Small portions of the sulphide mineralization has been leached out to form a rusty product which has been redeposited onto open fractures.

The evidence would suggest that the quartz vein was emplaced into the sedimentary host rock as a result of a Huronian aged fault fracturing of the brittle sediments. The sulphide mineralization probably was emplaced contemporaneously within the quartz during the initial emplacement episode.

The vein appears to have developed along the contact between two distinctive sediment types along the lines of least resistance.

A second stage of strong faulting developed along the footwall contact, which has resulted in the development of strong quartz-sericite-chlorite schist zone. The schist generally ranges in thickness from 0.5 to 0.6 ft. and has incorporated within it rod or mullion-like quartz features. These isolated quartz masses have formed with their long axis somewhat parallel to schistocity. Appreciable amounts

of sulphide mineralization having up to 30% amorphous pyrite, marcasite, chalcocite or bornite and chalcopyrite can be found exclusively within the quartz rods or mullions. The highly schistose rocks contain only traces of finely disseminated sulphides.

A concerning question arises as to the origin of the sulphide mineralization within the quartz vein. The quartzitic sedimentary rocks in which the vein has intruded is believed to be metal deficient and is not the obvious source of the iron and copper sulphide minerals. The geological mapping throughout the area has shown that the extrapolated contact between the early archean metavolcanics and the proterozoic metasediments is expected to occur approximately 150 feet towards the southwest of the mineralized vein.

It is not possible to determine at this time exactly how thick the proterozoic cover is. It may be possible to estimate that the depth of the sediments might not exceed 100 ft., assuming that the former Archean paleoerrosion surface did not exceed 30 degrees below the horizontal or that the adjoining of the two rock types has not been the result of an unrecognized fault.

Geological mapping has also revealed that vein fault can be traced for over 300 ft. towards the southeast and is thought to be a splay off of a major northwest trending fault found with the archean metavolcanics. Several movements along this fault are believed to have taken place during proterozoic times. It is quite possible that it is a reactivated Archean fault zone.

Because the sediments are probably thin, it may be possible that the sulphide solutions were derived from within Archean basement rocks or from buried Gowganda Formation rocks below the Lorrain Formation.

Owing to the fact that appreciable amounts of lead, zinc, copper and iron bearing sulphide and carbonate minerals have been identified in the metavolcanic rock suites approximately 260 ft. to the souteast may indicate that appreciable metal concentration may exist below the Lorrain Formation and may have been remobilized as a result of earlier Archean faulting being reactivated, allowing the breakthrough into the sedimentary strata.

A chemical analysis of Gowganda Formation conglomerate rocks located approximately 1/4 mile towards the northeast contains low base metal values which are indicated below:

	Pb	Zn	Cu	Ni	Element
Gowganda Formation Conglomerates	10	50	11	47	ppm

The amount of visible copper mineralization observed within the quartz vein would not appear to have been derived from rocks which contain such low concentrations of copper as was determined within the conglomerate rock.

A number of mineralized samples were collected on the showing, which were subject to assaying for Au, Ag, Pb, Zn and Cu.

The results of the assaying were found to be quite low. The copper content of the vein materials range from 0.049 to 0.069% with traces of lead, zinc and silver. The gold values range from 5 to 40 ppb and are elevated in comparison to the sulphide mineralzied volcanic rocks within the same general area.

The samples were collected and results obtained are listed below:

	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
301913-350A	5				
301941-350B	20				
301915-350C	40	0.2	690	4	7
301916-350D	30	<0.2	490	2	6
301917-350E	40				

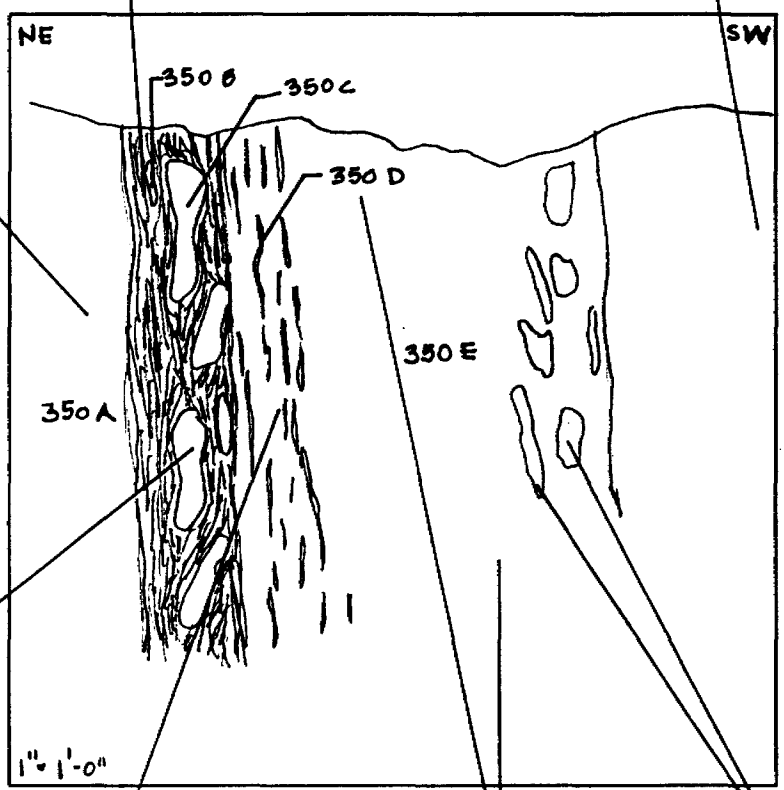
Please refer to the section on sample descriptions for further details on the samples listed above.

350 Vein Showing

Cream to buff coloured quartz sandstone to arkose rock which has been moderately altered to earthy clay minerals. The rock consists primarily of grey quartz grains and light coloured feldspars. The sedimentary rock adjacent to the footwall side of the quartz vein have been intruded by thin sugary quartz veins <1/2" thick

Highly schistose quartzites with sericite and minor chlorite. Trace finely disseminated sulphides. Rock was developed as a result of faulting episode.

Highly fractured green Lorrain Quartzite



Granular to massive grey-white to pink quartz rods or mullions within a strongly schistose quartzite with *sericite, chlorite alteration. The quartz* has been moderately deformed and contains trace to locally up to 30% amorphouse pyrite-marcasite, associated with black to blue chalcocite or bornite and chalcopyrite. Portions of the quartz contain vugs with fine rust coated x-stals of quartz and chlorite.

Moderately deformed portion of the quartz vein being highly fractured parallel to the contact inclusions *and streaks of light green platy* chlorite minerals. This portion of the vein is highly rusty througout. There is some evidence of former quartz vugs while portions of this section have a granular appearance. The vein carried trace to 2% disseminations-inclusions and thin seams of amorphous pyrite, marcasite, chalcopyrite and chalcocite . Portions of this section are weakly to moderately schistose.

White to rusty yellow quartz with red to yellow rusty fractures, minor light *green chlorite inclusions.* The vein carries 1% finely disseminations to inclusions to micro seams of amorphous pyrite and/or marcasite. Moderate leaching of the sulphides has taken place

Large Lorrain Quartzite xenoliths near contact of vein

Fig№ 24

APPENDIX VII

O.P.A.P. GRANT DOCUMENT COPIES

ONTARIO PROSPECTORS ASSISTANCE PROGRAM (OPAP) FINAL SUBMISSION FORM

INSTRUCTIONS:
Please type or Print
Submit completed form and supporting documentation
by January 31, 1992 to:
Incentives Office
Ministry of Northern Development & Mines
4th Floor, 159 Cedar St., Sudbury, Ontario P3E 6A5

TO BE COMPLETED BY SUCCESSFUL GRANTEES AFTER PROJECT COMPLETION AND ACCOMPANIED BY WRITTEN REPORTS, MAPS, ETC.

Name Harold Joseph Tracanelli File Number OP91-069

Proposed project area(s) (Twp. or claim map name, latitude and longitude) Completed?

1. BLMI Richardson lake Property, Soil Yes ☑ No ☐

2. Geochemistry Program, (Rhodes Township (G-4096) Yes ☐ No ☐

Changes to proposed project(s) (if any)
None

List other co-owners of the property that worked on project
NONE

I. WORK PERFORMED BY APPLICANT (Summary of Section IV)

1. Project #1 area/name BLMI Richardson Lake Project - Rhodes Twp.

		No. days worked by applicant
Traditional prospecting	No. of samples 44 rocks and mineral	N/A
Geological surveys	Scale	
Geophysical surveys	Type Miles/km	
Geochemical surveys (See Rpt.)	Type C Ø horizon No. of samples 461	3
Drilling	Type Ft/m	
Stripping/Trenching	Method	
Other	Type AutoCAD drafting	
	Soil sampling assistant and macroscopic sample identification contracted out to BEA by BLMI (See Appendix III, IV and IV	TOTAL 3

Note: BEA = BHARTI ENGINEERING ASSOC INC., BLMI = BHARTI LAAMANEN MINING INC.

I. WORK PERFORMED BY APPLICANT (Continued)

2. Project #2 area/name _____ Section N/A — No. days worked by applicant

Traditional prospecting	No. of samples _____		_____
Geological surveys	Scale _____		_____
Geophysical surveys	Type _____	Miles/km _____	_____
Geochemical surveys	Type _____	No. of samples _____	_____
Drilling	Type _____	Ft/m _____	_____
Stripping/Trenching	Method _____	_____	
Other	Type _____		_____
		TOTAL	_____

TOTAL DAYS (ALL PROJECTS) by Applicants A. 3

(Attach additional sheets for additional project areas as required)

II. EXPENDITURES (total of all projects) - Summary of I and II

1. Number of working days by applicant
(A) x $100/day ..... 3 x $100.00/day ..... $ 300.00

2. Number of report preparation days by applicant x $100/day ..... covered by BLMI ..... $ 0

3. Analyses/Assay costs (rocks $767.62)+(soils 46,877.22)+ (shipping $75.21) $ 7,720.05

4. Equipment rentals/Supplies (specify)

.....	$ _____	
Covered by BLMI	$ _____	$ 0
.....	$ _____	

5. Contract services (state type)

Soil Sampling Ass't P. Noel (3 mandays)	$ $300.00	
BEA AutoCAD Drafting (See App. IV)	$ $1,476.95	$ 1,976.95
Macroscopic Sample I.D. (by Y. Tchajkov) (see App. V)	$ 200.00	

6. Travel (state method: road, air, etc.)

.....	$ _____	
Covered by BLMI	$ _____	$ 0
.....	$ _____	

7. Food and Accommodation Covered by BLMI ..... $ 0

8. Other expenses (specify)

Covered by BLMI	$ _____	0
.....	$ _____	$ _____
.....	$ _____	

TOTAL EXPENDITURES ..... $ $9,997.00

III. DETAILED LIST OF EXPENDITURES (Summarize in Section II)

Date	Recipient of Payment	Explanation	Amount
	Please refer to Appendix III and IV of the report for complete project expenditure details.		

Mileage rate claimed _____ km at 30¢/km for use of own vehicle 0.00

TOTAL $9,997.00

Attach additional sheets as required.

See Appendix III and IV.

IV. DAILY REPORTS (Summarize work activity in Section I)

Day	Project Area	Date	Work Performed
1	Please refer to Appencis IV of the report for		
2	complete details.		
3	H.J.T.		
4	HJT		
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			

Attach additional sheets as required.

See Appendix III.

V. SIGNIFICANT RESULTS (please complete)

Project Area	New Showings and/or Anomalies	Commodity	Best Analyses
Richardson Lake			

Please see the report and Appendix data for complete details. H.J.T.

VI. CLAIMS STAKED DURING/AFTER PROSPECTING ACTIVITY (please complete)

Project Area	Claim Numbers	Number of Claims
None		

VII. OPTION AGREEMENTS RESULTING FROM OPAP PROJECT (please complete)

Optionee	Property/Claims	Dollar Value of Work Commitment
N/A		

Seeking potential optioners.

The Ministry of Northern Development and Mines may verify all statements related to and made herein this application.

1. I am the person named in the Application for Grant under the Ontario Prospectors Assistance Program.
2. I am ordinarily resident of Canada.
3. I have complied with all the requirements of the said program.
4. I understand that it is an offence under the Ontario Mineral Exploration Act, 1989, to make a false or misleading statement and that all statements and all other information submitted in support of the said application are true and correct.
5. I am not actively engaged in mineral production anywhere in the world, nor am I a representative of a person who is actively engaged in mineral production anywhere in the world.
6. I am not an associate of, nor do I represent an affiliated corporation or an associate of any person actively engaged in mineral production anywhere in the world.
7. The mineral exploration project that is the subject of the said application will not receive Federal Government or other Ontario Government financial assistance.

It is an Offence under subsection 8(1)(A) of the Ontario Mineral Exploration Act, 1989 to knowingly furnish false or misleading information.

Personal information on this form is obtained under the authority of the Ontario Mineral Exploration Act, 1989, sections 2, 3 and 4 and the Ontario Prospectors Assistance Program Regulation, sections 4, 5 and 6. The financial and technical information will be used for the purpose of determining the eligibility of the applicant to have a program designated for financial assistance and the amount of such assistance. Other information, such as statistical information about the individual projects will be used for the purpose of determining the overall effectiveness of the program. It may be disclosed for those purposes and I consent to its disclosure for such purposes. Questions about this collection should be directed to Supervisor, Incentives Office, Mineral Development and Lands Branch, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, Toll free 1-800-465-3880.

Signature of Applicant _____ Date January 17, 1991

Name (print) Harold J. Tracanelli

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

The Ontario Prospectors Assistance Program

Programme d'aide aux prospecteurs de l'Ontario

Certificate of Initial Grant Approval

Certificat d'allocation d'une subvention initiale

Grant No./Subvention N°: OPG91-014

OPAP Registration No./ N° d'enregistrement au PAPO: OP91-069

Applicant - Name/Nom du demandeur: Harold Joseph Tracanelli

Street Name and Number/Adresse (rue et numéro): 582 Vermillion Lake Road, Box 167

City, Town, Village/Localité	Province	Postal Code/Code postal
Chelmsford	Ontario	P0M 1L0

Period of designation is from / L'agrément porte sur la période du

Year année	Month mois	Day jour		Year année	Month mois	Day jour
91	05	01	to au	92	01	31

Total proposed eligible exploration expenses to be incurred in Ontario that have been approved: $ 9,997

Montant total des dépenses d'exploration admissibles projetées (devant être effectuées en Ontario) approuvées par le présent certificat

This is to certify that an initial grant of 50% based on the above proposed eligible expenses is payable to the Applicant or Applicants (details attached) and that this payment of: $ 4,999

Le présent certificat atteste qu'une subvention égale à 50% du montant des dépenses admissibles projetées (indiqué ci-dessus) est payable au(x) demandeur(s) (détails ci-joint), et que le paiement de la somme de

is hereby approved. / est approuvé.

A/C # 3602

Manager, Mineral Development Section/Directeur, Section du développement minéralogique

Date: May 8, 1991

Original - Applicant/demandeur

Part 2 - Financial Services Branch
Partie 2 - Direction des services financiers

Part 3 - File
Partie 3 - Archives

0023 (10/89)

Mining Lands.

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

2.14516

Transaction Number
W9270.00007

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for rec Recorder.
- A separate copy of this form must be complete
- Technical reports and maps must accompany tl
- A sketch, showing the claims the work is assigi

41P14NW1004 2.14516 RHODES

900

Recorded Holder(s)		Client No.
Bharti Laamanen Mining Inc.		216618
Address		**Telephone No.**
131 Fielding Rd., Box 700, Lively, Ont. P0M 2E0		705-682-3211
Mining Division	**Township/Area**	**M or G Plan No.**
Sudbury	Rhodes Township	G-4096
Dates Work Performed From: April 30, 1991	To: January 10, 1992	

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	Geochemical survey including the review of geology-geophysics
	Physical Work, Including Drilling	Rock outcrop stripping, minor hand trenching and cutting of ATV trails
	Rehabilitation	
	Other Authorized Work	
	Assays	C Ø horizon soils - rock and mienral samplings
	Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs $ ~~$52,044.00~~ $52,045.00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
Harold J. Tracanelli c/o	131 Fielding Rd., Box 700, Lively, Ont. P0M 2E0
Bharti Engineering Assoc. Inc.	
Chemex Labs Ltd.	Toronto, Ontario and Vancouver, B.C.

RECEIVED
APR 02 1992
MINING LANDS BRANCH

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

	Date	Recorded Holder or Agent (Signature)
I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Mar. 19, 1992	Harold J. Tracanelli

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying

Harold J. Tracanelli, 131 Fielding Rd., Box 700, Lively, Ont. P0M 2E0

Telepone No.	Date	Certified By (Signature)
705-682-3211	Mar. 19, 1992	Harold J. Tracanelli

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder
$ 5,424	MAR. 19/92	
	Deemed Approval Date: June 17/92	Date Approved
	Date Notice for Amendments Sent	

SUDBURY MINING DIV.
RECEIVED
MAR 19 1992
A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

0041 (09/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	S-1095079	1	26,190.00 ~~26,189.79~~ mH	1355.~~35~~ mH	~~24,834.44~~	24,835.00 ~~24,834.44~~ mH
	S-1095077	1	8,305.00 ~~8,304.62~~ mH	1337.~~37~~ mH	~~6,967.25~~	6,968.00 ~~6,967.25~~ mH
	S-1095080	1	14,808.00 ~~14,808.32~~ mH	1377.~~35~~ mH	~~13,430.97~~	13,431.00 ~~13,430.97~~ mH
	S-1095078	1	2,742.00 ~~2,742.25~~ mH	1355.~~35~~ mH	~~1,386.90~~	1,387.00 ~~1,386.90~~ mH
			52,045.00 mH	5,424.00 mH		46,621.00 mH
	Four.		~~52,044.98~~ mH	~~5,425.42~~ mH	~~46,619.56~~ mH	~~46,619.56~~ mH
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

0841 (03/91)

RECEIVED
APR 02 1992
MINING LANDS SECTION

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

1. ☑ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature: David Hoadley Date: March 19/92

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des mines

Ontario

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction: W9270.00007

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type: See App. I	$42,523.75	
	Assaying	$ 7,720.05	
			$50,243.80
Supplies Used Fournitures utilisées	Type: Sample Bags		
	Notebooks-flagging		
	Maps-telephone,		
	etc.	$75.00	$75.00
Equipment Rental Location de matériel	Type: Hand tools		
	Bars & shovels	$50.00	
			$ 50.00
	Total Direct Costs Total des coûts directs		$50,368.80

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type: 1/2 ton truck for		
	25 field days +/-		
	$35.00/day	$875.00	
	4,160 km x .15/km	$624.00	
			$1,499.00
Food and Lodging Nourriture et hébergement	Groceries	$177.18	$177.18
Mobilization and Demobilization Mobilisation et démobilisation			
	Sub Total of Indirect Costs Total partiel des coûts indirects		$1,676.18
	Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)		~~$9,933.76~~
	Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) / Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)		$52,044.98

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

RECEIVED
APR 0 2 1992
MINING LANDS BRANCH

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
× 0.50 =	

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Évaluation totale demandée
× 0,50 =	

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Harold J. Tracanelli (Recorded Holder, Agent, Position in Company) I am authorized to make this certification Harold J. Tracanelli

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ (titulaire enregistré, représentant, poste occupé dans la compagnie) je suis autorisé à faire cette attestation.

Signature: Harold J. Tracanelli — Date: Feb. 19, 1992

0212 (04/91)

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

Geoscience Approvals Section
Mining Lands Branch
159 Cedar Street, 4th Floor
Sudbury, Ontario
P3E 6A5

Telephone: (705) 670-7264
Fax: (705) 670-7262

Our File: 2.14516
Transaction #: W9270.00007

June 25, 1992

Mining Recorder
Ministry of Northern Development
and Mines
159 Cedar Street, 2nd Floor
Sudbury, Ontario
P3E 6A5

Dear Sir:

RE: APPROVAL OF ASSESSMENT WORK ON MINING CLAIMS S 1095079 ET AL. IN RHODES TOWNSHIP.

A Notice of Deficiency was not issued on this Report of Work prior to the 90 day deemed approval date and as outlined in subsection 6(5) of the Mining Act Regulations this Report of Work is therefore deemed approved as of JUNE 17, 1992. The Assessment credits are as listed on the original submission.

Please indicate this approval on the record sheets.

If you require further information please contact Clive Stephenson at (705) 670-7251.

Yours sincerely,

Ron C. Gashinski

Ron C. Gashinski
Senior Manager, Mining Lands Branch
Mines and Minerals Division

CDS/jl
Enclosures:

cc: Assessment Files Office
Toronto, Ontario

Resident Geologist
Sudbury, Ontario

APPENDIX I

Summary of labour and field supervision requirements and expenditures carried out on the BLMI (Bharti Laamanen Mining Inc.) Richardson Lake Property in Rhodes Township (G-4096) between April 30, 1991 and January 10, 1992.

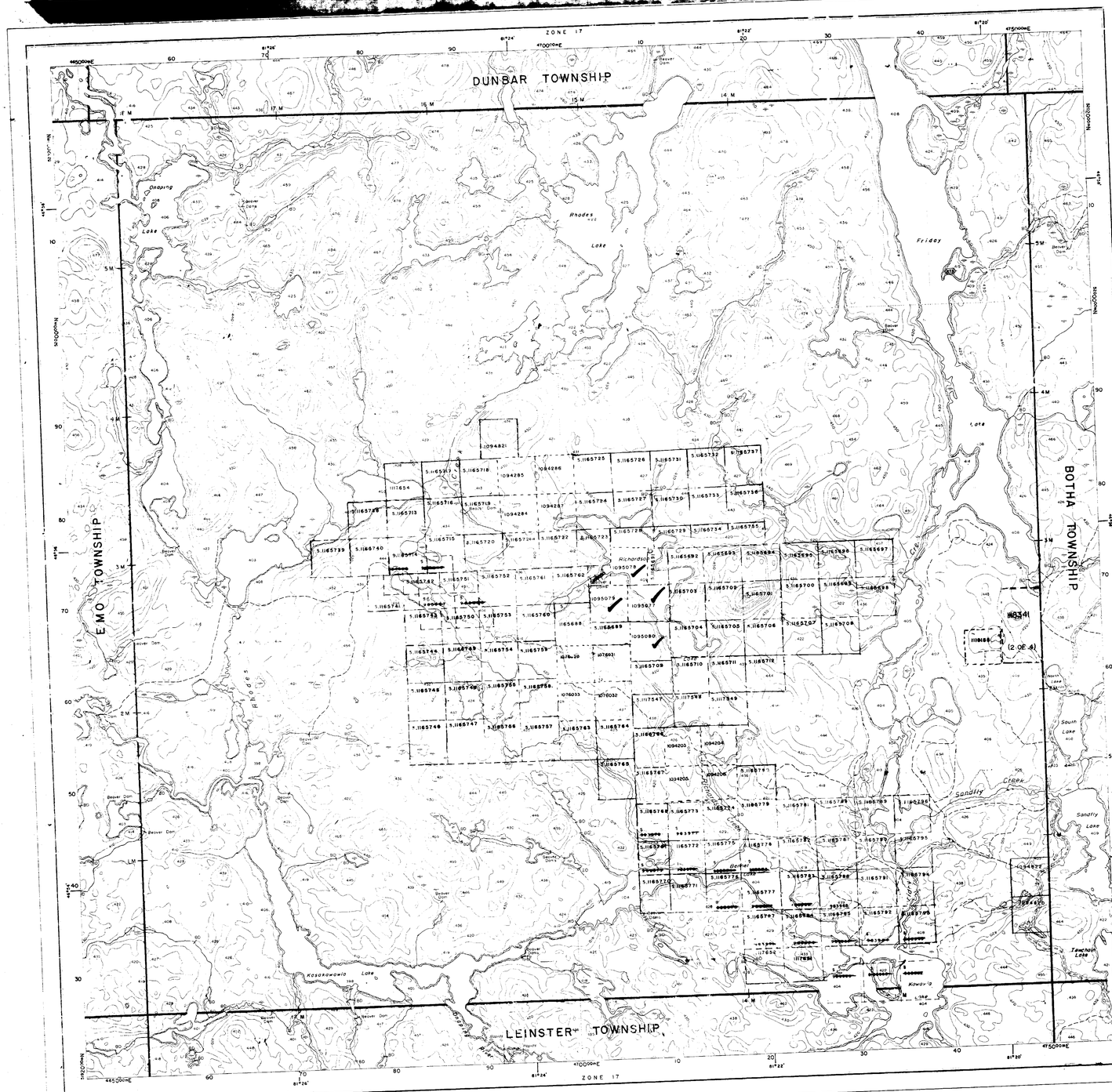
* Harold Tracanelli, Project Geologist Supervision of project functions, field data, collection, mapping, sampling, report writing, etc.	625.50 hrs. @ $50.00/hr	$31,275.00
** Pierre Noel, Assistant Geologist Part time field assistant, soil sampler, geological field work, data collection	56.00 hrs. @ $17.86/hr	$1000.00
*** Jason Hyland, labourer, stripping outcroppings, cutting ATV access trails on the property	105.5 hrs. @ $20.00/hr	$2,110.00
*** Robert Resetar Labourer, stripping outcroppings, cutting ATV access trails on the property	105.5 hrs. @ $20.00/hr	$2,110.00
*** Ygor Tchavjkov, Geologist, part time field assistant to project geologist	64 hrs. @ $20.00/hr	$1,280.00
****Ygor Tchavjkov, Geologist, macroscopic identification work on samples from the BLMI Property	16 hrs. @ $12.50/hr.	$200.00
* Shaun McGlade, Senior Draftsman AutoCAD drafting supervision	20 hrs. $45.00	$900.00
* Mary Burke, Junior Draftsman AutoCAD drafting, data plotting, blueprinting, final report production	84.25 hrs. @ $35.00/hr	$2,948.75
* Maryann Foy, Wordprocessing of property report	28.0 hrs. @ $25.00/hr	$700.00
TOTAL LABOUR EXPENDITURES		$42,523.75

* Contracted out from Bharti Engineering Associates Inc. to Bharti Laamanen Mining Inc.

** Worked on contract for Bharti Laamanen Mining Inc.

*** Laamanen Construction Ltd. contracted out to Bharti Laamanen Mining Inc.

**** Contracted services out to Bharti Laamanen Mining Inc.



Ministry of Natural Resources

Ontario

Ministry of Northern Development and Mines

In Service: March 30, 1988

INDEX TO LAND DISPOSITION

PLAN
G-4096

TOWNSHIP
RHODES

M.N.R. ADMINISTRATIVE DISTRICT
SUDBURY

MINING DIVISION
SUDBURY

LAND TITLES/REGISTRY DIVISION
SUDBURY

Scale 1:20 000

1000 Metres 0 1000 2000 Metres

1000 Feet 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 Feet

Contour Interval 10 Metres

AREAS WITHDRAWN FROM DISPOSITION

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

Description	Order No.	Date	Disposition	File

SYMBOLS

Boundary
- Township, Meridian, Baseline
- Road allowance; surveyed
- shoreline
- Lot/Concession; surveyed
- unsurveyed
- Parcel; surveyed
- unsurveyed
- Right-of-way; road
- railway
- utility
- Reservation
- Cliff, Pit, Pile
- Contour
  - interpolated
  - Approximate
  - Depression
- Control point (horizontal)
- Flooded land
- Mine head frame
- Pipeline (above ground)
- Railway; single track
- double track
- abandoned
- Road; highway, county, township
- access
- trail, bush
- Shoreline (original)
- Transmission line
- Wooded area
- RTS REMOTE TOURIST SET-UP

DISPOSITION OF CROWN LANDS

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

Lease
- Surface & Mining Rights
- Surface Rights Only
- Mining Rights Only
- Licence of Occupation — OC
- Order-in-Council
- Cancelled — C
- Reservation — R
- Sand & Gravel

DATE OF ISSUE
APR 07 1988
SUDBURY
MINING RECORDER'S OFFICE

NOTES

Flooding rights to elevation [illegible] on Sandfly Lake (L.O. 9839) - File 9214.

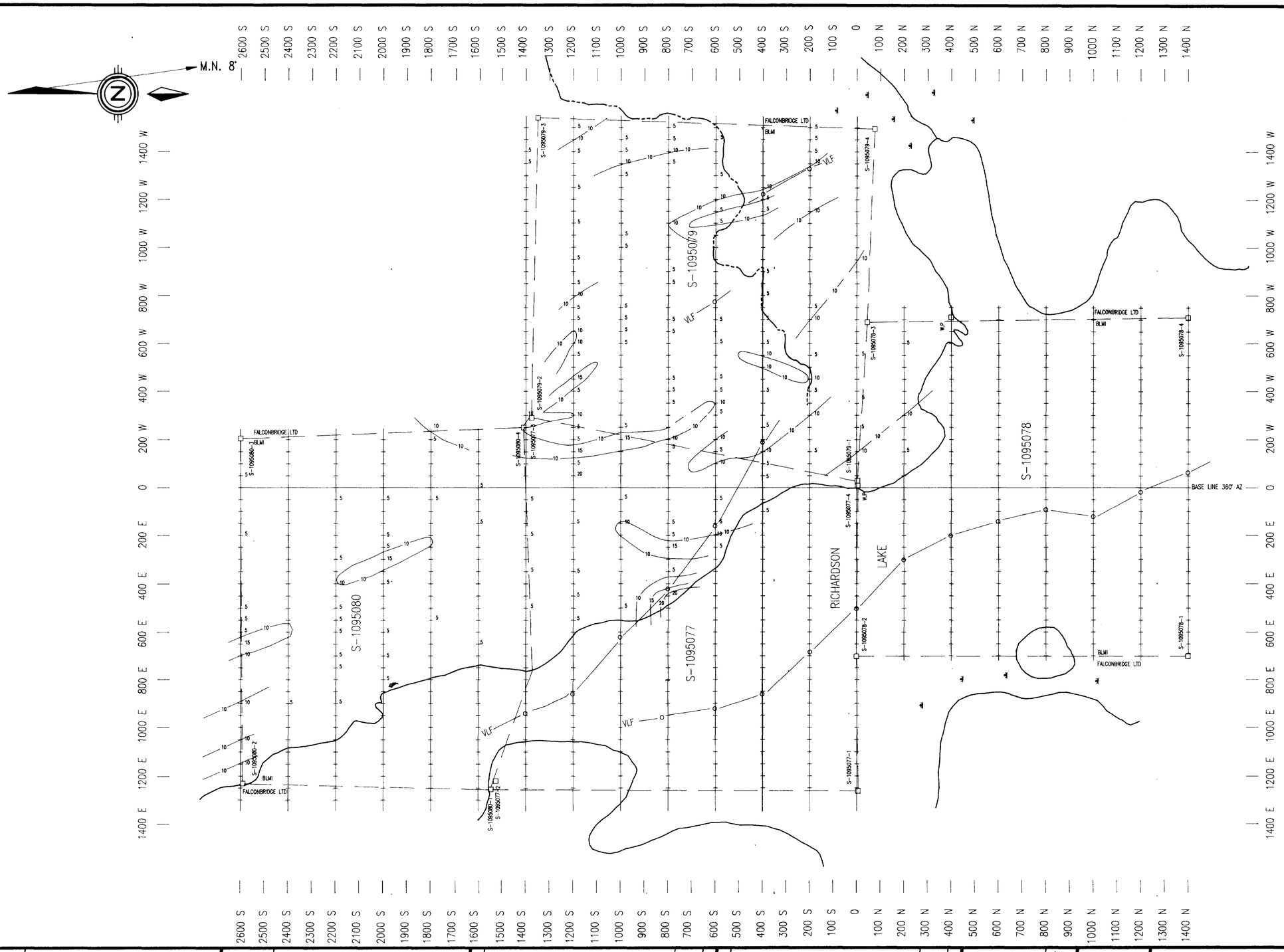
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

LAND TITLES
APR 20 1988
SUDBURY
MINES SECTION OFFICE

Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

RHODES TWP.
G-4096



LEGEND

S-1095077-2	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
300 S / 600 E	CROSS LINE AND STATION DESIGNATIONS
	BLMI ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

2.14516

Contour –

DWG. NO.	REFERENCE DRAWING	DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

		DATE
SCALE:	1"=200'	
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

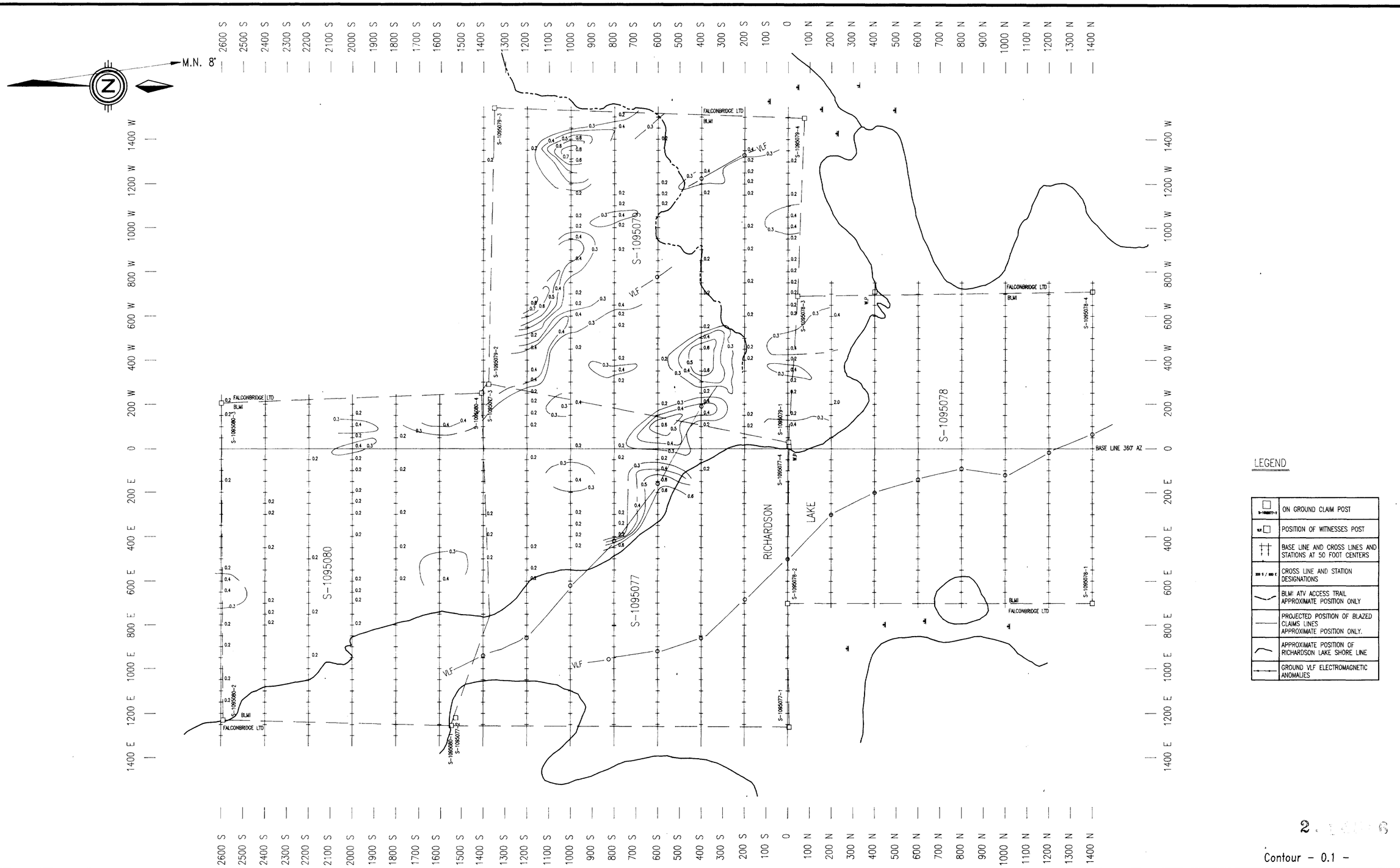
BLM Inc

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
ARSENIC (As.) P.P.M.

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-001 REV.

41P14NW1004 2.14516 RHODES



LEGEND

S-1095077-3	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
300 S / 800 E	CROSS LINE AND STATION DESIGNATIONS
	BLM ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

Contour – 0.1 –

DWG. NO.	REFERENCE DRAWING	DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	W. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

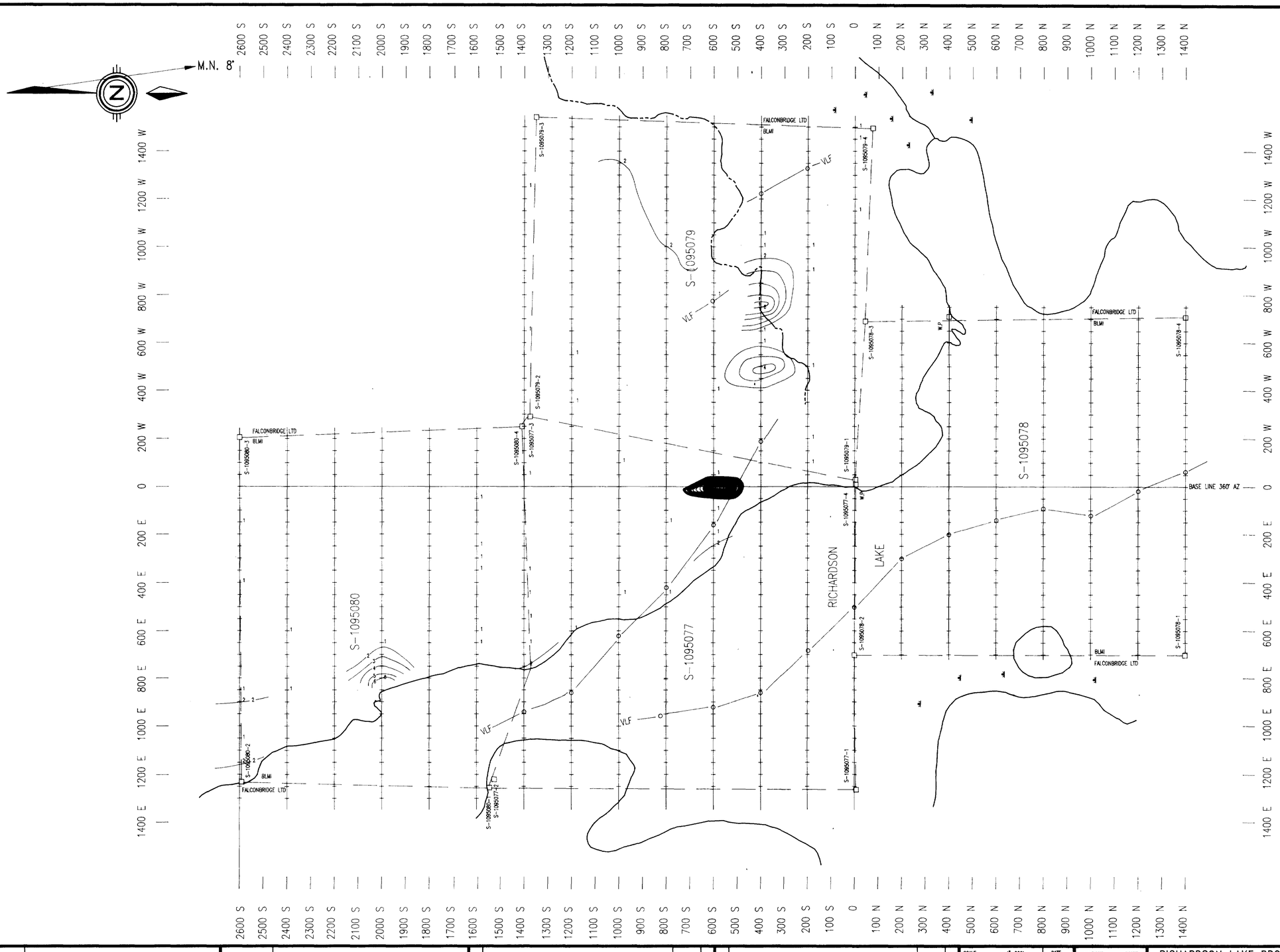
BLM Inc

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
SILVER (Ag.) P.P.M.

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-002

REV.



LEGEND

S-1095077-2	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
200 S / 800 E	CROSS LINE AND STATION DESIGNATIONS
	BLMI ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

Contour - 1.0 -

DWG. NO.	REFERENCE DRAWING	DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

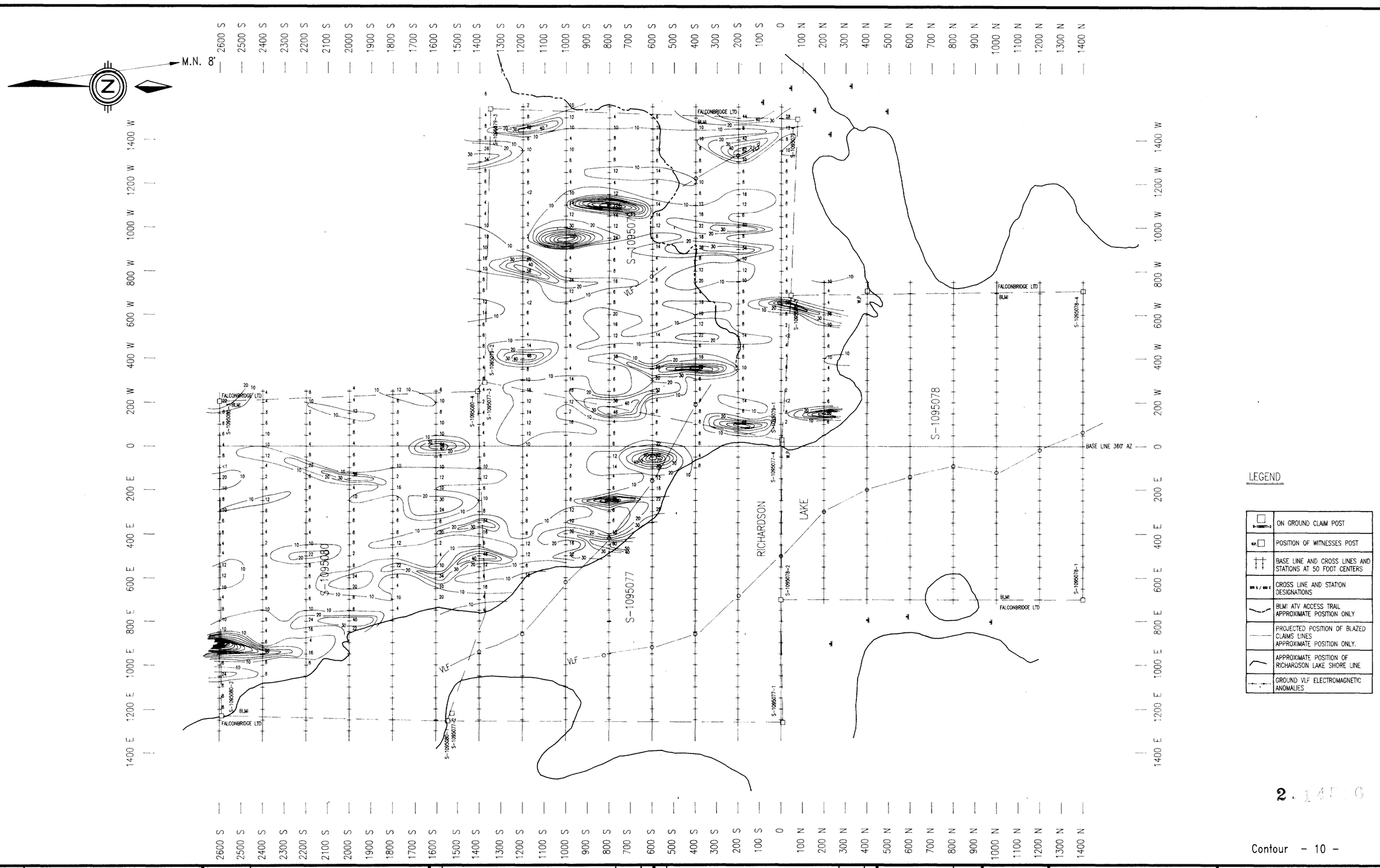
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)

"C.HORIZ." SOIL GEOCHEMISTRY
MOLYBDENUM (Mo) P.P.M.

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-003

REV.



LEGEND

S-1095077-2	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
300 S / 800 E	CROSS LINE AND STATION DESIGNATIONS
	BLM! ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
VLF	GROUND VLF ELECTROMAGNETIC ANOMALIES

2.14[illegible]6

Contour - 10 -

DWG. NO.	REFERENCE DRAWING

DWG. NO.	REFERENCE DRAWING

NO.	DESCRIPTION OF REVISION	DATE	BY

NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

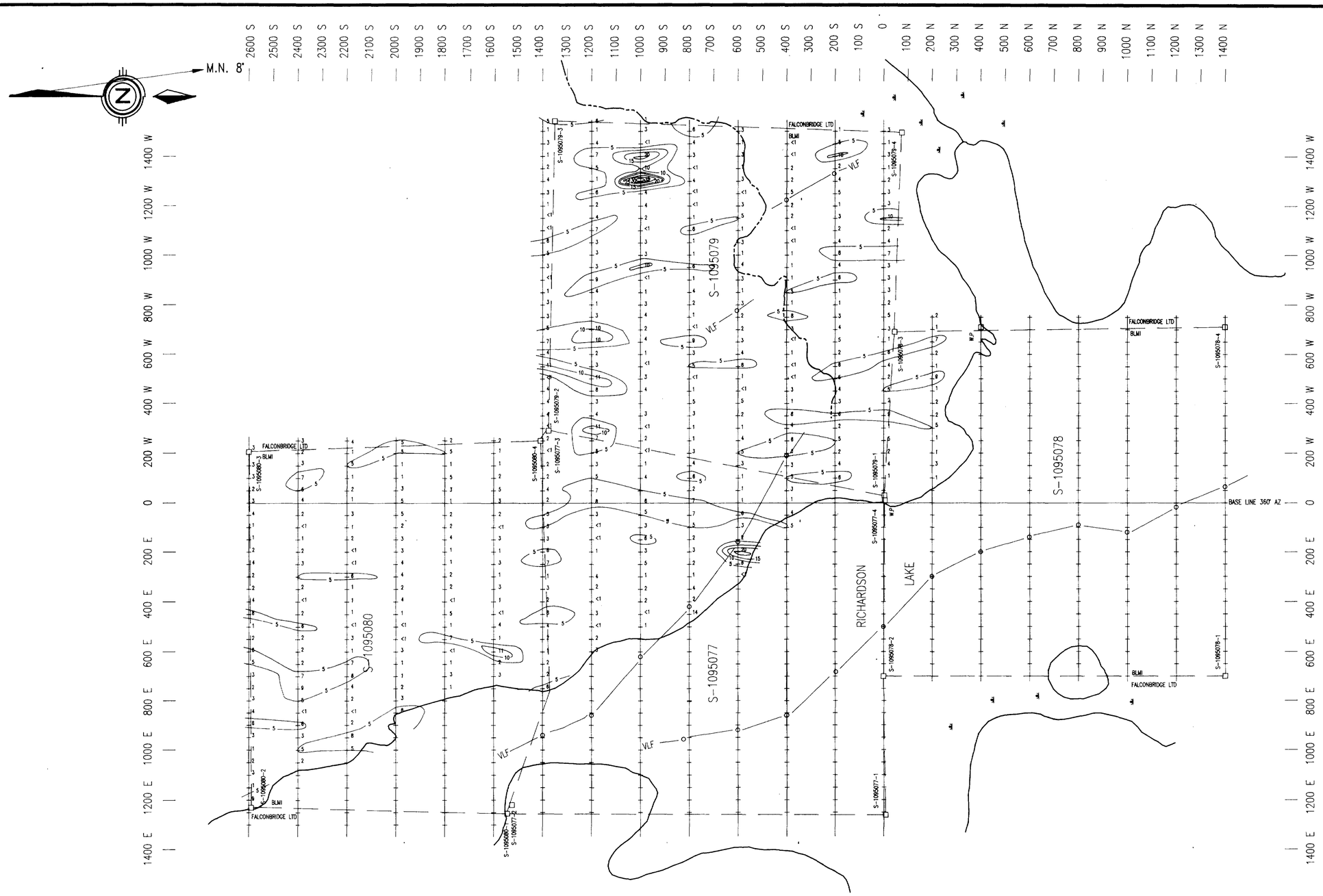
BLM Inc

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
LEAD (Pb.) P.P.M.

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-004

REV.



LEGEND

S-1095077-2	ON GROUND CLAIM POST
100	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
300 S / 600 E	CROSS LINE AND STATION DESIGNATIONS
	BLMI ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

2.14516

Contour - 5 -

DWG. NO.	REFERENCE DRAWING	DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

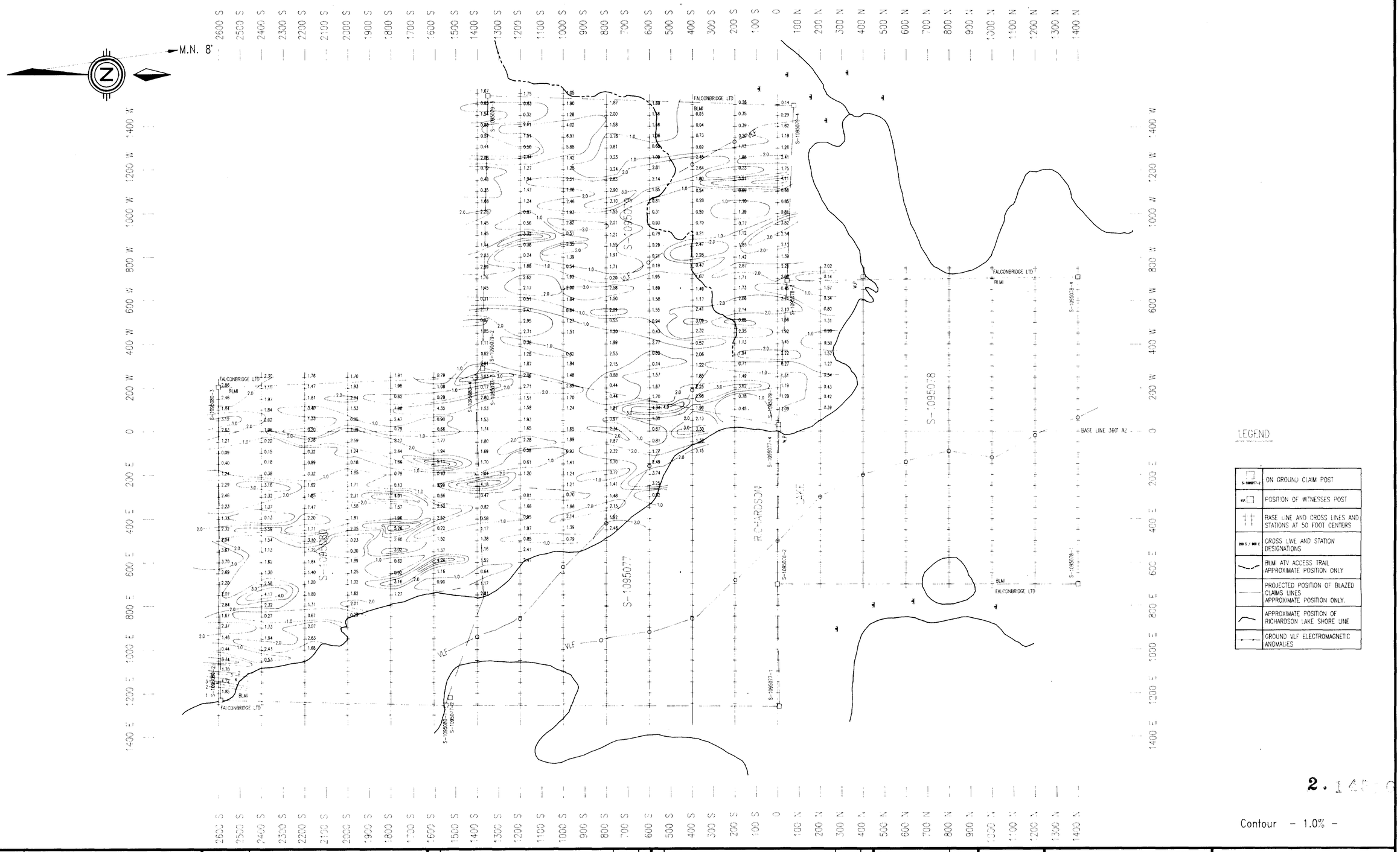
BLM Inc

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
COBALT (Co.) P.P.M.

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-005

REV.



LEGEND

S-1095077-2	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
200 S / 800 E	CROSS LINE AND STATION DESIGNATIONS
	BLMI ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

2.14[illegible]

Contour – 1.0% –

DWG. NO.	REFERENCE DRAWING	DWG. NO.	REFERENCE DRAWING

NO.	DESCRIPTION OF REVISION	DATE	BY

NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

BLM Inc.

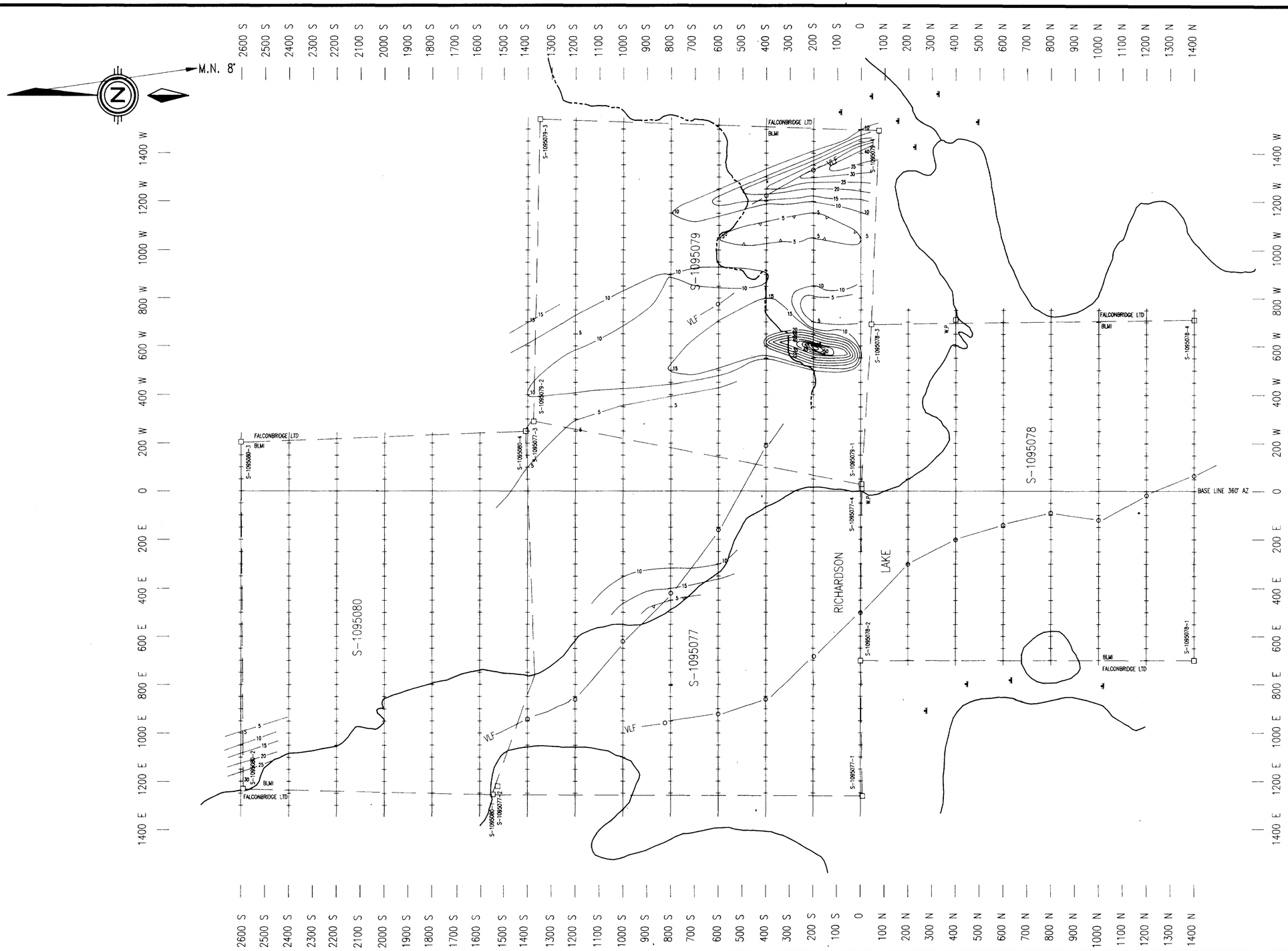
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)

"C.HORIZ." SOIL GEOCHEMISTRY
IRON (Fe.) %

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-006

REV.



LEGEND

S-1095077-2	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
300 S / 600 E	CROSS LINE AND STATION DESIGNATIONS
	BLMI ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

2.14.6

Contour – 5 –

DWG. NO.	REFERENCE DRAWING	DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANNELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

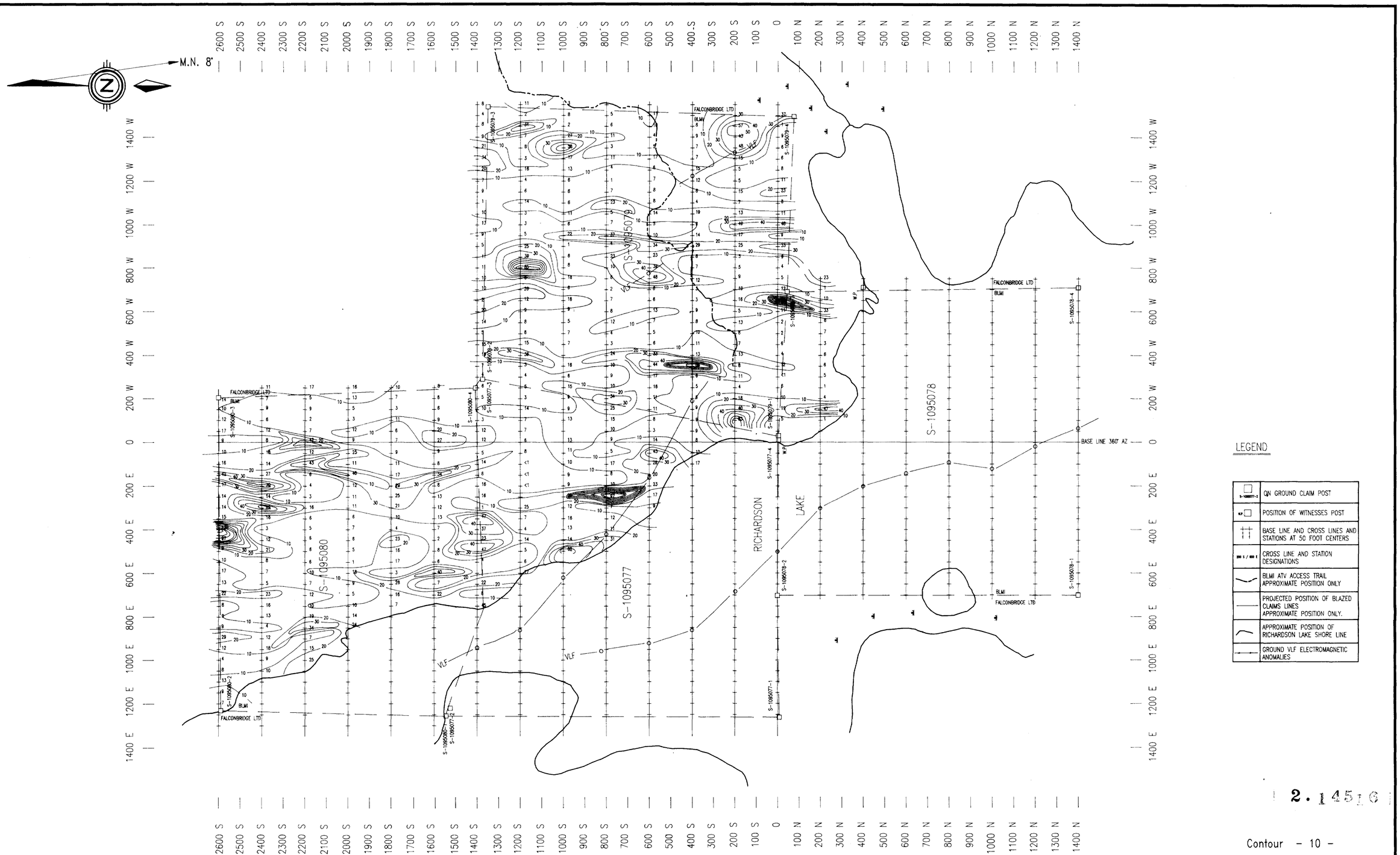
BLM Inc.

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
GOLD (Au.) P.P.M.

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-007

REV.



LEGEND

S-1095077-3	QN GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
200 S / 400 E	CROSS LINE AND STATION DESIGNATIONS
	BLMI ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
VLF	GROUND VLF ELECTROMAGNETIC ANOMALIES

2.14516

Contour - 10 -

DWG. NO.	REFERENCE DRAWING	DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

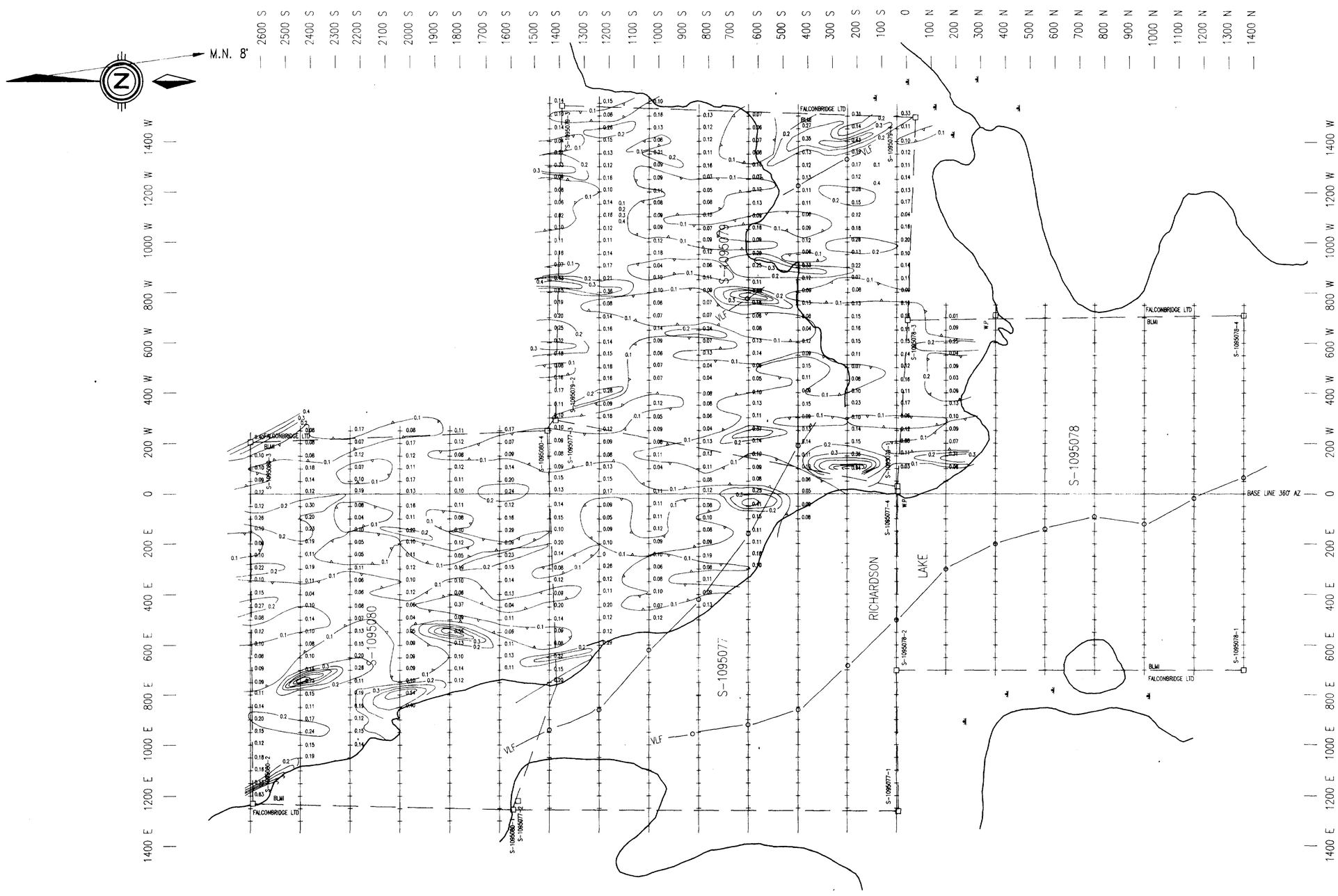
BLM Inc.

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
COPPER (Cu.) P.P.M.

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-008

REV.



LEGEND

S-1095077-2	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
200 S / 600 E	CROSS LINE AND STATION DESIGNATIONS
	BLM ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

2 • 1

DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

BLM Inc

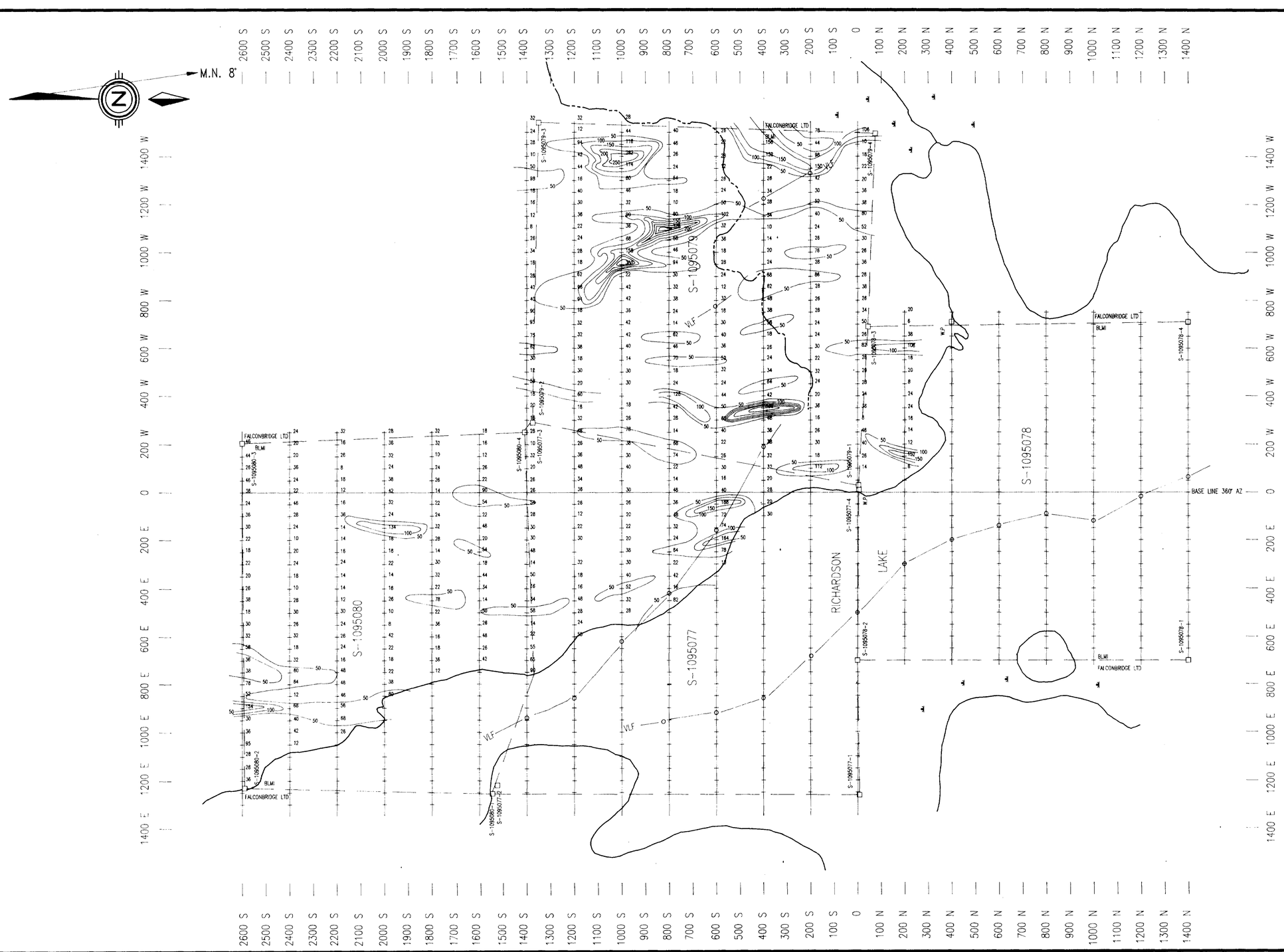
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)

"C.HORIZ." SOIL GEOCHEMISTRY
CALCIUM (Ca) %

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-009

REV.



LEGEND

S-1095077-1	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
200 S / 800 E	CROSS LINE AND STATION DESIGNATIONS
	BLM ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

Contour - 50 -

													SCALE:	1"=200'	DATE
													DESIGNED:	H. TRACANELLI	OCT/91
													DRAWN:	W. BURKE	OCT/91
													CHECKED:	H.J.T.	OCT/91
'CE DRAWING		DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY		APPROVED:		

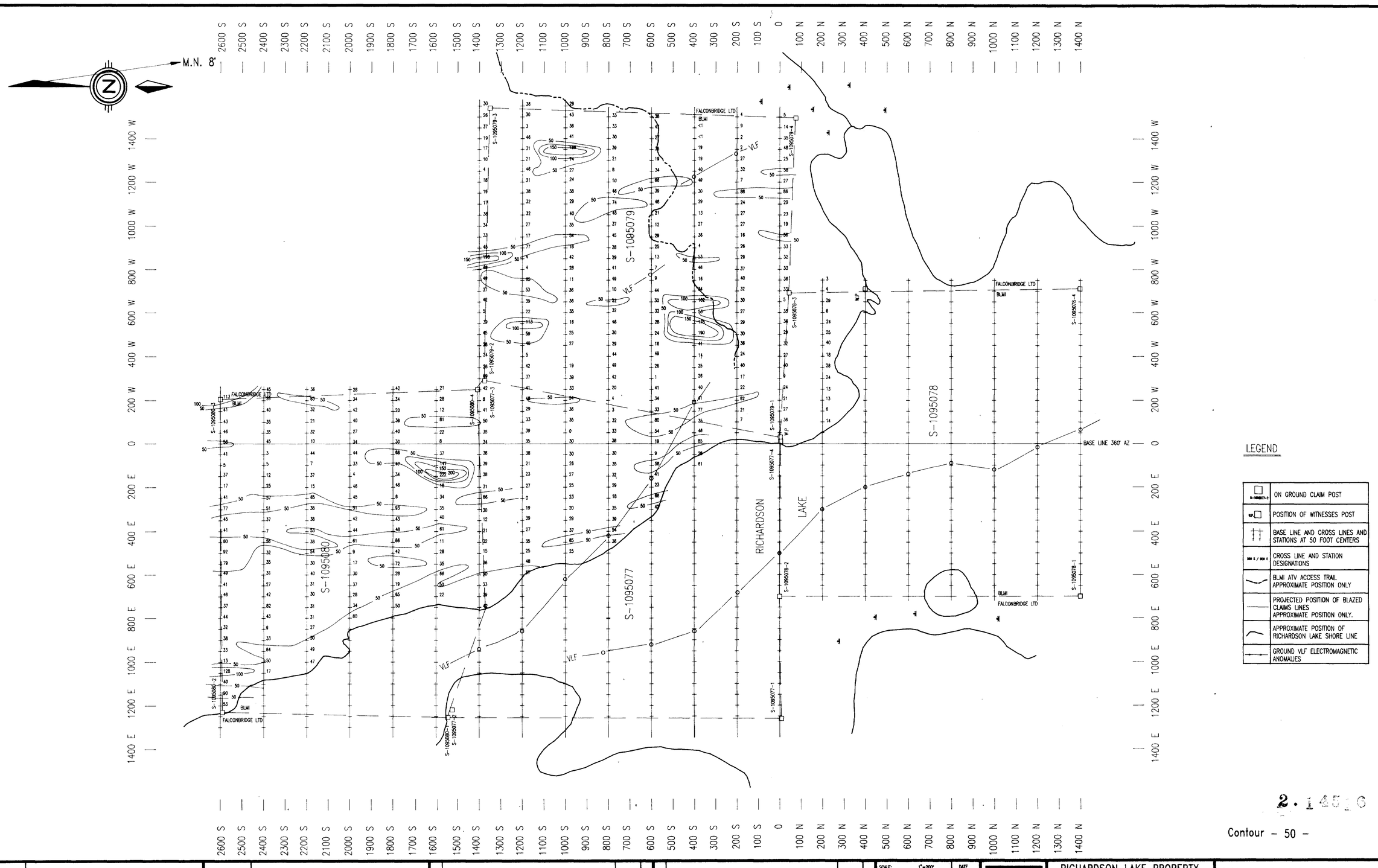
BLM Inc

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
ZINC (Zn.) P.P.M.

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-010

REV.



LEGEND

S-1095077-3	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
200 S / 600 E	CROSS LINE AND STATION DESIGNATIONS
	BLMI ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

2.1451 6

Contour – 50 –

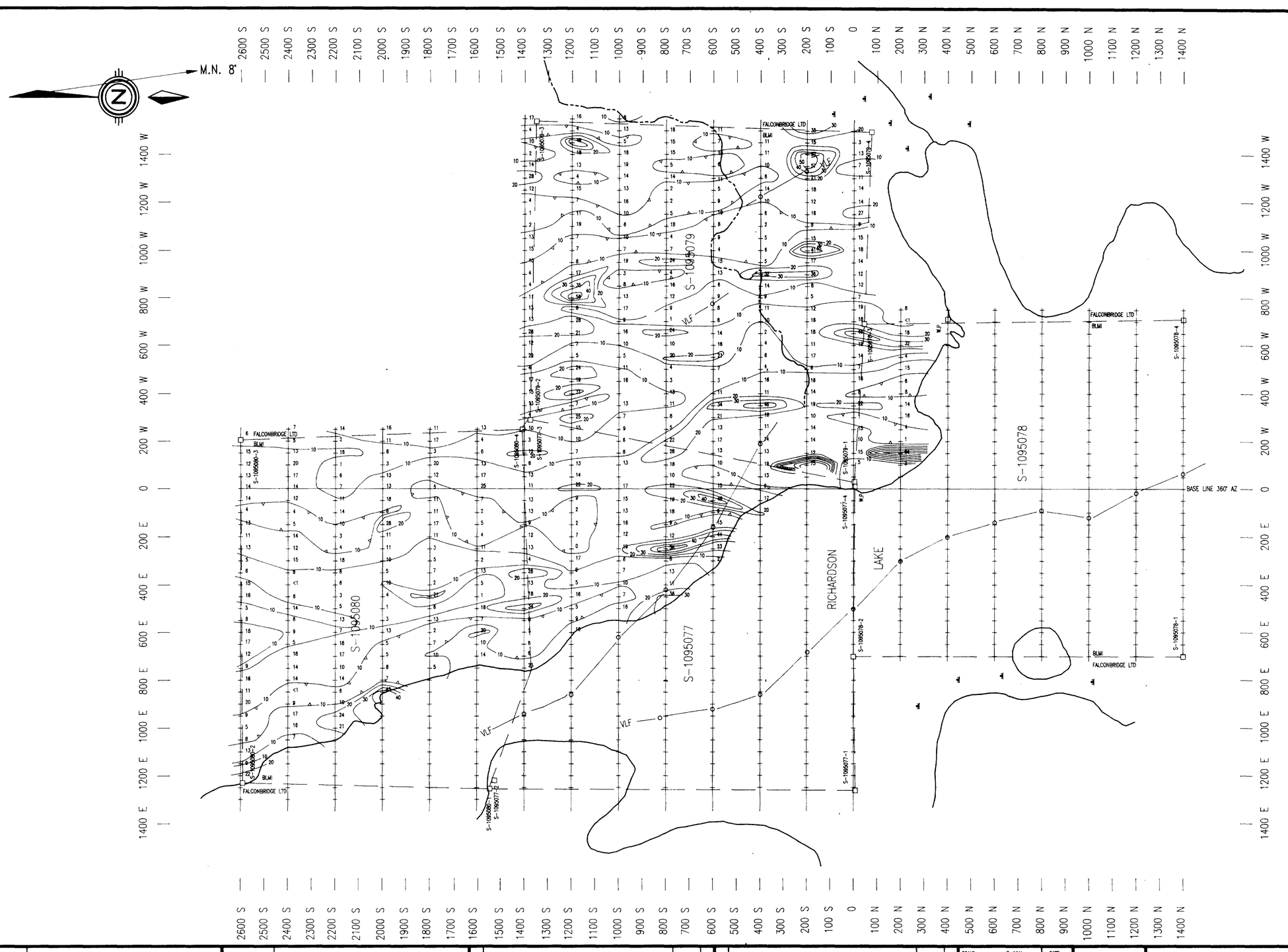
DRAWING	DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
VANADIUM (V.) P.P.M.

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-011 REV.



LEGEND

S-1095077-1	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
300 S / 800 E	CROSS LINE AND STATION DESIGNATIONS
	BLMI ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

Contour - 10 -

DWG. NO.	REFERENCE DRAWING	DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

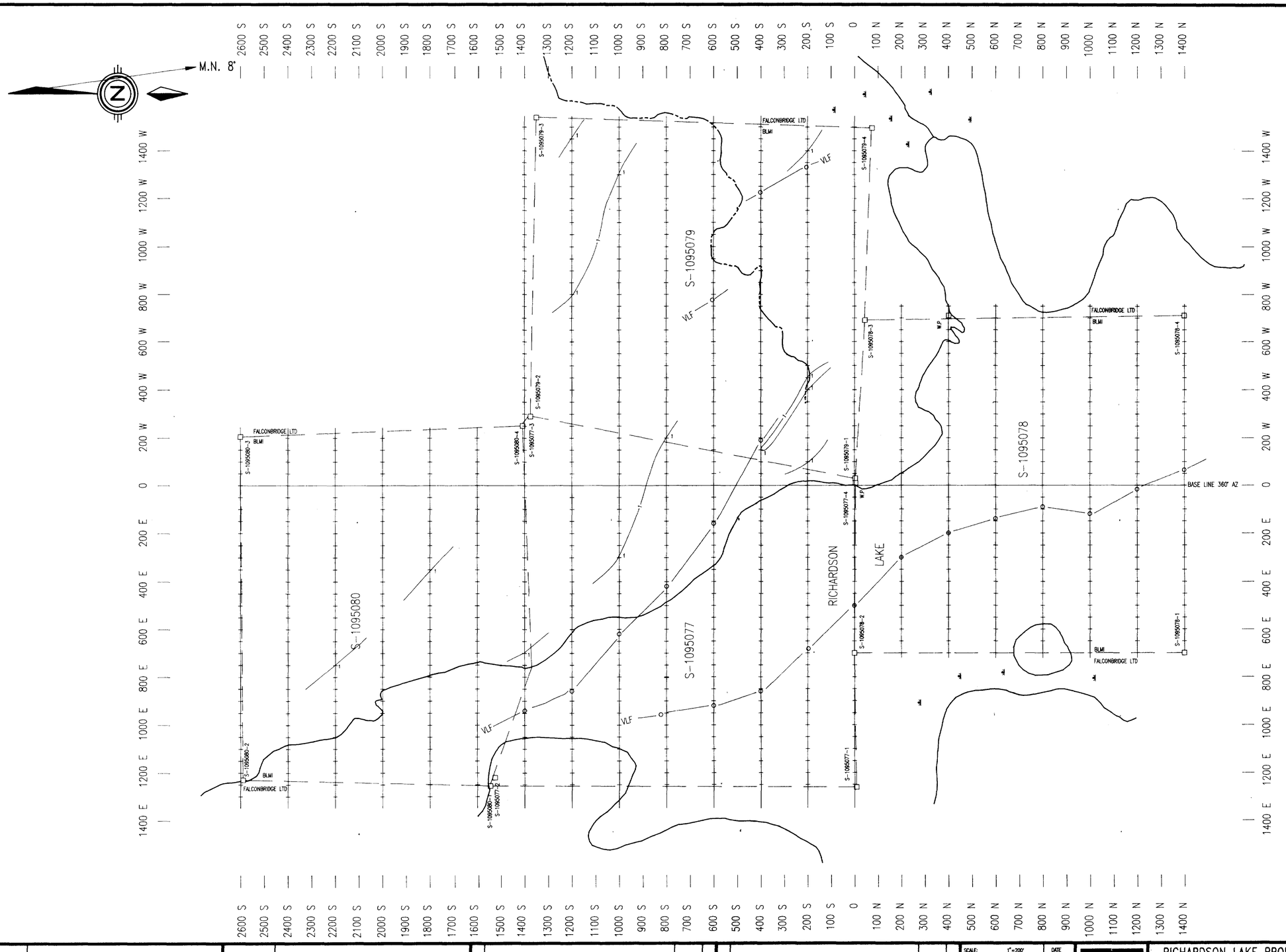
BLM Inc.

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
NICKEL (Ni.) P.P.M.

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-012

REV.



LEGEND

S-1095077-4	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
300 S / 400 E	CROSS LINE AND STATION DESIGNATIONS
	BLM ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE.
	GROUND VLF ELECTROMAGNETIC ANOMALIES

Contour - 1.0 -

DWG. NO.	REFERENCE DRAWING	DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

BLM Inc

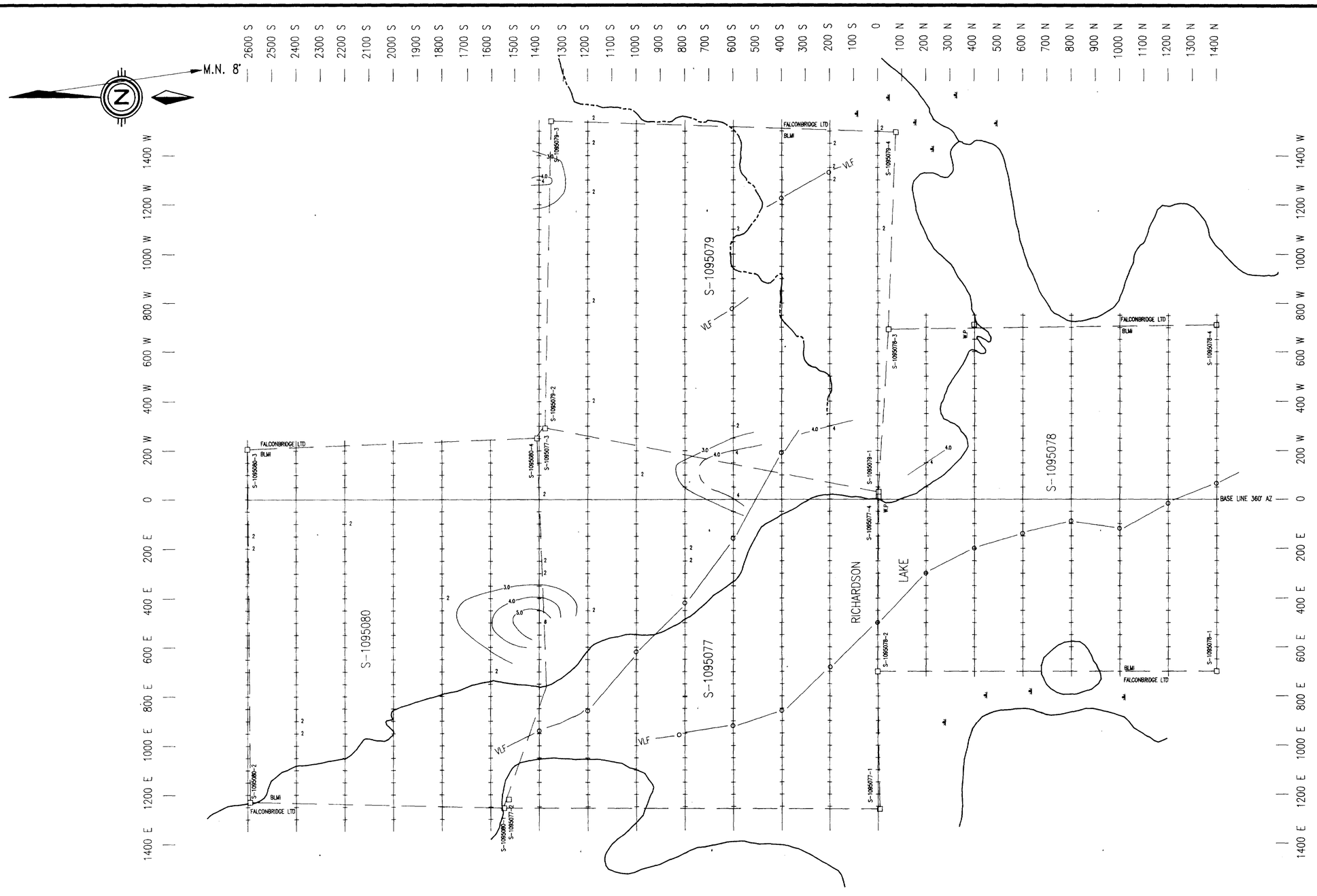
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)

"C.HORIZ." SOIL GEOCHEMISTRY
MERCURY (Hg.) P.P.M.

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO — CANADA

DWG. NO. 91-5000-013

REV.



LEGEND

S-1095077-2	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
300 E / 300 E	CROSS LINE AND STATION DESIGNATIONS
	BLMI ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

Contour - 1.0 -

DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

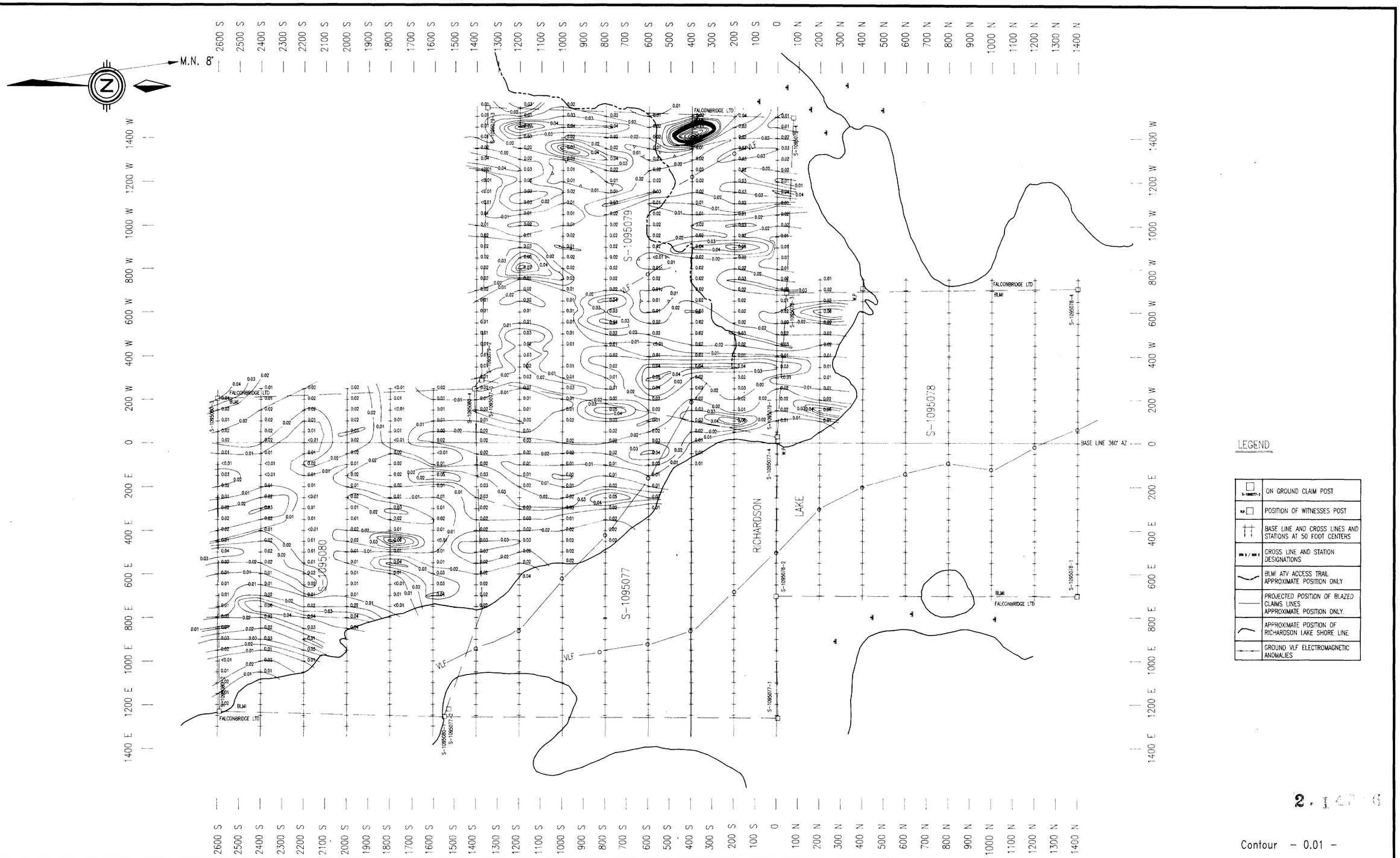
SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

BLM Inc.

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
BISMUTH (Bi.) P.P.M.

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO

DWG. NO.
91-5000-014



LEGEND

S-1095077-2	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
300 S / 600 E	CROSS LINE AND STATION DESIGNATIONS
	BLM ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

Contour – 0.01 –

DWG. NO.	REFERENCE DRAWING	DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

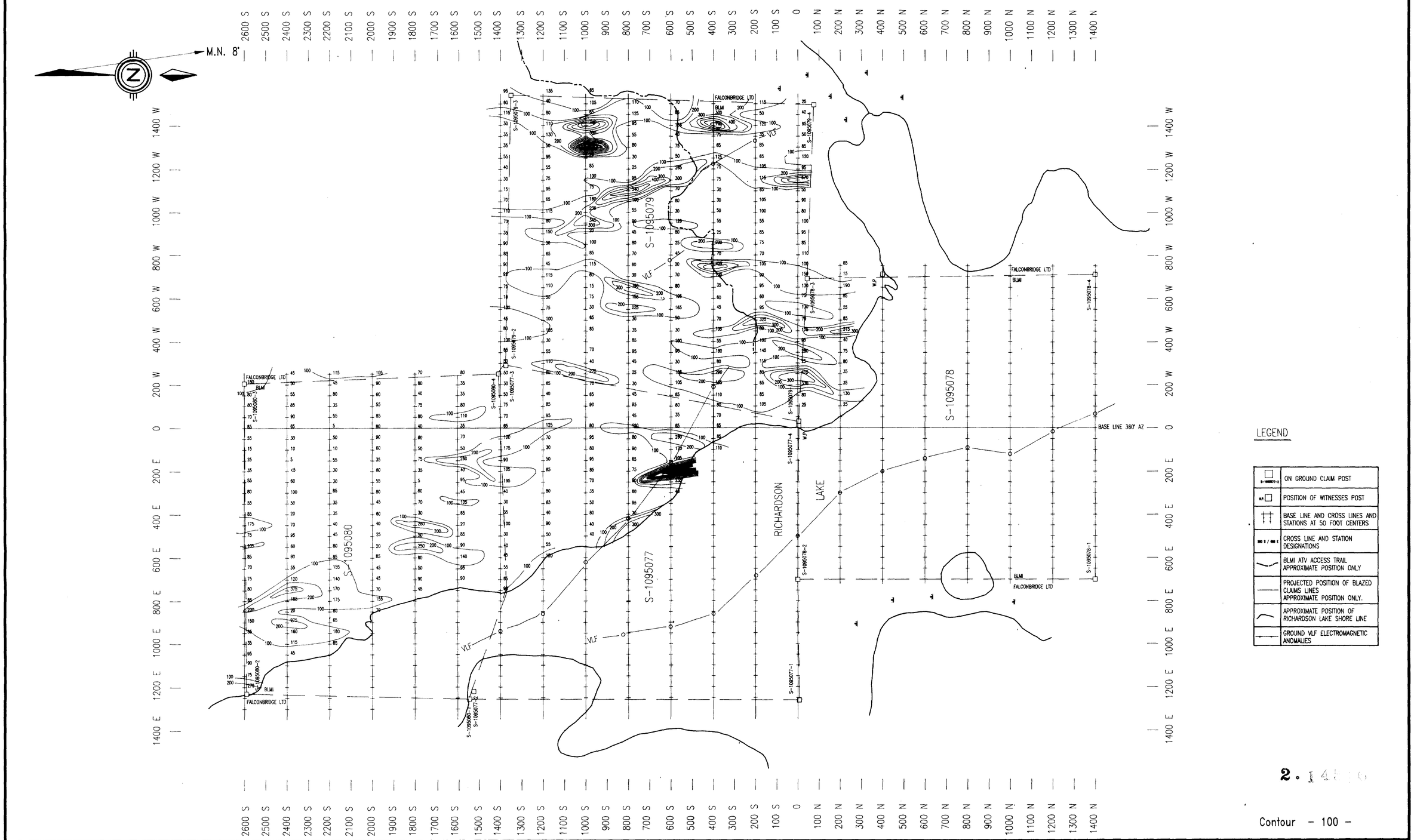
SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

BLM Inc

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
POTASSIUM (K.) %

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-015 REV.



LEGEND

S-1095079-3	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
200 S / 400 E	CROSS LINE AND STATION DESIGNATIONS
	BLMI ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

Contour - 100 -

NO.	DESCRIPTION OF REVISION	DATE	BY

NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

ICE DRAWING | DWG. NO. | REFERENCE DRAWING

BLM Inc.

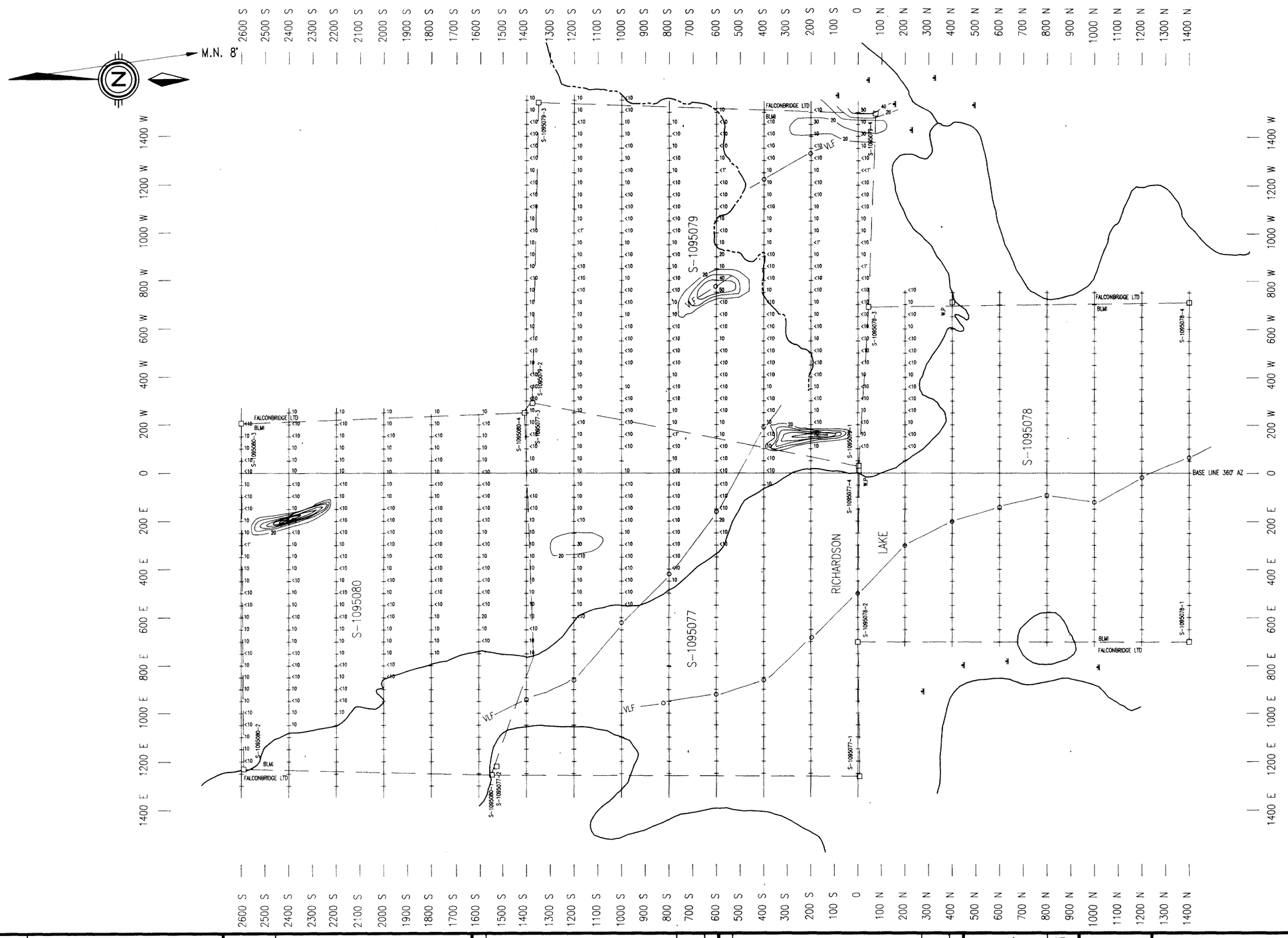
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
MANGANESE (Mn.) P.P.M.

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-016 REV.

41P14NW1004 2.14516 RHODES

360



LEGEND

	ON GROUND CLAIM POST
	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
	CROSS LINE AND STATION DESIGNATIONS
	BLMI ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

2. [illegible]6

Countour – 20 –

REFERENCE DRAWING	DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

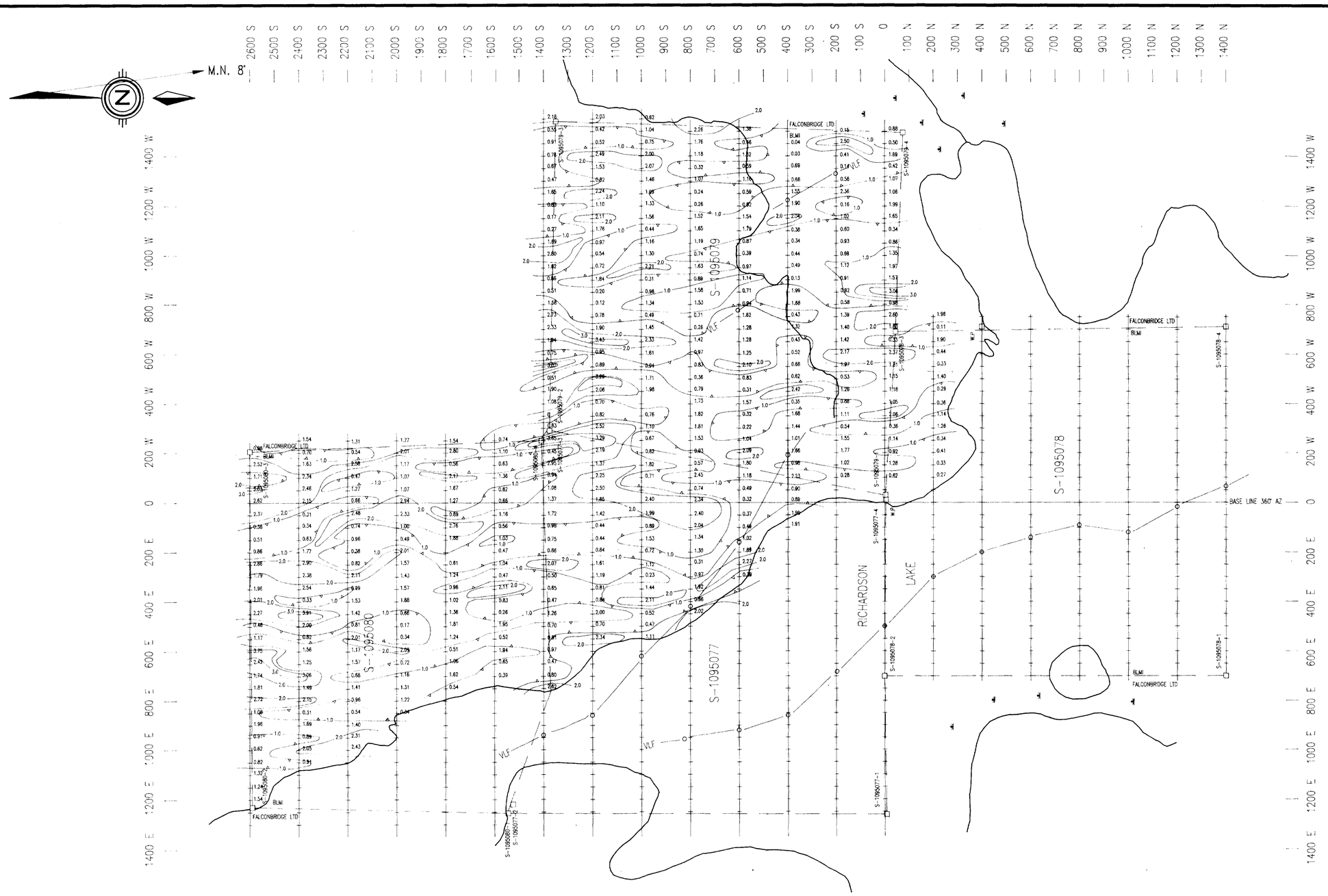
BLM Inc

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
LANTHANUM (La.) P.P.M.

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-017

REV.



LEGEND

S-1095077-2	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
300 S / 600 E	CROSS LINE AND STATION DESIGNATIONS
	BLM ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

ENCE DRAWING	DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

BLM Inc

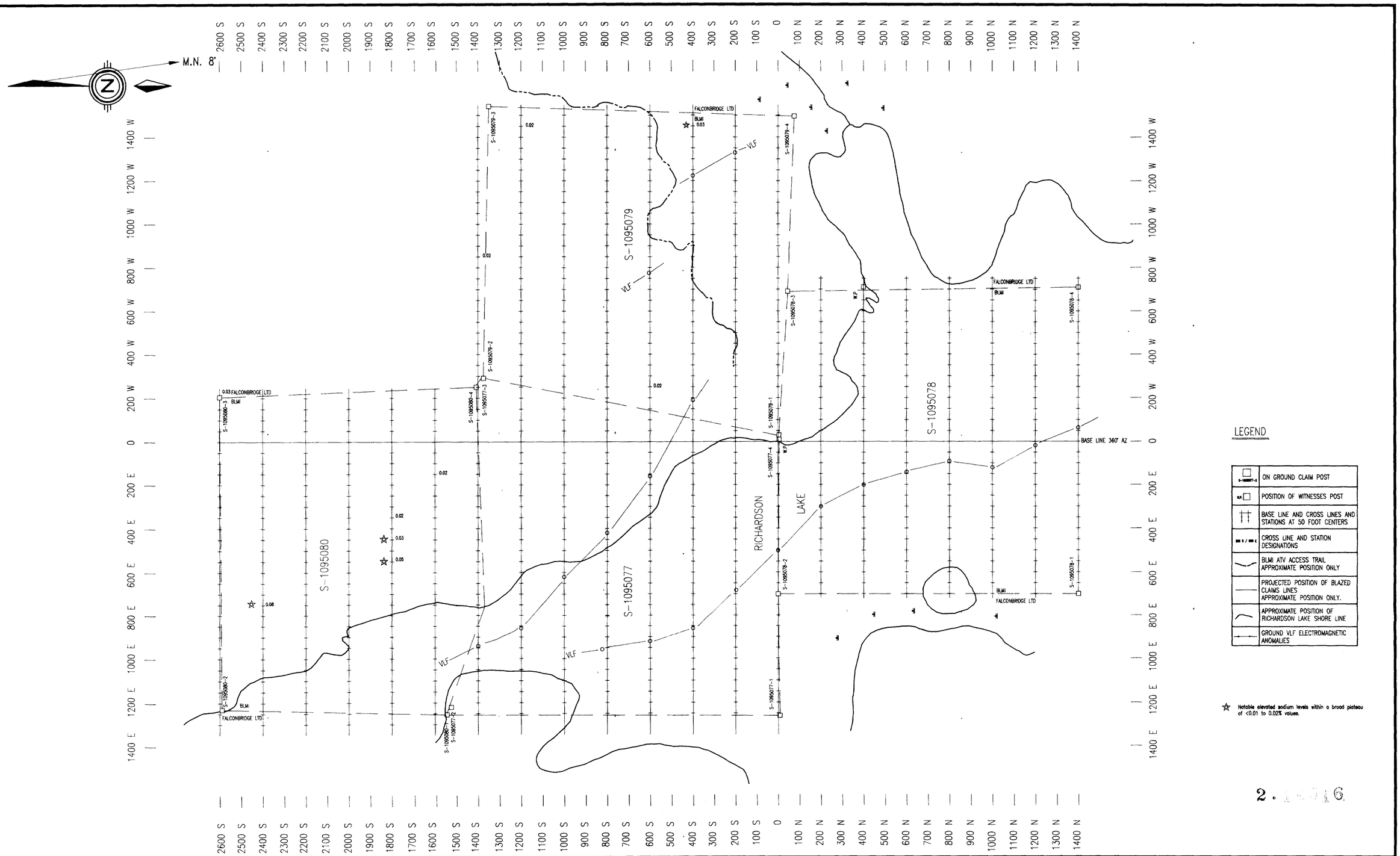
RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)

"C.HORIZ." SOIL GEOCHEMISTRY
ALUMINIUM (Al.) %

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-018

REV.



LEGEND

S-1095077-3	ON GROUND CLAIM POST
W.P.	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
300 S / 400 E	CROSS LINE AND STATION DESIGNATIONS
	BLMI ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

☆ Notable elevated sodium levels within a broad plateau of <0.01 to 0.02% values.

2.14516

DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

BLM Inc.

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
"C.HORIZ." SOIL GEOCHEMISTRY
SODIUM (Na.) %

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-019

REV.

M.N. 8°

FALCONBRIDGE LTD
BLMI

S-1095079

S-1095078

S-1095077

S-1095076

S-1095080

V.L.F

BASE LINE 360° AZ

N.I.S.
9720SN
70495E
ELEV. 1341 FT +/-

RL005301605 to RL008301608

RL009301609

RL009301602

RL009301603

RL009301604

RL003301644

1000-068A
1000-068B
1000-068C
1000-068D
301853
301854

452690-001

053099-001
(301924-014)

RL013301610 to RL026301626
RL028301628
RL029301629

RL001301601

BLMI
FALCONBRIDGE LTD

LEGEND

	ON GROUND CLAIM POST
	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
	CROSS LINE AND STATION DESIGNATIONS
	BLMI ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIM LINES APPROXIMATE POSITION ONLY
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

RECEIVED
APR 2 3 1992
MINING LANDS BRANCH

DWG. NO.	REFERENCE DRAWING	DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

BLM Inc.

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO.
ROCK SAMPLE LOCATION MAP

REV.

A-5000-020

41P14NW1004 2.14516 RHODES

400

M.N. 8°

PROBABLE R/W TO BE ROUTED

FORMER GRID

FALCONBRIDGE LTD
BLMI

S-1095079-3
S-1095079-4
S-1095079-2
S-1095079-1
S-1095078-4
S-1095078-3
S-1095078-2
S-1095078-1
S-1095077-4
S-1095077-3
S-1095077-2
S-1095077-1
S-1095080-4
S-1095080-3
S-1095080-2
S-1095080-1

S-1095080
S-1095077
S-1095078

VLF

Hi Sphalerite Showing

360 Vein Showing

Cu/Py.

Py/Zn/Cu

Mag/Py/Zn/Cu

Pb/Zn/Cu/Py/Pyrr.

Py/Zn/Pb.

Hem-Sphal Showing.

Py/Zn/Pb/As.

N°3 TARGET AREA

N°1 TARGET AREA

N°2 TARGET AREA

W.P.

BASE LINE 360° AZ

RICHARDSON LAKE

BLMI
FALCONBRIDGE LTD

2600 S 2500 S 2400 S 2300 S 2200 S 2100 S 2000 S 1900 S 1800 S 1700 S 1600 S 1500 S 1400 S 1300 S 1200 S 1100 S 1000 S 900 S 800 S 700 S 600 S 500 S 400 S 300 S 200 S 100 S 0 100 N 200 N 300 N 400 N 500 N 600 N 700 N 800 N 900 N 1000 N 1100 N 1200 N 1300 N 1400 N

1400 W 1200 W 1000 W 800 W 600 W 400 W 200 W 0

1400 E 1200 E 1000 E 800 E 600 E 400 E 200 E 0

PROPOSED TRENCHING LOCATIONS

PROPOSED DIAMOND DRILL HOLE LOCATIONS -45°

PROBABLE AREA OF INTENSIVE SOIL ORIENTATION GEOPHYSICAL SURVEY

PROBABLE ROCK OUTCROP AREA REQUIRING STRIPPING

LEGEND

	ON GROUND CLAIM POST
	POSITION OF WITNESSES POST
	BASE LINE AND CROSS LINES AND STATIONS AT 50 FOOT CENTERS
	CROSS LINE AND STATION DESIGNATIONS
	BLMI ATV ACCESS TRAIL APPROXIMATE POSITION ONLY
	PROJECTED POSITION OF BLAZED CLAIMS LINES APPROXIMATE POSITION ONLY.
	APPROXIMATE POSITION OF RICHARDSON LAKE SHORE LINE
	GROUND VLF ELECTROMAGNETIC ANOMALIES

Py – Pyrite
Pb – Lead (Galena)
Zn – Zinc (Sphalerite)
Cu – Copper (Chalcopyrite/Malachite/Chalcocite/Bornite)
Mag – Magnetite

2.14-16

E DRAWING	DWG. NO.	REFERENCE DRAWING	NO.	DESCRIPTION OF REVISION	DATE	BY	NO.	DESCRIPTION OF REVISION	DATE	BY

SCALE:	1"=200'	DATE
DESIGNED:	H. TRACANELLI	OCT/91
DRAWN:	M. BURKE	OCT/91
CHECKED:	H.J.T.	OCT/91
APPROVED:		

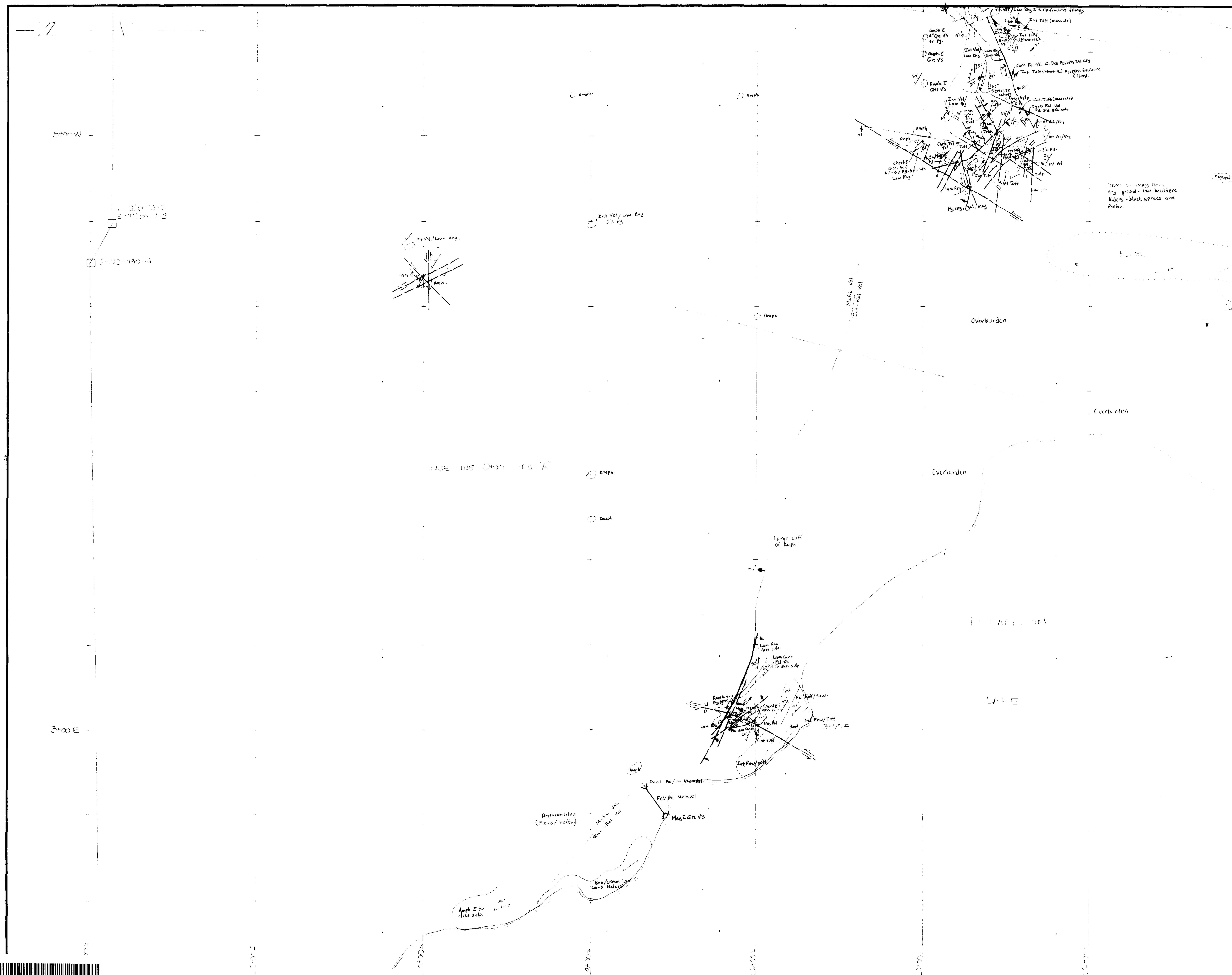
BLM Inc.

RICHARDSON LAKE PROPERTY
RHODES TOWNSHIP (G-4096)
SHOWINGS AND TARGET AREAS.

BHARTI LAAMANEN MINING INC.
SUDBURY, ONTARIO CANADA

DWG. NO. 91-5000-021

REV.



2.14516

NO.	REVISION	BY	DATE

Sherritt Lanmann Mining Inc
Richardson Lake Property
Rhodes Township (G-4096)

TITLE: Geological Plan, East Part of Claim S-1095073 and West Part of Claim S-1095077

DRW: Tarandelli	DATE: Dec 06/91	DRAWING NO: 91-5000-022
CHECK'D: HJT	DATE: Dec 06/91	
APPR'D:	SCALE: 1 inch = 50 ft.	SHT. NO:

41P14NW1004 2.14516 RHODES

420

41P14NW1004 2.14516 RHODES

430