ASSESSMENT REPORT

1993

COMPOSITE TALUS SAMPLING PROGRAM

on the

NELSON PROPERTY

SKEENA MINING DIVISION

LOCATED

17 KM NORTHEAST OF MT. ANDREAS VOGT
BRITISH COLUMBIA

CENTRED ON

LATITUDE: 56 03' NORTH
LONGITUDE: 129 30' WEST

NTS 104A/3W AND 104A/4E

OWNER

LAC MINERALS LTD.

OPERATOR

LAC MINERALS LTD.

REPORT BY

ADRIAN D. BRAY

SUMMARY

1993 COMPOSITE TALUS SAMPLING PROGRAM ON THE NELSON PROPERTY

Several days were spent collecting composite talus, and lesser soil, samples on LAC Minerals Ltd.'s Nelson property during August, 1993. The five claim, 2500 hectare property is located on the eastern flank of the coast Mountains, approximately 17 kilometres north-northeast of Mt. Andreas Vogt. The claim area is situated within Stikinia Terrane and straddles the contact between Lower Jurassic Hazelton Group to the west and Middle to Upper Jurassic Bowser Lake Group to the east. A potassium feldspar porphyritic granodiorite and a hornblende-plagioclase porphyry intrude the Hazelton Group rocks on the southwest and south central portion of the claim group.

The 1993 program was a follow-up evaluation of Bond Gold Canada Inc.'s/LAC Minerals Ltd. 1989, 1991 and 1992 assessment of the geological environment and mineralization potential. A total of 154 composite talus and 10 soil samples were collected, several of which yielded weakly anomalous gold, silver, copper,lead, zinc, arsenic and antimony.

The geological environment of the Nelson property is favourable for the style of gold and base metal mineralization known from the nearby Stewart camp. Further evaluation of the Nelson property is warranted. Detailed mapping and sampling in higher elevations on the Lisa 9 and 10, and Nelson 2 claims is recommended as a follow-up program to investigate 1993 results. Additional work should include detailed mapping and sampling by mountaineering personnel of the semi-massive to massive sulphide showing located in 1992. Uranium-lead age dating could be carried out in order to establish if the two intrusions are part of the Early Jurassic suite, metallogenically the most favourable for precious metal deposits in the Stewart area.

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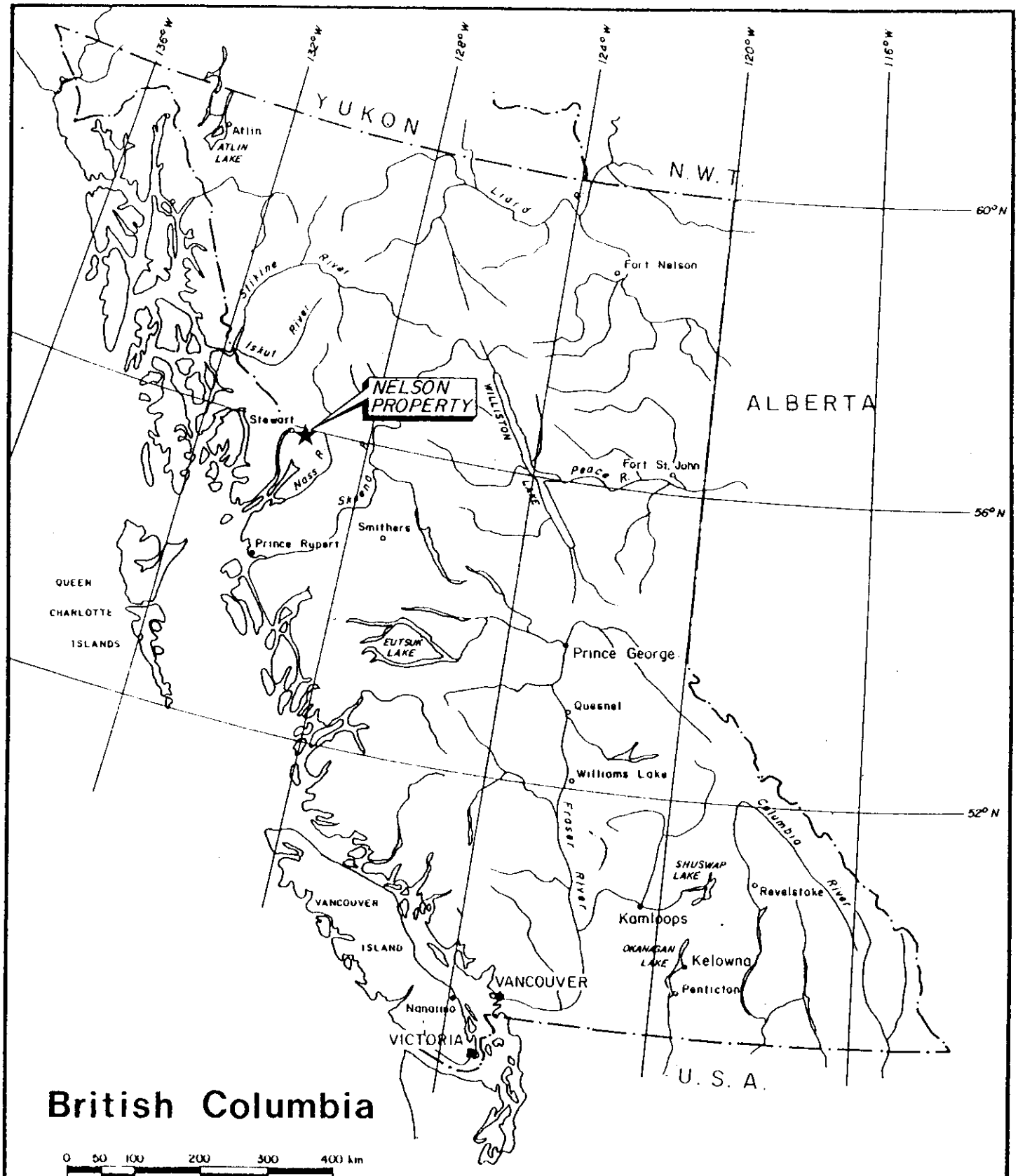
1.0 INTRODUCTION

The Nelson property is located at the eastern flank of the Coast Mountains approximately 30 kilometres northeast of Stewart, British Columbia (Figure 93-01). The nearest paved road is Highway # 37A, six kilometres to the north. Access to the property was gained by helicopter from LAC Minerals Ltd.'s Stewart and Red Mountain camps, approximately thirty and twelve kilometres to the northeast and south-southwest, respectively. Extensions of existing logging roads running west from the Meziadin-Kitwanga Highway could provide future road access.

The claim group is centred on latitude 56 03'North and longitude 129 30' West, and covers the area north and east of the Nelson Glacier. Elevations range from 550 to 2,130 metres above sea level. The slopes are predominately steep to precipitous, particularly on the southeast side of the Nelson Glacier. The use of mountaineering personnel was necessary.

The vegetation consists of a thin veneer of mountain hemlock and balsam that gives way to alpine meadows and bare rock at higher elevations. Trimlines mark the maximum extent of the ice during the "Little Ice Age", which culminated in the nineteenth century, and indicate a downwasting of the Nelson Glacier of approximately 150 metres in recent times, leaving steep, marginally stable vegetation-free moraine slopes.



LAC MINERALS LTD.			
NELSON PROPERTY			
GENERAL LOCATION MAP			
SCALE: AS SHOWN	N.T.S.: 104A/3W,4E	FIGURE: 93-01	
DATE: NOV. 1993			

The area has a coastal climate. Snowfall is heavy due to high elevations, northern latitude and proximity to the ocean. In the Stewart area mean annual snowfall ranges from 520 centimetres at sea level, 1,500 centimetres at 460 metres elevation (Bear Pass), and up to 2,250 centimetres at an elevation of 915 metres (Tide Lake Flats).

Wildlife consists of mountain goats, moose, grizzly and black bears, wolves, marmots, martens and ptarmigans.

An on-going evaluation of the mineral potential of the Nelson property was conducted by LAC Minerals Ltd. during the month of August, 1993. The exploration program consisted of detailed composite talus (n=154) and soil (n=10) sampling of the northern and southern slopes of the Nelson 1 and 2 claims.

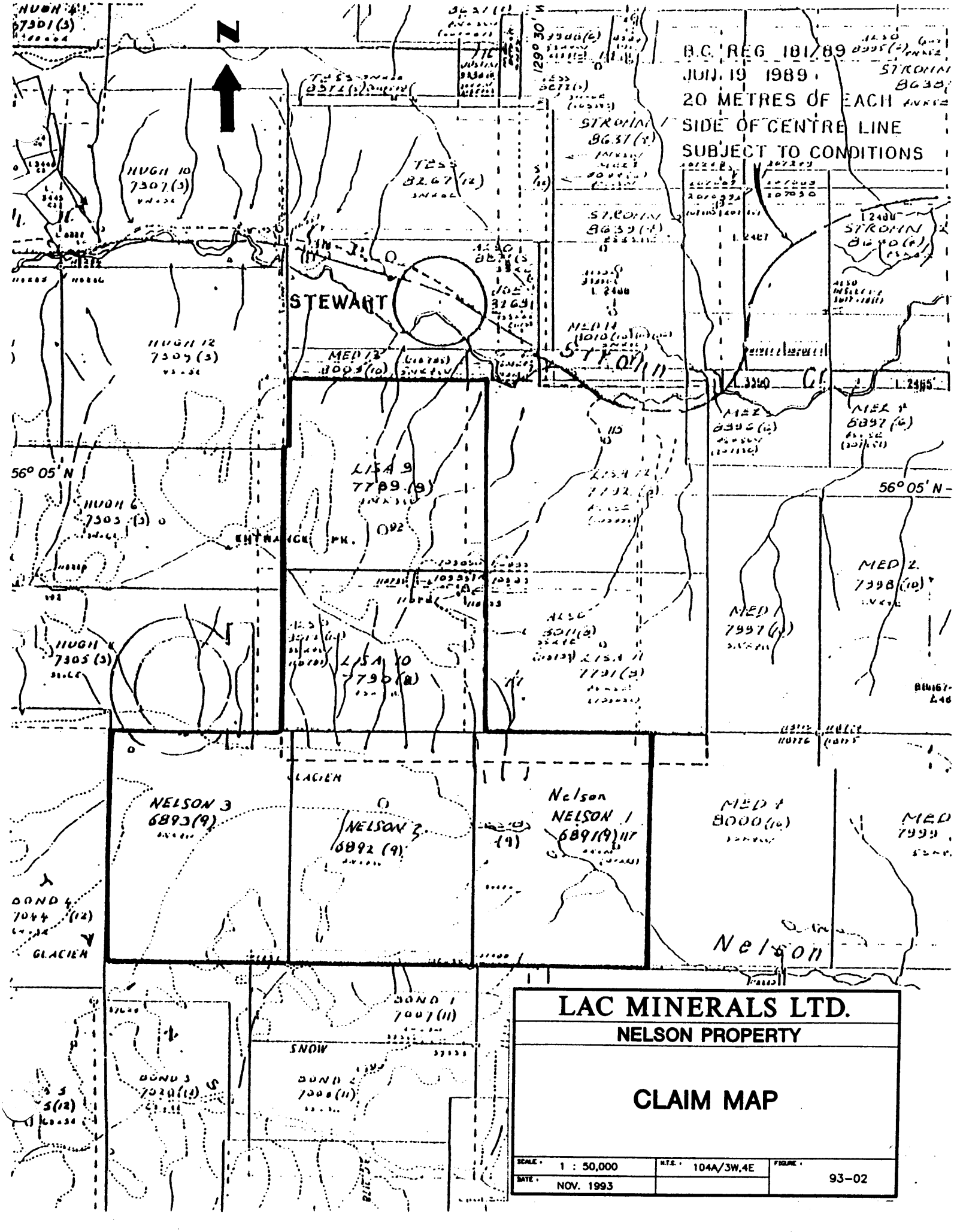
1.1 PROPERTY STATUS

The Nelson claim group, 100%-owned by LAC Minerals Ltd., is located within the Skeena Mining Division of British Columbia. The property covers 100 mineral units within five contiguous claims. Figures 93-02 and 93-02A show the location and disposition of the claims, respectively. Relevant claim information is summarized in Table 1.

TABLE 1

PROPERTY STATUS SUMMARY

CLAIM NAME	TITLE NO.	UNITS/HECTARES	RECORD DATE
NELSON 1	252212	20/500	21/09/88
NELSON 2	252213	20/500	21/09/88
NELSON 3	252214	20/500	21/09/88
LISA 9	252998	20/500	16/08/89
LISA 10	252999	20/500	16/08/89
TOTAL		100 UNITS/2500 HA	


N
B.C. REG 181/89
JUN. 19 1989
20 METRES OF EACH
SIDE OF CENTRE LINE
SUBJECT TO CONDITIONS
STEWART
56° 05' N
HUGH 10
7307(3)
HUGH 12
7309(3)
HUGH 6
7303(3)
HUGH 4
7305(3)
LISA 9
7789(9)
LISA 10
7790(8)
LISA 11
7791(9)
MED 2
7998(10)
MED 1
7997(6)
MED 4
8000(10)
NELSON 3
6893(9)
NELSON 2
6892(9)
Nelson
NELSON 1
6891(9)
BOND 4
7044(12)
BOND 1
7001(11)
BOND 2
7002(11)
BOND 3
7003(11)
SNOW
GLACIER
Nelson
LAC MINERALS LTD.
NELSON PROPERTY
CLAIM MAP
SCALE: 1 : 50,000
N.T.S.: 104A/3W,4E
FIGURE: 93-02
DATE: NOV. 1993

1.2 EXPLORATION HISTORY

There is little record of previous work in this area. Despite the fact that the three east-flowing creeks that drain the Cambria Icefield (Willoughby, Del Norte and Nelson Creeks) contain minor amounts of placer gold (GSC Memoir 32, p. 76), no systematic exploration for lode gold appears to have been undertaken.

1978/80: Exploration for porphyry copper-molybdenum targets; reconnaissance mapping, prospecting and stream sediment geochemistry by Falconbridge Nickel Mines Ltd.

1986: Prospecting, rock and silt sampling on the Nel claims by Noranda Exploration Ltd. (Assessment Report #16126)

1989: Prospecting, lithogeochemistry on the Nelson 1-3 claims by Bond Gold Canada Inc. (Assessment Report #19424)

1991: Prospecting, 1:10,000 geological mapping, lithogeochemical and stream sediment sampling by Bond Gold Canada Inc. (now Lac Minerals Ltd., Assessment Report #21813)

1992: Reconnaissance-style prospecting/mapping and lithogeochemical sampling by LAC Minerals Ltd. (Assessment Report #22570)

1993: Detailed talus and soil geochemical sampling by LAC Minerals Ltd. (this report)

2.0 REGIONAL GEOLOGY AND MINERALIZATION

GEOLOGY

The Nelson property is situated at the eastern margin of a broad, north-northwest trending volcano-plutonic belt composed of Upper Triassic Stuhini Group and Upper Triassic to Lower - Middle Jurassic Hazelton Group. This belt has been termed the "Stewart Complex" by Grove (1986) and forms part of the Stikinia Terrane. The Stikinia Terrane together with the Cache Creek and Quesnel Terranes constitute the Intermontane Superterrane which is believed to have accreted to North America in Middle Jurassic time (Monger et al, 1982). To the west, the Stewart Complex is bordered by the Coast Plutonic Complex. Sedimentary rocks of the Middle to Upper Jurassic Bowser Lake Group overlay the complex to the east.

The Jurassic stratigraphy was established by Grove (1986) during regional mapping between 1964 and 1968. Formational subdivisions have been and are in the process of being modified and refined as a result of recent work being undertaken in the Stewart, Sulphurets, and Iskut areas by the Geological Survey Branch of the BCMEMPR (Alldrick, 1984, 1985, 1989), the Geological Survey of Canada (Anderson, 1989; Anderson and Thorkelson, 1990) and the Mineral Deposits Research Unit at the University of British Columbia. A sedimentological, stratigraphic, and structural synthesis is slowly emerging for this area.

The Hazelton Group represents an evolving (alkalic/calc-alkalic) island arc complex capped by a thick succession of turbidites (Bowser Lake Group). Grove (1986) subdivided the Hazelton Group into four litho-stratigraphic units (time intervals defined by Alldrick 1987): the Upper Triassic to Lower Jurassic (Norian to Pliensbachian) Unuk River Formation, the Middle Jurassic Betty Creek (Pliensbachian to Toarcian) and Salmon River (Toarcian to Bajocian) Formations, and the Middle to Upper Jurassic (Bathonian to Oxfordian- Kimmeridigian) Nass Formation. Alldrick assigned formational status (Mt.Dilworth Formation) to a Toarcian rhyolite unit (Monitor Rhyolite) overlying the Betty Creek Formation. Rocks of the Salmon River Formation are transitional between the mostly volcanic Hazelton Group and the wholly sedimentary Bowser Lake Group and are presently treated either as the uppermost formation of the former or the basal formation of the latter (Anderson and Thorkelson, 1990). The Nass Formation has now been assigned to the Bowser Lake Group.

The Unuk River Formation, a thick sequence of andesitic flows and tuffs with minor interbedded sedimentary rocks, hosts several major gold deposits in the Stewart area. The unit is unconformably overlain by heterogeneous maroon to green, epiclastic volcanic conglomerates, breccias, greywackes and finer grained clastic rocks of the Betty Creek Formation. Felsic tuffs and tuff breccias characterize the Mt.Dilworth Formation. The Mt. Dilworth Formation represents the climactic and penultimate volcanic event of the

Hazelton Group volcanism and forms an important regional marker horizon. The overlying Salmon River Formation has been subdivided in the Iskut area into an Upper Lower Jurassic and a Lower Middle Jurassic member (Anderson and Thorkelson 1990). The Upper member has been further subdivided into three north-trending facies belts: the eastern Troy Ridge facies (starved basin), the medial Eskay Creek facies (back-arc basin), and the western Snippaker Mountain facies (volcanic arc).

Sediments of the Bowser Lake Group rest conformably on the Hazelton Group rocks. They include shales, argillites, silt- and mudstones, greywackes and conglomerates. The contact between the Bowser Lake Group and the Hazelton Group passes between Strohn Creek in the north and White River in the south. The contact appears to be a thrust zone with Bowser Lake Group sediment "slices" occurring within, and overlying, the Hazelton Group pyroclastic rocks to the west.

Two main intrusive episodes occur in the Stewart area: a Lower Jurassic suite of dioritic to granodioritic porphyries (Texas Creek Suite) that is comagmatic with extrusive rocks of the Hazelton Group and an Upper Cretaceous to Early Tertiary intrusive complex (Coast Plutonic Complex and satellite intrusions). The Early Jurassic suite is characterized by the occurrence of coarse hornblende, orthoclase and plagioclase phenocrysts and, locally, potassium feldspar megacrysts.

The Eocene Hyder quartz-monzonite, comprising a main batholith, several smaller plugs, and a widespread dyke phase, represents the Coast Plutonic Complex.

Middle Cretaceous regional metamorphism (Alldrick et. al., 1987) is predominantly of the lower greenschist facies. This metamorphic event may be related to west-vergent compression and concomitant crustal thickening at the Intermontane - Insular superterrane boundary (Rubin et. al., 1990). Biotite hornfels zones are associated with a majority of the quartz monzonite and granodiorite stocks.

Recent structural studies by Evenchick (1991b) indicate that Bowser Basin strata are part of a regional Skeena fold and thrust belt. This tectonism developed between latest Jurassic and early Tertiary time and involved strata at least as young as Lower and Middle Jurassic Hazelton Group. This implies that the thrust faults of this belt have affected rocks of Stikinia, and may root in the Coast Plutonic Complex.

No significant deformation has been described for the interval between the deposition of the Hazelton and Bowser Lake Groups. Evenchick (1991b) concludes that folds in the Hazelton Group are likely to be the result of shortening during the formation of the Skeena fold belt.

MINERALIZATION

The Stewart Complex is the setting for the Stewart (Silbak-Premier, Big Missouri), Iskut (Snip, Johnny Mountain, Eskay Creek), Sulphurets, and Kitsault (Alice Arm) gold/silver mining camps. Mesothermal to epithermal, depth-persistent gold-silver veins form one of the most significant types of economic gold deposits. There is a spatial as well as temporal association of this gold mineralization with Lower Jurassic calc-alkaline intrusions and volcanic centres. These intrusions are often characterized by 1-2 cm-sized potassium feldspar megacrysts and correspond to the top of the Unuk River Formation.

The most prominent example of this type of deposit is the historic Silbak-Premier gold-silver mine which has produced 56,600 kg gold and 1,281,400 kg silver between 1918 and 1976. Current open pit reserves are 5.9 million tonnes grading 2.16 g Au/t and 80.23 g Ag/t (Randall, 1988). The ore is hosted by Unuk River Formation andesites and comagmatic Texas Creek porphyritic dacite sills and dikes. The ore bodies comprise a series of en echelon lenses developed over a strike length of 1,800 metres and through a vertical range of 600 metres (Grove, 1986; McDonald, 1988). The mineralization is controlled by northwesterly and northeasterly trending structures and their intersections, but also occurs locally concordant with andesitic flows and breccias. Two main vein types occur: silica-rich, low-sulphide precious metal veins and sulphide-rich base metal veins. The precious metal veins are

more prominent in the upper level of the deposit and contain polybasite, pyrargyrite, argentiferous tetrahedrite, native silver, electrum, and argentite. Pyrite, sphalerite, chalcopyrite and galena combined are generally less than 5%. The base metal veins crosscut the precious metal veins and increase in abundance with depth. They contain 25 to 45% combined pyrite, sphalerite, chalcopyrite and galena with minor amounts of pyrrhotite, argentiferous tetrahedrite, native silver, electrum and arsenopyrite. Quartz is the main gangue material, with lesser amounts of calcite, barite, and some adularia. Mineralization is associated with strong silicification, feldspathization, and pyritization. A temperature range of 250 to 260 degrees celsius has been determined for the deposition of the precious and base metals (McDonald, 1990).

The Eskay Creek gold deposits are underlain by Lower to Middle Jurassic volcanic and sedimentary rocks of the Hazelton Group. Mineralization occurs in two separate zones, the 21A zone and the 21B zone. The former shows epithermal deposit characteristics, while the latter shows volcanogenic massive sulphide characteristics. The 21A zone is a rhyolite-hosted, stockwork and disseminated sulphide suite containing stibnite +/- realgar +/- orpiment +/- tetrahedrite +/- cinnabar. Vertical geochemical and mineralogical zonation indicates increasing temperatures and base metal content with depth. The 21B zone is a stratabound massive sulphide hosted by a graphitic argillite unit which overlies a

rhyolite unit. Gold mineralization occurs along with sphalerite, galena, tetrahedrite and Pb-sulfosalts. Probable reserves, using a 8.6 gram gold cut-off and a minimum 2 metre thickness, for the 21A and 21B zones have been published as 183,000 tonnes at 24.3 grams gold and 233.1 grams silver per ton, and 1,073,000 tonnes at 56.9 grams gold and 1,484.6 grams silver per ton, respectively (Blackwell, 1990).

Middle Eocene silver-lead-zinc veins are characterized by high silver to gold ratios and by spatial association with molybdenum and/or tungsten occurrences. They are structurally controlled and lie within north, northwest, and east-trending faults. This mineralization is less significant in economic terms.

Porphyry molybdenum deposits are associated with the Tertiary Alice Arm Intrusions, a belt of quartz-monzonite intrusions parallel to the eastern margin of the Coast Plutonic Complex. An example of this type of deposits is the B.C. Molybdenum Mine at Lime Creek.

3.0 PROPERTY GEOLOGY, STRUCTURE & MINERALIZATION (FIGURE 93-03)

GEOLOGY

The majority of the Lisa 9 and 10 claims are underlain by strong north-northwest sheared Unuk River Formation andesitic volcanics, with the southeast corner of the Lisa 10 claim underlain by Bowser Lake Group argillites. The faulted contact between the two units strikes at 350 degrees, with dips of 50-70 degrees to the east. Northwest to north-trending Bear River Pass felsic dykes are noted on precipitous north-facing slopes on the southwestern corner of the Lisa 9 claim. Approximately 35% of these two claims is covered by ablating icefields and glaciers.

The Nelson 2 and 3 claims are underlain by porphyritic andesites, andesitic ash and lapilli tuffs and minor argillites of the Unuk River Formation. Unuk River Formation rocks on the south-central portion of the Nelson 3 claim are intruded by a hornblende-plagioclase porphyry. The porphyry covers a 500 metre northerly-extending ridge. It is bound by ice on the east, and drops off steeply into the Nelson Glacier to the west. Both the andesitic volcanics and the porphyry are cross-cut by numerous andesitic dykes and coarser-grained, vertically dipping porphyry dykes trending from 140 to 180 degrees. A potassium feldspar-rich porphyritic granodiorite intrusion extends under the Nelson Glacier to the north side of the glacier on the Nelson 3 claim. North-northwest trending, steep to moderately east-dipping argillites, siltstones and sandstones of the Bowser Lake Group occur on the

Nelson 1 claim.

STRUCTURE

Two structural elements on the Nelson 2 claim, south of Nelson Glacier, include north-trending brittle faults and an older west-northwest trending foliation. Numerous north-trending vertical brittle faults define 10 metre wide zones of brecciation and densely spaced fault parallel fractures. The fracturing and brecciation related to the brittle faults are superimposed on zones of an older foliation of chlorite-rich and silicious layering, one to two millimetres in width. Outside the brittle shear zones, the foliation strikes west-northwest with steep northerly to vertical dips. Close to and within the brittle shear zones, the foliation is rotated into parallelism with the vertical north trending faults.

Numerous 0.50 metre wide faults of variable orientation occur at the contact between the Unuk River Formation and the hornblende plagioclase porphyry unit on the Nelson 3 claim. As a result of the faulting, large blocks of Unuk River Formation rocks may have been displaced and rotated. Erratic bedding orientations are observed in this area.

A north-south trending, 100 to 150 metre wide shear zone within the Unuk River Formation volcanics occurs at the southeast corner on the Nelson 3 claims. The shear zone is highly fractured and iron-

stained and contains numerous quartz-carbonate veinlets.

MINERALIZATION

No significant mineralization is noted at, or proximal to the fault structure associated with the faulted Bowser Lake Group/Unuk River Formation contact on the Lisa 10 and Nelson 1 claims. Sulphide mineralization consists of between 1% and 5% fine disseminated pyrite, with a higher percentage generally found in the sedimentary Bowser Lake Group rocks.

Gossanous areas on the southwestern and central portion of the Lisa 9 claim are attributed to up to 2% fine disseminated pyrite and traces of pyrrhotite, as well as minor iron-carbonate.

No significant sulphides have been found associated with the brittle faults on the Nelson 2 claim. Staining associated with these faults is due to iron-carbonates. Minor quartz-carbonate veining within the brittle faults contain up to 3% galena with traces of chalcopyrite.

A north-south trending shear zone on the Nelson 3 claim contains trace amounts of pyrite, chalcopyrite and malachite. Faults, fractures and quartz veins associated with the contact between the hornblende-plagioclase porphyry and the andesitic volcanics on Nelson 3 contain traces of pyrite.

Float samples in the vicinity of the potassium feldspar porphyry on the north side of the Nelson Glacier, on the Nelson 2 and 3 claims, contain up to 1% chalcopyrite, 2% sphalerite, 2% pyrite and 6% pyrrhotite.

The source of the semi-massive to massive sulphide float discovered in 1991 was located in outcrop on a steep rock face at 2,400 feet (732 m) elevation on the Nelson 2 claim in 1992. The source outcrop consists of 2-6 cm wide massive chalcopyrite and pyrite veins within a 1.5 metre zone of 10-15% chalcopyrite and pyrite in dark green aphanitic chlorite. The host rock is a green andesitic fine to coarse tuff, with green and maroon andesitic lapilli tuff beds 20-50 metres to the east. The zone is visible for 20 metres parallel to the dominant cleavage (340/60E), which is subparallel to the bedding in the area. The mineralization disappears on both the north and south ends. Chip-channel samples across the massive sulphide zone in 1992 returned copper values of up to 3.46%. Grab samples yielded copper values of up to 7.96%. High copper showed a good correlation with elevated silver and arsenic, and to weakly anomalous gold.

4.0 1993 PROGRAM AND RESULTS (FIGURE 93-03, APPENDICES A & B)

The 1993 sampling program on the Nelson claim group consisted of a series of composited talus samples of -1/2 inch material screened from talus collected along traverses across the northern and southern talus slopes at the foot of Nelson Glacier walls. It was felt that this sampling method would be analogous to channel samples taken along the walls themselves. Analytical results derived from samples taken on LAC Minerals Ltd. Red Mountain property in 1989 indicated that known mineralization high on slopes is reflected by composited talus samples. Visual inspection of the analytical data suggested that different background gold contents may apply to different traverses.

DISCUSSION ON 1993 COMPOSITE TALUS SAMPLING PROGRAM

The ensuing discussion on sampling error and traverse length for composite talus sampling is derived largely from an in-house Bond Gold Canada Inc. memo dated 09/03/90. The composite talus sampling method was used in September, 1989 on LAC Minerals Ltd. Red Mountain property, twelve kilometres to the south-southwest.

Sampling error is inversely related to sample size and grade, and directly related to the cube of the diameter (in centimeters) of the particles making up the sample. A particle diameter of one centimeter thus marks an important break where greater values increase rapidly above unity, and smaller values decrease rapidly.

For one centimetre diameter particles, the cube remains unity. By choosing a relatively small diameter, a bulk composite sample contains a relatively large number of particles which provides a more representative sample of the sampled medium.

The longer the length of the traverse along which a series of composited samples is collected to make up a bulk sample, the lower will be the number of bulk samples needed to cover a given length of wall. However, if the outcrop width of mineralized rock on the wall is relatively short, a longer traverse will provide more dilution from surrounding non-mineralized rocks. Thus, there must be a compromise between dilution and the number of samples when considering the length of the traverse along which a single sample is composited.

Recognizing that there would be some lateral dispersion of material as it moved down the north and south walls of the Nelson Valley to the talus apron below, and trying to optimize the number of samples to be collected, it was planned that the each bulk sample would consist of 20 sub-samples collected at 5 metre intervals along a traverse which would be 100 metres in overall length. Once in the field, however, the overall sample traverse lengths on the northern talus slope changed over the course of the sampling program, largely due to the varying nature of the terrain, and, to a lesser degree, availability of talus material. Where sample traverses were 50 metres in length, 10 sub-samples were collected at 5 metre

intervals. Where sample traverses were 25 metres in length, 5 sub-samples were collected at 5 metre intervals.

Table 2 summarizes the traverse lengths for samples collected on the northern slopes (n=113). Of these 113 samples, 10 represent soil samples (SN93-01 to SN93-10), and 103 represent composited talus samples (TN93-001 to TN93-101, TN93-200 to TN93-202). Samples collected from the southern talus apron (n=51, TN93-101 to TN93-151) were all collected over traverse lengths of 100 metres. All samples were analyzed by Chemex Labs Ltd. of North Vancouver. Assay certificates are provided in Appendix A.

TABLE 2

NORTH TALUS SLOPE TRAVERSE LENGTH SUMMARY

SAMPLE # SERIES	SAMPLE TRAVERSE LENGTH (m)
TN93-001 to TN93-031	50
SN93-01 to SN93-03	50
TN93-032 to TN93-047	100
SN93-04 to SN93-09	100
TN93-048 to TN93-100	25
TN93-200 to TN93-202	25
SN93-10	25

DISCUSSION OF 1993 RESULTS

Three summaries of the 1993 analytical results for Au, Ag, Cu, Pb, Zn, As, and Sb are provided for in Appendix B of the report. The first analytical summary lists results for all samples collected (n=164). The second analytical summary list results for samples collected within the Bowser Basin sediments (n=81), and the third

lists results for samples collected within the Hazelton Group volcanics (n=83). Mean values for Au, Ag, Cu, Pb, Zn, As, and Sb have been calculated in each of the summaries. Table 3 lists significant assays results for samples (n=74) in which any one of the following criteria is satisfied:

Au > 10 ppb
Ag > 1 ppm (approx. 3 times the mean of all samples)
Cu > 140 ppm (approx. 2 times the mean of all samples)
Pb > 25 ppm (approx. 2 times the mean of all samples)
Zn > 400 ppm (approx. 2 times the mean of all samples)
As > 100 ppm (approx. 2 times the mean of all samples)
Sb > 5 ppm (approx. 2 times the mean of all samples)

The "Anomaly Type" column of Table 3 highlights elements which have satisfied the above. A comparison of mean values for the four analytical summary types (all samples, Bowser Basin, Hazelton Group, significant results) is tabulated in Table 4.

Gold: Comparing sample location to lithology for gold greater than 10 ppb (n=37), thirteen of thirty-seven samples are found within Bowser Basin sediments, the remaining twenty-four within Hazelton Group volcanics. The highest single gold value of 570 ppb (TN93-072), approximately 565 m west of the Bowser-Hazelton contact on the north slope, occurs in a cluster of three elevated gold samples (TN93-070 to TN93-072) averaging 205 ppb. The average is strongly skewed by the single high value. From Table 4, the mean gold value for all gold samples is 8.8 ppm. Based on sample location, the mean gold values for samples collected in the Bowser sediments and those collected in Hazelton volcanics is 2.7 and 14.8 ppm, respectively. A visual inspection of the "Anomaly Type" column of

Table 3 suggests a strong correlation of gold with arsenic, and to a lesser degree with silver and possibly lead.

Silver: Twelve samples yielded assay values of greater than 1 ppm silver. Ten of the twelve were collected from within Bowser sediments and two from Hazelton volcanics. Mean silver for all samples, and for those collected within Bowser and Hazelton, is calculated at 0.3, 0.5 and 0.1 ppm, respectively. The single highest silver assay of 5.2 ppm (TN93-026) occurs roughly 450 metres west of the eastern border of the Nelson 1 claim. A cluster of three elevated silver samples (TN93-011 to TN93-013) at the beginning of the northern traverse line averages 2.6 ppm. Elevated silver appears weakly correlated with elevated gold.

Copper: Of eleven samples which returned copper greater than 140 ppm, all were located within the Hazelton volcanics. A cluster of five samples (TN93-140 to TN93-144) collected on the southern talus slope averages 150.4 ppm Cu. All samples, Bowser-only and Hazelton-only sample means from Table 4 are calculated at 68.4, 45.4, and 90.9, respectively. Elevated copper appears poorly correlation with any of the other six elements.

Lead: From Table 3, thirteen assays yielded lead greater than 25 ppm, all of which are located within the Hazelton volcanics. A clustering of three samples near the end of the northern slope traverse (TN93-098 to TN93-100) averages 33.3 ppm lead. Calculated

TABLE 3: SIGNIGICANT ASSAYS

SAMPLE #	Au_ppb	Ag_ppm	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Sb_ppm	"ANOMALY TYPE"
TN-93-011	**15.0**	**1.8**	72.0	18.0	**528.0**	**132.0**	**32.0**	Au/Ag/Zn/As
TN-93-012	**10.0**	**5.0**	72.0	4.0	**1620.0**	74.0	**18.0**	Au/Ag/Zn/Sb
TN-93-013	5.0	**1.0**	40.0	12.0	338.0	26.0	4.0	Ag
TN-93-014	<5	0.2	47.0	8.0	**444.0**	34.0	4.0	Zn
TN-93-017	<5	<0.2	53.0	8.0	**462.0**	30.0	<2.	Zn
TN-93-018	<5	**1.6**	55.0	6.0	192.0	30.0	2.0	Ag
TN-93-020	<5	**1.2**	42.0	10.0	318.0	28.0	<2.	Ag
TN-93-026	<5	**5.2**	18.0	<2.	86.0	50.0	**6.0**	Ag/Sb
TN-93-027	**10.0**	0.4	24.0	2.0	130.0	42.0	<2.	Au
TN-93-028	**20.0**	0.8	31.0	8.0	148.0	84.0	4.0	Au
TN-93-029	**30.0**	0.4	22.0	6.0	166.0	66.0	4.0	Au
TN-93-033	**10.0**	0.2	25.0	2.0	88.0	2.0	<2.	Au
TN-93-035	**10.0**	0.6	23.0	12.0	362.0	6.0	<2.	Au
TN-93-036	**10.0**	**1.6**	28.0	14.0	**574.0**	**100.0**	4.0	Au/Ag/Zn/As
TN-93-041	<5	**1.6**	70.0	16.0	**670.0**	70.0	4.0	Ag/Zn
TN-93-042	**15.0**	**1.2**	65.0	18.0	**1598.0**	**124.0**	4.0	Au/Ag/Zn/As
TN-93-043	**10.0**	0.8	50.0	14.0	**438.0**	**196.0**	**8.0**	Au/Zn/As/Sb
TN-93-045	<5	**1.6**	63.0	8.0	**1020.0**	72.0	**6.0**	Ag/Zn/Sb
TN-93-048	**10.0**	0.4	79.0	8.0	252.0	50.0	2.0	Au
TN-93-052	<5	<0.2	53.0	18.0	**410.0**	**180.0**	**6.0**	Zn/As/Sb
TN-93-054	<5	0.6	42.0	16.0	**502.0**	40.0	2.0	Zn
TN-93-056	<5	0.8	68.0	16.0	**426.0**	66.0	4.0	Zn
TN-93-057	<5	0.4	57.0	12.0	**520.0**	**128.0**	2.0	Zn/As
TN-93-058	**10.0**	<0.2	73.0	14.0	148.0	**158.0**	2.0	Au/As
TN-93-059	**40.0**	<0.2	64.0	20.0	104.0	**680.0**	2.0	Au/As
TN-93-060	**10.0**	<0.2	58.0	6.0	94.0	**218.0**	4.0	Au/As
TN-93-061	**140.0**	<0.2	35.0	**28.0**	154.0	92.0	<2.	Au/Pb
TN-93-062	<5	0.6	35.0	**36.0**	98.0	58.0	<2.	Pb
TN-93-065	<5	<0.2	28.0	20.0	104.0	**134.0**	<2.	As
TN-93-067	<5	<0.2	50.0	22.0	64.0	46.0	**6.0**	Sb
TN-93-070	**20.0**	<0.2	38.0	12.0	86.0	**316.0**	2.0	Au/As
TN-93-071	**25.0**	<0.2	42.0	20.0	118.0	**212.0**	2.0	Au/As
TN-93-072	**570.0**	<0.2	54.0	**46.0**	128.0	64.0	<2.	Au/Pb
TN-93-074	<5	<0.2	64.0	**30.0**	148.0	**126.0**	4.0	Pb/As
TN-93-075	**10.0**	<0.2	64.0	**48.0**	154.0	**164.0**	4.0	Pb/As
TN-93-076	**10.0**	<0.2	70.0	12.0	118.0	**112.0**	4.0	Au/As
TN-93-077	**15.0**	<0.2	75.0	14.0	124.0	**118.0**	2.0	Au/As
TN-93-078	**10.0**	<0.2	84.0	18.0	124.0	**132.0**	4.0	Au/As
TN-93-079	**25.0**	<0.2	79.0	18.0	118.0	**142.0**	<2.	Au/As
TN-93-080	**15.0**	<0.2	78.0	12.0	114.0	**138.0**	2.0	Au/As
TN-93-081	<5	<0.2	73.0	16.0	150.0	**116.0**	<2.	As
TN-93-082	**10.0**	<0.2	84.0	18.0	104.0	**100.0**	2.0	Au/As
TN-93-086	<5	<0.2	**166.0**	6.0	96.0	24.0	<2.	Cu
TN-93-089	**15.0**	<0.2	76.0	16.0	128.0	88.0	2.0	Au
TN-93-095	**15.0**	<0.2	70.0	18.0	160.0	32.0	2.0	Au
TN-93-097	<5	0.2	43.0	**36.0**	192.0	50.0	**6.0**	Pb/Sb
TN-93-098	15.0	0.2	63.0	**32.0**	190.0	44.0	**6.0**	Pb/Sb
TN-93-099	5.0	0.4	56.0	**32.0**	194.0	24.0	**6.0**	Pb/Sb
TN-93-100	**10.0**	0.2	63.0	**26.0**	188.0	58.0	2.0	Au
TN-93-109	<5	0.6	75.0	24.0	**488.0**	**110.0**	**6.0**	Zn/As/Sb
TN-93-110	<5	0.4	68.0	10.0	340.0	34.0	**6.0**	Sb
TN-93-111	<5	0.2	92.0	6.0	162.0	40.0	**6.0**	Sb
TN-93-119	**10.0**	<0.2	78.0	2.0	86.0	4.0	2.0	Au
TN-93-122	**15.0**	0.6	60.0	**26.0**	150.0	56.0	2.0	Au/Pb
TN-93-123	<5	**1.0**	120.0	**26.0**	152.0	34.0	2.0	Ag/Pb
TN-93-125	<5	1.4	**153.0**	**42.0**	194.0	34.0	**6.0**	Ag/Cu/Pb/Sb
TN-93-128	<5	<0.2	**178.0**	8.0	86.0	<2.	2.0	Cu
TN-93-133	<5	<0.2	**148.0**	8.0	84.0	4.0	<2.	Cu
TN-93-140	<5	<0.2	**147.0**	8.0	70.0	<2.	<2.	Cu
TN-93-141	<5	<0.2	**164.0**	8.0	66.0	<2.	2.0	Cu

TABLE 3: SIGNIGICANT ASSAYS

SAMPLE #	Au_ppb	Ag_ppm	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Sb_ppm	"ANOMALY TYPE"
TN-93-142	<5	<0.2	**144.0**	2.0	68.0	6.0	<2.	Cu
TN-93-143	<5	<0.2	**154.0**	6.0	68.0	<2.	2.0	Cu
TN-93-144	5.0	<0.2	**143.0**	6.0	58.0	<2.	<2.	Cu
TN-93-145	**20.0**	<0.2	136.0	4.0	54.0	<2.	4.0	Au
TN-93-147	**155.0**	<0.2	125.0	4.0	60.0	4.0	<2.	Au
TN-93-148	**20.0**	<0.2	**144.0**	2.0	66.0	4.0	2.0	Au/Cu
TN-93-151	<5	<0.2	**166.0**	10.0	114.0	<2.	4.0	Cu
TN-93-200	5.0	0.2	67.0	**32.0**	220.0	**112.0**	**6.0**	Pb/As
SN-93-03	**15.0**	0.4	20.0	2.0	332.0	46.0	2.0	Au
SN-93-04	**10.0**	0.6	31.0	6.0	**448.0**	82.0	2.0	Au/Zn
SN-93-07	**10.0**	0.2	38.0	14.0	**520.0**	66.0	2.0	Au/Zn
SN-93-08	<5	0.6	33.0	10.0	**468.0**	**104.0**	**6.0**	Zn/As/Sb
SN-93-09	5.0	0.4	55.0	12.0	**576.0**	88.0	4.0	Zn
SN-93-10	<5	0.2	51.0	12.0	**434.0**	**130.0**	4.0	Zn/As
mean	**18.9**	**0.5**	**72.6**	**14.9**	**271.0**	**81.5**	**3.4**	**Au/Ag/(Pb,Zn),As/Sb**

TABLE 4

COMPARISON OF MEANS

GROUPING	ALL(N=164)	BOWSER(N=81)	HAZELTON(N=83)	SIG.(N=74)
MEAN AU*	8.8	2.7	14.8	18.9
MEAN AG	0.3	0.5	0.1	0.5
MEAN CU	64.4	45.4	90.9	72.6
MEAN PB	12.3	9.0	15.6	14.9
MEAN ZN	197.9	285.7	112.3	271.0
MEAN AS	52.3	44.3	60.0	81.5
MEAN SB	2.3	2.8	1.9	3.4

* given in ppb, all other results in ppm

means for lead for all samples, Hazelton-only and Bowser-only samples gives 12.3, 9.0 and 15.6 ppm, respectively. Elevated lead appears moderately correlated with elevated gold, arsenic and antimony.

Zinc: Nineteen samples assayed zinc greater than 400 ppm, all of which are found within Bower Basin sediments. A cluster of three samples (TN93-041 to TN93-043), approximately 600 metres east of the Bowser-Hazelton contact on the northern slope, averages 902 ppm zinc. Mean zinc for all samples, Bowser-only and Hazelton-only samples are calculated at 197.9, 285.7, and 112.3 ppm, respectively. Elevated zinc appears moderately correlated to elevated gold, silver, arsenic and antimony.

Arsenic: Twenty-five samples yielded arsenic greater than 100 ppm. Nine of the twenty-five samples are within Bowser sediments, the remaining sixteen within the Hazelton group rocks. A clustering of

nine samples (TN93-074 to TN93-082), approximately 800 metres west of the Bowser-Hazelton contact on the northern slope, averages 127.6 ppm arsenic. Mean arsenic for all, Bowser-only and Hazelton-only samples are calculated at 52.3, 44.3 and 60.0, respectively. Arsenic appears strongly correlated to gold and zinc, and to a lesser degree with silver, lead and antimony.

Antimony: From Table 3, sixteen samples assay greater than 5 ppm antimony. Ten of the sixteen samples are found in Bowser sediments, the remaining six in Hazelton volcanics. The single highest antimony value of 32 ppm occurs in a two sample cluster (TN93-011 to TN93-012), within Bowser sediments near the start of the northern traverse, which averages 25 ppm. A three sample cluster (TN93-097 to TN93-099), within Hazelton volcanics near then end of the northern traverse line, averages 6 ppm. Mean antimony for all samples, Bowser-only and Hazelton-only samples are calculated at 2.3, 2.8, and 1.9 ppm, respectively. Elevated antimony appears strongly correlated to zinc and silver, and to a lesser degree with lead, arsenic and gold.

5.0 CONCLUSIONS AND RECOMMENDATIONS

A total of 154 composite talus and 10 soil samples were collected from northern and southern traverses on the east and central portions of the Nelson claim group. Analytical data, most from within Hazelton Group volcanic rocks, indicate variable clustering of weakly anomalous gold, silver, copper,lead, zinc, arsenic and antimony values. A broad, weak copper anomaly of greater than 100 ppm occurs on the southern slope in the central portion of the Nelson 2 claim.

The geological environment of the Nelson property is favourable for the style of gold and base metal mineralization known from the nearby Stewart camp. Further evaluation of the Nelson property is warranted. Detailed mapping and sampling in higher elevations on the Lisa 9 and 10, and Nelson 2 claims is recommended as a follow-up program to investigate 1993 results. Additional work should include detailed mapping and sampling by mountaineering personnel of the semi-massive to massive sulphide showing located in 1992. Uranium-lead age dating could be carried out in order to establish if the two intrusions are part of the Early Jurassic suite, metallogenically the most favourable for precious metal deposits in the Stewart area.

6.0 COST STATEMENT

EXPENDITURE TYPE	TOTAL $
Salaries, Wages, Consulting Fees	4,050
Camp Expenses and Field Equipment	1,350
Aircraft Charter Rotary	4,840
Assays and Analyses	3,200
Postage, Courier and Shipping	350
Office Supplies	80
Reproduction, Drafting, Photos and Maps	400
Telephone and Fax	30
Report Preparation (Estimate)	1,200
Total	$ 15,500

7.0 CERTIFICATE OF QUALIFICATIONS

I, Adrian Dana Bray, of Third Floor Suite Empress Condos, Stewart B.C., do hereby certify that:

1. I have studied Geology at Acadia University in Wolfville, Nova Scotia and have received a Bachelor of Sciences degree with Honours in Geology in October of 1986.

2. I have continuously practised my profession since graduation in Nova Scotia, Ontario, Quebec and British Columbia.

3. I am employed by LAC Minerals Ltd.

4. The statements in this report are based on office compilation on the Nelson property. The field work was conducted during the month of August, 1993. I have personally conducted or supervised the work described in this report.

Dated at Stewart this 5th day of November, 1993.

Adrian D. Bray

ADRIAN D. BRAY

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APPENDIX A

SUMMARIES OF ANALYTICAL DATA

1993 NELSON GROUP ASSESSMENT WORK: ASSAY SUMMARY

SAMPLE #	Au_ppb	Ag_ppm	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Sb_ppm
TN-93-001	<5	0.2	72.0	20.0	164.0	14.0	4.0
TN-93-002	<5	0.8	38.0	8.0	88.0	6.0	2.0
TN-93-003	<5	0.4	25.0	8.0	74.0	8.0	2.0
TN-93-004	<5	<0.2	39.0	6.0	136.0	16.0	<2.
TN-93-005	<5	<0.2	44.0	4.0	170.0	6.0	<2.
TN-93-006	<5	0.2	42.0	6.0	222.0	10.0	<2.
TN-93-007	5.0	<0.2	65.0	8.0	268.0	14.0	<2.
TN-93-008	5.0	0.2	33.0	8.0	48.0	8.0	<2.
TN-93-009	<5	0.6	47.0	8.0	60.0	8.0	<2.
TN-93-010	<5	0.2	45.0	4.0	56.0	6.0	2.0
TN-93-011	15.0	1.8	72.0	18.0	528.0	132.0	32.0
TN-93-012	10.0	5.0	72.0	4.0	1620.0	74.0	18.0
TN-93-013	5.0	1.0	40.0	12.0	338.0	26.0	4.0
TN-93-014	<5	0.2	47.0	8.0	444.0	34.0	4.0
TN-93-015	<5	<0.2	44.0	12.0	118.0	16.0	2.0
TN-93-016	<5	0.2	32.0	14.0	62.0	22.0	<2.
TN-93-017	<5	<0.2	53.0	8.0	462.0	30.0	<2.
TN-93-018	<5	1.6	55.0	6.0	192.0	30.0	2.0
TN-93-019	<5	0.2	30.0	6.0	174.0	22.0	4.0
TN-93-020	<5	1.2	42.0	10.0	318.0	28.0	<2.
TN-93-021	<5	0.2	14.0	<2.	108.0	4.0	<2.
TN-93-022	<5	0.2	30.0	4.0	312.0	18.0	2.0
TN-93-023	<5	0.4	44.0	2.0	248.0	16.0	<2.
TN-93-024	<5	0.2	48.0	6.0	144.0	14.0	<2.
TN-93-025	5.0	0.6	34.0	4.0	230.0	72.0	4.0
TN-93-026	<5	5.2	18.0	<2.	86.0	50.0	6.0
TN-93-027	10.0	0.4	24.0	2.0	130.0	42.0	<2.
TN-93-028	20.0	0.8	31.0	8.0	148.0	84.0	4.0
TN-93-029	30.0	0.4	22.0	6.0	166.0	66.0	4.0
TN-93-030	<5	0.8	26.0	2.0	94.0	28.0	4.0
TN-93-031	<5	0.8	38.0	6.0	84.0	88.0	4.0
TN-93-032	5.0	0.6	34.0	12.0	358.0	62.0	4.0
TN-93-033	10.0	0.2	25.0	2.0	88.0	2.0	<2.
TN-93-034	<5	0.2	30.0	8.0	124.0	4.0	<2.
TN-93-035	10.0	0.6	23.0	12.0	362.0	6.0	<2.
TN-93-036	10.0	1.6	28.0	14.0	574.0	100.0	4.0
TN-93-037	<5	1.2	31.0	10.0	128.0	48.0	2.0
TN-93-038	<5	0.4	36.0	16.0	184.0	40.0	2.0
TN-93-039	5.0	0.4	32.0	6.0	168.0	42.0	2.0
TN-93-040	<5	0.6	55.0	10.0	260.0	20.0	<2.
TN-93-041	<5	1.6	70.0	16.0	670.0	70.0	4.0
TN-93-042	15.0	1.2	65.0	18.0	1598.0	124.0	4.0
TN-93-043	10.0	0.8	50.0	14.0	438.0	196.0	8.0
TN-93-044	<5	0.2	49.0	6.0	106.0	32.0	2.0
TN-93-045	<5	1.6	63.0	8.0	1020.0	72.0	6.0
TN-93-046	<5	<0.2	41.0	8.0	114.0	38.0	2.0
TN-93-047	<5	0.2	72.0	16.0	184.0	52.0	2.0
TN-93-048	10.0	0.4	79.0	8.0	252.0	50.0	2.0
TN-93-049	<5	0.2	35.0	12.0	250.0	54.0	4.0
TN-93-050	<5	0.2	34.0	6.0	258.0	46.0	2.0
TN-93-051	<5	0.2	34.0	8.0	266.0	36.0	4.0
TN-93-052	<5	<0.2	53.0	18.0	410.0	180.0	6.0
TN-93-053	<5	0.2	30.0	10.0	244.0	58.0	4.0
TN-93-054	<5	0.6	42.0	16.0	502.0	40.0	2.0
TN-93-055	<5	0.2	67.0	8.0	114.0	38.0	<2.
TN-93-056	<5	0.8	68.0	16.0	426.0	66.0	4.0
TN-93-057	<5	0.4	57.0	12.0	520.0	128.0	2.0
TN-93-058	10.0	<0.2	73.0	14.0	148.0	158.0	2.0
TN-93-059	40.0	<0.2	64.0	20.0	104.0	680.0	2.0
TN-93-060	10.0	<0.2	58.0	6.0	94.0	218.0	4.0

1993 NELSON GROUP ASSESSMENT WORK: ASSAY SUMMARY

SAMPLE #	Au_ppb	Ag_ppm	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Sb_ppm
TN-93-061	140.0	<0.2	35.0	28.0	154.0	92.0	<2.
TN-93-062	<5	0.6	35.0	36.0	98.0	58.0	<2.
TN-93-063	<5	<0.2	43.0	14.0	98.0	32.0	2.0
TN-93-064	<5	<0.2	51.0	14.0	76.0	36.0	<2.
TN-93-065	<5	<0.2	28.0	20.0	104.0	134.0	<2.
TN-93-066	<5	<0.2	57.0	14.0	82.0	28.0	4.0
TN-93-067	<5	<0.2	50.0	22.0	64.0	46.0	6.0
TN-93-068	<5	<0.2	47.0	22.0	116.0	62.0	2.0
TN-93-069	5.0	<0.2	26.0	34.0	150.0	62.0	2.0
TN-93-070	20.0	<0.2	38.0	12.0	86.0	316.0	2.0
TN-93-071	25.0	<0.2	42.0	20.0	118.0	212.0	2.0
TN-93-072	570.0	<0.2	54.0	46.0	128.0	64.0	<2.
TN-93-073	5.0	<0.2	32.0	16.0	90.0	28.0	<2.
TN-93-074	<5	<0.2	64.0	30.0	148.0	126.0	4.0
TN-93-075	10.0	<0.2	64.0	48.0	154.0	164.0	4.0
TN-93-076	10.0	<0.2	70.0	12.0	118.0	112.0	4.0
TN-93-077	15.0	<0.2	75.0	14.0	124.0	118.0	2.0
TN-93-078	10.0	<0.2	84.0	18.0	124.0	132.0	4.0
TN-93-079	25.0	<0.2	79.0	18.0	118.0	142.0	<2.
TN-93-080	15.0	<0.2	78.0	12.0	114.0	138.0	2.0
TN-93-081	<5	<0.2	73.0	16.0	150.0	116.0	<2.
TN-93-082	10.0	<0.2	84.0	18.0	104.0	100.0	2.0
TN-93-083	<5	0.2	75.0	14.0	222.0	24.0	2.0
TN-93-084	<5	<0.2	82.0	10.0	130.0	48.0	2.0
TN-93-085	<5	<0.2	112.0	18.0	120.0	36.0	<2.
TN-93-086	<5	<0.2	166.0	6.0	96.0	24.0	<2.
TN-93-087	<5	<0.2	80.0	18.0	126.0	66.0	2.0
TN-93-088	<5	<0.2	81.0	14.0	128.0	88.0	2.0
TN-93-089	15.0	<0.2	76.0	16.0	128.0	88.0	2.0
TN-93-090	<5	0.4	66.0	10.0	120.0	76.0	2.0
TN-93-091	<5	0.2	72.0	14.0	128.0	92.0	4.0
TN-93-092	<5	<0.2	73.0	16.0	134.0	86.0	4.0
TN-93-093	5.0	<0.2	77.0	18.0	144.0	84.0	2.0
TN-93-094	<5	<0.2	74.0	12.0	132.0	58.0	2.0
TN-93-095	15.0	<0.2	70.0	18.0	160.0	32.0	2.0
TN-93-096	<5	<0.2	48.0	20.0	156.0	62.0	2.0
TN-93-097	<5	0.2	43.0	36.0	192.0	50.0	6.0
TN-93-098	15.0	0.2	63.0	32.0	190.0	44.0	6.0
TN-93-099	5.0	0.4	56.0	32.0	194.0	24.0	6.0
TN-93-100	10.0	0.2	63.0	26.0	188.0	58.0	2.0
TN-93-101	<5	<0.2	35.0	6.0	96.0	18.0	<2.
TN-93-102	<5	<0.2	35.0	18.0	96.0	<2.	<2.
TN-93-103	<5	<0.2	26.0	14.0	114.0	8.0	<2.
TN-93-104	<5	<0.2	37.0	2.0	136.0	4.0	<2.
TN-93-105	<5	0.2	34.0	6.0	142.0	6.0	2.0
TN-93-106	<5	<0.2	32.0	8.0	146.0	14.0	2.0
TN-93-107	<5	0.6	58.0	16.0	150.0	14.0	<2.
TN-93-108	<5	0.4	88.0	10.0	276.0	18.0	2.0
TN-93-109	<5	0.6	75.0	24.0	488.0	110.0	6.0
TN-93-110	<5	0.4	68.0	10.0	340.0	34.0	6.0
TN-93-111	<5	0.2	92.0	6.0	162.0	40.0	6.0
TN-93-112	<5	<0.2	97.0	<2.	86.0	18.0	4.0
TN-93-113	<5	<0.2	95.0	<2.	92.0	20.0	<2.
TN-93-114	<5	<0.2	90.0	12.0	86.0	40.0	<2.
TN-93-115	<5	<0.2	99.0	10.0	90.0	6.0	<2.
TN-93-116	<5	<0.2	102.0	14.0	114.0	18.0	<2.
TN-93-117	<5	<0.2	79.0	6.0	98.0	6.0	<2.
TN-93-118	5.0	<0.2	72.0	8.0	86.0	4.0	<2.
TN-93-119	10.0	<0.2	78.0	2.0	86.0	4.0	2.0
TN-93-120	<5	<0.2	134.0	8.0	94.0	<2.	<2.

1993 NELSON GROUP ASSESSMENT WORK: ASSAY SUMMARY

SAMPLE #	Au__ppb	Ag_ppm	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Sb_ppm
TN-93-121	5.0	<0.2	73.0	14.0	102.0	16.0	2.0
TN-93-122	15.0	0.6	60.0	26.0	150.0	56.0	2.0
TN-93-123	<5	1.0	120.0	26.0	152.0	34.0	2.0
TN-93-124	<5	0.6	127.0	24.0	134.0	32.0	2.0
TN-93-125	<5	1.4	153.0	42.0	194.0	34.0	6.0
TN-93-126	<5	<0.2	129.0	10.0	88.0	42.0	2.0
TN-93-127	<5	0.2	120.0	18.0	86.0	82.0	<2.
TN-93-128	<5	<0.2	178.0	8.0	86.0	<2.	2.0
TN-93-129	<5	<0.2	83.0	8.0	78.0	4.0	<2.
TN-93-130	<5	<0.2	127.0	14.0	84.0	18.0	<2.
TN-93-131	<5	0.2	128.0	6.0	96.0	10.0	2.0
TN-93-132	<5	<0.2	123.0	8.0	80.0	<2.	2.0
TN-93-133	<5	<0.2	148.0	8.0	84.0	4.0	<2.
TN-93-134	<5	<0.2	113.0	12.0	64.0	<2.	2.0
TN-93-135	<5	<0.2	132.0	6.0	68.0	<2.	2.0
TN-93-136	<5	<0.2	120.0	6.0	62.0	<2.	2.0
TN-93-137	<5	<0.2	130.0	2.0	62.0	<2.	<2.
TN-93-138	<5	<0.2	111.0	2.0	58.0	2.0	<2.
TN-93-139	<5	<0.2	133.0	6.0	64.0	2.0	<2.
TN-93-140	<5	<0.2	147.0	8.0	70.0	<2.	<2.
TN-93-141	<5	<0.2	164.0	8.0	66.0	<2.	2.0
TN-93-142	<5	<0.2	144.0	2.0	68.0	6.0	<2.
TN-93-143	<5	<0.2	154.0	6.0	68.0	<2.	2.0
TN-93-144	5.0	<0.2	143.0	6.0	58.0	<2.	<2.
TN-93-145	20.0	<0.2	136.0	4.0	54.0	<2.	4.0
TN-93-146	<5	<0.2	131.0	4.0	62.0	<2.	<2.
TN-93-147	155.0	<0.2	125.0	4.0	60.0	4.0	<2.
TN-93-148	20.0	<0.2	144.0	2.0	66.0	4.0	2.0
TN-93-149	<5	<0.2	122.0	4.0	80.0	<2.	<2.
TN-93-150	<5	<0.2	136.0	14.0	124.0	<2.	2.0
TN-93-151	<5	<0.2	166.0	10.0	114.0	<2.	4.0
TN-93-200	5.0	0.2	67.0	32.0	220.0	112.0	6.0
TN-93-201	<5	<0.2	54.0	20.0	152.0	38.0	<2.
TN-93-202	<5	<0.2	61.0	22.0	150.0	30.0	4.0
SN-93-01	<5	0.2	32.0	8.0	260.0	44.0	4.0
SN-93-02	<5	0.4	24.0	6.0	218.0	22.0	2.0
SN-93-03	15.0	0.4	20.0	2.0	332.0	46.0	2.0
SN-93-04	10.0	0.6	31.0	6.0	448.0	82.0	2.0
SN-93-05	<5	<0.2	30.0	10.0	200.0	26.0	<2.
SN-93-06	<5	0.2	30.0	10.0	362.0	44.0	<2.
SN-93-07	10.0	0.2	38.0	14.0	520.0	66.0	2.0
SN-93-08	<5	0.6	33.0	10.0	468.0	104.0	6.0
SN-93-09	5.0	0.4	55.0	12.0	576.0	88.0	4.0
SN-93-10	<5	0.2	51.0	12.0	434.0	130.0	4.0
mean	8.8	0.3	68.4	12.3	197.9	52.3	2.3

1993 BOWSER BASIN SAMPLES: ASSAY SUMMARY

SAMPLE #	Au_ppb	Ag_ppm	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Sb_ppm
TN-93-001	<5	0.2	72.0	20.0	164.0	14.0	4.0
TN-93-002	<5	0.8	38.0	8.0	88.0	6.0	2.0
TN-93-003	<5	0.4	25.0	8.0	74.0	8.0	2.0
TN-93-004	<5	<0.2	39.0	6.0	136.0	16.0	<2.
TN-93-005	<5	<0.2	44.0	4.0	170.0	6.0	<2.
TN-93-006	<5	0.2	42.0	6.0	222.0	10.0	<2.
TN-93-007	5.0	<0.2	65.0	8.0	268.0	14.0	<2.
TN-93-008	5.0	0.2	33.0	8.0	48.0	8.0	<2.
TN-93-009	<5	0.6	47.0	8.0	60.0	8.0	<2.
TN-93-010	<5	0.2	45.0	4.0	56.0	6.0	2.0
TN-93-011	15.0	1.8	72.0	18.0	528.0	132.0	32.0
TN-93-012	10.0	5.0	72.0	4.0	1620.0	74.0	18.0
TN-93-013	5.0	1.0	40.0	12.0	338.0	26.0	4.0
TN-93-014	<5	0.2	47.0	8.0	444.0	34.0	4.0
TN-93-015	<5	<0.2	44.0	12.0	118.0	16.0	2.0
TN-93-016	<5	0.2	32.0	14.0	62.0	22.0	<2.
TN-93-017	<5	<0.2	53.0	8.0	462.0	30.0	<2.
TN-93-018	<5	1.6	55.0	6.0	192.0	30.0	2.0
TN-93-019	<5	0.2	30.0	6.0	174.0	22.0	4.0
TN-93-020	<5	1.2	42.0	10.0	318.0	28.0	<2.
TN-93-021	<5	0.2	14.0	<2.	108.0	4.0	<2.
TN-93-022	<5	0.2	30.0	4.0	312.0	18.0	2.0
TN-93-023	<5	0.4	44.0	2.0	248.0	16.0	<2.
TN-93-024	<5	0.2	48.0	6.0	144.0	14.0	<2.
TN-93-025	5.0	0.6	34.0	4.0	230.0	72.0	4.0
TN-93-026	<5	5.2	18.0	<2.	86.0	50.0	6.0
TN-93-027	10.0	0.4	24.0	2.0	130.0	42.0	<2.
TN-93-028	20.0	0.8	31.0	8.0	148.0	84.0	4.0
TN-93-029	30.0	0.4	22.0	6.0	166.0	66.0	4.0
TN-93-030	<5	0.8	26.0	2.0	94.0	28.0	4.0
TN-93-031	<5	0.8	38.0	6.0	84.0	88.0	4.0
TN-93-032	5.0	0.6	34.0	12.0	358.0	62.0	4.0
TN-93-033	10.0	0.2	25.0	2.0	88.0	2.0	<2.
TN-93-034	<5	0.2	30.0	8.0	124.0	4.0	<2.
TN-93-035	10.0	0.6	23.0	12.0	362.0	6.0	<2.
TN-93-036	10.0	1.6	28.0	14.0	574.0	100.0	4.0
TN-93-037	<5	1.2	31.0	10.0	128.0	48.0	2.0
TN-93-038	<5	0.4	36.0	16.0	184.0	40.0	2.0
TN-93-039	5.0	0.4	32.0	6.0	168.0	42.0	2.0
TN-93-040	<5	0.6	55.0	10.0	260.0	20.0	<2.
TN-93-041	<5	1.6	70.0	16.0	670.0	70.0	4.0
TN-93-042	15.0	1.2	65.0	18.0	1598.0	124.0	4.0
TN-93-043	10.0	0.8	50.0	14.0	438.0	196.0	8.0
TN-93-044	<5	0.2	49.0	6.0	106.0	32.0	2.0
TN-93-045	<5	1.6	63.0	8.0	1020.0	72.0	6.0
TN-93-046	<5	<0.2	41.0	8.0	114.0	38.0	2.0
TN-93-047	<5	0.2	72.0	16.0	184.0	52.0	2.0
TN-93-048	10.0	0.4	79.0	8.0	252.0	50.0	2.0
TN-93-049	<5	0.2	35.0	12.0	250.0	54.0	4.0
TN-93-050	<5	0.2	34.0	6.0	258.0	46.0	2.0
TN-93-051	<5	0.2	34.0	8.0	266.0	36.0	4.0
TN-93-052	<5	<0.2	53.0	18.0	410.0	180.0	6.0
TN-93-053	<5	0.2	30.0	10.0	244.0	58.0	4.0
TN-93-054	<5	0.6	42.0	16.0	502.0	40.0	2.0
TN-93-055	<5	0.2	67.0	8.0	114.0	38.0	<2.
TN-93-056	<5	0.8	68.0	16.0	426.0	66.0	4.0
TN-93-057	<5	0.4	57.0	12.0	520.0	128.0	2.0
TN-93-101	<5	<0.2	35.0	6.0	96.0	18.0	<2.
TN-93-102	<5	<0.2	35.0	18.0	96.0	<2.	<2.
TN-93-103	<5	<0.2	26.0	14.0	114.0	8.0	<2.

1993 BOWSER BASIN SAMPLES: ASSAY SUMMARY

SAMPLE #	Au_ppb	Ag_ppm	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Sb_ppm
TN-93-104	<5	<0.2	37.0	2.0	136.0	4.0	<2.
TN-93-105	<5	0.2	34.0	6.0	142.0	6.0	2.0
TN-93-106	<5	<0.2	32.0	8.0	146.0	14.0	2.0
TN-93-107	<5	0.6	58.0	16.0	150.0	14.0	<2.
TN-93-108	<5	0.4	88.0	10.0	276.0	18.0	2.0
TN-93-109	<5	0.6	75.0	24.0	488.0	110.0	6.0
TN-93-110	<5	0.4	68.0	10.0	340.0	34.0	6.0
TN-93-111	<5	0.2	92.0	6.0	162.0	40.0	6.0
TN-93-112	<5	<0.2	97.0	<2.	86.0	18.0	4.0
TN-93-113	<5	<0.2	95.0	<2.	92.0	20.0	<2.
TN-93-114	<5	<0.2	90.0	12.0	86.0	40.0	<2.
SN-93-01	<5	0.2	32.0	8.0	260.0	44.0	4.0
SN-93-02	<5	0.4	24.0	6.0	218.0	22.0	2.0
SN-93-03	15.0	0.4	20.0	2.0	332.0	46.0	2.0
SN-93-04	10.0	0.6	31.0	6.0	448.0	82.0	2.0
SN-93-05	<5	<0.2	30.0	10.0	200.0	26.0	<2.
SN-93-06	<5	0.2	30.0	10.0	362.0	44.0	<2.
SN-93-07	10.0	0.2	38.0	14.0	520.0	66.0	2.0
SN-93-08	<5	0.6	33.0	10.0	468.0	104.0	6.0
SN-93-09	5.0	0.4	55.0	12.0	576.0	88.0	4.0
SN-93-10	<5	0.2	51.0	12.0	434.0	130.0	4.0
mean	2.7	0.5	45.4	9.0	285.7	44.3	2.8

1993 HAZELTON GROUP SAMPLES: ASSAY SUMMARY

SAMPLE #	Au__ppb	Ag_ppm	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Sb_ppm
TN-93-058	10.0	<0.2	73.0	14.0	148.0	158.0	2.0
TN-93-059	40.0	<0.2	64.0	20.0	104.0	680.0	2.0
TN-93-060	10.0	<0.2	58.0	6.0	94.0	218.0	4.0
TN-93-061	140.0	<0.2	35.0	28.0	154.0	92.0	<2.
TN-93-062	<5	0.6	35.0	36.0	98.0	58.0	<2.
TN-93-063	<5	<0.2	43.0	14.0	98.0	32.0	2.0
TN-93-064	<5	<0.2	51.0	14.0	76.0	36.0	<2.
TN-93-065	<5	<0.2	28.0	20.0	104.0	134.0	<2.
TN-93-066	<5	<0.2	57.0	14.0	82.0	28.0	4.0
TN-93-067	<5	<0.2	50.0	22.0	64.0	46.0	6.0
TN-93-068	<5	<0.2	47.0	22.0	116.0	62.0	2.0
TN-93-069	5.0	<0.2	26.0	34.0	150.0	62.0	2.0
TN-93-070	20.0	<0.2	38.0	12.0	86.0	316.0	2.0
TN-93-071	25.0	<0.2	42.0	20.0	118.0	212.0	2.0
TN-93-072	570.0	<0.2	54.0	46.0	128.0	64.0	<2.
TN-93-073	5.0	<0.2	32.0	16.0	90.0	28.0	<2.
TN-93-074	<5	<0.2	64.0	30.0	148.0	126.0	4.0
TN-93-075	10.0	<0.2	64.0	48.0	154.0	164.0	4.0
TN-93-076	10.0	<0.2	70.0	12.0	118.0	112.0	4.0
TN-93-077	15.0	<0.2	75.0	14.0	124.0	118.0	2.0
TN-93-078	10.0	<0.2	84.0	18.0	124.0	132.0	4.0
TN-93-079	25.0	<0.2	79.0	18.0	118.0	142.0	<2.
TN-93-080	15.0	<0.2	78.0	12.0	114.0	138.0	2.0
TN-93-081	<5	<0.2	73.0	16.0	150.0	116.0	<2.
TN-93-082	10.0	<0.2	84.0	18.0	104.0	100.0	2.0
TN-93-083	<5	0.2	75.0	14.0	222.0	24.0	2.0
TN-93-084	<5	<0.2	82.0	10.0	130.0	48.0	2.0
TN-93-085	<5	<0.2	112.0	18.0	120.0	36.0	<2.
TN-93-086	<5	<0.2	166.0	6.0	96.0	24.0	<2.
TN-93-087	<5	<0.2	80.0	18.0	126.0	66.0	2.0
TN-93-088	<5	<0.2	81.0	14.0	128.0	88.0	2.0
TN-93-089	15.0	<0.2	76.0	16.0	128.0	88.0	2.0
TN-93-090	<5	0.4	66.0	10.0	120.0	76.0	2.0
TN-93-091	<5	0.2	72.0	14.0	128.0	92.0	4.0
TN-93-092	<5	<0.2	73.0	16.0	134.0	86.0	4.0
TN-93-093	5.0	<0.2	77.0	18.0	144.0	84.0	2.0
TN-93-094	<5	<0.2	74.0	12.0	132.0	58.0	2.0
TN-93-095	15.0	<0.2	70.0	18.0	160.0	32.0	2.0
TN-93-096	<5	<0.2	48.0	20.0	156.0	62.0	2.0
TN-93-097	<5	0.2	43.0	36.0	192.0	50.0	6.0
TN-93-098	15.0	0.2	63.0	32.0	190.0	44.0	6.0
TN-93-099	5.0	0.4	56.0	32.0	194.0	24.0	6.0
TN-93-100	10.0	0.2	63.0	26.0	188.0	58.0	2.0
TN-93-115	<5	<0.2	99.0	10.0	90.0	6.0	<2.
TN-93-116	<5	<0.2	102.0	14.0	114.0	18.0	<2.
TN-93-117	<5	<0.2	79.0	6.0	98.0	6.0	<2.
TN-93-118	5.0	<0.2	72.0	8.0	86.0	4.0	<2.
TN-93-119	10.0	<0.2	78.0	2.0	86.0	4.0	2.0
TN-93-120	<5	<0.2	134.0	8.0	94.0	<2.	<2.
TN-93-121	5.0	<0.2	73.0	14.0	102.0	16.0	2.0
TN-93-122	15.0	0.6	60.0	26.0	150.0	56.0	2.0
TN-93-123	<5	1	120.0	26.0	152.0	34.0	2.0
TN-93-124	<5	0.6	127.0	24.0	134.0	32.0	2.0
TN-93-125	<5	1.4	153.0	42.0	194.0	34.0	6.0
TN-93-126	<5	<0.2	129.0	10.0	88.0	42.0	2.0
TN-93-127	<5	0.2	120.0	18.0	86.0	82.0	<2.
TN-93-128	<5	<0.2	178.0	8.0	86.0	<2.	2.0
TN-93-129	<5	<0.2	83.0	8.0	78.0	4.0	<2.
TN-93-130	<5	<0.2	127.0	14.0	84.0	18.0	<2.
TN-93-131	<5	0.2	128.0	6.0	96.0	10.0	2.0

1993 HAZELTON GROUP SAMPLES: ASSAY SUMMARY

SAMPLE #	Au__ppb	Ag_ppm	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Sb_ppm
TN-93-132	<5	<0.2	123.0	8.0	80.0	<2.	2.0
TN-93-133	<5	<0.2	148.0	8.0	84.0	4.0	<2.
TN-93-134	<5	<0.2	113.0	12.0	64.0	<2.	2.0
TN-93-135	<5	<0.2	132.0	6.0	68.0	<2.	2.0
TN-93-136	<5	<0.2	120.0	6.0	62.0	<2.	2.0
TN-93-137	<5	<0.2	130.0	2.0	62.0	<2.	<2.
TN-93-138	<5	<0.2	111.0	2.0	58.0	2.0	<2.
TN-93-139	<5	<0.2	133.0	6.0	64.0	2.0	<2.
TN-93-140	<5	<0.2	147.0	8.0	70.0	<2.	<2.
TN-93-141	<5	<0.2	164.0	8.0	66.0	<2.	2.0
TN-93-142	<5	<0.2	144.0	2.0	68.0	6.0	<2.
TN-93-143	<5	<0.2	154.0	6.0	68.0	<2.	2.0
TN-93-144	5.0	<0.2	143.0	6.0	58.0	<2.	<2.
TN-93-145	20.0	<0.2	136.0	4.0	54.0	<2.	4.0
TN-93-146	<5	<0.2	131.0	4.0	62.0	<2.	<2.
TN-93-147	155.0	<0.2	125.0	4.0	60.0	4.0	<2.
TN-93-148	20.0	<0.2	144.0	2.0	66.0	4.0	2.0
TN-93-149	<5	<0.2	122.0	4.0	80.0	<2.	<2.
TN-93-150	<5	<0.2	136.0	14.0	124.0	<2.	2.0
TN-93-151	<5	<0.2	166.0	10.0	114.0	<2.	4.0
TN-93-200	5.0	0.2	67.0	32.0	220.0	112.0	6.0
TN-93-201	<5	<0.2	54.0	20.0	152.0	38.0	<2.
TN-93-202	<5	<0.2	61.0	22.0	150.0	30.0	4.0
mean	**14.8**	**0.1**	**90.9**	**15.6**	**112.3**	**60.0**	**1.9**

APPENDIX B

ASSAY CERTIFICATES

Chemex Labs Ltd.

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

To: LAC MINERALS

P.O. BOX 337
STEWART, BC
V0T 1W0

A9320631

Comments: ATTN: ADRIAN BRAY CC: HANS SMIT

CERTIFICATE A9320631

LAC MINERALS

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-SEP-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
202	154	save reject
205	154	Geochem ring to approx 150 mesh
274	154	0-15 lb crush and split
229	154	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
983	154	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	154	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	154	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	154	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	154	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	154	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	154	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	154	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	154	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	154	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	154	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	154	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	154	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	154	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	154	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	154	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	154	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	154	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	154	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	154	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	154	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	154	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	154	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	154	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	154	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	154	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	154	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	154	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	154	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	154	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	154	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	154	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	154	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: LAC MINERALS

P.O. BOX 337
STEWART, BC
V0T 1W0

Project :
Comments: ATTN: ADRIAN BRAY CC: HANS SMIT

Page Number :1-A
Total Pages :4
Certificate Date: 14-SEP-93
Invoice No. :I9320631
P.O. Number :
Account :KYO

CERTIFICATE OF ANALYSIS A9320631

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
TN-93-001	202	205	< 5	0.2	2.40	14	160	< 0.5	< 2	0.15	< 0.5	51	146	72	4.92	< 10	< 1	0.19	10	1.23	1875
TN-93-002	202	205	< 5	0.8	2.82	6	130	< 0.5	< 2	0.08	< 0.5	21	69	38	4.58	10	< 1	0.16	10	0.77	1240
TN-93-003	202	205	< 5	0.4	1.15	8	140	< 0.5	< 2	0.07	< 0.5	9	94	25	2.73	< 10	< 1	0.19	10	0.39	1995
TN-93-004	202	205	< 5	< 0.2	2.59	16	130	< 0.5	< 2	0.14	0.5	50	53	39	5.69	10	< 1	0.16	10	0.90	4420
TN-93-005	202	205	< 5	< 0.2	2.20	6	130	< 0.5	< 2	0.08	< 0.5	41	69	44	4.70	< 10	< 1	0.16	10	1.04	5350
TN-93-006	202	205	< 5	0.2	3.54	10	170	< 0.5	< 2	0.06	1.0	34	85	42	4.12	10	< 1	0.23	20	1.01	4230
TN-93-007	202	205	5	< 0.2	2.86	14	150	< 0.5	< 2	0.08	0.5	33	50	65	4.82	10	< 1	0.20	10	0.85	5910
TN-93-008	202	205	5	0.2	1.04	8	140	< 0.5	< 2	0.04	< 0.5	7	169	33	2.73	< 10	< 1	0.22	10	0.25	425
TN-93-009	202	205	< 5	0.6	0.66	8	100	< 0.5	< 2	0.07	< 0.5	5	72	47	2.50	< 10	< 1	0.15	< 10	0.13	195
TN-93-010	202	205	< 5	0.2	0.76	6	70	< 0.5	< 2	0.18	< 0.5	4	114	45	2.86	< 10	< 1	0.12	< 10	0.24	370
TN-93-011	202	205	15	1.8	0.65	132	130	< 0.5	< 2	0.02	1.0	2	39	72	5.43	< 10	< 1	0.23	< 10	0.05	305
TN-93-012	202	205	10	5.0	0.48	74	270	< 0.5	< 2	12.45	26.0	8	14	72	3.85	< 10	< 1	0.22	< 10	0.09	2790
TN-93-013	202	205	5	1.0	0.79	26	70	< 0.5	< 2	0.09	0.5	5	30	40	5.75	< 10	< 1	0.25	< 10	0.30	1610
TN-93-014	202	205	< 5	0.2	1.71	34	160	< 0.5	< 2	0.16	2.0	9	26	47	9.95	10	< 1	0.21	< 10	0.05	1405
TN-93-015	202	205	< 5	< 0.2	1.11	16	110	< 0.5	< 2	0.09	< 0.5	9	54	44	4.83	< 10	< 1	0.17	< 10	0.38	1705
TN-93-016	202	205	< 5	0.2	0.59	22	90	< 0.5	< 2	0.10	< 0.5	3	54	32	2.13	< 10	< 1	0.15	< 10	0.14	410
TN-93-017	202	205	< 5	< 0.2	1.96	30	170	< 0.5	< 2	0.13	6.5	24	64	53	5.36	< 10	< 1	0.20	10	0.60	7900
TN-93-018	202	205	< 5	1.6	1.49	30	130	< 0.5	< 2	0.06	0.5	7	65	55	5.23	< 10	< 1	0.21	< 10	0.37	2290
TN-93-019	202	205	< 5	0.2	0.79	22	70	< 0.5	< 2	0.07	< 0.5	1	40	30	4.74	< 10	< 1	0.21	< 10	0.14	230
TN-93-020	202	205	< 5	1.2	1.81	28	100	< 0.5	< 2	0.27	4.5	10	77	42	3.90	< 10	< 1	0.24	10	0.97	1125
TN-93-021	202	205	< 5	0.2	1.32	4	110	< 0.5	< 2	0.91	1.0	8	56	14	2.70	< 10	< 1	0.35	< 10	0.83	835
TN-93-022	202	205	< 5	0.2	1.33	18	120	< 0.5	< 2	0.79	2.5	9	52	30	2.76	< 10	< 1	0.27	< 10	0.89	945
TN-93-023	202	205	< 5	0.4	1.68	16	190	< 0.5	< 2	0.78	3.5	10	78	44	3.32	< 10	< 1	0.40	< 10	0.89	1010
TN-93-024	202	205	< 5	0.2	2.05	14	290	< 0.5	< 2	0.98	1.0	11	84	48	3.66	< 10	< 1	0.61	< 10	1.17	870
TN-93-025	202	205	5	0.6	1.50	72	120	< 0.5	< 2	2.06	3.0	8	50	34	3.08	10	< 1	0.24	< 10	1.58	1305
TN-93-026	202	205	< 5	5.2	0.76	50	80	< 0.5	< 2	14.75	1.0	5	9	18	2.09	< 10	< 1	0.28	< 10	1.06	1675
TN-93-027	202	205	10	0.4	1.33	42	150	< 0.5	< 2	0.78	1.0	6	78	24	2.45	< 10	< 1	0.25	< 10	1.08	1505
TN-93-028	202	205	20	0.8	0.53	84	80	< 0.5	< 2	0.08	0.5	8	91	31	2.68	< 10	< 1	0.19	10	0.12	1460
TN-93-029	202	205	30	0.4	0.97	66	100	< 0.5	< 2	0.11	0.5	6	81	22	2.99	< 10	< 1	0.26	< 10	0.30	480
TN-93-030	202	205	< 5	0.8	0.46	28	90	< 0.5	< 2	0.06	< 0.5	1	48	26	2.28	< 10	< 1	0.26	< 10	0.07	90
TN-93-031	202	205	< 5	0.8	0.45	88	70	< 0.5	< 2	0.04	< 0.5	1	40	38	2.24	< 10	< 1	0.17	< 10	0.02	75
TN-93-032	202	205	5	0.6	1.46	62	160	< 0.5	< 2	0.09	2.0	28	35	34	5.24	< 10	< 1	0.44	< 10	0.26	6190
TN-93-033	202	205	10	0.2	1.81	2	400	< 0.5	< 2	0.70	< 0.5	9	110	25	2.80	< 10	< 1	0.75	< 10	0.79	655
TN-93-034	202	205	< 5	0.2	1.64	4	350	< 0.5	< 2	0.53	0.5	8	131	30	2.68	< 10	< 1	0.69	< 10	0.72	655
TN-93-035	202	205	10	0.6	2.26	6	370	< 0.5	< 2	0.63	2.0	9	95	23	2.57	< 10	< 1	0.53	10	0.58	1225
TN-93-036	202	205	10	1.6	1.32	100	180	< 0.5	< 2	0.55	6.0	7	82	28	3.97	< 10	< 1	0.26	10	0.27	1020
TN-93-037	202	205	< 5	1.2	1.45	48	100	< 0.5	< 2	0.04	0.5	3	65	31	3.56	< 10	< 1	0.19	< 10	0.52	320
TN-93-038	202	205	< 5	0.4	1.83	40	110	< 0.5	< 2	0.08	0.5	15	60	36	4.14	< 10	< 1	0.22	10	0.91	1670
TN-93-039	202	205	5	0.4	1.80	42	110	< 0.5	< 2	0.08	0.5	6	46	32	4.56	< 10	< 1	0.23	10	0.87	925
TN-93-040	202	205	< 5	0.6	2.04	20	280	< 0.5	< 2	0.32	1.5	18	73	55	4.71	< 10	< 1	0.40	10	1.04	1955

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

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

J: LAC MINERALS

P.O. BOX 337
STEWART, BC
V0T 1W0

Project :
Comments: ATTN: ADRIAN BRAY CC: HANS SMIT

F N er :1-B
] Pages :4
Certificate Date: 14-SEP-93
Invoice No. : I9320631
P.O. Number :
Account :KYO

CERTIFICATE OF ANALYSIS A9320631

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TN-93-001	202	205	2	0.02	120	970	20	4	3	21	< 0.01	< 10	< 10	40	< 10	164
TN-93-002	202	205	1	0.01	16	1310	8	2	3	10	0.01	< 10	< 10	47	< 10	88
TN-93-003	202	205	1	0.02	17	1020	8	2	1	10	0.01	< 10	< 10	41	< 10	74
TN-93-004	202	205	2	0.01	43	1300	6	< 2	3	16	0.01	< 10	< 10	38	< 10	136
TN-93-005	202	205	1	0.01	52	1110	4	< 2	3	11	< 0.01	< 10	< 10	38	< 10	170
TN-93-006	202	205	2	0.02	62	650	6	< 2	6	10	0.01	< 10	< 10	38	< 10	222
TN-93-007	202	205	4	0.01	50	1040	8	< 2	5	9	0.03	< 10	< 10	45	< 10	268
TN-93-008	202	205	7	0.02	22	980	8	< 2	2	11	< 0.01	< 10	< 10	38	< 10	48
TN-93-009	202	205	3	0.01	20	1760	8	< 2	1	11	< 0.01	< 10	< 10	20	< 10	60
TN-93-010	202	205	2	0.01	24	2160	4	2	< 1	15	< 0.01	< 10	< 10	19	< 10	56
TN-93-011	202	205	116	0.01	40	1130	18	32	1	7	0.02	40	< 10	42	< 10	528
TN-93-012	202	205	37	0.01	79	1450	4	18	3	142	< 0.01	10	< 10	23	< 10	1620
TN-93-013	202	205	17	0.01	9	1100	12	4	1	8	0.10	< 10	< 10	21	< 10	338
TN-93-014	202	205	14	0.01	18	890	8	4	3	20	0.16	< 10	< 10	39	< 10	444
TN-93-015	202	205	3	0.01	22	2240	12	2	1	9	0.03	< 10	< 10	43	< 10	118
TN-93-016	202	205	2	0.02	11	1130	14	< 2	1	8	0.06	< 10	< 10	20	< 10	62
TN-93-017	202	205	12	0.01	35	1670	8	< 2	2	15	0.03	< 10	< 10	33	< 10	462
TN-93-018	202	205	9	0.02	8	4190	6	2	1	10	< 0.01	< 10	< 10	38	< 10	192
TN-93-019	202	205	11	0.01	4	1800	6	4	1	9	< 0.01	< 10	< 10	23	< 10	174
TN-93-020	202	205	3	0.02	13	720	10	< 2	3	22	0.01	< 10	< 10	46	< 10	318
TN-93-021	202	205	< 1	0.08	4	1410	< 2	< 2	8	33	0.15	< 10	< 10	93	< 10	108
TN-93-022	202	205	2	0.01	11	1030	4	2	2	42	0.01	< 10	< 10	23	< 10	312
TN-93-023	202	205	6	0.06	17	1100	2	< 2	5	40	0.06	< 10	< 10	52	< 10	248
TN-93-024	202	205	1	0.07	18	1150	6	< 2	6	53	0.09	< 10	< 10	69	< 10	144
TN-93-025	202	205	4	0.01	12	840	4	4	5	25	0.02	< 10	< 10	36	< 10	230
TN-93-026	202	205	3	< 0.01	6	740	< 2	6	3	117	< 0.01	< 10	< 10	8	< 10	86
TN-93-027	202	205	2	0.03	9	760	2	< 2	4	26	0.03	< 10	< 10	35	< 10	130
TN-93-028	202	205	17	< 0.01	6	440	8	4	4	3	0.01	< 10	< 10	18	< 10	148
TN-93-029	202	205	4	0.01	8	700	6	4	2	8	0.01	< 10	< 10	28	< 10	166
TN-93-030	202	205	4	< 0.01	3	1250	2	4	1	3	< 0.01	< 10	< 10	10	< 10	94
TN-93-031	202	205	3	< 0.01	4	1000	6	4	1	3	< 0.01	< 10	< 10	11	< 10	84
TN-93-032	202	205	8	< 0.01	13	810	12	4	4	6	0.01	< 10	< 10	20	< 10	358
TN-93-033	202	205	4	0.11	10	1100	2	< 2	6	67	0.13	< 10	< 10	70	< 10	88
TN-93-034	202	205	3	0.10	11	870	8	< 2	5	59	0.12	< 10	< 10	63	< 10	124
TN-93-035	202	205	2	0.05	14	1060	12	< 2	3	56	0.08	< 10	< 10	45	< 10	362
TN-93-036	202	205	7	0.01	11	1430	14	4	1	29	< 0.01	< 10	< 10	37	< 10	574
TN-93-037	202	205	4	0.01	14	1890	10	2	1	7	< 0.01	< 10	< 10	34	< 10	128
TN-93-038	202	205	4	0.01	28	1130	16	2	3	8	< 0.01	< 10	< 10	28	< 10	184
TN-93-039	202	205	4	0.01	8	1320	6	2	3	13	0.01	< 10	< 10	39	< 10	168
TN-93-040	202	205	6	0.03	46	1350	10	< 2	4	31	0.05	< 10	< 10	52	< 10	260

CERTIFICATION: Hans Bichler

Chemex Labs Ltd.

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To: LAC MINERALS

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Project :
Comments: ATTN: ADRIAN BRAY CC: HANS SMIT

Par er :2-A
To ges :4
Certificate Date: 14-SEP-93
Invoice No. :I9320631
P.O. Number :
Account :KYO

CERTIFICATE OF ANALYSIS A9320631

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
TN-93-041	202	205	< 5	1.6	1.94	70	100	< 0.5	< 2	0.07	4.0	19	78	70	5.74	10	< 1	0.32	10	0.44	2090
TN-93-042	202	205	15	1.2	1.70	124	130	< 0.5	2	0.30	14.0	15	57	65	5.74	10	< 1	0.36	10	0.36	1570
TN-93-043	202	205	10	0.8	1.05	196	90	< 0.5	< 2	0.12	4.5	11	92	50	4.68	< 10	< 1	0.32	10	0.21	1075
TN-93-044	202	205	< 5	0.2	0.75	32	110	< 0.5	4	0.14	< 0.5	4	73	49	2.91	< 10	< 1	0.29	< 10	0.12	285
TN-93-045	202	205	< 5	1.6	1.24	72	200	< 0.5	< 2	0.13	16.5	17	50	63	4.30	< 10	< 1	0.50	10	0.17	3110
TN-93-046	202	205	< 5	< 0.2	1.21	38	130	< 0.5	2	0.05	0.5	7	86	41	3.89	< 10	< 1	0.26	10	0.23	405
TN-93-047	202	205	< 5	0.2	2.86	52	140	< 0.5	2	0.15	0.5	11	57	72	4.77	< 10	< 1	0.28	< 10	1.08	510
TN-93-048	202	205	10	0.4	2.71	50	160	< 0.5	< 2	0.21	1.5	17	53	79	4.90	< 10	< 1	0.45	< 10	1.22	1260
TN-93-049	202	205	< 5	0.2	1.42	54	140	< 0.5	< 2	0.04	1.0	7	32	35	4.20	< 10	< 1	0.55	10	0.23	1515
TN-93-050	202	205	< 5	0.2	1.48	46	180	< 0.5	< 2	0.23	1.0	8	40	34	3.67	< 10	< 1	0.52	10	0.26	1745
TN-93-051	202	205	< 5	0.2	1.73	36	220	< 0.5	< 2	0.34	1.5	9	42	34	4.09	< 10	< 1	0.60	10	0.33	2050
TN-93-052	202	205	< 5	< 0.2	1.33	180	120	< 0.5	< 2	0.08	3.5	11	36	53	4.58	< 10	< 1	0.28	10	0.20	1955
TN-93-053	202	205	< 5	0.2	1.55	58	110	< 0.5	< 2	0.10	1.5	7	67	30	3.80	< 10	< 1	0.26	10	0.24	485
TN-93-054	202	205	< 5	0.6	2.35	40	150	< 0.5	< 2	0.10	4.0	15	29	42	6.12	10	< 1	0.26	10	0.30	2760
TN-93-055	202	205	< 5	0.2	2.76	38	90	< 0.5	4	0.12	0.5	11	41	67	5.42	< 10	< 1	0.18	< 10	1.08	745
TN-93-056	202	205	< 5	0.8	2.64	66	90	< 0.5	< 2	0.18	1.5	19	31	68	5.72	< 10	< 1	0.17	< 10	0.70	2510
TN-93-057	202	205	< 5	0.4	2.05	128	160	< 0.5	< 2	0.14	5.0	14	57	57	4.27	< 10	< 1	0.26	10	0.51	2730
TN-93-058	202	205	10	< 0.2	2.61	158	180	< 0.5	< 2	0.32	0.5	18	44	73	4.89	< 10	< 1	0.28	10	0.91	1695
TN-93-059	202	205	40	< 0.2	2.03	680	130	< 0.5	2	0.31	< 0.5	16	37	64	4.70	10	< 1	0.26	10	0.71	2280
TN-93-060	202	205	10	< 0.2	2.08	218	130	< 0.5	< 2	0.40	< 0.5	16	39	58	4.68	< 10	< 1	0.25	10	0.86	1325
TN-93-061	202	205	140	< 0.2	2.57	92	130	< 0.5	< 2	0.63	< 0.5	18	45	35	4.75	< 10	< 1	0.20	10	0.83	2180
TN-93-062	202	205	< 5	0.6	2.04	58	320	< 0.5	< 2	0.14	0.5	38	27	35	4.42	10	< 1	0.25	10	0.50	>10000
TN-93-063	202	205	< 5	< 0.2	2.16	32	190	< 0.5	< 2	0.28	0.5	14	52	43	4.14	< 10	< 1	0.49	10	0.93	1870
TN-93-064	202	205	< 5	< 0.2	2.92	36	130	< 0.5	< 2	0.19	0.5	12	60	51	5.06	< 10	< 1	0.27	< 10	1.10	650
TN-93-065	202	205	< 5	< 0.2	1.67	134	160	< 0.5	2	0.21	< 0.5	13	52	28	3.59	< 10	< 1	0.42	10	0.67	1530
TN-93-066	202	205	< 5	< 0.2	2.05	28	150	< 0.5	< 2	0.22	0.5	16	49	57	4.59	< 10	< 1	0.26	10	0.67	1635
TN-93-067	202	205	< 5	< 0.2	2.03	46	130	< 0.5	< 2	0.69	0.5	16	40	50	4.86	< 10	< 1	0.23	10	0.53	1490
TN-93-068	202	205	< 5	< 0.2	1.93	62	200	< 0.5	< 2	0.35	0.5	22	44	47	4.71	< 10	< 1	0.24	10	0.48	3720
TN-93-069	202	205	5	< 0.2	1.35	62	270	< 0.5	< 2	0.38	< 0.5	16	40	26	3.43	< 10	< 1	0.24	10	0.34	6970
TN-93-070	202	205	20	< 0.2	1.25	316	200	< 0.5	2	0.28	< 0.5	14	42	38	4.10	< 10	< 1	0.33	10	0.46	1955
TN-93-071	202	205	25	< 0.2	1.41	212	260	< 0.5	< 2	0.59	< 0.5	14	45	42	3.76	< 10	< 1	0.34	10	0.65	2040
TN-93-072	202	205	570	< 0.2	1.48	64	210	< 0.5	< 2	0.51	1.5	17	45	54	3.71	< 10	< 1	0.21	< 10	0.64	2770
TN-93-073	202	205	5	< 0.2	2.25	28	160	< 0.5	< 2	0.16	0.5	11	51	32	4.86	10	< 1	0.16	< 10	0.74	1025
TN-93-074	202	205	< 5	< 0.2	2.31	126	150	< 0.5	< 2	0.43	1.0	19	78	64	4.76	< 10	< 1	0.23	10	0.92	1795
TN-93-075	202	205	10	< 0.2	2.25	164	140	< 0.5	< 2	0.30	1.0	20	64	64	4.79	< 10	< 1	0.20	10	0.92	2170
TN-93-076	202	205	10	< 0.2	1.95	112	180	< 0.5	< 2	0.53	0.5	15	44	70	4.28	< 10	< 1	0.28	10	0.94	1350
TN-93-077	202	205	15	< 0.2	2.08	118	200	< 0.5	< 2	0.64	0.5	15	41	75	4.39	< 10	< 1	0.30	10	0.97	1430
TN-93-078	202	205	10	< 0.2	2.05	132	210	< 0.5	< 2	0.68	0.5	17	39	84	4.56	< 10	< 1	0.30	10	0.92	1410
TN-93-079	202	205	25	< 0.2	1.92	142	200	< 0.5	4	0.75	< 0.5	15	41	79	4.24	< 10	< 1	0.27	10	0.87	1215
TN-93-080	202	205	15	< 0.2	1.95	138	240	< 0.5	< 2	0.67	0.5	14	50	78	4.36	< 10	< 1	0.31	10	0.89	1390

CERTIFICATION: Peter Buchan

Chemex Labs Ltd.

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

To: LAC MINERALS

P.O. BOX 337
STEWART, BC
V0T 1W0

Project :
Comments: ATTN: ADRIAN BRAY CC: HANS SMIT

Page Number :2-B
Total Pages :4
Certificate Date: 14-SEP-93
Invoice No. :19320631
P.O. Number :
Account :KYO

CERTIFICATE OF ANALYSIS A9320631

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TN-93-041	202	205	23	0.01	15	1450	16	4	6	5	0.01	< 10	< 10	95	< 10	670
TN-93-042	202	205	16	0.02	33	1110	18	4	6	12	< 0.01	< 10	< 10	66	< 10	1600
TN-93-043	202	205	9	0.01	13	930	14	8	4	7	< 0.01	< 10	< 10	27	< 10	438
TN-93-044	202	205	4	0.01	10	1650	6	2	2	12	0.07	< 10	< 10	66	< 10	106
TN-93-045	202	205	11	0.01	28	1200	8	6	3	6	< 0.01	< 10	< 10	27	< 10	1020
TN-93-046	202	205	2	0.02	10	750	8	2	2	9	0.03	< 10	< 10	85	< 10	114
TN-93-047	202	205	1	0.02	14	610	16	2	6	15	0.09	< 10	< 10	100	< 10	184
TN-93-048	202	205	2	0.02	21	1080	8	2	6	17	0.09	< 10	< 10	92	< 10	252
TN-93-049	202	205	8	0.01	10	1110	12	4	3	13	0.01	< 10	< 10	28	< 10	250
TN-93-050	202	205	7	0.01	11	1080	6	2	2	24	0.01	< 10	< 10	22	< 10	258
TN-93-051	202	205	7	0.01	11	1180	8	4	3	25	0.01	< 10	< 10	27	< 10	266
TN-93-052	202	205	12	0.01	14	790	18	6	3	9	< 0.01	< 10	< 10	25	< 10	410
TN-93-053	202	205	7	0.03	8	440	10	4	3	8	< 0.01	< 10	< 10	38	< 10	244
TN-93-054	202	205	8	0.01	12	880	16	2	6	8	< 0.01	< 10	< 10	39	< 10	502
TN-93-055	202	205	1	0.02	11	520	8	< 2	6	10	0.08	< 10	< 10	100	< 10	114
TN-93-056	202	205	7	0.01	15	960	16	4	3	14	0.04	< 10	< 10	61	< 10	426
TN-93-057	202	205	6	0.02	28	730	12	2	4	13	0.01	< 10	< 10	35	< 10	520
TN-93-058	202	205	2	0.02	15	1000	14	2	6	23	0.03	< 10	< 10	73	< 10	148
TN-93-059	202	205	< 1	0.02	8	1200	20	2	5	22	0.01	< 10	< 10	58	< 10	104
TN-93-060	202	205	< 1	0.02	8	1250	6	4	5	28	0.01	< 10	< 10	63	< 10	94
TN-93-061	202	205	< 1	0.02	8	1410	28	< 2	3	45	0.03	< 10	< 10	78	< 10	154
TN-93-062	202	205	< 1	0.02	4	1620	36	< 2	2	13	0.01	< 10	20	60	< 10	98
TN-93-063	202	205	< 1	0.03	8	1340	14	2	4	21	0.06	< 10	< 10	69	< 10	98
TN-93-064	202	205	< 1	0.02	11	770	14	< 2	6	21	0.11	< 10	< 10	124	< 10	76
TN-93-065	202	205	1	0.02	5	1290	20	< 2	3	16	0.02	< 10	< 10	43	< 10	104
TN-93-066	202	205	1	0.01	6	1770	14	4	2	14	0.01	< 10	< 10	54	< 10	82
TN-93-067	202	205	< 1	0.01	5	1210	22	6	3	29	0.01	< 10	< 10	52	< 10	64
TN-93-068	202	205	1	0.02	4	1130	22	2	3	25	0.01	< 10	< 10	50	< 10	116
TN-93-069	202	205	< 1	0.02	6	1510	34	2	2	38	0.02	< 10	10	49	< 10	150
TN-93-070	202	205	< 1	0.02	3	1280	12	2	2	21	< 0.01	< 10	< 10	36	< 10	86
TN-93-071	202	205	< 1	0.02	6	1530	20	2	3	42	0.01	< 10	< 10	39	< 10	118
TN-93-072	202	205	1	0.01	7	1400	46	< 2	2	33	0.01	< 10	< 10	44	< 10	128
TN-93-073	202	205	< 1	0.02	8	630	16	< 2	5	18	0.11	< 10	< 10	132	< 10	90
TN-93-074	202	205	1	0.01	12	1230	30	4	4	23	0.01	< 10	< 10	52	< 10	148
TN-93-075	202	205	< 1	0.01	9	1530	48	4	4	18	0.01	< 10	< 10	52	< 10	154
TN-93-076	202	205	< 1	0.02	13	1440	12	4	4	26	0.01	< 10	< 10	49	< 10	118
TN-93-077	202	205	< 1	0.03	13	1320	14	2	4	30	0.01	< 10	< 10	51	< 10	124
TN-93-078	202	205	< 1	0.03	13	1390	18	4	5	30	0.01	< 10	< 10	51	< 10	124
TN-93-079	202	205	< 1	0.02	12	1370	18	< 2	4	29	0.01	< 10	< 10	46	< 10	118
TN-93-080	202	205	< 1	0.03	13	1370	12	2	4	31	0.01	< 10	< 10	49	< 10	114

CERTIFICATION:

Chemex Labs Ltd.

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

To: LAC MINERALS

P.O. BOX 337
STEWART, BC
V0T 1W0

Project :
Comments: ATTN: ADRIAN BRAY CC: HANS SMIT

Page Number :3-A
Total Pages :4
Certificate Date: 14-SEP-93
Invoice No. :I9320631
P.O. Number :
Account :KYO

CERTIFICATE OF ANALYSIS A9320631

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
TN-93-081	202	205	< 5	< 0.2	1.75	116	220	< 0.5	2	0.64	< 0.5	16	41	73	4.29	< 10	< 1	0.19	10	0.81	1405
TN-93-082	202	205	10	< 0.2	2.07	100	180	< 0.5	2	0.76	< 0.5	17	35	84	4.50	< 10	< 1	0.16	10	1.04	1345
TN-93-083	202	205	< 5	0.2	2.12	24	150	< 0.5	< 2	0.45	1.0	23	80	75	5.04	< 10	< 1	0.16	10	1.34	1985
TN-93-084	202	205	< 5	< 0.2	1.96	48	150	< 0.5	< 2	1.01	< 0.5	17	36	82	4.16	< 10	< 1	0.14	10	1.00	1030
TN-93-085	202	205	< 5	< 0.2	2.24	36	270	< 0.5	< 2	1.10	0.5	20	36	112	4.62	< 10	< 1	0.12	< 10	1.16	1145
TN-93-086	202	205	< 5	< 0.2	1.83	24	240	< 0.5	< 2	0.75	0.5	17	29	166	4.28	< 10	< 1	0.15	10	0.73	1615
TN-93-087	202	205	< 5	< 0.2	1.81	66	200	< 0.5	< 2	0.63	0.5	16	36	80	4.41	< 10	< 1	0.20	10	0.78	1295
TN-93-088	202	205	< 5	< 0.2	1.70	88	230	< 0.5	< 2	0.99	< 0.5	14	33	81	4.25	< 10	< 1	0.21	10	0.78	1380
TN-93-089	202	205	15	< 0.2	1.86	88	320	< 0.5	< 2	1.07	0.5	16	35	76	4.55	< 10	< 1	0.24	10	0.82	1335
TN-93-090	202	205	< 5	0.4	1.80	76	200	< 0.5	< 2	1.20	< 0.5	13	36	66	4.25	< 10	< 1	0.23	10	0.81	1135
TN-93-091	202	205	< 5	0.2	1.75	92	220	< 0.5	< 2	0.89	< 0.5	15	38	72	4.39	< 10	< 1	0.21	10	0.78	1265
TN-93-092	202	205	< 5	< 0.2	1.72	86	190	< 0.5	< 2	0.82	0.5	16	34	73	4.38	< 10	< 1	0.20	10	0.78	1195
TN-93-093	202	205	5	< 0.2	1.84	84	180	< 0.5	< 2	0.79	0.5	16	40	77	4.54	< 10	< 1	0.24	10	0.82	1195
TN-93-094	202	205	< 5	< 0.2	1.72	58	160	< 0.5	< 2	0.92	0.5	16	37	74	4.25	< 10	< 1	0.21	10	0.80	1110
TN-93-095	202	205	15	< 0.2	1.74	32	200	< 0.5	2	0.72	1.0	15	43	70	4.02	< 10	< 1	0.22	10	0.85	1620
TN-93-096	202	205	< 5	< 0.2	2.03	62	180	< 0.5	< 2	0.25	0.5	14	60	48	4.10	< 10	< 1	0.22	10	0.91	1865
TN-93-097	202	205	< 5	0.2	1.36	50	150	< 0.5	< 2	0.55	2.5	16	55	43	3.54	< 10	< 1	0.23	< 10	0.62	1675
TN-93-098	202	205	15	0.2	1.40	44	120	< 0.5	< 2	0.37	1.5	17	54	63	3.91	< 10	< 1	0.21	10	0.65	1400
TN-93-099	202	205	5	0.4	1.36	24	110	< 0.5	< 2	0.63	2.0	12	56	56	3.59	< 10	< 1	0.19	10	0.66	945
TN-93-100	202	205	10	0.2	1.14	58	110	< 0.5	< 2	0.72	1.5	12	59	63	3.34	< 10	< 1	0.21	10	0.51	860
TN-93-101	202	205	< 5	< 0.2	2.17	18	100	< 0.5	< 2	0.12	< 0.5	11	73	35	3.84	< 10	< 1	0.14	10	1.22	465
TN-93-102	202	205	< 5	< 0.2	2.31	< 2	120	< 0.5	2	0.17	0.5	11	97	35	3.92	< 10	< 1	0.15	10	1.31	455
TN-93-103	202	205	< 5	< 0.2	1.87	8	120	< 0.5	< 2	0.28	< 0.5	8	29	26	3.82	< 10	< 1	0.15	< 10	1.01	2060
TN-93-104	202	205	< 5	< 0.2	1.85	4	250	< 0.5	< 2	1.07	< 0.5	14	36	37	3.70	< 10	< 1	0.24	< 10	0.85	2810
TN-93-105	202	205	< 5	0.2	1.78	6	120	< 0.5	< 2	0.98	1.5	11	80	34	3.57	< 10	< 1	0.18	< 10	1.05	895
TN-93-106	202	205	< 5	< 0.2	1.66	14	100	< 0.5	< 2	1.13	1.0	9	69	32	3.34	< 10	2	0.16	< 10	1.00	800
TN-93-107	202	205	< 5	0.6	1.21	14	160	< 0.5	6	2.38	1.5	10	36	58	3.16	< 10	< 1	0.21	< 10	0.72	845
TN-93-108	202	205	< 5	0.4	1.97	18	100	< 0.5	4	1.55	3.5	14	34	88	4.23	< 10	< 1	0.24	< 10	1.21	990
TN-93-109	202	205	< 5	0.6	1.33	110	110	< 0.5	< 2	0.98	6.5	12	35	75	4.00	< 10	< 1	0.24	< 10	0.66	1010
TN-93-110	202	205	< 5	0.4	1.42	34	100	< 0.5	< 2	1.51	3.0	11	33	68	3.85	< 10	< 1	0.26	< 10	0.79	745
TN-93-111	202	205	< 5	0.2	1.82	40	100	< 0.5	< 2	2.13	1.0	13	31	92	4.29	< 10	< 1	0.34	< 10	1.09	855
TN-93-112	202	205	< 5	< 0.2	2.27	18	100	< 0.5	< 2	2.76	< 0.5	16	29	97	4.44	< 10	< 1	0.39	< 10	1.45	935
TN-93-113	202	205	< 5	< 0.2	2.14	20	110	< 0.5	< 2	2.37	< 0.5	14	30	95	4.12	< 10	< 1	0.38	< 10	1.32	835
TN-93-114	202	205	< 5	< 0.2	2.03	40	110	< 0.5	2	2.19	< 0.5	14	27	90	4.26	< 10	< 1	0.31	< 10	1.28	885
TN-93-115	202	205	< 5	< 0.2	2.21	6	180	< 0.5	2	3.48	0.5	14	30	99	4.17	< 10	< 1	0.31	< 10	1.43	1180
TN-93-116	202	205	< 5	< 0.2	1.92	18	220	< 0.5	< 2	3.16	0.5	13	25	102	3.97	< 10	< 1	0.23	< 10	1.12	1160
TN-93-117	202	205	< 5	< 0.2	2.14	6	150	< 0.5	2	3.69	0.5	13	26	79	3.91	< 10	< 1	0.19	10	1.17	1100
TN-93-118	202	205	5	< 0.2	1.82	4	150	< 0.5	< 2	3.04	0.5	13	31	72	3.77	< 10	< 1	0.17	< 10	0.98	1045
TN-93-119	202	205	10	< 0.2	1.82	4	270	< 0.5	< 2	3.58	< 0.5	12	30	78	3.45	< 10	< 1	0.19	< 10	0.91	1185
TN-93-120	202	205	< 5	< 0.2	1.83	< 2	310	< 0.5	< 2	3.75	0.5	15	32	134	3.71	< 10	< 1	0.17	< 10	1.09	1335

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Invoice No. :I9320631
P.O. Number :
Account :KYO

CERTIFICATE OF ANALYSIS A9320631

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TN-93-081	202	205	< 1	0.02	9	1300	16	< 2	4	30	0.01	< 10	< 10	44	< 10	150
TN-93-082	202	205	< 1	0.02	13	1370	18	2	5	34	0.02	< 10	< 10	56	< 10	104
TN-93-083	202	205	2	0.01	107	1320	14	2	4	30	< 0.01	< 10	< 10	48	< 10	222
TN-93-084	202	205	< 1	0.02	21	1500	10	2	4	43	0.01	< 10	< 10	48	< 10	130
TN-93-085	202	205	< 1	0.02	10	1470	18	< 2	6	52	0.01	< 10	< 10	59	< 10	120
TN-93-086	202	205	< 1	0.02	8	1400	6	< 2	4	39	< 0.01	< 10	< 10	40	< 10	96
TN-93-087	202	205	< 1	0.01	12	1360	18	2	3	46	< 0.01	< 10	< 10	40	< 10	126
TN-93-088	202	205	< 1	0.01	12	1360	14	2	3	50	< 0.01	< 10	< 10	36	< 10	128
TN-93-089	202	205	< 1	0.02	13	1390	16	2	4	64	< 0.01	< 10	< 10	40	< 10	128
TN-93-090	202	205	< 1	0.01	12	1360	10	2	3	59	< 0.01	< 10	< 10	39	< 10	120
TN-93-091	202	205	< 1	0.01	13	1310	14	4	3	53	< 0.01	< 10	< 10	37	< 10	128
TN-93-092	202	205	< 1	0.01	14	1340	16	4	3	52	< 0.01	< 10	< 10	36	< 10	134
TN-93-093	202	205	1	0.01	17	1330	18	2	3	53	< 0.01	< 10	< 10	38	< 10	144
TN-93-094	202	205	< 1	0.01	16	1320	12	2	3	53	< 0.01	< 10	< 10	35	< 10	132
TN-93-095	202	205	1	0.01	17	1550	18	2	3	45	< 0.01	< 10	< 10	39	< 10	160
TN-93-096	202	205	1	0.01	19	1430	20	2	2	19	0.02	< 10	< 10	67	< 10	156
TN-93-097	202	205	1	0.01	19	1490	36	6	2	36	0.01	< 10	< 10	43	< 10	192
TN-93-098	202	205	1	0.01	28	1330	32	6	2	25	0.01	< 10	< 10	38	< 10	190
TN-93-099	202	205	1	0.01	24	1530	32	6	2	38	< 0.01	< 10	< 10	33	< 10	194
TN-93-100	202	205	2	0.01	24	1340	26	2	2	43	< 0.01	< 10	< 10	27	< 10	188
TN-93-101	202	205	< 1	0.01	52	690	6	< 2	3	16	< 0.01	< 10	< 10	35	< 10	96
TN-93-102	202	205	< 1	0.01	63	880	18	< 2	3	21	< 0.01	< 10	< 10	37	< 10	96
TN-93-103	202	205	1	0.02	22	600	14	< 2	3	8	0.18	< 10	< 10	32	< 10	114
TN-93-104	202	205	< 1	0.02	26	820	2	< 2	4	32	0.17	< 10	< 10	30	< 10	136
TN-93-105	202	205	1	0.02	56	820	6	2	4	56	0.01	< 10	< 10	34	< 10	142
TN-93-106	202	205	1	0.02	48	760	8	2	4	59	0.01	< 10	< 10	32	< 10	146
TN-93-107	202	205	1	0.02	10	1010	16	< 2	4	114	0.01	< 10	< 10	44	< 10	150
TN-93-108	202	205	2	0.02	20	1220	10	2	6	56	0.08	< 10	< 10	80	< 10	276
TN-93-109	202	205	5	0.02	19	1100	24	6	5	36	0.04	< 10	< 10	53	< 10	488
TN-93-110	202	205	8	0.03	21	1230	10	6	6	53	0.04	< 10	< 10	63	< 10	340
TN-93-111	202	205	3	0.03	16	1370	6	6	7	72	0.07	< 10	< 10	80	< 10	162
TN-93-112	202	205	< 1	0.03	12	1400	< 2	4	7	92	0.10	< 10	< 10	100	< 10	86
TN-93-113	202	205	< 1	0.03	13	1310	< 2	< 2	7	83	0.08	< 10	< 10	85	< 10	92
TN-93-114	202	205	< 1	0.02	15	1390	12	< 2	6	81	0.05	< 10	< 10	69	< 10	86
TN-93-115	202	205	< 1	0.03	8	1340	10	< 2	6	142	0.07	< 10	< 10	83	< 10	90
TN-93-116	202	205	< 1	0.02	7	1240	14	< 2	4	131	0.03	< 10	< 10	55	< 10	114
TN-93-117	202	205	< 1	0.02	7	1430	6	< 2	4	117	0.01	< 10	< 10	46	< 10	98
TN-93-118	202	205	< 1	0.02	7	1280	8	< 2	4	98	0.01	< 10	< 10	47	< 10	86
TN-93-119	202	205	< 1	0.02	5	1240	2	2	3	117	0.01	< 10	< 10	40	< 10	86
TN-93-120	202	205	< 1	0.02	3	1260	8	< 2	3	133	0.01	< 10	< 10	47	< 10	94

CERTIFICATION: Hart Bechler

Chemex Labs Ltd.

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

To: LAC MINERALS
P.O. BOX 337
STEWART, BC
V0T 1W0

Project :
Comments: ATTN: ADRIAN BRAY CC: HANS SMIT

e N er :4-A
al Pages :4
Certificate Date: 14-SEP-93
Invoice No. :I9320631
P.O. Number :
Account :KYO

CERTIFICATE OF ANALYSIS A9320631

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
TN-93-121	202	205	5	< 0.2	1.53	16	260	< 0.5	4	1.62	0.5	10	43	73	3.25	< 10	< 1	0.28	< 10	0.82	955
TN-93-122	202	205	15	0.6	1.73	56	230	< 0.5	< 2	1.23	0.5	14	46	60	4.34	< 10	< 1	0.28	10	0.76	1180
TN-93-123	202	205	< 5	1.0	1.51	34	90	< 0.5	4	1.45	1.5	18	47	120	4.47	10	< 1	0.34	10	0.67	1085
TN-93-124	202	205	< 5	0.6	1.66	32	90	< 0.5	2	1.33	1.0	18	51	127	4.63	< 10	< 1	0.34	10	0.79	1065
TN-93-125	202	205	< 5	1.4	1.51	34	90	< 0.5	< 2	1.04	2.0	20	38	153	4.91	< 10	< 1	0.33	10	0.65	1260
TN-93-126	202	205	< 5	< 0.2	1.47	42	90	< 0.5	2	0.52	< 0.5	20	52	129	5.22	< 10	< 1	0.30	< 10	0.55	965
TN-93-127	202	205	< 5	0.2	1.72	82	90	< 0.5	< 2	0.37	0.5	19	47	120	5.18	< 10	< 1	0.27	10	0.67	1310
TN-93-128	202	205	< 5	< 0.2	3.21	< 2	70	< 0.5	< 2	0.77	0.5	23	44	178	5.91	< 10	< 1	0.44	< 10	2.14	1505
TN-93-129	202	205	< 5	< 0.2	2.60	4	60	< 0.5	2	0.49	< 0.5	19	53	83	4.59	< 10	< 1	0.35	< 10	1.74	970
TN-93-130	202	205	< 5	< 0.2	2.70	18	50	< 0.5	< 2	0.32	< 0.5	22	25	127	5.53	< 10	< 1	0.21	< 10	1.65	1130
TN-93-131	202	205	< 5	0.2	2.50	10	110	< 0.5	< 2	1.79	0.5	17	41	128	4.64	< 10	< 1	0.41	10	1.51	1100
TN-93-132	202	205	< 5	< 0.2	2.54	< 2	110	< 0.5	2	2.21	0.5	17	48	123	4.60	< 10	< 1	0.43	10	1.53	1055
TN-93-133	202	205	< 5	< 0.2	3.08	4	70	< 0.5	< 2	0.51	< 0.5	19	48	148	5.42	< 10	< 1	0.40	< 10	1.80	925
TN-93-134	202	205	< 5	< 0.2	2.60	< 2	110	< 0.5	< 2	1.72	< 0.5	18	38	113	4.94	10	< 1	0.38	10	1.39	1105
TN-93-135	202	205	< 5	< 0.2	2.62	< 2	100	< 0.5	4	1.36	< 0.5	19	37	132	5.24	10	< 1	0.33	10	1.38	1420
TN-93-136	202	205	< 5	< 0.2	2.57	< 2	90	< 0.5	< 2	3.96	0.5	18	29	120	4.81	10	< 1	0.37	10	1.49	1175
TN-93-137	202	205	< 5	< 0.2	2.56	< 2	110	< 0.5	< 2	3.23	< 0.5	19	39	130	4.73	10	< 1	0.39	10	1.44	1060
TN-93-138	202	205	< 5	< 0.2	2.52	2	80	< 0.5	< 2	4.71	< 0.5	16	27	111	4.71	< 10	< 1	0.37	< 10	1.47	1265
TN-93-139	202	205	< 5	< 0.2	2.44	2	90	< 0.5	< 2	3.28	< 0.5	17	27	133	4.68	< 10	< 1	0.36	< 10	1.46	1130
TN-93-140	202	205	< 5	< 0.2	2.41	< 2	90	< 0.5	< 2	2.75	0.5	18	27	147	4.81	< 10	< 1	0.32	10	1.37	1130
TN-93-141	202	205	< 5	< 0.2	2.41	< 2	90	< 0.5	< 2	3.42	0.5	16	28	164	4.79	< 10	< 1	0.31	< 10	1.42	1105
TN-93-142	202	205	< 5	< 0.2	2.49	6	100	< 0.5	< 2	2.15	< 0.5	18	30	144	4.93	10	< 1	0.36	10	1.40	1155
TN-93-143	202	205	< 5	< 0.2	2.29	< 2	100	< 0.5	6	3.15	0.5	17	24	154	4.85	10	< 1	0.33	10	1.29	1140
TN-93-144	202	205	5	< 0.2	2.00	< 2	150	< 0.5	< 2	3.64	< 0.5	16	26	143	4.40	< 10	< 1	0.41	10	0.95	1205
TN-93-145	202	205	20	< 0.2	2.00	< 2	130	< 0.5	6	4.28	0.5	16	26	136	4.32	< 10	< 1	0.38	10	1.08	1140
TN-93-146	202	205	< 5	< 0.2	1.93	< 2	100	< 0.5	< 2	4.24	0.5	16	26	131	4.35	< 10	< 1	0.35	< 10	1.10	1165
TN-93-147	202	205	155	< 0.2	1.95	4	90	< 0.5	2	3.19	< 0.5	16	24	125	4.43	< 10	< 1	0.33	10	1.08	1095
TN-93-148	202	205	20	< 0.2	2.05	4	110	< 0.5	< 2	3.83	0.5	16	25	144	4.48	< 10	< 1	0.35	10	1.17	1105
TN-93-149	202	205	< 5	< 0.2	2.23	< 2	120	< 0.5	< 2	2.14	0.5	15	32	122	4.35	< 10	2	0.33	10	1.23	985
TN-93-150	202	205	< 5	< 0.2	2.37	< 2	130	< 0.5	4	1.77	0.5	17	36	136	4.63	< 10	< 1	0.35	10	1.28	1020
TN-93-151	202	205	< 5	< 0.2	2.61	< 2	140	< 0.5	< 2	2.86	0.5	20	36	166	5.11	< 10	< 1	0.37	10	1.45	1235
TN-93-200	202	205	5	0.2	0.82	112	120	< 0.5	2	0.93	1.5	12	67	67	3.98	< 10	< 1	0.32	10	0.38	1070
TN-93-201	202	205	< 5	< 0.2	2.41	38	170	< 0.5	< 2	0.36	1.0	16	89	54	4.42	< 10	< 1	0.26	10	1.16	1500
TN-93-202	202	205	< 5	< 0.2	2.33	30	160	< 0.5	< 2	0.58	0.5	16	87	61	4.39	< 10	< 1	0.26	10	1.13	1915

CERTIFICATION: Ian H Bucholz

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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): LAC MINERALS

P.O. BOX 337
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V0T 1W0

Project :
Comments: ATTN: ADRIAN BRAY CC: HANS SMIT

e N er :4-B
.l Pages :4
Certificate Date: 14-SEP-93
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CERTIFICATE OF ANALYSIS A9320631

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TN-93-121	202	205	1	0.04	4	1160	14	2	3	65	< 0.01	< 10	< 10	37	< 10	102
TN-93-122	202	205	1	0.02	16	1310	26	2	4	70	< 0.01	< 10	< 10	38	< 10	150
TN-93-123	202	205	1	0.03	13	1530	26	2	5	75	0.01	< 10	< 10	53	< 10	152
TN-93-124	202	205	1	0.03	15	1660	24	2	6	75	0.01	< 10	< 10	61	< 10	134
TN-93-125	202	205	1	0.02	14	1690	42	6	6	62	0.01	< 10	< 10	56	< 10	194
TN-93-126	202	205	1	0.01	11	1630	10	2	5	41	0.02	< 10	< 10	61	< 10	88
TN-93-127	202	205	1	0.01	12	1490	18	< 2	4	29	0.02	< 10	< 10	63	< 10	86
TN-93-128	202	205	< 1	0.03	13	1450	8	2	12	49	0.25	< 10	< 10	182	< 10	86
TN-93-129	202	205	< 1	0.02	10	1220	8	< 2	6	75	0.20	< 10	< 10	134	< 10	78
TN-93-130	202	205	< 1	0.01	12	1390	14	< 2	7	24	0.13	< 10	< 10	126	< 10	84
TN-93-131	202	205	< 1	0.03	11	1540	6	2	8	67	0.11	< 10	< 10	106	< 10	96
TN-93-132	202	205	< 1	0.03	12	1640	8	2	8	82	0.11	< 10	< 10	108	< 10	80
TN-93-133	202	205	< 1	0.03	13	1520	8	< 2	9	53	0.20	< 10	< 10	149	< 10	84
TN-93-134	202	205	< 1	0.02	12	1490	12	2	7	77	0.05	< 10	< 10	90	< 10	64
TN-93-135	202	205	< 1	0.02	14	1410	6	2	7	65	0.04	< 10	< 10	91	< 10	68
TN-93-136	202	205	< 1	0.02	11	1500	6	2	8	162	0.04	< 10	< 10	94	< 10	62
TN-93-137	202	205	< 1	0.03	10	1570	2	< 2	7	130	0.04	< 10	< 10	90	< 10	62
TN-93-138	202	205	< 1	0.02	10	1470	2	< 2	8	190	0.04	< 10	< 10	93	< 10	58
TN-93-139	202	205	< 1	0.03	11	1580	6	< 2	8	145	0.05	< 10	< 10	96	< 10	64
TN-93-140	202	205	< 1	0.02	10	1630	8	< 2	7	133	0.03	< 10	< 10	83	< 10	70
TN-93-141	202	205	< 1	0.02	9	1600	8	2	7	152	0.04	< 10	< 10	89	< 10	66
TN-93-142	202	205	< 1	0.03	11	1660	2	< 2	7	108	0.04	< 10	< 10	91	< 10	68
TN-93-143	202	205	< 1	0.02	10	1740	6	2	6	157	0.02	< 10	< 10	75	< 10	68
TN-93-144	202	205	< 1	0.02	9	1660	6	< 2	5	154	0.01	< 10	< 10	56	< 10	58
TN-93-145	202	205	< 1	0.02	9	1630	4	4	5	187	0.02	< 10	< 10	60	< 10	54
TN-93-146	202	205	< 1	0.02	10	1610	4	< 2	5	167	0.02	< 10	< 10	59	< 10	62
TN-93-147	202	205	< 1	0.02	10	1580	4	< 2	5	136	0.01	< 10	< 10	59	< 10	60
TN-93-148	202	205	< 1	0.02	10	1640	2	2	5	164	0.01	< 10	< 10	62	< 10	66
TN-93-149	202	205	< 1	0.02	13	1630	4	< 2	5	83	0.03	< 10	< 10	68	< 10	80
TN-93-150	202	205	< 1	0.02	12	1670	14	2	6	71	0.03	< 10	< 10	72	< 10	124
TN-93-151	202	205	< 1	0.02	14	1820	10	4	6	106	0.03	< 10	< 10	83	< 10	114
TN-93-200	202	205	< 1	0.02	24	1490	32	6	2	55	< 0.01	< 10	< 10	18	< 10	220
TN-93-201	202	205	1	0.02	23	1560	20	< 2	4	28	0.02	< 10	< 10	79	< 10	152
TN-93-202	202	205	< 1	0.02	24	1470	22	4	4	49	0.03	< 10	< 10	78	< 10	150

CERTIFICATION: Scott Buchlen

Chemex Labs Ltd.

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

ɔ: LAC MINERALS

P.O. BOX 337
STEWART, BC
V0T 1W0

A9320632

Comments: ATTN: ADRIAN BRAY CC: HANS SMIT

CERTIFICATE A9320632

LAC MINERALS

Project:
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 16-SEP-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
202	10	save reject
205	10	Geochem ring to approx 150 mesh
274	10	0-15 lb crush and split
229	10	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	10	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	10	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	10	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	10	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	10	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	10	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	10	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	10	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	10	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	10	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	10	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	10	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	10	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	10	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	10	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	10	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	10	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	10	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	10	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	10	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	10	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	10	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	10	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	10	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	10	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	10	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	10	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	10	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	10	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	10	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	10	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	10	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	10	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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CERTIFICATE OF ANALYSIS A9320632

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
SN-93-01	202	205	< 5	0.2	1.56	44	210	< 0.5	< 2	0.31	1.5	9	104	32	3.55	< 10	< 1	0.34	< 10	0.73	920
SN-93-02	202	205	< 5	0.4	1.31	22	140	< 0.5	< 2	0.30	1.5	5	64	24	2.80	< 10	< 1	0.41	< 10	0.81	625
SN-93-03	202	205	15	0.4	0.85	46	110	< 0.5	< 2	0.22	2.5	5	61	20	2.55	< 10	< 1	0.31	< 10	0.44	485
SN-93-04	202	205	10	0.6	1.39	82	140	< 0.5	< 2	0.19	4.0	7	83	31	3.26	< 10	< 1	0.30	< 10	0.64	890
SN-93-05	202	205	< 5	< 0.2	1.79	26	130	< 0.5	< 2	0.25	1.5	9	64	30	3.17	< 10	< 1	0.27	< 10	1.04	890
SN-93-06	202	205	< 5	0.2	1.80	44	110	< 0.5	< 2	0.30	3.0	6	50	30	3.55	< 10	< 1	0.43	10	0.85	695
SN-93-07	202	205	10	0.2	1.49	66	120	< 0.5	< 2	0.19	6.5	8	46	38	3.94	< 10	< 1	0.31	10	0.48	1150
SN-93-08	202	205	< 5	0.6	1.07	104	80	< 0.5	< 2	0.22	5.0	3	72	33	3.34	< 10	< 1	0.35	< 10	0.28	445
SN-93-09	202	205	5	0.4	1.42	88	160	< 0.5	< 2	0.19	8.0	10	43	55	4.28	< 10	< 1	0.41	10	0.45	1105
SN-93-10	202	205	< 5	0.2	0.91	130	90	< 0.5	< 2	0.55	4.5	9	15	51	4.21	< 10	< 1	0.18	< 10	0.40	845

CERTIFICATION:

Chemex Labs Ltd.

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

To: LAC MINERALS

P.O. BOX 337
STEWART, BC
V0T 1W0

Project :
Comments: ATTN: ADRIAN BRAY CC: HANS SMIT

P ...er :1-B
To. .Pages :1
Certificate Date: 16-SEP-93
Invoice No. :I9320632
P.O. Number :
Account :KYO

CERTIFICATE OF ANALYSIS A9320632

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
SN-93-01	202	205	4	0.02	28	670	8	4	3	27	0.05	< 10	< 10	36	10	260
SN-93-02	202	205	3	0.01	15	600	6	2	2	25	< 0.01	< 10	< 10	22	10	218
SN-93-03	202	205	2	< 0.01	8	380	2	2	3	13	< 0.01	< 10	< 10	17	< 10	332
SN-93-04	202	205	6	0.01	17	550	6	2	3	13	< 0.01	< 10	< 10	29	< 10	448
SN-93-05	202	205	1	0.01	30	840	10	< 2	3	20	< 0.01	< 10	< 10	30	10	200
SN-93-06	202	205	3	0.01	10	650	10	< 2	4	20	< 0.01	< 10	< 10	35	< 10	362
SN-93-07	202	205	6	0.01	19	760	14	2	4	13	< 0.01	< 10	< 10	36	< 10	520
SN-93-08	202	205	7	0.01	12	640	10	6	4	10	< 0.01	< 10	< 10	32	< 10	468
SN-93-09	202	205	8	0.02	20	900	12	4	4	13	0.01	< 10	< 10	44	< 10	576
SN-93-10	202	205	13	0.01	28	1090	12	4	3	24	< 0.01	< 10	< 10	28	10	434

CERTIFICATION: Adriana Alexander

B.C. REG 181/89
JUN 19 1989
20 METRES OF EACH
SIDE OF CENTRE LINE
SUBJECT TO CONDITIONS

B.C REG 181/89
JUN 19 1989
20 METRES OF EACH
SIDE OF CENTRE LINE
SUBJECT TO CONDITIONS

MINERAL RESERVE
B.C. REG 91/90
MAR 15 1990
NO STAKING

Bear River Pass

Cambria Icefield

Mt. Gladstone

Mt. Disraeli

Mt. Dickie

Mt. McLeod

Mt. Magee

Mt. Andreas Vogt

Mt. Strohn

Stewart

Cambria Snowfield

Geological Branch
Assessment Report

23,123

LAC MINERALS LTD.
NELSON PROPERTY

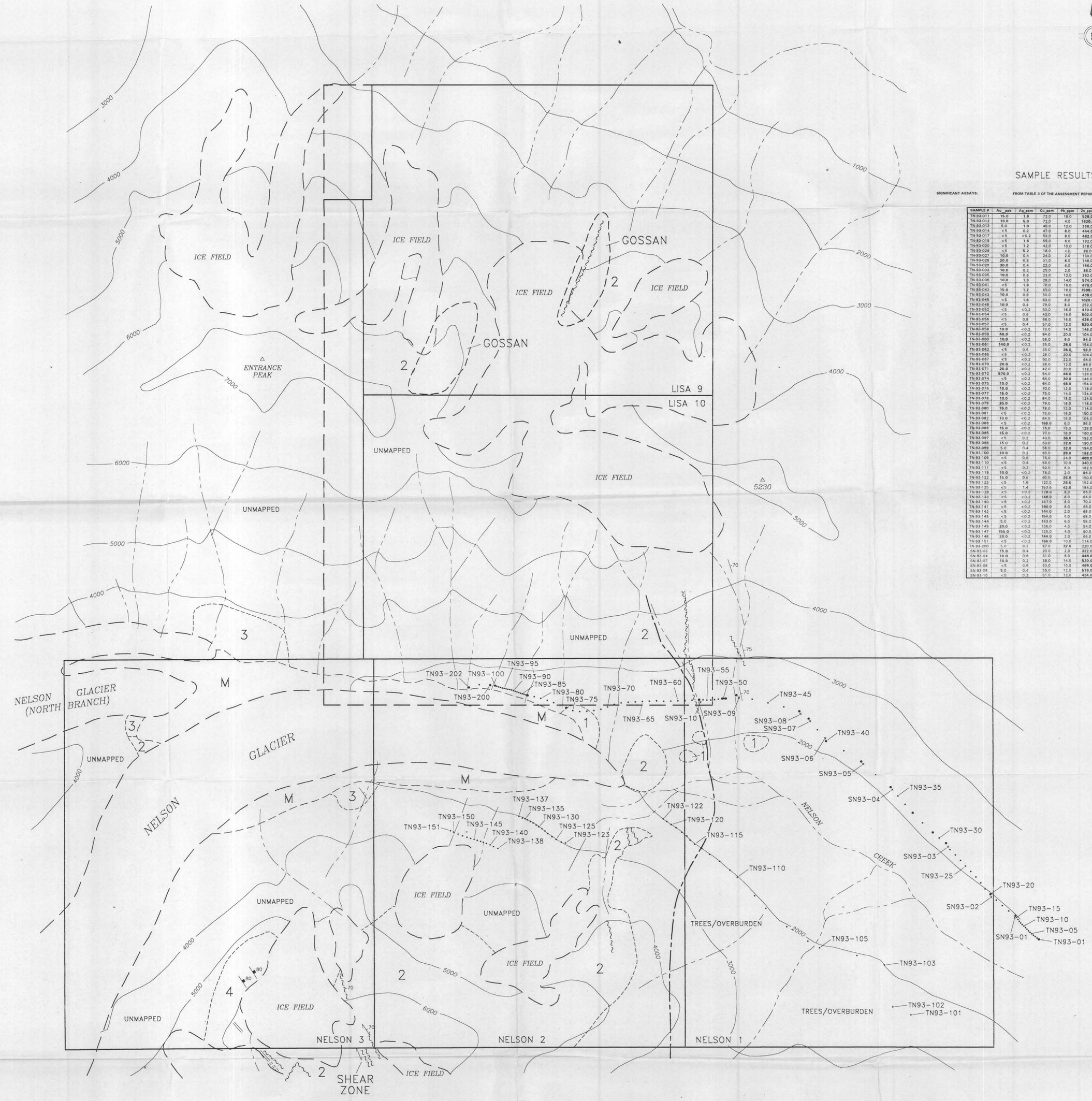
CLAIM DISPOSITION MAP

SCALE: 1 : 50,000 FIGURE 93-020
DATE: NOV. 1993

SAMPLE RESULTS

SIGNIFICANT ASSAYS: FROM TABLE 3 OF THE ASSESSMENT REPORT

SAMPLE #	Au_ppb	Ag_ppm	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Sb_ppm
TN-93-011	15.0	1.8	72.0	18.0	**528.0**	132.0	**32.0**
TN-93-012	10.0	5.0	72.0	4.0	**1620.0**	74.0	**18.0**
TN-93-013	5.0	1.0	40.0	12.0	**338.0**	26.0	4.0
TN-93-014	<5	0.2	47.0	8.0	**444.0**	34.0	4.0
TN-93-017	<5	<0.2	53.0	8.0	**462.0**	30.0	<2.
TN-93-018	<5	1.6	55.0	6.0	192.0	30.0	2.0
TN-93-020	<5	1.2	42.0	10.0	318.0	28.0	<2.
TN-93-026	<5	5.2	18.0	<2.	86.0	50.0	**6.0**
TN-93-027	10.0	0.4	24.0	2.0	130.0	42.0	<2.
TN-93-028	20.0	0.8	31.0	8.0	148.0	84.0	4.0
TN-93-029	30.0	0.4	22.0	6.0	166.0	86.0	4.0
TN-93-033	10.0	0.2	25.0	2.0	88.0	2.0	<2.
TN-93-035	10.0	0.6	23.0	12.0	362.0	6.0	<2.
TN-93-036	10.0	1.6	28.0	14.0	574.0	**100.0**	4.0
TN-93-041	<5	1.6	70.0	16.0	**670.0**	70.0	4.0
TN-93-042	15.0	1.2	65.0	18.0	**1598.0**	**124.0**	4.0
TN-93-043	10.0	0.8	50.0	14.0	**438.0**	**196.0**	**8.0**
TN-93-045	<5	1.6	83.0	8.0	**1020.0**	72.0	**6.0**
TN-93-048	10.0	0.4	79.0	8.0	252.0	50.0	2.0
TN-93-052	<5	<0.2	53.0	18.0	**410.0**	**180.0**	**6.0**
TN-93-054	<5	0.6	42.0	16.0	**502.0**	40.0	2.0
TN-93-056	<5	0.8	68.0	16.0	**426.0**	66.0	4.0
TN-93-057	<5	0.4	57.0	12.0	**520.0**	**128.0**	2.0
TN-93-058	10.0	<0.2	73.0	14.0	148.0	**158.0**	2.0
TN-93-059	40.0	<0.2	84.0	20.0	104.0	**680.0**	2.0
TN-93-060	10.0	<0.2	58.0	8.0	**94.0**	**218.0**	4.0
TN-93-061	140.0	<0.2	35.0	**28.0**	154.0	92.0	<2.
TN-93-062	<5	0.6	35.0	**36.0**	**98.0**	58.0	<2.
TN-93-065	<5	<0.2	28.0	20.0	104.0	**134.0**	<2.
TN-93-067	<5	<0.2	50.0	22.0	84.0	46.0	**6.0**
TN-93-070	20.0	<0.2	38.0	12.0	**86.0**	**316.0**	2.0
TN-93-071	**25.0**	<0.2	42.0	20.0	118.0	**212.0**	2.0
TN-93-072	**570.0**	<0.2	54.0	**46.0**	128.0	64.0	<2.
TN-93-074	<5	<0.2	84.0	**30.0**	148.0	**126.0**	4.0
TN-93-075	10.0	<0.2	64.0	**48.0**	154.0	**164.0**	4.0
TN-93-076	10.0	<0.2	70.0	12.0	118.0	**112.0**	4.0
TN-93-077	15.0	<0.2	75.0	14.0	124.0	**118.0**	2.0
TN-93-078	10.0	<0.2	84.0	18.0	124.0	**132.0**	4.0
TN-93-079	**25.0**	<0.2	79.0	18.0	118.0	**142.0**	<2.
TN-93-080	15.0	<0.2	78.0	12.0	114.0	**138.0**	2.0
TN-93-081	<5	<0.2	73.0	16.0	150.0	**116.0**	<2.
TN-93-082	10.0	<0.2	84.0	16.0	104.0	**100.0**	2.0
TN-93-085	<5	<0.2	**168.0**	6.0	**96.0**	24.0	<2.
TN-93-089	15.0	<0.2	78.0	16.0	128.0	**88.0**	2.0
TN-93-095	15.0	<0.2	70.0	18.0	160.0	**32.0**	2.0
TN-93-097	<5	0.2	43.0	**36.0**	192.0	50.0	**6.0**
TN-93-098	15.0	0.2	63.0	**32.0**	190.0	**44.0**	**6.0**
TN-93-099	5.0	0.4	58.0	**32.0**	194.0	**24.0**	**6.0**
TN-93-100	10.0	0.2	83.0	**26.0**	**188.0**	**58.0**	2.0
TN-93-109	<5	0.6	75.0	**24.0**	**488.0**	**110.0**	**6.0**
TN-93-110	<5	0.4	68.0	10.0	**340.0**	**34.0**	**6.0**
TN-93-111	<5	0.2	92.0	6.0	**162.0**	**40.0**	**6.0**
TN-93-119	10.0	<0.2	78.0	2.0	**86.0**	**4.0**	2.0
TN-93-122	15.0	0.6	60.0	**26.0**	150.0	**56.0**	2.0
TN-93-123	<5	1.0	120.0	**26.0**	152.0	**34.0**	2.0
TN-93-125	<5	1.4	153.0	**42.0**	194.0	**34.0**	**6.0**
TN-93-128	<5	<0.2	178.0	8.0	**86.0**	<2.	2.0
TN-93-133	<5	<0.2	148.0	8.0	84.0	4.0	<2.
TN-93-140	<5	<0.2	147.0	8.0	70.0	<2.	<2.
TN-93-141	<5	<0.2	**164.0**	8.0	**66.0**	<2.	2.0
TN-93-142	<5	<0.2	146.0	2.0	68.0	6.0	<2.
TN-93-143	<5	<0.2	154.0	6.0	68.0	<2.	2.0
TN-93-144	5.0	<0.2	143.0	6.0	58.0	<2.	<2.
TN-93-145	20.0	<0.2	136.0	4.0	54.0	<2.	4.0
TN-93-147	**155.0**	<0.2	125.0	4.0	60.0	4.0	<2.
TN-93-148	20.0	<0.2	**144.0**	2.0	**66.0**	4.0	2.0
TN-93-151	<5	<0.2	**166.0**	10.0	114.0	<2	4.0
TN-93-200	5.0	0.2	87.0	32.0	220.0	**112.0**	**6.0**
SN-93-03	15.0	0.4	20.0	2.0	332.0	**46.0**	2.0
SN-93-04	10.0	0.6	31.0	6.0	**448.0**	**82.0**	2.0
SN-93-07	10.0	0.2	38.0	14.0	**520.0**	**66.0**	2.0
SN-93-08	<5	0.6	33.0	10.0	**488.0**	**104.0**	**6.0**
SN-93-09	5.0	0.4	55.0	12.0	**576.0**	**88.0**	4.0
SN-93-10	<5	0.2	51.0	12.0	**434.0**	**130.0**	4.0



LEGEND

- M — MORAINE
- 1 — BOWSER LAKE GROUP
  Mudstone, siltstone and conglomerate.
- 2 — UNUK RIVER Fm. (HAZELTON GROUP)
  Porphyritic andesite, minor argillites, andesitic ash and lapilli tuff.
- 3 — K–SPAR PORPHYRITIC GRANODIORITE
- 4 — Hbld–Plag PORPHYRY

- 70 — Bedding
- 70 — Jointing
- Andesitic Dyke
- Fault
- Inferred Contact
- Outline of mapped area
- Outline of gossanous area
- TN93-30 · Talus sample
- SN93-03 × Soil sample

GEOLOGICAL BRANCH ASSESSMENT REPORT 23,123

0 200 400 600 800 1000 m
SCALE

LAC MINERALS LTD.

NELSON PROPERTY

GEOLOGY & SAMPLE LOCATION MAP

SCALE: 1 : 10,000	DRAWN BY: Luminai Drafting Ltd.	FILE: NELGEO.DWG
DATE: NOV. 1993	N.T.S. 104A/4E–104A/3W	FIGURE: 93–03