1989 SUMMARY REPORT
ON THE
TREK 1-6 CLAIMS

Located in the Galore Creek area
Liard Mining Division
NTS 104G/3W
57° 03' North Latitude
131° 18' West Longitude

Part 1 of 2

-prepared for-
LORICA RESOURCES LTD.

-prepared by-
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December, 1989

1989 SUMMARY REPORT ON THE TREK 1-6 CLAIMS

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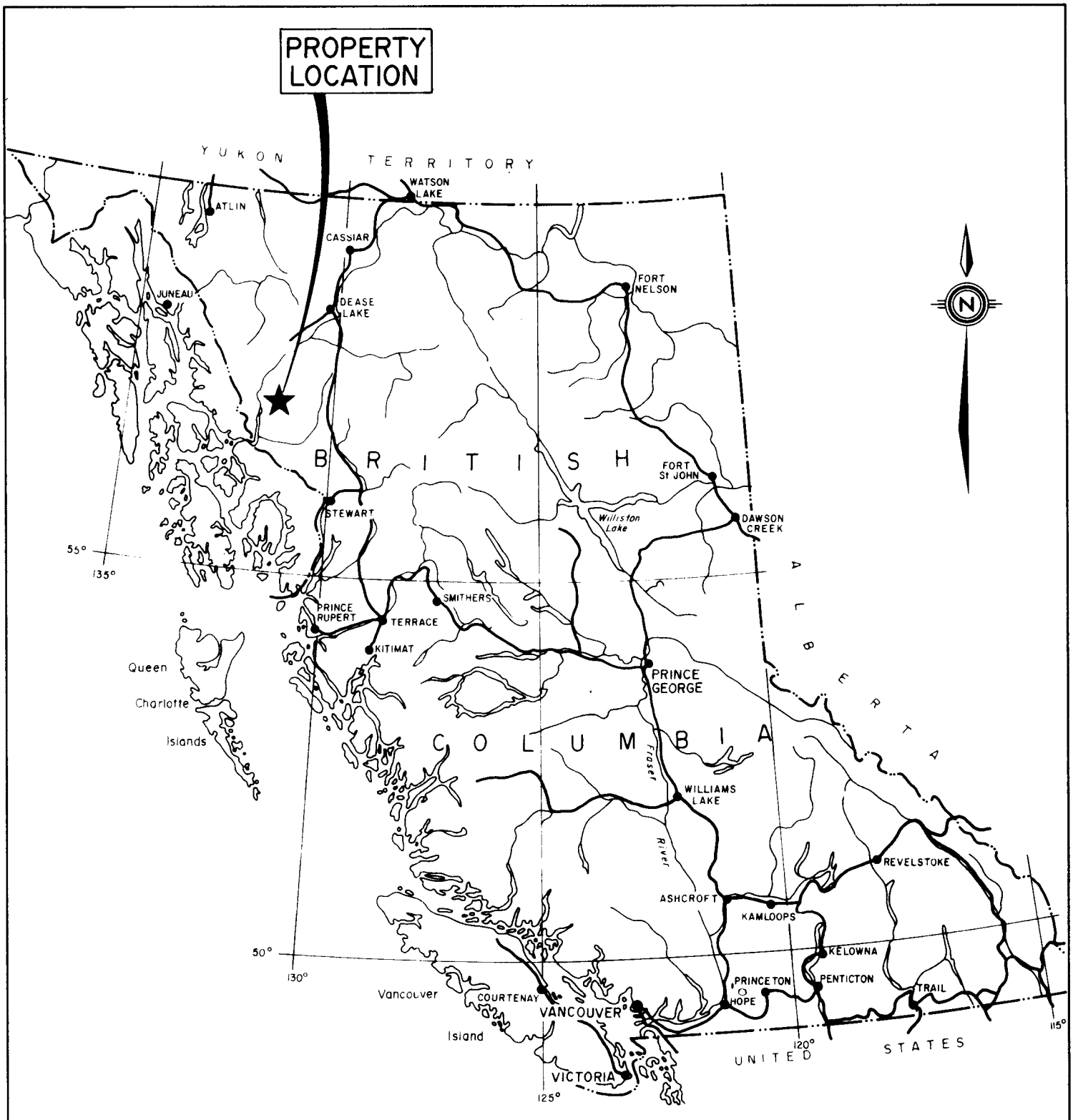
1.0 INTRODUCTION

The Trek 1-6 claims were staked in 1988 to cover favorable gold geochemistry on both sides of Sphaler Creek in the Liard Mining Division, approximately 160 kilometers northwest of Stewart in northwestern British Columbia (Figure 1). The Trek property was first explored by Kennco for its copper potential following the discovery of the Galore Creek copper-gold porphyry deposit ten kilometers to the northwest in 1955. Limited exploration by Teck Corp. in the early 1980's yielded a strong gold soil geochemical anomaly associated with a major northeasterly-trending fault structure. Reconnaissance exploration of the Trek property by Lorica Resources Ltd. in 1988 resulted in the discovery of several significant gold-bearing zones of mineralization. Several major precious metals occurrences have been discovered elsewhere in the Galore Creek area in recent years, renewing exploration interest throughout the district.

In 1989, Equity Engineering Ltd. conducted a follow-up program for Lorica Resources Ltd. on the Trek property, consisting of prospecting, geological mapping, trenching and expansion and detailing of the existing soil grid. Equity Engineering Ltd. has been retained to report on the results of the fieldwork. Additional geophysical surveying was carried out over the geochemical grid by S. J. Geophysics Ltd., whose report is appended.

2.0 LIST OF CLAIMS

Records of the British Columbia Ministry of Energy, Mines and Petroleum Resources indicate that the following claims (Figure 2) are owned by Pass Lake Resources Ltd.



LORICA RESOURCES LTD.

TREK 1-6 CLAIMS

PROPERTY LOCATION MAP

100 200 MILES
0 100 200 300 KILOMETRES

EQUITY ENGINEERING LTD.

Drawn.	N.T.S.	Date.	FIG. No.
J.W.	104G/3W	Oct. 1988	1.

Claim Name	Record Number	No. of Units	Record Date	Expiry Year
Trek 1	4528	20	March 22, 1988	1995
Trek 2	4529	20	March 22, 1988	1995
Trek 3	4530	20	March 22, 1988	1996
Trek 4	4531	20	March 22, 1988	1995
Trek 5	4638	15	June 13, 1988	1996
Trek 6	5357	16	September 22, 1988	1990*
		111		

* Subject to approval of assessment work filed in September 1989.

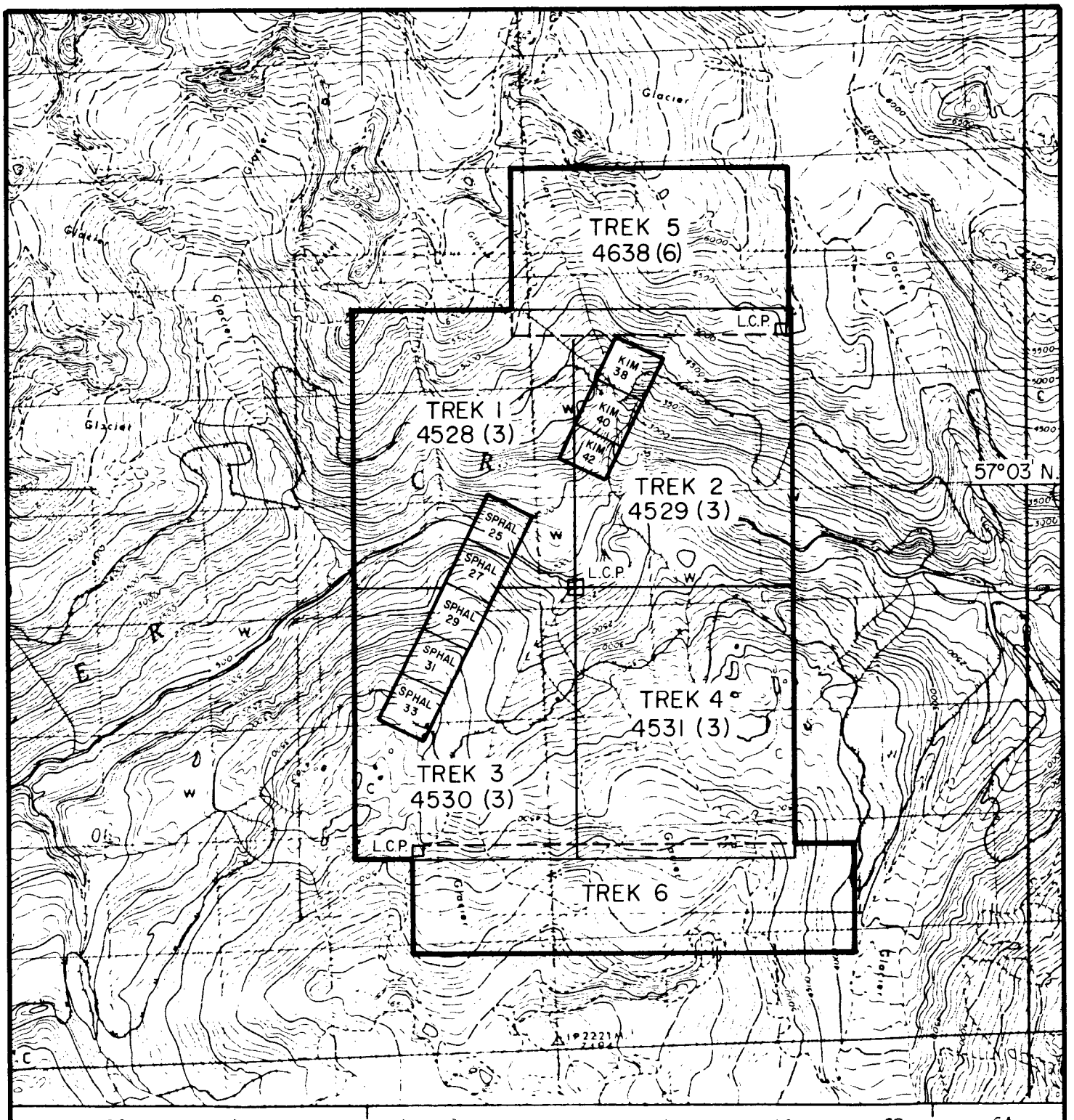
The Trek claims enclose eight two-post claims (the Kim 38, 40 & 42 and Sphal 25, 27, 29, 31 & 33 claims) held by Consolidated Silver Standard Mines Limited since the early 1970's. The location of the Kim claims has been taken from assessment reports filed by Kennco in 1963 and Teck Corp. in 1980 and 1981. Three of the six posts of the Sphal claims were found by the author and were located relative to the Trek baseline by chain and compass survey. These posts are sufficient to plot the Sphal claims relative to the Trek grid (Figures 6 and 7).

The positions of the legal corner posts for the Trek 1-6 claims have been verified by field crews of Equity Engineering Ltd.

3.0 LOCATION, ACCESS AND GEOGRAPHY

The Trek 1-6 claims are located within the Coast Range Mountains approximately 160 kilometers northwest of Stewart and 110 kilometers south of Telegraph Creek in northwestern British Columbia (Figure 1). They lie within the Liard Mining Division, centered at 57° 03' north latitude and 131° 18' west longitude.

Access to the Trek property is provided by helicopter from the Scud River airstrip which is located approximately 40 kilometers to the northwest, or from the Bronson Creek airstrip



LORICA RESOURCES LTD.			
TREK PROJECT **CLAIM MAP** LIARD MINING DIVISION, B.C.			
EQUITY ENGINEERING LTD.			
DRAWN. J.W.	N.T.S. 104 G/3W	DATE. DEC. 1989	FIGURE 2

which is located approximately 40 kilometers to the south. Both of these strips can accomodate larger aircraft such as the DC-3. Fixed-wing aircraft fly charters from Dease Lake or Telegraph Creek to the Scud River airstrip and scheduled flights from Smithers to the Scud River airstrip via the Bronson Creek airstrip during the field season. The Galore Creek airstrip, re-opened during the 1989 field season, is situated only 15 kilometers to the northwest of the property. It is 425 meters in length, limiting the size of aircraft that can be safely landed there. During the 1989 program, a helicopter was stationed in the 40-man exploration camp at the Galore Creek airstrip, which was serviced by a Turbo Otter based out of Smithers. The Porcupine River airstrip, located 16 kilometers to the west of the Trek property along Sphaler Creek, was examined in 1989. Although it has not been used since the late 1960's, 335 meters of the 670 meter airstrip is in good condition. A minor wash across the strip could be easily repaired to make full use of the entire strip. This strip has excellent open approaches from both ends and would greatly improve access to the Trek property in poor weather conditions.

On the Alaskan side of the border, Wrangell lies approximately eighty kilometers to the southwest, and provides a full range of services and supplies, including a major commercial airport. The Stikine River has been navigated by 100-ton barges upriver as far as Telegraph Creek, allowing economical transportation of heavy machinery and fuel to within thirty kilometers of the property.

The Trek 1-6 claims straddle Sphaler Creek, approximately fifteen kilometers above its confluence with the Porcupine River (Figure 2). Topography is rugged, typical of mountainous and glaciated terrain, with elevations ranging from 500 meters in the Sphaler Creek canyon to over 2000 meters on the northern boundary of the claim group. Sphaler Creek forms a deeply-incised canyon through much of the property. Tongues of valley glaciers descend

to the 1200 meter contour line.

Lower slopes are covered by a dense growth of hemlock and spruce with an undergrowth of devil's club and huckleberry. Steeper open slopes are covered by dense slide alder growth. Above treeline, which occurs at approximately 1200 meters on south-facing slopes and 1050 meters on north-facing slopes, more open alpine vegetation occurs.

The property lies in the wet belt of the Coast Range Mountains, with annual precipitation between 190 and 380 centimeters (Kerr, 1948). Except during July, August and September, precipitation at higher elevations falls mainly as snow, with accumulations reaching three meters or more. Both summer and winter temperatures are moderate, ranging from -5°C in the winter to 20°C in the summer months.

4.0 PROPERTY MINING HISTORY

4.1 Previous Work

Kennco explored the Trek property for its copper potential following the discovery of the Galore Creek copper-gold porphyry deposit in 1955 (Figure 3). They conducted geological mapping, hand-trenching and copper stream geochemistry over most of what are now the Trek 1-6 claims and identified six mineralized zones associated with monzonitic stocks and plugs. Assessment work filed by them omits all assays and trench results (Rayner and Ney, 1964).

Consolidated Silver Standard Mines Limited acquired the ground in the late 1960's. During 1970, 1600 feet of AQ core was drilled in seven holes, but no further information is available. Teck, under an option agreement with Silver Standard, conducted a

magnetometer survey, soil geochemistry, hand-trenching and geological mapping in 1980 and 1981. The soil grid yielded twenty-five samples with greater than 100 parts per billion gold, but only limited follow-up work was done (Folk and Spilsbury, 1980; Folk, 1981). The majority of the Silver Standard claims were subsequently allowed to lapse, including those underlying the bulk of their gold soil geochemical anomaly. Silver Standard has maintained eight claims which cover four of the six copper zones described by Rayner (1964) and the sites of the 1970 drilling.

In 1988, Lorica Resources Ltd. carried out a preliminary exploration program on the Trek 1-5 claims, consisting of geological mapping, prospecting, stream sediment geochemistry, soil geochemistry, line-cutting and geophysical surveys targeted at the property's precious metal potential (Awmack and Yamamura, 1988). A soil grid, testing 1700 meters strike length of the major northeasterly trending fault zone, was flagged on the west side of Trek Creek with crosslines 100 meters apart and perpendicular to a cut baseline oriented at 030°. By accident, five 25-meter intervals separated soil lines 2+00N and 3+00N. Magnetometer and VLF-EM surveys were carried out over this grid (Ashenhurst and Visser, 1988). Several zones of mineralization were discovered, including the Gully (copper-gold), Heel (copper-silver-gold-molybdenum), Toe (copper-silver-gold-zinc-lead) and East (silver-lead-gold-zinc) Zones.

4.2 1989 Work Program

The intent of the 1989 field program was to evaluate the Gully Zone through trenching, detailed soil sampling and geophysics, extend the soil and geophysical surveys to the south over the Heel Zone and to investigate the possible strike extension of the Gully Zone on the north side of Sphaler Creek. In addition, property-wide geological mapping and prospecting was continued.

During the course of the 1989 program, 3 silt samples, 697 soil samples and 112 rock samples were taken. The silt samples were taken from three drainages not sampled in 1988.

The baseline from the 1988 grid was extended 600 meters to the south in 1989 to cover the Heel mineralization and potential strike extensions of the Camp Zone from the Sphal 33 claim (Figures 15a-19a). Soil samples were taken at twenty-five meter intervals along grid lines spaced one hundred meters apart. The positions of the 100 meter crosslines on the baseline were located in the field on a 1:5000 orthophoto, showing a deflection in the baseline on its south end and variable spacing between 100 meter crosslines on the north end of the grid. Lines every 25 meters were run from 1+25 North to 5+50 North with station spacing decreased to 12.5 meters in places, to better define the Gully Zone between the 1988 lines.

In addition, four contour soil lines were run on the north side of Sphaler Creek at fifty meter contour intervals. These lines were designed to test for the strike extension of the Gully Zone. Wherever possible, soil samples were taken from the red-brown B horizon. Samples were sieved to minus 80 mesh in the laboratory and analysed geochemically for gold, silver, copper, molybdenum, lead, zinc, arsenic and antimony (Figures 15b-19b).

Geological mapping and prospecting was mainly confined to areas not examined last year, using topographic orthophotos at a scale of 1:5,000 as a base (Figures 6-10). Rock samples, described in Appendix C, were taken from zones of alteration and mineralization and analysed geochemically for gold and 32-element ICP. Analytical certificates are attached in Appendix D.

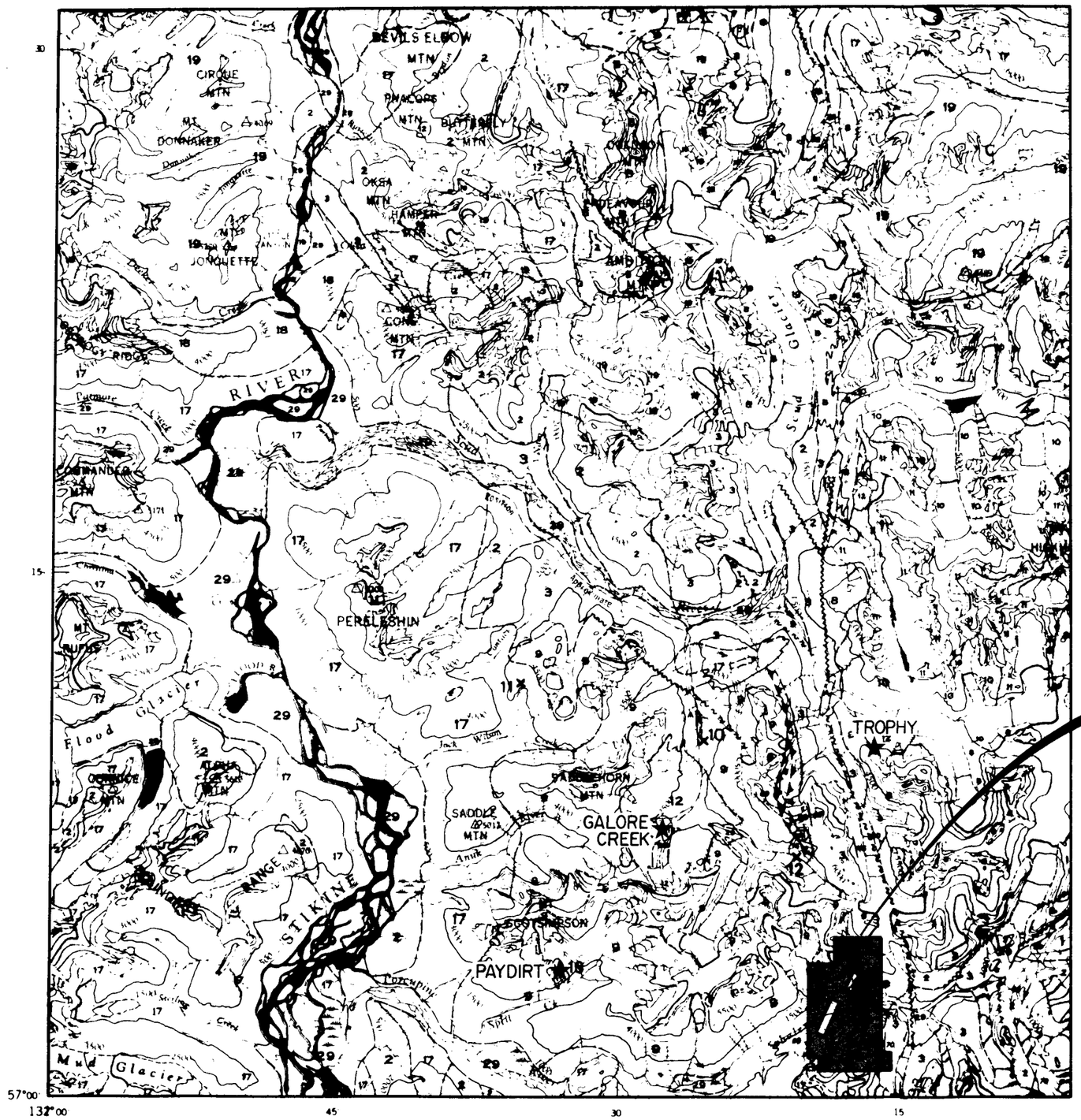
VLF-EM and magnetometer surveys were carried out over the Trek soil grid by S. J. Geophysics Ltd. Their report, specifying equipment and procedures, and providing an interpretation of the data (Visser, 1989) is attached in Appendix G. The geophysical work concentrated on surveying the new grid, detailing the Gully zone on crosslines at 50 meter spacings and completing the magnetometer survey that was not finished in 1988 due to instrument problems.

5.0 REGIONAL GEOLOGY

The Galore Creek area lies on the western margin of the Intermontane Belt within the Stikine Arch near its contact with the Coast Plutonic Complex (Figure 4). A sequence of Paleozoic to middle Triassic oceanic sediments is unconformably overlain by Upper Triassic Stuhini Group island arc volcanics and sediments. These have been intruded by Upper Triassic to Lower Jurassic syenitic stocks, Jurassic to Lower Cretaceous quartz diorite and granodiorite plutons of the Coast Plutonic Complex and by Tertiary stocks of quartz monzonite, monzonite, granodiorite and diorite. The following regional geology discussion is based on Souther's 1974 publication but has been modified to reflect the recent government mapping completed by Logan and Koyangi (1989a,b).

The oldest rock assemblage in the Galore Creek area consists of Permian bioclastic limestone (Unit 3) overlying metamorphosed sediments and volcanics (Unit 2) and crinoidal limestone (Unit 1).

Unconformably overlying the Permian limestone unit are Upper Triassic Stuhini Group island arc volcanics and sediments (Units 5 through 8). In the Galore Creek area, Souther (1971) grouped these volcanic and sedimentary members in Unit 9, noting however that it was composed predominantly of augite andesite breccia,



TREK 1-6 CLAIMS

SCALE 1:250,000

MILES 0 1 2 3 4 5 10

Km 0 1 2 3 4 5 10

LEGEND

CENOZOIC

QUATERNARY
PLEISTOCENE AND RECENT

29 Fluviatile gravel; sand, silt; glacial outwash, till, alpine moraine and colluvium

CRETACEOUS AND TERTIARY
UPPER CRETACEOUS AND LOWER TERTIARY
SUSTUT GROUP

19 Medium-to coarse-grained, pink biotite-hornblende quartz monzonite

JURASSIC AND/OR CRETACEOUS
POST-UPPER TRIASSIC PRE-TERTIARY

17 Granodiorite, quartz diorite; minor diorite, leucogranite and migmatite

MESOZOIC

JURASSIC
LOWER JURASSIC

13 Conglomerate, polymictic conglomerate; granite-boulder conglomerate, grit, greywacke, siltstone; basaltic and andesitic volcanic rocks, peperites, pillow-breccia and derived volcaniclastic rocks

TRIASSIC AND JURASSIC
POST-UPPER TRIASSIC PRE-LOWER JURASSIC

12 Syenite, orthoclase porphyry, monzonite, pyroxenite

HICKMAN BATHOLITH

10 | 11 10. Hornblende granodiorite, minor hornblende-quartz diorite 11. Hornblende, quartz diorite, hornblende-pyroxene diorite, amphibolite and pyroxene-bearing amphibolite

TRIASSIC
UPPER TRIASSIC

9 Undifferentiated volcanic and sedimentary rocks (units 5 to 8 inclusive)

8 Augite-andesite flows, pyroclastic rocks, derived volcaniclastic rocks and related subvolcanic intrusions; minor greywacke, siltstone and polymictic conglomerate

PALEOZOIC

PERMIAN
MIDDLE AND UPPER PERMIAN

3 Limestone, thick-bedded mainly bioclastic limestone; minor siltstone, chert and tuff

PERMIAN AND OLDER

2 Phyllite, argillaceous quartzite, quartz-sericite schist, chlorite schist, greenstone, minor chert, schistose tuff and limestone

8 Amphibolite, amphibolite gneiss; age unknown probably pre-Upper Jurassic

Geological boundary (defined and approximate, assumed)
Bedding (horizontal, inclined, vertical, overturned)
Anticline
Syncline
Fault (defined and approximate, assumed)
Thrust fault, teeth on hanging-wall side (defined and approximate, assumed).
Fossil locality
Mineral property
Glacier

AFTER SOUTHER, 1971

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TREK 1-6 CLAIMS
REGIONAL GEOLOGY

LIARD MINING DIVISION, B.C.
N.T.S. 104 G/3W & 4E

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DRAWN.	PROJECT	DATE	FIGURE
J.W.	PLJ88-01	Dec. 1989	4

conglomerate and volcanic sandstone.

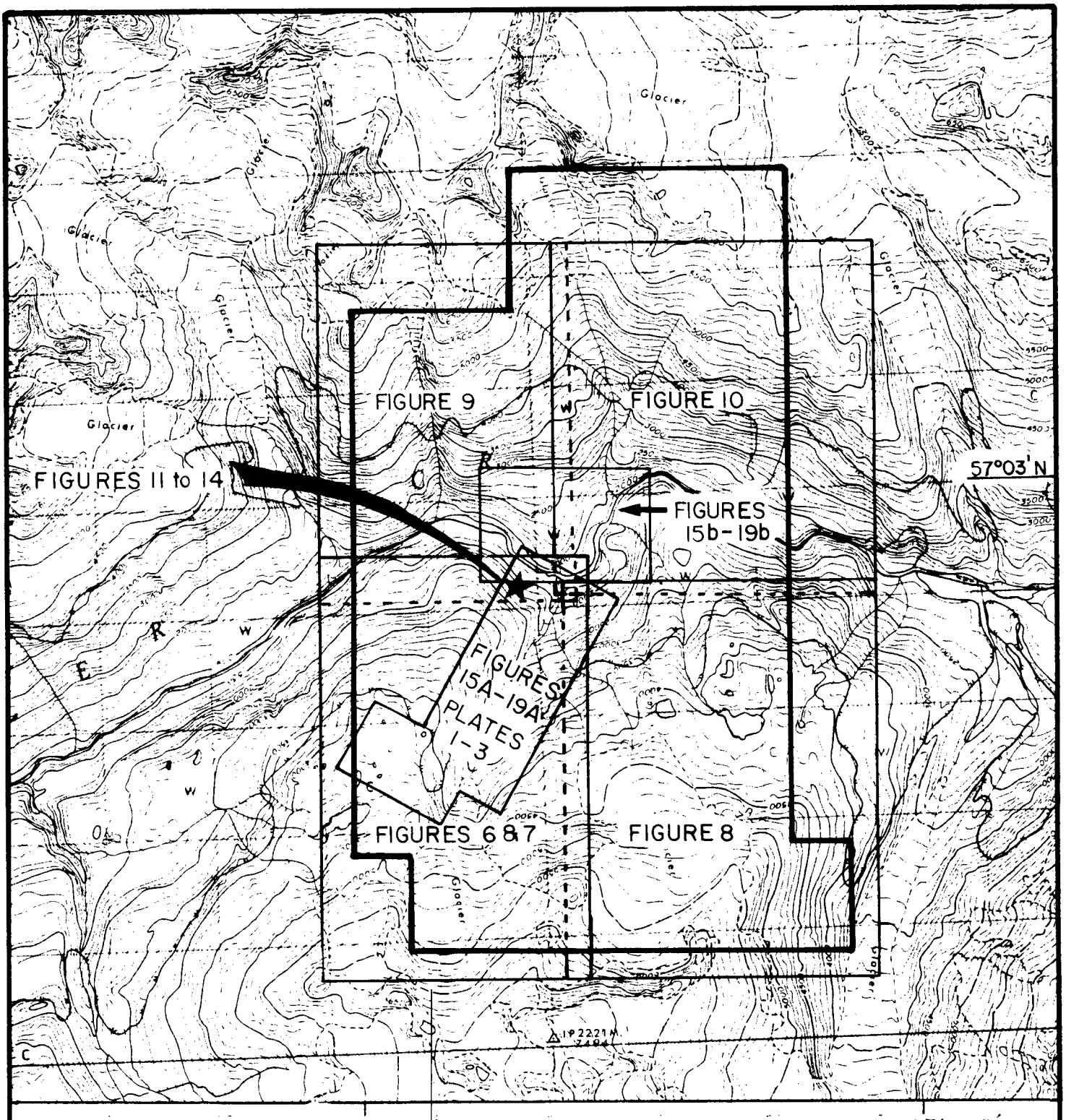
Synvolcanic syenite and orthoclase porphyry stocks (Unit 12), dated as Late Triassic to Early Jurassic by Souther (1971), intrude all older stratified rocks. The Galore Creek copper-gold porphyry deposit, whose Central Zone hosts reserves of 125 million tonnes grading 1.06% copper and 400 ppb gold (Allen et. al., 1976), is hosted by Upper Triassic volcanics intruded by syenitic stocks.

Jurassic and Cretacous granodiorite to quartz diorite batholiths (Unit 17) of the Coast Plutonic Complex intrude all older lithologies. Small, tabular, Cretaceous to Tertiary, porphyritic felsites (Unit 20) have been mapped by Souther (1971) on the Trek property and throughout the More Creek area to the east. Age dating by Logan and Koyangi (1989a,b) places both the small tabular bodies and the larger body, mapped by Souther (1971) as Unit 17 on the south end of the Trek property, within the Tertiary group of biotite quartz monzonite and diorite intrusives.

6.0 PROPERTY GEOLOGY AND MINERALIZATION

6.1 Geology

The geology of the Trek claims consists largely of a sequence of Upper Triassic Stuhini Group andesitic flows and volcaniclastics (Figures 5, 8-10). The most dominant rock type is a pyroclastic flow sequence thought to represent a crystal-rich tuff which grades locally into agglomerate. This has been intruded by subvolcanic augite porphyry plugs and dykes. At the south end of the Trek 3 claim, the tuff appears to grade into an epiclastic sequence of interbedded volcanic conglomerates and greywackes. Even further south, these sediments are intruded by a large Tertiary granodiorite body. Small diorite and monzonite stocks and dykes



LORICA RESOURCES LTD.			
TREK PROJECT **INDEX MAP** LIARD MINING DIVISION, B.C.			
EQUITY ENGINEERING LTD.			
DRAWN D.C.	N.T.S. 104 G/3W	DATE Dec. 1989	FIG. No. 5

of basaltic, syenite and feldspar porphyry composition occur on the property. To the southeast, on the Trek 4 claim, a large body of limestone has been mapped along with sandstones and shales observed further to the west.

The crystal tuff (Unit 8A) is a massive, structureless, unit which underlies much of the property. It is characterized by small, rounded to subangular xenoliths averaging two to three centimeters across which generally comprise five percent of the rock but locally reach twenty percent by volume. In this latter case, the fragments range up to approximately fifty centimeters across, placing the rock into the category of an agglomerate. The inclusions are dominantly fine- to medium-grained, porphyritic and andesitic to dacitic in composition. Due to their overall similarity to the host, the pervasive chloritic alteration and vegetation cover, these xenoliths are commonly quite vague, if visible at all. Rare clasts of syenitic to granitic composition are thought to originate from earlier flow horizons or represent material from subvolcanic feeder dykes.

The dark-green host for these clasts consists of randomly oriented, subhedral to euhedral plagioclase and pyroxene crystals, ranging from one to two millimeters in length, within an aphanitic groundmass. The relative abundance of these crystals averages 35% to 45% with both present in approximately equal proportions. However, some phases of the tuff are even more crystal-rich, appearing more subvolcanic in appearance. The nature of these crystals does raise some questions concerning the pyroclastic origin of this unit. Commonly with such flow deposits, the crystals are fractured or broken, features not obvious on a macroscopic scale in these rocks. This fact could be used as an argument for classifying this unit as an inclusion-bearing andesitc lava flow rather than as a pyroclastic deposit. Conversely, this could be an indication that the volcanics underlying the Trek

property were deposited very close to their source.

The crystal tuff is commonly crosscut by a stockwork-like network of dominantly epidotic and feldspathic veinlets with fewer quartz and carbonate ones. Some earlier vein material has also been brecciated and occurs as small fragments in the andesitic rock.

The augite porphyry (Unit 8D) is characterized by the presence of coarse, euhedral to subhedral augite phenocrysts, averaging two to four millimeters in length, within a very fine-grained to aphanitic groundmass. The porphyritic nature of this unit is emphasized on weathered surfaces where the more resistant augite phenocrysts are quite pronounced. Commonly, the augite porphyry is distinguished from the crystal tuff with obvious contact relationships and a generally coarser grain size. However, there does appear to be an augite-rich phase of the tuff which can closely resemble the porphyry, and in some areas, these two units grade into each other. The augite porphyry outcrops as small plugs and dykes, particularily around the Heel Zone and on the east side of the Trek glacier. As well, dykes are common at the north end of the Trek 1 and 2 claim blocks. In the southeast corner of the Trek 3 claim, the augite porphyry forms clifs which are locally highly vesicular, an indication that these probably represent flows.

The augite porphyry commonly exhibits the same alteration assemblages as the tuff, which is not surprising considering their compositional similarity. As a result, this can create problems differentiating between the two units where alteration is strong. The porphyry is mineralized and locally hornfelsed near its contact with the diorite intrusion at the Heel Zone. Outcrops of this unit over the 1988 grid area are commonly cut by individual veinlets or stockwork epidote-feldpar-quartz-carbonate veining.

The volcanics were subdivided on the basis of associated alteration, mineralization and structures. These classifications are indicated on Figures 5-10 by small letters following the unit designation. The most common feature visible in these andesitic rocks is chloritic and\or epidotic alteration indicated by an "a". Because this style of alteration is relatively pervasive, the notation was generally applied only to areas displaying moderate to strong effects. Areas of highly mineralized and\or gossanous volcanics are indicated by "m" while zones displaying an abundance of epidote-feldspar-quartz-carbonate veining are designated by a "v". Hornfelsing, "h", is largely confined to contacts with dioritic intrusions, particularly the plug in the Heel Zone, and is commonly associated with mineralization. Local shear or fracture zones, generally associated with iron carbonate alteration and sparser quartz veining, is indicated by "s".

Sedimentary rock units are exposed over a significant area on the Trek property. The most dominant rock type consists of Stuhini Group epiclastic volcanic conglomerate and greywacke horizons (Unit 8B) mainly exposed on the south side of the Trek 3 claim. This brownish-grey to greenish-grey weathering unit is characterized by an abundance, up to fifty percent, of porphyritic, dacitic to andesitic fragments up to seventy-five centimeters across. A few basaltic and syenitic clasts were also observed along with more abundant strongly epidotized andesitic ones. Locally, this high fragment content makes the rock almost clast-supported. Bedding features are well developed with approximate northwest trend and moderate easterly dip. The volcanic sediments are locally quite magnetic and carbonate-bearing. This unit is commonly characterized by a highly irregular and "pock-mark" weathering texture thought to be indicative of the presence of carbonate and the removal of clasts. The fragments comprising a major portion of the rock are generally subrounded to subangular in shape. Areas

of this unit are very augite-phyric and strongly resemble the augite porphyry, with the most distinctive feature being the irregular weathering texture. The contact of these sediments with the tuff unit is not clearly exposed although the two units appear to grade into each other. This is most obvious on the north end of the Trek 1 claim where the tuff\agglomerate displays an unusually high abundance of clasts, many rather large, making it appear similar to the conglomerate. This epiclastic unit is relatively extensive, apparently representing locally weathered volcanic deposits of tuff and augite porphyry. The volcanic sediments occupy a large area of the Trek 3 claim, contacting the granodiorite and are also exposed to the east on the Trek 4 claim where they contact the locally vesicular augite porphyry flows.

Further to the east, the augite porphyry and volcanic sediments become intercalated with marine sediments consisting of maroon colored siltstones and shales (Unit 5A). These are well exposed near the East Zone, where strongly fractured shales overlie a slightly coarser siltstone containing two to four centimeter rip-up clasts of the shale. These appear to occur stratigraphically above the volcanic sandstones and conglomerate unit (Unit 8B) which is exposed in another creek to the west at a much lower elevation.

These maroon sediments likely overlie the limestone (Unit 5C) which outcrops over a large portion of the Trek 4 claim. The limestone is characterized by the presence of chert interbeds and well-developed minor fold structures. Small limestone pods are also exposed at water level on the south bank of Sphaler Creek and near the west margin of the Trek 3 claim. These bodies occur within the Upper Triassic volcaniclastic and epiclastic units and probably represent erosional blocks of the Permian limestone.

The dioritic intrusive unit (Unit 19D) is a dark, medium-grained rock composed of interlocking plagioclase and pyroxene

crystals with locally disseminated sulphides. The diorite forms small plugs and dykes with the largest body intruding altered and mineralized augite porphyry and volcanic sediments in the Heel Zone. The diorite locally contains disseminated sulphide mineralization. A three to five metre wide diorite dyke exposed on the north side of the Trek 1 claim also displays a direct relation to mineralization and gossaning. It contains rare pink K-feldspar phenocrysts and is crosscut by an augite porphyry dyke. A large, elongate body of diorite has been mapped on the east side of the Trek 4 claim, intruding limestones without reported contact metamorphism, alteration or mineralization.

Monzonite intrusions (Unit 19M) associated with the diorites are intimately associated with porphyry copper mineralization on the Sphal claims. This light colored feldspathic rock is commonly chloritically altered, causing it to locally resemble the tuff unit. Monzonite is exposed on the northwest side of the Trek 3 claim as small dykes and plugs and have been previously mapped on the south side of Sphaler Creek, exposed in the cliffs forming the river bank. Similar exposures have been mapped on the north side of Sphaler Creek, to the east of the Trek Creek junction. These zones are highly gossanous and so intensely sericitized and fractured that they could well represent altered volcanics. This may explain the scarcity of copper mineralization in this area relative to the other monzonites.

Associated with the smaller monzonite intrusions is a large body of Tertiary grandiorite\quartz monzonite (Unit 19M) occurring exclusively at the south end of the Trek 3 claim. This light-grey, medium-grained intrusion is characterized by an abundance of mafic xenoliths and the occurrence of feldspathic veins and thin quartz veinlets containing rare molybdenite mineralization. Although this intrusion is largely covered by snow and ice, large subangular boulders are common in the glacial morraine at the head of Trek

Creek. The contact zone with adjacent epiclastic volcanic sediments is locally well exposed without evidence of chilled margins or contact metamorphism.

Syenite (Unit 12S) is exposed only on the very north end of the Trek 1 claim, occurring as two, narrow (fifty to one hundred centimeters wide), subparallel dykes. This pinkish, medium-grained rock appears similar to the rare syenitic fragments observed in the tuff and volcanic sediments. Another dyke occurrence is the feldspar porphyry (Unit 8E) which is a thirty to fifty centimeter wide dyke cutting an augite porphyry plug and volcanic sediments east and north of the Heel Zone. It is dark grey in colour and characterized by four to six millimeter plagioclase phenocrysts within a very fine-grained to aphanitic groundmass. Some preferential orientation of the crystals parallel to the dyke margins was observed.

Basaltic dykes (Unit 8C) outcrop at the south end of the grid and on the northern part of the Trek 1 and 2 claims, attaining widths of one meter. These appear to occur as two different generations; the more abundant generation weathers a medium grey-brown color, is commonly quite magnetic and displays a well-developed layering defined by quenched margins. Some are more vesicular, containing aligned feldspar phenocrysts up to one centimeter long. On the Trek 1 and 2 claims, these steeply dipping structures crosscut augite porphyry and diorite dykes, tend to display a north-south orientation and may show a pronounced jointing perpendicular to the margins. The other generation of basalt is found only in a 1.0 to 1.5 meter wide, amygdaloidal dyke at the south end of the 1988 grid. This dark grey to black dyke, with abundant plagioclase phenocrysts and silica-filled vesicles up to 1.5 centimeters across, trends east-west.

The youngest intrusive unit consists of rhyolitic dykes and stocks (Unit 20R) which have been mapped only on the Trek 4 claim. However, float samples have also been observed on the north side of Sphaler Creek and previous mapping (Rayner and Ney, 1964) have indicated the presence of felsite dykes near the western boundary of the Trek 1 claim. This unit consists of a white, aphanitic felsic rock with rare quartz eyes.

The dominant structural feature on the Trek claims is a major fault zone trending at 030°, cutting through the center of the property and responsible for the sinistral displacement of Sphaler Creek. This fault forms a prominent topographic linear defined by Trek Creek and North Creek which can be traced for five kilometers before disappearing under glaciers on either end. Associated with this major shear zone are numerous subsidiary shear structures trending parallel, perpendicular or at a 30° angle to it. The parallel shears dominate over the grid area, as reflected in the orientation of several narrow gullies. The volcaniclastics adjacent to these structures are commonly strongly chloritized and fractured. These shears may be associated with the mineralization in the Gully Zone.

A number of ravines east of the main Trek Creek fault zone are oriented at about 140°. The shears responsible for the orientation of these creeks appear to form part of the perpendicular system and are characterized by strong iron carbonate alteration with minor pyrite. An example of this system is also exposed on the northwest side of the property but is of very limited extent and without the development of a pronounced gully.

Another set of structures trends approximately 060° but does not generally manifest itself in the form of topographic features such as gullies. Quartz-sulphide veins, apparently related to the 060° shears, crosscut the northwesterly trending gullies and extend

for several hundred meters along strike. The rock hosting these shears varies from a volcanic conglomerate wacke to shale, siltstone and tuff. The less competent rocks on the east side of Trek Creek may account for the general lack of large-scale secondary lineaments found over the rest of the property. However, the Trek 1 and 2 claims do display a number of north-south trending gullies, essentially parallel to that hosting the mineralization on the Kim claims. These subsidiary shears are locally characterized by strong gossans and pyrite mineralization.

6.2 Mineralization

In 1988, a number of significant occurrences were discovered on the Trek property including the Gully, Heel, Toe and East Zones. With the exception of the Gully and Heel Zones, these areas were not examined during the current program, but detailed descriptions of these zones can be found in Awmack and Yamamura (1988).

Several new precious metal occurrences were found on the Trek property during the 1989 field season. On the north side of Sphaler Creek, a quartz-chlorite vein was discovered on a steep bluff overlooking Sphaler Creek, approximately 200 meters northwest of the Trek 1-4 legal corner post (Figure 9). Although the zone is poorly exposed, the entire structure including alteration and quartz veining is in excess of 5.0 meters wide. The zone consists of a 50-60 centimeter quartz-sulphide vein enveloped by intense chlorite alteration with quartz-carbonate veinlets containing pyrite stringers and disseminations. Sulphide mineralogy in the vein consists of pyrite, arsenopyrite, sphalerite and minor chalcopyrite. The zone strikes 170° and dips moderately to the northwest. It falls along the strike projection of the Gully Zone but this trend appears coincidental as the orientation and sulphide mineralogy of the two zones are quite different. A number of samples, including trench samples #463823-463825, were taken from

this zone as summarized below in Table 6.2.1. Sample #463824 was taken across 1.7 meters of the hanging wall and #463825 sampled the entire alteration zone including the quartz vein at the core of the zone. Sample #463375 was taken from a 1.0 meter wide quartz vein located approximately 100 meters to the north-northeast, which may represent the northern extension of this zone.

TABLE 7.0.1

NORTH SPHALER SAMPLING RESULTS

Sample	Type	Width (m)	Gold (ppb)	Silver (ppm)	Copper (ppm)	Lead (ppm)	Zinc (ppm)
463366	Grab	0.5	2,950	4.0	172	320	3,660
463367	Chip	1.0	240	1.8	169	38	1,790
463368	Grab	1.0	4,750	7.6	346	988	>10,000
463370	Grab	2.0	1,020	1.2	65	154	738
463375	Grab	1.0	3,500	6.4	381	258	>10,000
463823	Grab	N/A	620	1.8	170	94	746
463824	Chip	1.7	1,100	2.2	158	242	1,880
463825	Chip	5.5	2,450	5.4	320	616	7,070

Near the headwaters of North Creek at the 1850 meter elevation (Figure 10), a twenty meter wide gossan was sampled, returning 700 parts per billion gold and 1135 parts per million copper in sample #463363. The zone consists of a series of narrow quartz veinlet/shears in agglomerate mineralized with pyrite and chalcopyrite.

Further prospecting was conducted in the area of the Heel Zone, extending the area of mineralization seventy meters to the west (Figure 7). The mineralization consists of disseminations, stringers and quartz veinlets of pyrite, pyrrhotite, chalcopyrite and minor sphalerite hosted in altered augite porphyry. Samples #463351-463358 taken from this area contained gold values up to 900 parts per billion gold, 3940 parts per million copper and 3790 parts per million zinc with minor silver, lead and arsenic values.

Quartz-carbonate altered augite porphyry talus mineralized with pyrite, sphalerite, galena and chalcopyrite was discovered east of the Trek glacier, 300 meters south of the Toe zone (Figure 7). Although gold values were low, silver, lead and zinc values up to 180 grams per tonne (5.24 ounces per ton) silver, 4.48% lead and 10.40% zinc (sample #463392) were returned from float samples #463389-463393. The source of the mineralization for #463393 may be upslope in a twenty centimeter carbonate vein at sample location #463394, but no bedrock source was found for the other float samples. The mineralization in many respects resembles the copper-lead-zinc-silver veins at the Toe and East Zones.

West of the Sphal claim boundary (Figure 7), a well mineralized shear zone with semi-massive pyrite, pyrrhotite and chalcopyite is exposed over 75 meters striking 150° and dipping near vertically. Three samples, #463380-463382, were taken at different points along the structure. The best values are contained in sample #463380, which returned 845 parts per billion gold and greater than 10,000 parts per million copper.

Immediately west of the Sphal 27 initial post (Figure 7), the volcanics are chloritic and mineralized with pyrrhotite, pyrite and chalcopyrite. A significant gold content of 920 parts per billion was found in sample #463376 in an altered zone exposed for five meters. The volcanics at this location are adjacent to the copper-bearing monzonite on the south end of Consolidated Silver Standard's West Zone. A select grab sample, #459868, from well-mineralized monzonite, was taken east of the claim post. This sample contained 5820 parts per billion gold, 96.4 parts per million silver and 5720 parts per million copper.

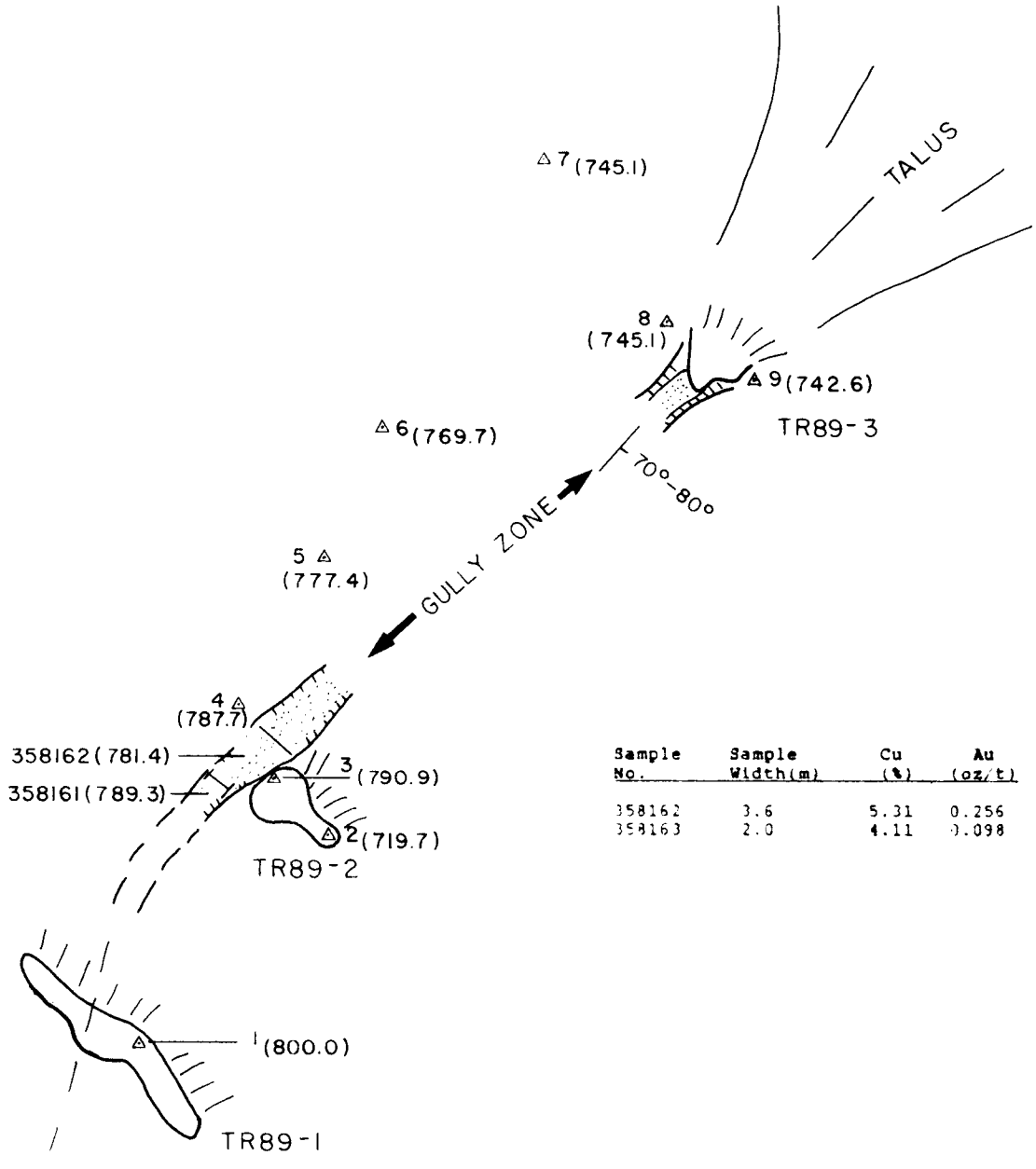
7.0 TRENCHING

Five hand trenches were excavated during the 1989 work program, four of which were located along the Gully Zone trend and one at the new discovery on the north bank of Sphaler Creek. The trenches on the Gully Zone (Figure 11) were designed to test the zone in the overburden area on the south end of the discovery gully (TR89-1, Figure 12), the hanging wall mineralization east from the 1988 chip sample #358162 (TR89-2, Figure 13), the mineralization on the north end of the gully (TR89-3, Figure 14) and the gold soil anomaly at L4+00N, 1+25E (TR89-4).

Trenches TR89-1 and TR89-4 were both unsuccessful in that "Gully Zone" mineralization could not be uncovered due to talus and overburden debris. However, an unexpected hanging wall quartz vein, 1.2 meters in width, was uncovered in TR89-1. Chip sample #465404 across the vein assayed 4.00% copper and 3420 parts per billion gold. The vein strikes similarly to the Gully structure but has a moderate northeasterly dip. Although no bedrock source was encountered in TR89-4, a sample of mineralized talus, #463398, returned a gold value of 2790 parts per billion with greater than 1% copper.

The trenching indicates that the gold and copper values are not restricted to the massive sulphide portion of the Gully Zone and very anomalous gold values may occur several meters into the hanging wall. This is well demonstrated in TR89-1 and TR89-2 where gold values up to 970 and 815 parts per billion, respectively, are found. Even more surprisingly, the weaker mineralized hanging wall in TR89-3 contains greater concentrations of gold than the semi-massive to massive core of the zone.

The final trench, TR89-5, was blasted to expose the new zone discovered on the north bank of Sphaler Creek. Time constraints



Sample No.	Sample Width(m)	Cu (%)	Au (oz/t)
358162	3.6	5.31	0.256
358163	2.0	4.11	0.098

Scale 1:500

0 5 10 20 30m

N

LEGEND

- Sulphide mineralization-py, pr, cp
- Chip sample location
- Attitude; vertical, inclined
- Survey station (elevation-meters)
- Trench Outline

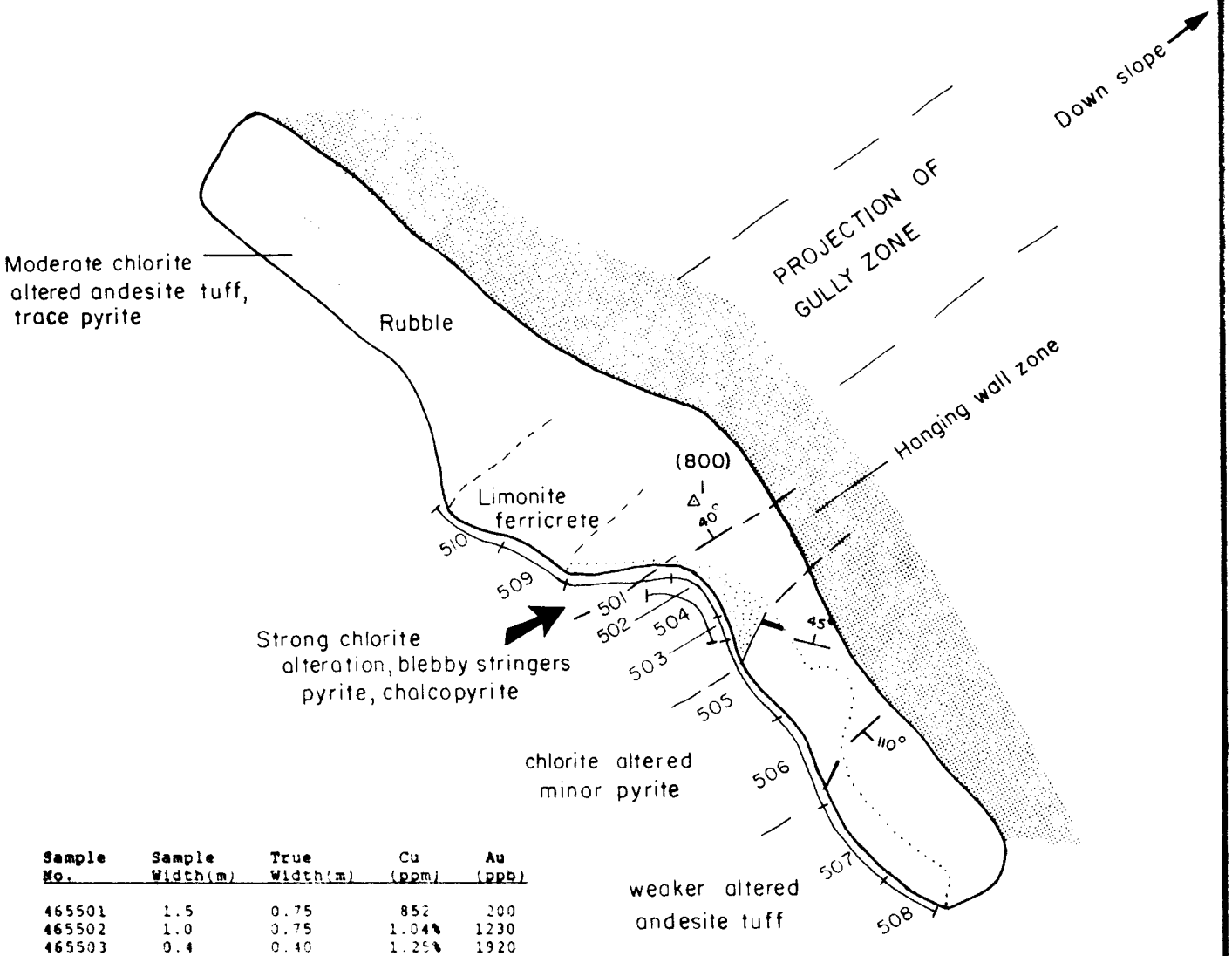
LORICA RESOURCES LTD.

TREK PROJECT
GULLY ZONE
TRENCH PLAN

LIARD MINING DIVISION

EQUITY ENGINEERING LTD.

DRAWN	N.T.S.	DATE	FIG. No.
D.C.	104 G/3W	Dec. 1989	11



Sample No.	Sample Width(m)	True Width(m)	Cu (ppm)	Au (ppb)
465501	1.5	0.75	852	200
465502	1.0	0.75	1.04%	1230
465503	0.4	0.40	1.25%	1920
465504	1.4	1.20	4.00%	3420
465505	1.5	1.50	1405	260
465506	1.5	1.50	1450	970
465507	1.5	1.50	161	80
465508	1.0	1.00	934	175
465509	1.2	1.20	3640	325
465510	1.2	1.20	2240	255

Scale 1:100

0 1 2 5 m

LEGEND

Sulphide mineralization - py, pr, cp

Chip sample location

Attitude; vertical, inclined

Survey station (elevation-meters)

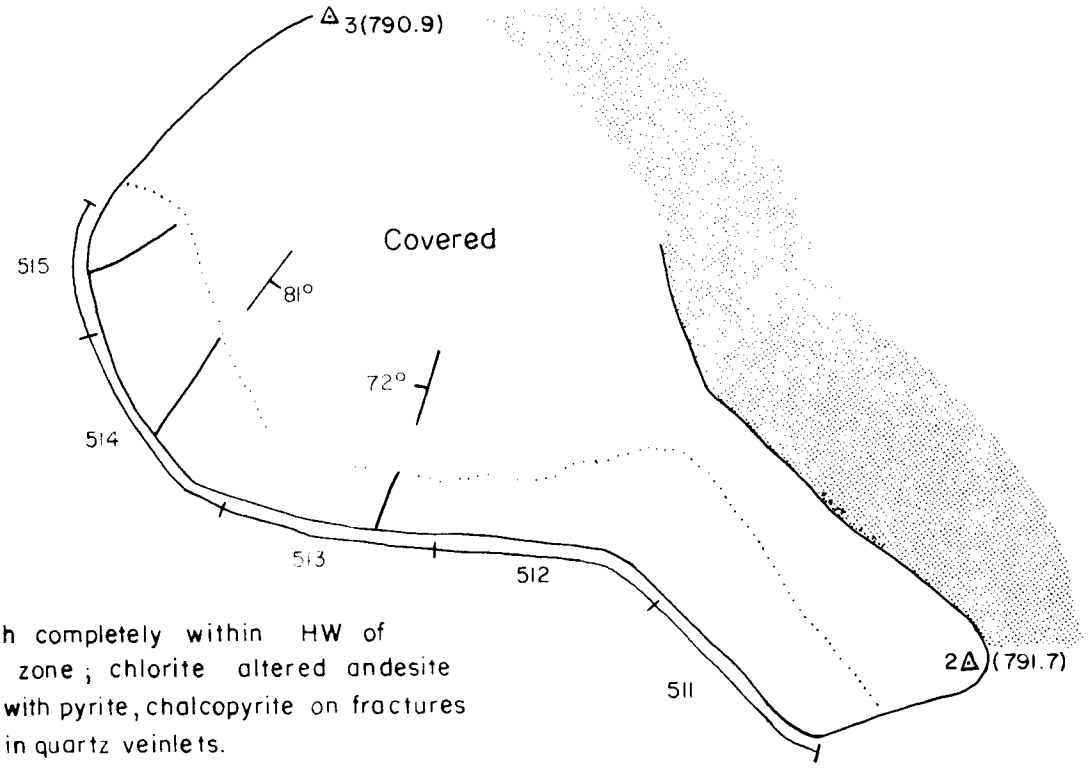
LORICA RESOURCES LTD.

TREK PROJECT
GULLY ZONE TR89-1
PLAN VIEW

LIARD MINING DIVISION

EQUITY ENGINEERING LTD.

DRAWN	N.T.S.	DATE	FIG. No.
D.C.	104 G/3W	Dec. 1989	12



Trench completely within HW of Gully zone; chlorite altered andesite tuff with pyrite, chalcopyrite on fractures and in quartz veinlets.

Sample No.	Sample Width(m)	True Width(m)	Cu (ppm)	Au (ppb)
465511	1.5	-	5810	815
465512	1.5	-	150	<5
465513	1.5	-	0.93%	470
465514	1.5	-	1185	75
465515	0.8	-	640	80

Scale 1:50

0 0.5 1 2 3 m

LEGEND

Sulphide mineralization - py, pr, cp

Chip sample location

Attitude; vertical, inclined

Survey station (elevation - meters)

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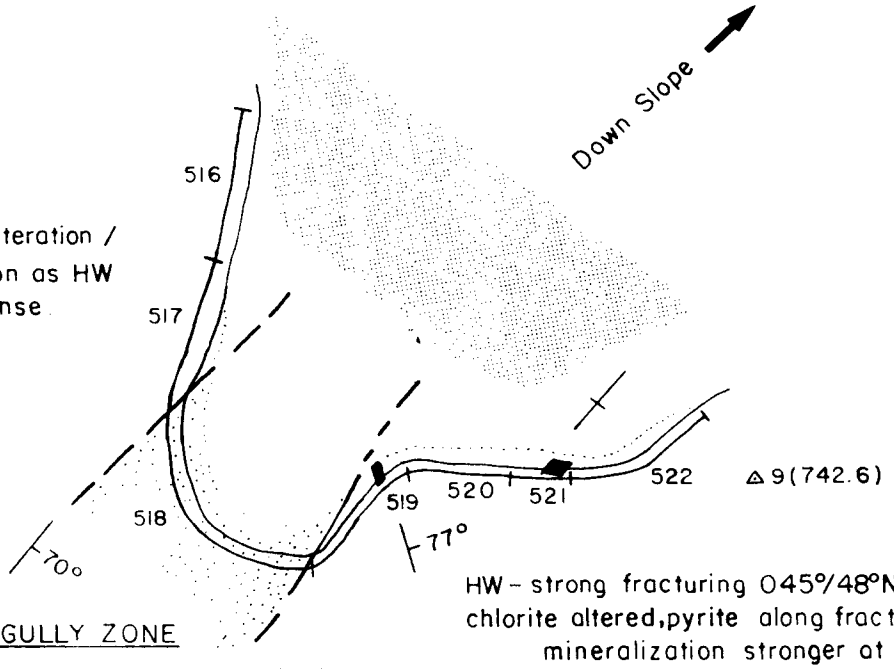
TREK PROJECT
GULLY ZONE TR89-2
PLAN VIEW

LIARD MINING DIVISION

EQUITY ENGINEERING LTD.

DRAWN	N.T.S.	DATE	FIG. No.
D.C.	104 G/3W	Dec. 1989	13



FW - same alteration / mineralization as HW but less intense.

HW - strong fracturing 045°/48°NW, 133°/52°SW, chlorite altered, pyrite along fractures, alteration/ mineralization stronger at contact.

GULLY ZONE

semi to massive pyrite, pyrrhotite, chalcopyrite, intense chlorite alteration minor vein quartz.

Assay Results

Sample No.	Sample Width(m)	True Width(m)	Cu (ppm)	Au (ppb)
465516	1.0	0.30	268	<5
465517	1.0	0.25	2950	70
465518	1.8	1.30	1.04%	330
465519	1.0	0.30	1.06%	1350
465520	0.7	0.55	1395	1410
465521	0.4	0.30	528	100
465522	1.0	0.75	617	55

Scale 1:50

LEGEND

Sulphide mineralization - py, pr, cp

Chip sample location

Attitude; vertical, inclined

Δ

Survey station (elevation - meters)

LORICA RESOURCES LTD.

TREK PROJECT
GULLY ZONE TR89-3
PLAN VIEW

LIARD MINING DIVISION

EQUITY ENGINEERING LTD.

DRAWN	N.T.S.	DATE	FIG. No.
D.C.	104 G/3W	Dec. 1989	14

did not permit a detailed trench map to be completed. Two chip samples, #463824 and 463825, were taken across the zone; these results are listed at the end of Table 7.0.1.

8.0 GEOCHEMISTRY

Three silt samples were taken from drainages on the north side of Sphaler Creek during the course of the 1989 exploration program (Figure 9). All three samples returned anomalous copper values of 460 (#459220), 98 (#463371) and 353 parts per million copper (#463374). All other elements, excluding zinc, are quite low.

Soil sample results from both the 1988 and 1989 program were combined (n=1127) to obtain new levels for background, possibly anomalous and anomalous values. The possibly anomalous and anomalous values for copper and gold have increased dramatically from those selected in 1988 as a result of the great number of high gold and copper results obtained during 1989. The lead and silver values have changed very little and the increase in zinc levels has more to do with a different interpretation of the log probability plot than an increase in higher values. The statistical analysis of the soil geochemical results shows positively skewed lognormal cumulative probability plots for each of gold, silver, copper, lead and zinc (Appendix E). The positive inflection points for all the elements lie either between or very close to the one and two standard deviations above the mean value, indicating a second, more anomalous, population which reflects the presence of discrete base and precious metal mineralization. Table 6.2.1 presents the values considered to be background, possibly anomalous and anomalous for each element. In each case, these correspond to the median, median plus one standard deviation (83.5 percentile) and median plus two standard deviation (97.5 percentile) points for the lower population.

TABLE 8.0.1

SOIL GEOCHEMICAL ANOMALY VALUES

ELEMENT	BACKGROUND	POSSIBLY ANOMALOUS	ANOMALOUS
Gold	6 ppb	45 ppb	320 ppb
Silver	0.5 ppm	0.7 ppm	2.0 ppm
Copper	35 ppm	190 ppm	950 ppm
Lead	6 ppm	18 ppm	52 ppm
Zinc	60 ppm	140 ppm	350 ppm

The soil geochemistry was targeted at infilling the grid around the Gully Zone at lines spaced 25 meters apart and sample stations at 12.5 meter spacings, extending the grid south over the Heel Zone and testing the possible strike extension of the Gully Zone north across Sphaler Creek. For the purpose of this report, the discussion on the anomalies will be restricted to this year's program, although all results are shown on Figures 15-19. Anomalies not described below have been discussed by Awmack and Yamamura (1988).

The strongest soil geochemical anomaly is in the area of the Gully Zone. This anomaly is aligned at 040° on lines 2+00N to 5+50N and is defined by strong copper, gold and molybdenum with values up to 7,578 parts per million copper, 7,430 parts per billion gold and 338 parts per million molybdenum. Silver shows a weaker correlation. This strong multi-element soil geochemical anomaly undoubtedly reflects the presence of the Gully Zone, which was discovered immediately upslope from grid location 3+00N 1+25E.

A large area of elevated copper, gold, silver and zinc values occurs on lines 15+00S to 18+00S over the Heel Zone, on the southeastern side of a major northeasterly trending gully which roughly parallels the 2+00E stations on those lines. Maximum values of >10,000 parts per million copper, 3520 parts per billion gold, 21.9 parts per million silver and 648 parts per million zinc were returned from soil samples in this area. The multi-element anomaly is centered over mineralization discovered in 1988

consisting of massive pyrite-chalcopyrite in volcanic rocks along a diorite contact. Float boulders of chalcopyrite-molybdenite-magnetite breccia were also found in this area. Both types of mineralization carry significant gold and silver grades.

North across the gully noted above, a northerly trend of anomalous copper and gold with erratic high lead, zinc and silver values extends to 13+00S on the baseline. In 1988, a narrow copper-gold-silver vein was found within the anomalous trend but the large extent (300 meters by 150 meters) of this anomaly suggests that more significant mineralization remains to be found. The north end of the anomaly carries on to the Camp Zone on the Sphal 33 claim where a 1988 grab sample assayed 0.122 ounces/ton gold and 2.27% copper over ten meters in an old trench (Awmack and Yamamura, 1988).

A single line anomaly is centered on Line 13+00S at 3+25W. This anomaly, which lies south of Consolidated Silver Standard's Camp Zone contains 2160 parts per billion gold, 59.5 parts per million silver, 552 parts per million copper, 5230 parts per million lead and 8654 parts per million zinc.

The contour lines on the north side of Sphaler Creek outline two areas of interest (Figures 15b-19b). The topography in the area is very rugged and the control on the soil contour lines is not very precise. A multi-element anomaly occurs at the location of the new showing on the bluff overlooking Sphaler Creek. The 600 and 650 meter contours converge at this location and cross only meters up slope from the showing. It is therefore not surprising that a strong soil geochemical response is found at this location with values up to 2550 parts per billion gold, 3.5 parts per million silver, 359 parts per million copper, 430 parts per million lead and 1238 parts per million zinc. A second anomalous trend occurs at the east end of the 600 meter contour line. This anomaly is defined by anomalous gold, copper and lead values from 0+00 to

approximately 5+00W, with values up to 170 parts per billion gold, 332 parts per million copper and 35 parts per million lead. The source of this anomaly has yet to be found but considering that the geochemical signature is very similar to the North Sphaler showing, the potential for finding additional mineralization at this location is excellent. The large number of anomalous stations in a row suggests that the soil contour line may be running parallel or at least at an acute angle to the potential zone of mineralization.

9.0 GEOPHYSICS

The procedures, data and interpretation of the VLF-EM and magnetometer surveys conducted over the soil grid are attached in Appendix G (Visser, 1989). The VLF-EM survey identified a conductor, referred to as Anomalies A1 through A4, which overlies the Gully Zone where exposed at 3+00N 1+25E and coincides with a strong copper and gold geochemical anomaly from line 1+00N to 5+50N. Anomalies A2, A3 and line 200N of A4 are strongly conductive, near surface anomalies that also exhibit "good depth extent". Conductor B lies immediately south of the A4 conductor and "is very similar to the southern part of anomaly A and it is therefore probably a continuation of the latter anomaly". These conductors and their coincident soil anomalies are thought to represent the strike extension of the Gully Zone. They are accompanied by a series of magnetic lows, perhaps indicating a destruction of magnetite in the wallrock of the structure by hydrothermal fluids. Although the Gully Zone contains magnetic pyrrhotite, the effect of the pyrrhotite is not great enough to cause a magnetic anomaly. The combined strike length of the A1-4 and B geophysical anomalies is approximately 800 meters.

The south end of the B conductor is cut off by a conductive cross-structure passing through line 2+00S. This conductor trends approximately 135°, but has not been well-defined due to the acute angle at which it crosses the survey lines. The possibility of mineralization along this cross-structure is supported by a number of soil samples with up to 290 parts per billion gold which coincide with it (Figure 15a).

A weak VLF anomaly occurs on the east end of lines 3+00N to 4+00N with a spot magnetic high on line 4+00N. This anomaly, labelled C, has supporting soil values up to 375 parts per billion gold and 237 parts per million copper and is located in the vicinity of the "Silver Standard" showing and trenches (Rayner and Ney, 1964). This showing has not been re-examined.

Two areas of interest were outlined on the south end of the grid. The first is a weak VLF conductor trending north from the Heel Zone to approximately line 11+00S. The cause of this conductor is not known; however, a broad zone of copper and gold soil geochemistry occurs in the same area. Anomaly F, located on the west end of lines 14+00S and 15+00S, is rated as a strong anomaly by Visser (1989) and warrants further investigations. The south end of the grid has a highly variable magnetic response reflecting the presence of outcropping and near-surface intrusive bodies.

10.0 DISCUSSION AND CONCLUSIONS

The 1989 work program has provided greater detail on a number of the 1988 mineral showings, better defined the position of the Sphal claims relative to the Trek grid, extended property-wide geological mapping and prospecting, and resulted in the discovery of several new mineral occurrences.

The most promising mineralization found to date on the Trek property is the Gully Zone mineralization, exposed along sixty meters of strike length. Strong, coincident, copper-gold soil geochemical anomalies and a well-defined, coincident VLF-EM conductor/magnetic low suggest that the Gully Zone may be up to 800 meters long. The average of two 1988 chip samples was 0.177 ounces/ton gold and 4.71% copper across 2.8 meters of semi-massive to massive pyrrhotite-chalcopyrite mineralization. This year's trenching indicated that anomalous gold values occur well into the hanging wall of the Gully Zone with a 1.2 meter wide quartz-sulphide vein assaying 3420 parts per billion gold.

Several other promising zones of gold-silver-base metal mineralization were discovered in 1989. The most signficant new showing was found on the north bank of Sphaler Creek. A quartz vein and chlorite altered zone contains pyrite, sphalerite, galena, arsenopyrite and minor chalcopyrite. Trenching of the mineralized structure indicates a width exceeding 5.0 meters and prospecting to the north has uncovered a similar looking vein, suggesting a mininum strike length of one hundred meters.

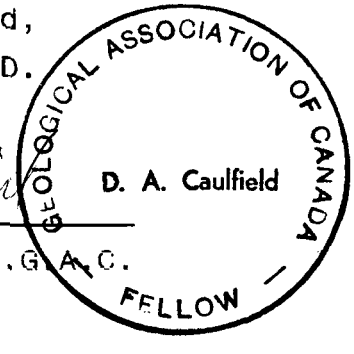
A very strong multi-element soil geochemical anomaly, defined by gold and copper values above 50 parts per billion and 300 parts per million respectively, occurs over the Heel Zone and extends for 500 meters to the north. A weak VLF conductor is coincident with the second anomalous trend. The large extent of the soil anomalies cannot be adequately explained by mineralization discovered to date, or by metal dispersion from a single source. This area exhibits a strong, erratic magnetic signature reflecting the presence of outcropping and near surface intrusive bodies. It appears probable that additional porphyry (similar to the Camp Zone), breccia (similar to 1988 Heel Zone float), massive sulphide (similar to the Heel Zone) or vein mineralization exists in the

Heel Zone and along the northerly trend to the Camp Zone.

Two coincident geophysical conductors and soil geochemical anomalies have been outlined in the grid area: at the east end of lines 3+00N and 4+00N and a cross-structure near line 2+00S. Neither of these coincident geochemical/geophysical anomalies has been investigated on the ground by detailed geological mapping or prospecting. The first anomaly lies in the vicinity of the "Silver Standard" showing and trenches (Rayner and Ney, 1964), which have not yet been found. The second appears to be a mineralized cross-structure at the southern termination of the geophysical expression of the Gully Zone.

Many different metallogenic types are represented on the Trek property including porphyry copper-gold deposits (Heel, West Zones) copper-molybdenum breccias (Heel, North Zones), shear-hosted copper-gold (hanging wall of the Gully Zone) and lead-zinc-silver-gold veins (East Zone), a zinc-silver skarn (1988 float on the east side of Trek Creek) and possible volcanogenic copper-gold massive sulphides (Gully Zone). The variation in mineralogy and occurrence types is a result of the imprinting of Tertiary monzonite/diorite intrusives and a major northeasterly shear zone upon a varied stratigraphy. Therefore, it can be clearly seen that there exists the potential for more than a single deposit or commodity type. Any interpretation of data must also recognize the variety of deposit types.

Respectfully submitted,
EQUITY ENGINEERING LTD.



David A. Caulfield, F.G.A.C.

Vancouver, British Columbia
December, 1989

APPENDIX A

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BIBLIOGRAPHY

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APPENDIX B

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES
Trek 6 Claim
September 17-21, 1989

PROFESSIONAL FEES AND WAGES:		
Brian K. Yamamura, Project Geologist		
1.0 days @ $350/day	$ 350.00	
Michael Gerassimoff, Geologist		
1.0 days @ $250/day	250.00	
Jim Howe, Sampler		
1.0 days @ $175/day	175.00	
		$ 775.00
EQUIPMENT RENTALS:		
Handheld Radios		
2 days @ $5/day		10.00
JOINT MOBILIZATION, SUPERVISION AND SUPPORT COSTS:		
Prorated in accordance with number of mandays worked on each claim group		603.05
EXPENSES:		
Geochemical Supplies	$ 7.40	
Materials and Supplies	12.66	
Printing and Reproductions	13.26	
Camp Supplies	23.07	
Camp Food	31.19	
Camp Fuel	12.33	
Meals	2.52	
Accomodation	172.05	
Travel	31.32	
Aircraft Charters	40.18	
Helicopter Charters	387.86	
Telephone Distance Charges	1.79	
Freight	8.17	
Expediting	9.74	
		753.54
MANAGEMENT FEES:		
7.5% on subcontracts; 15% on expenses		161.27
REPORT PREPARATION:		
(Estimated)		100.00
		$ 2,402.86

STATEMENT OF EXPENDITURES
Trek 1, 2, 3, 4, 5 Claims
September 17-22, 1989

PROFESSIONAL FEES AND WAGES:		
David A. Caulfield, FGAC		
2.00 days @ $350/day	$ 700.00	
Brian K. Yamamura, Project Geologist		
1.0 days @ $350/day	350.00	
Donald McInnes, Project Manager		
3.5 days @ $300/day	1,050.00	
Jim Howe, Sampler		
1.0 days @ $175/day	175.00	
Derek Roulston, Sampler		
4.0 days @ $175/day	700.00	
Dan Cosgrove, Sampler		
2.0 days @ $175/day	350.00	
		$ 3,325.00
EQUIPMENT RENTALS:		
Handheld Radios		
10 days @ $5/day		50.00
JOINT MOBILIZATION, SUPERVISION AND SUPPORT COSTS:		
Prorated in accordance with number of mandays worked on each claim group		2,663.46
EXPENSES:		
Geochemical Supplies	$ 32.69	
Materials and Supplies	55.93	
Printing and Reproductions	58.59	
Camp Supplies	101.69	
Camp Food	137.67	
Camp Fuel	54.47	
Meals	11.11	
Accomodation	759.88	
Travel	138.34	
Aircraft Charters	177.45	
Helicopter Charters	1,713.04	
Telephone Distance Charges	7.89	
Freight	36.07	
Expediting	43.04	
		3,327.86
MANAGEMENT FEES:		
7.5% on subcontracts; 15% on expenses		712.27
REPORT PREPARATION:		
(Estimated)		300.00
		$ 10,378.59

STATEMENT OF EXPENDITURES
Trek 1, 2, 3, 4, 6 Claims
September 23 - October 20, 1989

PROFESSIONAL FEES AND WAGES:		
David A. Caulfield, FGAC		
4.00 days @ $350/day	$ 1,400.00	
Brian K. Yamamura, Project Geologist		
15.0 days @ $350/day	5,250.00	
Mike Gerassimoff, Geologist		
4.0 days @ $250/day	1,000.00	
Donald McInnes, Project Manager		
5.0 days @ $300/day	1,500.00	
Tom Bell, Prospector		
15.0 days @ $250/day	3,750.00	
Jim Howe, Sampler		
19.0 days @ $175/day	3,325.00	
Derek Roulston, Sampler		
19.0 days @ $175/day	3,325.00	
Dan Cosgrove, Sampler		
3.0 days @ $175/day	525.00	
Rob Landrigan, Sampler		
5.0 days @ $175/day	875.00	
David Hicks, Sampler		
10.0 days @ $175/day	1,750.00	
Ian Anderson, Sampler		
3.0 days @ $175/day	525.00	
David Hutchison, Sampler		
5.0 days @ $175/day	875.00	
		$ 20,775.00
EQUIPMENT RENTALS:		
5 kVa Generator		
19 days @ $15/day	$ 285.00	
Rock Drill and Steels		
3 days @ $60/day	180.00	
Fly Camp		
89 mandays @ $20/manday	1,780.00	
Handheld Radios		
73 days @ $5/day	365.00	
		2,610.00
JOINT MOBILIZATION, SUPERVISION AND SUPPORT COSTS:		
Prorated in accordance with number of mandays worked on each claim group		21,081.50

CHEMICAL ANALYSES:		
Silt Samples		
3 @ $12.52	$ 37.56	
Soil Samples		
697 @ $12.52	8,725.59	
Rock Geochemical Samples		
101 @ $17.63	1,780.63	
Assays (Cu, Pb, Zn, Ag)		
11 @ $8.67	95.41	
		$ 10,639.19
EXPENSES:		
Geochemical Supplies	$ 258.73	
Materials and Supplies	442.70	
Explosives	788.67	
Printing and Reproductions	463.72	
Camp Supplies	806.61	
Camp Food	1,090.44	
Camp Fuel	431.13	
Meals	87.93	
Accomodation	6,014.54	
Travel	1,094.99	
Aircraft Charters	1,404.50	
Helicopter Charters	13,558.88	
Telephone Distance Charges	62.43	
Freight	285.51	
Geophysical Subcontract	3,974.36	
Expediting	340.63	
		31,105.77
MANAGEMENT FEES:		
7.5% on subcontracts; 15% on expenses		5,637.66
REPORT PREPARATION:		
(Estimated)		2,500.00
		$ 94,349.12

STATEMENT OF EXPENDITURES
Trek 5 Claim
September 23 - October 20, 1989

PROFESSIONAL FEES AND WAGES:		
Brian K. Yamamura, Project Geologist		
3.0 days @ $350/day	$ 1,050.00	
Tom Bell, Prospector		
1.0 days @ $250/day	250.00	
		$ 1,300.00
EQUIPMENT RENTALS:		
Handheld Radios		
3 days @ $5/day		15.00
JOINT MOBILIZATION, SUPERVISION AND SUPPORT COSTS:		
Prorated in accordance with number of mandays worked on each claim group		778.94
CHEMICAL ANALYSES:		
Rock Geochemical Samples		
9 @ $17.63		158.67
EXPENSES:		
Geochemical Supplies	$ 9.56	
Materials and Supplies	16.36	
Printing and Reproductions	17.13	
Camp Supplies	29.79	
Camp Food	40.29	
Camp Fuel	15.93	
Meals	3.25	
Accomodation	222.23	
Travel	40.46	
Aircraft Charters	51.89	
Helicopter Charters	500.98	
Telephone Distance Charges	2.31	
Freight	10.55	
Expediting	12.59	
		973.32
MANAGEMENT FEES:		
7.5% on subcontracts; 15% on expenses		208.30
REPORT PREPARATION:		
(Estimated)		100.00
		$ 3,534.23

APPENDIX C

ROCK DESCRIPTIONS

EQUITY ENGINEERING LTD.

Geochemical Data Sheet - ROCK SAMPLING

NTS 104 G/3

Sampler DEREK ROULSTON Project LOR 89-01 Location Ref Sphaler Creek

Date SEPT 18, 1989 Property TREK Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
459867	6323970N 359130E	GRAB O/C	- -	MONZONITE	MAL	CHPY, PY	WEST ZONE SAMPLE, OFF TREK PROPERTY	320	2.8	6380	<2	166	10
459868	6323880N 359140E	GRAB O/C	- -	"	"	"	HIGH GRADE SAMPLE OF WEST ZONE	5820	96.4	5720	<2	118	60

EQUITY ENGINEERING LTD.

Geochemical Data Sheet - ROCK SAMPLING

NTS 104G/3 (E½)

Sampler M. GERASIMOFF

Project LOR 89-01

Location Ref

Date F. Sept 17-89
T.

Property TREK (GLACIER)

Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
459958	362500 E 6320000 N	GRAB 0/c	1m	Carbonate			Dyke-like or Sill-like, in Folded Lst.	<5	<0.2	86	<2	78	<5
459979	360940 E 6322880 N	Grab		Andesite	epid ± chlor ± carb	py	Elev: 1270 m At outlet of lake	<5	<0.2	112	2	64	25
459980	360760 E 6322990 N	"		"	—		At waterfall on outlet of lake Elev: 1215 m Sulphides dissem and stringers	<5	<0.2	169	<2	364	<5
459981	360590 E 6322950	"		"	—	py	At toe of glacier. Dissem. pyrite and Elev: 1220 m as stringers	<5	<0.2	198	<2	140	<5
459982	360975 E 6323185 N	"		"	—	py (trace)	Elev: 1270 m	5	<0.2	97	2	164	30

PRINTED IN CANADA

EQUITY ENGINEERING LTD.

Geochemical Data Sheet - ROCK SAMPLING

NTS 104 G/3

Sampler T. Bell | Project LOR89-01 | Location Ref Sphaler Creek

Date Sept 26, 1989 | Property TREK | Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
463351	6322[illegible]N 358730E	Grab	2m	Diorite	chloritic	py, cpy, mal	Mineralization in qtz stringers, disseminated Elev 1385m along fractures	900	12.0	3730	2	114	10
463352	6322230N 358940E	Grab	1m / 1m	Augite Porph	"	py, cpy	Shear zone 1m wide - 270/90 Elev 1370m Gossan for 5m	105	1.0	1130	<2	146	<5
463353	6322260N 358920E	Grab	5m / 5m x 10m	"	"	pyrr, py, cpy cov, tr cc	Pod of gossanous mineralization Elev 1360m	195	3.2	1940	6	130	15
463354	6322260N 358920E	Grab	1m / 15cm	Qtz vein / Augite Porph	"	pyrr, py, cpy, cov, Mn, lim	Within same zone as 463353 Qtz vein - 185/72 NW	50	0.4	1390	<2	40	<5
463355	6322270N 358900E	Grab	5m along zone / 80-100cm	Augite Porph	"	pyrr, sphal, cpy, cov, Mn	Zone exposed for 5-7 m in outcrop Elev 1360m	320	5.6	3940	16	3790	40
463356	6322270N 358870E	Talus		"	"	pyrr, py, cpy mal, mn, lim	From gossan zone exposed in cliffs Elev 1360m	180	1.8	2120	<2	252	5
463357	6322260N 358870E	Grab	1m / 1m x 1m	"	"	pyrr, py, cpy cov	Elev 1350m Dissem. mineraliz.	60	0.2	1330	4	84	<5
463358	6322270N 358870E	Grab	10m along zone / 1m	"	"	pyrr, py, cpy cov	Shear zone - 100/60 SW Elev 1360m	355	3.6	2990	<2	80	<5
463359	6321340N 361950E	Grab	1m / 20cm	Andesite	"	lim py, cpy, mal	Fracture - 045/75 NW Zone exposed for Elev 1705m 5m up cliff	50	0.4	162	8	104	10
463360	6321370N 361970E	Grab	10m / 25cm	Hydrothermal Agglom	"	lim py, cpy, Mn	Shear zone - 070/35 NW - Exposed Elev 1870m for 10m in o/c	55	2.0	953	<2	80	185
463361	6321320N 361970E	Grab	20cm / 20cm	" "	"	py, cpy, Mn, lim	Shear zone - 25% sulfides 045/55 NW Elev 1880m exposed upslope for 5m	160	4.2	1685	<2	124	235
463362	6321320N 361980E	Grab	25cm / 1m Pod	" "	"	py, tr cpy	Elev 1880m Massive in pod	80	1.0	63	<2	42	130
463363	6321320N 361530E	Grab	10m / 20m	"	"	az, py, cpy, mal	Series of narrow (5-20cm wide) shears Elev 1850m with qtz veinlets	700	3.4	1135	<2	48	<5
463364	6321320N 361550E	Grab	50cm / 25cm	"	"	py, cpy, mal	Right beside sample 463355 Elev 1865m	25	0.6	97	<2	70	115
463365	6321330N 361550E	Grab	3m / 20-30cm	"	"	Mn, py, mag, cpy	Shear zone (080/35NW) exposed for Elev 1875m 3m in o/c	135	1.8	750	<2	70	85
463366	6324340N 3600410E	Grab	50cm / 50cm exposure	Andesite	chloritic, clay, silica	py, mal, Mn, lim	Elev 600m	25	4.0	115	508	1615	1305
463367	6324340N 3600410E	Grab	1m / 1m	Andesite	chloritic, clay silica	cpy, Mn, lim py, aspy, sphal	50cm [illegible] higher up structure Elev 600m is more qtz vein like	2950	4.0	172	320	3660	>10,000
463368	6324340N 3600410E	Chip	1m / 1m	"	"	"	Elev 600m	240	1.8	169	38	1790	750
463369	6324340N 3600410E	Grab	1m / 1m	"	"	cpy, mal, Mn, lim py, aspy, sphal	Gully zone [illegible] - pyrrhotite extension Elev 600m Vein - 050/35 NW	4750	7.6	346	988	>10,000	520
463370	6324330N 360030E	Grab	2m	"	chloritic, silica	py	1-2% sulfides Fractures - 060/90 Elev 590m	1020	1.2	65	154	738	285

EQUITY ENGINEERING LTD.

Geochemical Data Sheet - ROCK SAMPLING

NTS 104 G/3

Sampler T. Bell | Project LORD9-01 | Location Ref Sphaler Crk

Date October, 1989 | Property TREK | Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
463371	6324630N 359860E	Silt					See silt sample sheet						
463372	6324890N 359660E	Grab	1m / 5-10cm	Andesite	silica chlorite, clay	py + asp + ?	Fractures 170/90 Elev 670m	70	0.6	2090	<2	88	200
463373	6324870N 359660E	Grab	5m	Monzonite ?	silica chlorite, clay	py + cc?	Elev 660m	20	0.2	267	<2	36	50
463374	6324940N 359590E	Silt					See silt sample sheet						
463375	6324420N 360110E	Grab	1m / 1m	Andesite	chlorite, silica	sphal, py + aspy	Continuation of zone from which samples Elev: 640m 366-369 taken	3500	6.4	381	258	>10,000	6850
463376	6324120N 359080E	Grab	3m / exposed for 5m	"	chlorite	py, pyrr	Elev 845m Exposed o/c for 5m	920	<0.2	176	<2	170	85
463377	6324060N 359060E	Grab	1m	Augite Porph	"	lim py, pyrr, cpy	Elev 845m	45	0.2	630	<2	82	115
463378	6324070N 359050E	Grab	3m	"	"	lim py, pyrr, cpy	Elev 835m Exposed o/c for 3m	160	12.4	4180	<2	112	85
463379	6324090N 359030E	"	5m	Monzonite	chlorite, clay	lim py, pyrr + cpy	Elev 810m	20	<0.2	471	<2	48	<5
463380	6324530N 359070E	"	1m / 20cm	Augite Porph	chlorite	py, pyrr, cpy	Shear zone - Sample taken along 095/40°NE Elev 670m zone including wall rock	845	9.8	>10,000	.6	224	110
463381	6324590N 359080E	"	1m / 30-50cm	Andesite	chlorite	py, pyrr, cpy	Structure - 150/70 Elev 655m	70	1.4	4010	<2	102	160
463382	6324550N 359100E	"		Augite Porph	"	py, pyrr, cpy	Elev 650m	120	1.2	1640	8	56	95
463383	6326160N 362525E	"	5m / 50cm	Andesite	epidote, calcite	+ cpy mal, py, hem	Shear zone exposed for 10m - veining Elev 1570m - 100/45 NE	<5	<0.2	219	10	180	65
463384	6326130 362375E	"	- / 1-2m	"	carbonate, chlorite, epid	cpy, mal, py	Subcrop sample - boulder, Shear Elev 1565m Zone - 190/90	85	5.6	4510	4	32	60
463385	63259 60 362450E	"	10m / 10-15m	Aug. Porph	Fe-carb calcite	py, hem	Ankerite Stringers 060/35 NW Elev 1450m	<5	<0.2	73	<2	88	25
463386	6324580N 359200E	"	5m	Monzonite	chlorite	py, pyrr, Mo, lim	Elev 665m Qtz veining	40	<0.2	434	6	26	5
463387	6324340N 359750E Draw - 350/55NE	Talus		Andesite Tuff	chlorite	py + cpy	Good gossan below in creek bank. Pyrite Elev 625m dissem and in veinlets	190	<0.2	1635	2	60	10
463388	6322130N 359420E Dyke - 070/70NW	Grab	5m	Aug Porph	"	py	South side fold porph dyke. Mineraliz 5m Elev 1260m south of dyke	35	<0.2	78	6	68	<5
463389	6322140N 359410E	"	5m	"	"	py	Qtz - carb. veining in volcanics. 10m Elev 1245m north of fold porph dyke	15	<0.2	164	2	52	<5
463390	6322310N 359470E	Talus		Andesite ?	carbonate	py, sphal	Massive to semi-massive py (fine) + sphal. Elev 1185m in altered vole.	50	7.6	220	418	>10,000	370

EQUITY ENGINEERING LTD.

Geochemical Data Sheet - ROCK SAMPLING

NTS 104G/3

Sampler T. Bell | Project LORD9-01 | Location Ref Sphaler Creek

Date October, 1989 | Property TREK | Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
463391	6322340 N 359510 E	Talus		Andesite?		py, sphal	Qtz-carb veining Elev 1195m	35	5.2	165	316	>10,000	60
463392	6322330N 359550E	"		"		py, sphal, gal	Vein material? Pb and Zn-oxides Elev 1215m	225	156.5	3000	>10,000	>10,000	40
463393	6322270 N 359840E	"		Andesite	carbonate	azur, lim sphal, gal, py	Carbonate-qtz veins Elev 1330m	10	43.6	219	>10,000	>10,000	25
463394	6322260N 359830E	Grab	1m / 20cm	Andesite	carbonate	mal azur, lim sphal, gal, cpy	Elev 1345m	30	10.8	117	4630	4130	50
463395	6323900N 359780E	Grab	2m	"	chlorite, silica carbonate	py	Elev 690m Erosion gully	<5	<0.2	81	<2	78	15
463396	6323830N 359900E	Talus / Subcrop	2m	Monzonite		py, cpy *aspy?	Elev 740m	<5	<0.2	42	<2	54	<5
463397	6323800N 359900E	Grab	3m	"	chlorite, silica	py, cpy, gal	Elev 740m Intense shattering	90	16.8	261	888	2610	40
463398	6324220N 259800E	Talus		Andesitic tuff	chlorite, seeth.	py, cpy, *pyrr	Qtz-carb veining Elev Trench # 1	2790	5.2	>10,000	<2	198	55
463399		Chip	10m	Monzonite?	chlorite, silica	py, lim	Mouth of Trek creek - west side	<5	0.4	76	60	194	10
463400		"	10m	"	"	"	" "	5	0.4	150	46	196	5
	Consecutive Chip												
463801	Samples centered	"	10m	"	"	"	" "	<5	<0.2	49	<2	78	5
463802	at 6324170N	"	10m	"	"	"	" "	15	<0.2	48	12	104	<5
463803	360190E	"	10m	"	"	"	" "	115	0.2	64	84	716	25
463804		"	8.7	"	"	tr gal	" "	80	0.8	214	892	1865	55
463805	6324450 N 360550 E	Grab	3m	Monzonite/All. Andesite?	silica, chlorite	py, lim	cliffs on south side Sphaler Crk, Elev upstream from camp	<5	<0.2	79	32	60	<5
463806	6324450 N 360580 E	Grab	1m	"	silica, clay	py	Elev 600m?	25	<0.2	81	<2	70	<5
463807	6324650N 360730 E	Grab	2m	"	silica, chlorite	py, lim	Elev:	<5	<0.2	9	4	62	10
463808	6324650N 360720E	Grab	3m	"	" "	"	20m below sample 807 Elev:	5	<0.2	5	2	48	<5
463809	6324740N 360670E	Grab	5m	Andesite tuff / Aug. Porph	chlorite	py	Right on south side of Sphaler Elev Creek	25	0.2	241	<2	58	5

EQUITY ENGINEERING LTD.

Geochemical Data Sheet - ROCK SAMPLING

NTS 104G/3

Sampler T. Bell | Project LORD89-1 | Location Ref Sphaler Creek

Date October, 1989 | Property TREK | Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
463810	6324670 N 360630 E	Grab	2m	Monzonite / Altered Andesite?	chlorite, carb	py, lim, Mn	Downstream from sample 809 ~75m Elev:	<5	<0.2	8	<2	38	15
463811	6324660 N 360620 E	Grab	50cm / 1m road pod	"	–	py	Qtz-pyrite lens 10 m downstream from sample 810	70	<0.2	19	<2	46	80
463812	6325140 N 361010 E	Grab	10m	Andesite	carbonate	py, hem, lim	Follows zone of fracturing 010/90 Elev: 610m	<5	<0.2	6	<2	38	<5
463813	6325130 N 361010 E	Talus		Qtz-eye Rhyolite	–	py, hem, cpy	Elev: 600m	<5	1.6	113	<2	634	15
463814	6325140 N 361000 E	Grab	2m	Andesitic flagiom?	chlorite, carb	py, hem * cpy	20m downstream from sample 813 Elev: 600m	<5	<0.2	8	<2	60	5
463815	6325130 N 360990 E	Grab	10cm / 5-10cm			py	Pyrite veinlet - 310/90 → Massive Elev: 605m pyrite vein sample	200	<0.2	113	<2	56	400
463816	6325130 N 360990 E	Talus		Monzonite / Altered Andesite?	sericite, silica	py, cpy, mal	From talus below sample 815 Elev: 605m	120	28.2	710,000	<2	114	125
463817	6325130 N 360970 E	Grab	50cm / 50cm-2m	Monzonite / Altered Andesite?	silica, chlor, carb	py, lim, hem	Well gossaned shear / fracture zone 035/70SE Elev: 605m	45	2.2	786	10	40	100
463818	6325130N 360960 E	Grab	5m / 1-2m	Altered Andesite	silica, chlor, carb	py, hem, cpy	Same zone as sample 817 - 030/90 Elev: 605m	110	3.2	1100	8	54	205
463819	6325120N 360960 E	Talus		Monzonite / Altered Andesite	chlorite silica, sericite	cpy py, mal, azur	Talus below sample 818 Elev: 600m	185	22.0	710,000	4	80	220
463820	6325120N 360940 E	Grab	25cm / 25cm	Andesite	chlorite, silica	py, hem	Same zone as sample 818 → 25m Elev: 600m downstream from 819	35	0.2	332	<2	50	105
463821	6324420 N 359750 E	Grab	5m	Augite Porph / Flagiom.	chlorite	py, cpy	Downstream from lower helipad Elev: 585m	100	2.8	2600	<2	60	45
463822	6324410 N 359750 E	Grab	15m	"			162/75 NE → 10m wide zone Elev: Other structure 048/90	500	1.4	1330	<2	80	70
463823	6324340 N Trench TR89-5	360040 E Grab		Andesitic tuff / Agglom		cpy py, aspy?, sphal,	Trench 5 (TR89-5) High grade of best mineralized material	620	1.8	170	94	746	195
463824	6324340 N "	360040 E Chip	1.7m	Andesitic tuff / Agglom	chlorite	py (minor)	Trench 5 Altered hanging wall ?	1100	2.2	158	242	1880	410
463825	6324340 N "	360040 E Chip	5.5m			py, aspy?, sph, cpy	Qtz-rich zone - well altered with strong hematite on zone	2450	5.4	320	616	7070	770

EQUITY ENGINEERING LTD.

Geochemical Data Sheet - ROCK SAMPLING

NTS 104 G/3

Sampler B Yamamura | Project LOR89-01 | Location Ref Spholer Creek

Date Sept 21, 1989 | Property TREK | Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm
463951	6322190N 358550E	Grab		sandstone	hornfelsic	py, pycr, tr cpy	Elev:	660	11.2	6930	<2	180	<5
463952	6322025N 358870E	Grab		diorite	hem, lim	py	Sample also includes pyrite vein material	30	<0.2	161	<2	94	20
463953	6322015N 358860E	Grab		"	biotite, hem, lim	py	Sample includes qtz-pyrite vein material	55	<0.2	63	<2	72	20
463954	6325730N 360130E	Grab		andesitic tuff	chlor, epid	py	Sulfides are finely disseminated and Elev 1120m paddy	30	<0.2	467	<2	56	<5
463955	6327325N 361620E	Grab		andesitic tuff	goeth	py	Euhedral crystals and irregular blebs Elev 1845m of pyrite	270	1.8	1440	<2	98	45
463956	6327315N 361 630E	Grab		basalt		py, mag, mal	Approx 10-15m east of sample 955	60	<0.2	1880	<2	102	<5
463957	6326020N 359790E	Grab		andesitic agglom	Fe carb	py	Mineraliz. follows small fault / fracture Elev 1305m Zone - Fract: 350/325W	25	0.4	447	4	72	55
463958	6326500N 361720E	Grab	1m	andesitic agglom	goeth, hem	py	From gossanous, fracture zone Elev 1565m	<5	<0.2	65	4	70	<5
463959	6324380N 360420E	Grab	5m	Monzonite / Filtered andesite ?	sericite goeth, hem, lim	py	Highly shattered, gossanous o/c. Elev 600m - North side of Spholer Crk	35	<0.2	62	<2	142	<5

APPENDIX D

CERTIFICATES OF ANALYSIS

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER.
BRITISH COLUMBIA. CANADA V7J-2C1
PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER. BC
V6B 1N2

A8928016

Comments: CC: EQUITY ENGINEERING LTD.

CERTIFICATE A8928016

EQUITY ENGINEERING LTD
PROJECT : TREK
P O # : LOR89-01

Samples submitted to our lab in Vancouver. BC.
This report was printed on 25-OCT-89.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	34	Rock Geochem: Crush,split,ring
238	34	ICP: Aqua regia digestion

* 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	34	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
921	34	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
922	34	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
923	34	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	34	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	34	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	34	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	34	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	34	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	34	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	34	Cr ppm: 32 element soil & rock	ICP-AES	1	10000
931	34	Cu ppm: 32 element soil & rock	ICP-AES	1	10000
932	34	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	34	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	34	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	34	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	34	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	34	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	34	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
938	34	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	34	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	34	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	34	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	34	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	34	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	34	Sc ppm: 32 elements, soil & rock	ICP-AES	1	100000
944	34	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	34	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	34	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	34	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	34	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	34	W ppm: 32 element, soil & rock	ICP-AES	10	10000
950	34	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project : TREK
Comments: CC: EQUITY ENGINEERING LTD.

Page No. : 1-A
Tot. Pages: 1
Date : 25-OCT-89
Invoice # : I-8928016
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8928016

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	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
463359	205	238	30	5.05	0.6	10	< 10	< 0.5	< 2	4.47	< 0.5	40	33	180	8.11	< 10	< 1	0.03	< 10	2.30	1160
463359	205	238	50	4.77	0.4	10	< 10	< 0.5	4	4.25	< 0.5	40	24	162	7.88	< 10	< 1	0.03	< 10	2.16	1085
463360	205	238	55	4.52	2.0	185	10	< 0.5	8	1.05	< 0.5	191	28	953	>15.00	< 10	< 1	0.13	10	2.16	875
463361	205	238	160	3.46	4.2	235	< 10	< 0.5	2	0.16	< 0.5	427	25	1685	>15.00	< 10	< 1	0.11	10	1.10	485
463362	205	238	80	3.84	1.0	130	< 10	< 0.5	< 2	4.00	< 0.5	153	26	63	>15.00	< 10	< 1	0.03	< 10	1.06	485
463363	205	238	700	3.17	3.4	< 5	< 10	< 0.5	2	3.07	< 0.5	115	25	1135	10.40	< 10	< 1	0.04	< 10	1.33	460
463364	205	238	25	3.41	0.6	115	10	< 0.5	2	1.26	< 0.5	130	26	97	10.80	< 10	< 1	0.06	10	2.73	1010
463365	205	238	135	2.18	1.8	85	20	< 0.5	< 2	0.45	< 0.5	69	20	750	>15.00	< 10	< 1	0.13	40	1.11	495
463366	205	238	25	2.34	4.0	1305	40	< 0.5	4	0.76	12.5	17	13	115	7.47	< 10	< 1	0.24	< 10	1.00	1550
463367	205	238	2950	1.18	4.0	>10000	20	< 0.5	10	0.54	24.0	18	5	172	9.00	< 10	< 1	0.17	< 10	0.44	1310
463368	205	238	240	2.15	1.8	750	30	< 0.5	< 2	0.84	16.0	19	15	169	5.68	< 10	< 1	0.29	10	0.82	2970
463369	205	238	4750	1.20	7.6	520	30	< 0.5	8	0.14	>100.0	11	31	346	6.97	< 10	15	0.29	< 10	0.27	365
463370	205	238	1020	0.84	1.2	285	290	< 0.5	< 2	4.24	3.5	12	34	65	5.82	< 10	< 1	0.26	< 10	0.49	3400
463372	205	238	70	2.17	0.6	200	20	< 0.5	< 2	0.53	< 0.5	111	57	2090	>15.00	< 10	< 1	0.03	10	1.32	355
463373	205	238	20	1.43	0.2	50	10	< 0.5	< 2	0.71	< 0.5	18	24	267	3.89	< 10	< 1	0.04	< 10	1.10	220
463375	205	238	3500	2.00	6.4	6850	10	< 0.5	6	2.96	>100.0	47	29	381	9.48	< 10	< 1	0.10	< 10	0.85	2370
463376	205	238	920	2.96	< 0.2	85	110	< 0.5	< 2	1.27	0.5	35	193	176	6.10	< 10	< 1	1.45	< 10	2.73	500
463377	205	238	45	2.86	0.2	115	80	< 0.5	< 2	1.27	< 0.5	46	88	630	6.08	< 10	< 1	1.14	< 10	2.53	460
463378	205	238	160	2.41	12.4	85	20	< 0.5	< 2	1.72	< 0.5	23	100	4180	6.80	< 10	< 1	0.38	< 10	1.95	410
463379	205	238	20	2.15	< 0.2	< 5	10	< 0.5	< 2	1.87	0.5	41	64	471	4.73	< 10	< 1	0.10	< 10	1.65	300
463380	205	238	845	1.23	9.8	110	10	< 0.5	6	0.90	< 0.5	126	66	>10000	5.19	< 10	< 1	0.02	< 10	0.95	190
463381	205	238	70	0.68	1.4	160	< 10	< 0.5	< 2	0.46	< 0.5	478	18	4010	>15.00	< 10	< 1	0.01	10	0.52	105
463382	205	238	120	1.32	1.2	95	10	< 0.5	4	0.90	< 0.5	141	52	1640	7.64	< 10	< 1	0.03	< 10	1.16	210
463383	205	238	< 5	3.37	< 0.2	65	30	< 0.5	< 2	6.80	7.0	26	30	219	5.80	< 10	2	0.09	< 10	2.53	1615
463384	205	238	85	1.04	5.6	60	30	< 0.5	< 2	8.66	0.5	74	48	4510	1.69	< 10	< 1	0.02	< 10	0.45	425
463385	205	238	< 5	0.82	< 0.2	25	20	< 0.5	< 2	9.28	< 0.5	18	11	73	4.98	< 10	< 1	0.13	< 10	1.36	1275

CERTIFICATION : _____

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212 BROOKSBANK AVE. NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

TO: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : TREK
Comments: CC: EQUITY ENGINEERING LTD.

Page No. : 1
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Date : 25-OCT-89
Invoice # : I-8928016
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8928016

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
463359	205	238	< 1	0.02	22	950	6	15	11	24	0.40	< 10	10	228	< 10	114
463359	205	238	< 1	0.02	27	870	8	15	10	22	0.37	< 10	10	215	< 10	104
463360	205	238	< 1	< 0.01	20	660	< 2	10	18	13	0.07	< 10	10	225	< 10	80
463361	205	238	< 1	< 0.01	87	660	< 2	< 5	8	2	< 0.01	< 10	20	121	< 10	124
463362	205	238	2	0.02	29	810	< 2	10	10	28	0.33	< 10	10	155	< 10	42
463363	205	238	99	0.01	26	960	< 2	5	10	58	0.32	< 10	10	140	< 10	48
463364	205	238	37	< 0.01	19	1050	< 2	5	21	15	0.48	< 10	10	294	< 10	70
463365	205	238	59	< 0.01	5	680	< 2	5	11	48	0.30	< 10	< 10	351	60	70
463366	205	238	< 1	0.01	2	930	508	10	3	17	< 0.01	< 10	< 10	49	< 10	1615
463367	205	238	< 1	< 0.01	< 1	870	320	20	2	10	< 0.01	< 10	10	21	< 10	3660
463368	205	238	< 1	0.01	2	1010	38	10	3	16	< 0.01	< 10	< 10	35	< 10	1790
463369	205	238	< 1	0.02	2	850	988	< 5	2	12	< 0.01	< 10	10	28	< 10	>10000
463370	205	238	< 1	0.02	6	660	154	5	1	62	< 0.01	< 10	< 10	14	< 10	738
463372	205	238	121	0.02	18	1140	< 2	< 5	3	15	0.20	< 10	< 10	118	< 10	88
463373	205	238	14	0.03	5	1270	< 2	< 5	3	17	0.21	< 10	< 10	78	< 10	36
463375	205	238	< 1	0.01	12	720	258	5	4	47	< 0.01	< 10	< 10	50	< 10	>10000
463376	205	238	< 1	0.04	74	1860	< 2	5	6	22	0.52	< 10	< 10	198	< 10	170
463377	205	238	< 1	0.07	36	1240	< 2	< 5	9	27	0.48	< 10	< 10	193	< 10	82
463378	205	238	< 1	0.09	35	1310	< 2	10	15	36	0.49	< 10	< 10	211	< 10	112
463379	205	238	7	0.04	24	1480	< 2	< 5	5	36	0.57	< 10	< 10	166	< 10	48
463380	205	238	18	0.02	64	1020	6	5	4	35	0.25	< 10	< 10	75	< 10	224
463381	205	238	1	< 0.01	2090	1380	< 2	< 5	2	8	0.04	< 10	20	41	< 10	102
463382	205	238	111	0.02	200	1460	8	5	2	26	0.15	< 10	< 10	63	< 10	56
463383	205	238	1	< 0.01	23	810	10	5	10	29	< 0.01	< 10	< 10	147	< 10	180
463384	205	238	< 1	< 0.01	21	460	4	10	2	136	0.15	< 10	< 10	42	< 10	32
463385	205	238	< 1	0.03	21	1070	< 2	10	6	102	< 0.01	< 10	< 10	55	< 10	88

CERTIFICATION : _____

Chemex Labs Ltd.
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212 BROOKSBANK AVE., NORTH VANCOUVER,
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To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments:

Page No. : 1-A
Tot. Pages: 1
Date : 30-OCT-89
Invoice # : I-8928817
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8928817

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	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
459979	205	238	< 5	1.74	< 0.2	25	100	0.5	< 2	8.51	< 0.5	12	31	112	3.80	< 10	< 1	0.73	< 10	0.68	1085
459980	205	238	< 5	3.53	< 0.2	< 5	800	< 0.5	< 2	1.33	< 0.5	24	31	169	5.27	10	< 1	2.49	< 10	2.86	2130
459981	205	238	< 5	3.62	< 0.2	< 5	380	< 0.5	< 2	0.82	< 0.5	25	38	198	5.45	10	< 1	3.11	< 10	3.15	835
459982	205	238	5	3.62	< 0.2	30	710	1.5	< 2	2.99	< 0.5	24	25	97	6.25	20	< 1	3.06	< 10	2.75	1130
463812	205	238	< 5	0.62	< 0.2	< 5	270	1.0	< 2	5.03	< 0.5	34	26	6	6.55	< 10	< 1	0.46	< 10	1.52	1145
463813	205	238	< 5	0.24	1.6	15	750	0.5	< 2	13.85	7.0	17	19	113	5.73	< 10	< 1	0.11	< 10	5.89	1510
463814	205	238	< 5	2.23	< 0.2	5	160	1.5	< 2	3.67	< 0.5	57	26	8	7.47	10	< 1	0.53	< 10	1.97	1195
463815	205	238	200	0.91	< 0.2	400	30	< 0.5	2	0.27	< 0.5	48	75	113	>15.00	< 10	< 1	0.46	< 10	0.21	95
463816	205	238	120	1.07	28.2	125	30	0.5	< 20	0.58	< 0.5	146	47	>10000	14.00	< 10	< 1	0.62	< 10	0.14	415
463817	205	238	45	1.05	2.2	100	150	1.0	< 2	1.35	< 0.5	34	43	786	5.80	< 10	< 1	0.58	< 10	0.36	590
463818	205	238	110	1.30	3.2	205	40	1.0	2	2.57	< 0.5	64	39	1100	13.10	< 10	< 1	0.37	< 10	0.70	815
463819	205	238	185	0.80	22.0	220	50	1.0	< 20	0.89	< 0.5	110	57	>10000	>15.00	< 10	< 1	0.43	< 10	0.26	520
463820	205	238	35	1.37	0.2	105	50	1.0	8	2.27	< 0.5	135	65	332	10.80	< 10	< 1	0.44	< 10	0.51	830
463821	205	238	100	2.23	2.8	45	10	0.5	4	1.05	< 0.5	43	35	2600	6.42	20	< 1	0.05	< 10	1.87	335
463822	205	238	500	2.86	1.4	70	10	0.5	8	1.34	< 0.5	48	39	1330	6.81	20	< 1	0.06	< 10	2.04	630
463823	205	238	620	3.20	1.8	195	60	0.5	10	0.53	1.0	21	15	170	6.88	< 10	< 1	0.28	< 10	1.46	1970
463824	205	238	1100	2.16	2.2	410	30	0.5	6	1.18	18.0	21	17	158	6.30	< 10	< 1	0.29	< 10	0.84	2490
463825	205	238	2450	1.60	5.4	770	30	0.5	16	0.94	77.0	26	30	320	8.57	< 10	< 1	0.25	< 10	0.58	1465

CERTIFICATION : B. Caughlin

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207 - 675 W. HASTINGS ST.
VANCOUVER, BC
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Project : TREK
Comments:

Date : 30-OCT-89
Invoice # : I-8928817
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8928817

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
459979	205	238	< 1	0.16	11	1380	2	5	4	263	0.17	< 10	< 10	136	< 10	64
459980	205	238	< 1	0.11	11	1490	< 2	< 5	11	51	0.27	< 10	10	227	< 10	364
459981	205	238	< 1	0.08	13	1100	< 2	< 5	7	44	0.32	< 10	10	208	< 10	140
459982	205	238	< 1	0.07	11	2160	2	5	22	422	0.37	< 10	< 10	358	< 10	164
463812	205	238	< 1	0.02	< 1	1240	< 2	10	8	638	< 0.01	< 10	< 10	83	< 10	38
463813	205	238	1	0.02	14	120	< 2	30	2	251	< 0.01	< 10	10	25	< 10	634
463814	205	238	1	0.02	5	1200	< 2	5	7	126	0.01	< 10	10	189	< 10	60
463815	205	238	3	0.01	3	150	< 2	5	3	9	< 0.01	< 10	30	43	< 50	56
463816	205	238	4	0.01	12	1000	< 2	5	5	14	< 0.01	< 10	10	67	< 50	114
463817	205	238	3	0.01	3	1050	10	5	4	35	< 0.01	< 10	< 10	39	< 10	40
463818	205	238	25	0.01	11	690	8	5	4	103	< 0.01	< 10	20	83	< 10	54
463819	205	238	2	0.01	18	200	4	5	4	22	< 0.01	< 10	30	52	< 50	80
463820	205	238	4	0.01	9	620	< 2	5	2	47	0.01	< 10	10	58	< 10	50
463821	205	238	114	0.07	11	1080	< 2	< 5	5	57	0.38	< 10	10	132	< 10	60
463822	205	238	144	0.05	14	960	< 2	< 5	5	72	0.32	< 10	10	127	< 10	80
463823	205	238	1	0.04	2	630	94	5	4	20	< 0.01	< 10	10	71	< 10	746
463824	205	238	1	0.03	3	690	242	< 5	3	25	< 0.01	< 10	10	44	< 10	1880
463825	205	238	< 1	0.03	4	620	616	5	2	22	< 0.01	< 10	10	35	< 10	7070

CERTIFICATION : B. Caplin

Chemex Labs Ltd.

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TO: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
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Project : TREK
Comments: CC: EQUITY ENGINEERING LTD.

Date : 19-OCT-89
Invoice # : I-8927660
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8927660

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	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
459867	205	238	320	1.01	2.8	10	30	< 0.5	< 2	2.60	0.5	12	22	6380	2.17	< 10	< 1	0.08	< 10	1.04	595
459868	205	238	5820	2.04	96.4	60	40	< 0.5	6	0.13	< 0.5	15	12	5720	>15.00	< 10	< 1	0.27	30	1.14	400
463351	205	238	900	2.65	12.0	10	30	< 0.5	4	1.44	2.5	16	33	3730	3.34	< 10	< 1	0.52	< 10	0.64	520
463352	205	238	105	5.12	1.0	< 5	150	< 0.5	8	2.08	0.5	43	77	1130	7.45	< 10	< 1	1.69	< 10	1.78	1360
463353	205	238	195	2.96	3.2	15	60	< 0.5	4	2.13	0.5	30	58	1940	4.95	< 10	< 1	0.49	< 10	0.81	950
463354	205	238	50	0.96	0.4	< 5	10	< 0.5	2	3.70	< 0.5	37	31	1390	6.36	< 10	< 1	0.04	< 10	0.20	1130
463355	205	238	320	1.36	5.6	40	40	< 0.5	10	1.00	38.0	38	26	3940	>15.00	< 10	< 1	0.59	< 10	0.50	815
463356	205	238	180	1.00	1.8	5	40	< 0.5	2	0.96	2.5	66	24	2120	6.85	< 10	< 1	0.29	< 10	0.69	275
463357	205	238	60	2.76	0.2	< 5	100	< 0.5	6	1.09	< 0.5	67	56	1330	8.59	< 10	< 1	0.93	< 10	1.33	405
463358	205	238	355	1.74	3.6	< 5	30	< 0.5	4	1.17	< 0.5	216	42	2990	14.75	< 10	< 1	0.45	< 10	0.87	375
463951	205	238	660	6.08	11.2	< 5	300	< 0.5	< 2	1.70	2.0	31	56	6930	7.65	< 10	< 1	2.56	< 10	2.46	1230
463952	205	238	30	3.12	< 0.2	20	70	< 0.5	2	0.40	< 0.5	17	31	161	6.29	< 10	< 1	1.98	< 10	1.76	1225
463953	205	238	55	1.83	< 0.2	20	30	< 0.5	2	0.28	< 0.5	252	59	63	>15.00	< 10	< 1	1.14	< 10	0.85	395
463954	205	238	30	2.22	< 0.2	< 5	10	< 0.5	6	1.70	< 0.5	37	28	467	4.76	< 10	< 1	0.06	< 10	1.20	315
463955	205	238	270	2.34	1.8	45	20	< 0.5	6	0.78	< 0.5	410	20	1440	>15.00	< 10	< 1	0.04	< 10	1.51	640
463956	205	238	60	3.12	< 0.2	< 5	40	< 0.5	4	0.79	0.5	27	17	1880	10.60	10	< 1	0.57	< 10	2.61	700

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE. NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : TREK
Comments: CC: EQUITY ENGINEERING LTD.

Page No. : 1-B
Tot. Pages: 1
Date : 19-OCT-89
Invoice # : I-8927660
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8927660

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
459867	205	238	38	< 0.01	14	1340	< 2	< 5	6	27	0.08	< 10	< 10	175	< 10	166
459868	205	238	51	0.01	2	2760	< 2	< 5	7	31	0.31	< 10	< 10	230	< 10	118
463351	205	238	7	0.23	3	1180	2	< 5	5	45	0.08	< 10	< 10	82	< 10	114
463352	205	238	1	0.36	14	1520	< 2	< 5	12	115	0.20	< 10	< 10	192	< 10	146
463353	205	238	9	0.28	18	1540	6	< 5	7	80	0.13	< 10	< 10	111	50	130
463354	205	238	6	0.06	11	580	< 2	< 5	1	52	0.04	< 10	< 10	21	210	40
463355	205	238	120	0.03	25	550	16	< 5	5	18	0.09	< 10	< 10	63	< 10	3790
463356	205	238	12	0.06	35	420	< 2	< 5	1	92	0.05	< 10	< 10	40	< 10	252
463357	205	238	4	0.24	43	930	4	< 5	4	188	0.13	< 10	< 10	98	< 10	84
463358	205	238	12	0.14	38	620	< 2	< 5	3	78	0.07	< 10	< 10	65	10	80
463951	205	238	24	0.13	12	1250	< 2	< 5	23	53	0.16	< 10	< 10	196	< 10	180
463952	205	238	7	0.02	11	1250	< 2	< 5	5	61	0.12	< 10	< 10	83	< 10	94
463953	205	238	64	0.01	23	540	< 2	< 5	4	45	0.06	< 10	< 10	44	< 10	72
463954	205	238	3	0.02	16	930	< 2	< 5	3	103	0.25	< 10	< 10	85	< 10	56
463955	205	238	19	0.01	19	820	< 2	< 5	9	17	0.23	< 10	< 10	192	< 10	98
463956	205	238	3	0.01	12	870	< 2	< 5	21	29	0.44	< 10	< 10	364	< 10	102

CERTIFICATION : B. Caughlin

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To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments:

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Invoice # : I-8928420
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8928420

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	g ppm	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
463395	205 238	< 5	1.33	< 0.2	15	60	< 0.5	< 2	4.70	< 0.5	13	31	81	4.39	< 10	< 1	0.25	< 10	2.02	1150
463396	205 238	< 5	1.09	< 0.2	< 5	80	< 0.5	< 2	5.07	< 0.5	17	23	42	4.35	< 10	< 1	0.50	< 10	1.36	1075
463397	205 238	90	0.72	16.8	40	230	< 0.5	< 2	1.13	23.5	19	18	261	3.09	< 10	< 1	0.49	10	0.31	570
463398	205 238	2290	2.77	5.2	55	10	< 0.5	< 2	0.73	< 0.5	181	26	>10000	>15.00	10	< 1	0.20	20	1.64	340
463805	205 238	< 5	2.40	< 0.2	< 5	20	< 0.5	< 2	1.47	< 0.5	11	35	79	3.89	< 10	< 1	0.08	10	2.14	510
463806	205 238	25	3.73	< 0.2	< 5	50	< 0.5	< 2	1.08	< 0.5	22	34	81	5.88	< 10	< 1	0.20	10	2.19	475
463807	205 238	5	1.86	< 0.2	10	30	< 0.5	< 2	1.11	< 0.5	30	39	9	5.11	< 10	< 1	0.14	10	1.72	365
463808	205 238	5	3.33	< 0.2	< 5	80	< 0.5	< 2	2.44	0.5	14	144	5	4.11	< 10	< 1	0.40	< 10	1.67	375
463809	205 238	25	1.57	0.2	5	40	< 0.5	2	1.34	< 0.5	39	44	241	5.96	< 10	< 1	0.05	10	1.19	355
463810	205 238	< 5	1.82	< 0.2	15	50	< 0.5	< 2	3.91	< 0.5	27	40	8	5.02	< 10	< 1	0.11	< 10	2.33	635
463811	205 238	70	0.24	< 0.2	80	10	< 0.5	< 2	0.04	< 0.5	109	131	19	>15.00	< 10	< 1	0.09	< 10	0.04	40
463957	205 238	25	2.49	0.4	55	30	< 0.5	< 2	2.26	< 0.5	23	23	447	5.25	10	< 1	0.05	10	1.24	520
463958	205 238	< 5	2.25	< 0.2	< 5	10	< 0.5	< 2	0.71	0.5	15	57	65	5.09	< 10	< 1	0.03	10	1.77	665
463959	205 238	35	2.31	< 0.2	< 5	30	< 0.5	< 2	0.36	< 0.5	16	120	62	8.12	< 10	< 1	0.16	< 10	2.83	670
465516	205 238	< 5	3.68	< 0.2	< 5	30	< 0.5	2	1.28	< 0.5	28	13	268	8.67	< 10	< 1	0.32	10	2.93	525
465517	205 238	70	3.04	0.3	30	30	< 0.5	6	0.50	< 0.5	68	32	2950	12.50	10	< 1	0.45	10	2.06	335
465518	205 238	330	2.52	2.5	45	40	< 0.5	< 2	0.36	< 0.5	321	28	>10000	>15.00	< 10	< 1	0.39	10	1.37	270
465519	205 238	1350	3.71	3.2	60	30	< 0.5	< 2	0.41	< 0.5	189	37	>10000	>15.00	10	< 1	0.58	20	1.95	370
465520	205 238	1410	1.62	4.8	220	40	< 0.5	< 2	0.14	< 0.5	27	26	1395	>15.00	< 10	< 1	0.81	10	0.72	175
465521	205 238	100	2.97	< 0.2	20	20	< 0.5	6	0.65	< 0.5	28	11	528	8.88	10	< 1	0.61	20	2.37	300
465522	205 238	55	3.12	< 0.2	15	30	< 0.5	2	0.98	< 0.5	30	11	617	11.15	10	< 1	0.29	10	2.46	415

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
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PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments:

Page No. : 1-B
Tot. Pages: 1
Date : 26-OCT-89
Invoice # : I-8928420
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8928420

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Si ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
463395	205 238	1	0.01	20	1090	< 2	< 5	4	91	0.02	< 10	< 10	52	< 10	78
463396	205 238	1	0.02	15	1100	< 2	5	3	86	< 0.01	< 10	< 10	33	< 10	54
463397	205 238	14	0.01	7	1310	888	< 5	1	25	< 0.01	< 10	< 10	13	< 10	2610
463398	205 238	111	0.01	9	700	< 2	< 5	6	16	0.14	< 10	< 10	119	< 10	198
463805	205 238	< 1	0.02	7	1540	12	< 5	6	52	0.15	< 10	< 10	99	< 10	60
463806	205 238	2	0.04	12	1510	< 2	< 5	7	22	0.08	< 10	< 10	120	< 10	70
463807	205 238	1	0.05	10	1720	4	< 5	8	24	0.12	< 10	< 10	111	< 10	62
463808	205 238	1	0.01	7	1420	2	< 5	12	75	0.18	< 10	< 10	149	< 10	48
463809	205 238	7	0.03	11	1360	< 2	< 5	4	167	0.12	< 10	< 10	71	< 10	58
463810	205 238	3	0.02	13	1080	< 2	< 5	7	64	0.13	< 10	< 10	107	< 10	38
463811	205 238	11	0.01	6	< 10	< 2	< 5	1	2	< 0.01	< 10	< 10	< 1	< 10	46
463957	205 238	3	0.03	1	1670	4	< 5	7	14	0.31	< 10	< 10	125	< 10	72
463958	205 238	1	0.05	7	600	4	< 5	11	10	0.30	< 10	< 10	107	< 10	70
463959	205 238	5	0.02	14	1390	< 2	< 5	13	21	0.21	< 10	< 10	162	< 10	142
465516	205 238	3	0.09	8	1110	< 2	< 5	14	23	0.47	< 10	< 10	182	< 10	64
465517	205 238	11	0.03	2	900	< 2	< 5	12	13	0.35	< 10	< 10	176	< 10	64
465518	205 238	44	0.02	2	510	< 2	< 5	9	9	0.21	< 10	< 10	115	< 10	138
465519	205 238	51	0.02	6	860	< 2	< 5	11	13	0.29	< 10	< 10	176	< 10	146
465520	205 238	148	0.02	2	550	< 2	< 5	6	14	0.24	< 10	< 10	216	< 10	68
465521	205 238	10	0.05	1	1170	< 2	< 5	13	19	0.46	< 10	< 10	213	< 10	52
465522	205 238	10	0.07	3	1120	< 2	< 5	13	21	0.40	< 10	< 10	199	< 10	62

CERTIFICATION : B. Caplin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : TREK
Comments:

Date : 26-OCT-89
Invoice # : I-8928442
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8928442

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	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
463386	205 238	40	0.64	< 0.2	5	40	< 0.5	< 2	0.40	< 0.5	25	49	434	3.16	< 10	< 1	0.10	10	0.40	155
463387	205 238	190	2.67	< 0.2	10	10	< 0.5	2	1.05	< 0.5	32	16	1635	6.17	< 10	< 1	0.12	10	2.26	390
463388	205 238	35	3.34	< 0.2	< 5	100	< 0.5	4	1.89	< 0.5	35	60	78	6.97	< 10	< 1	1.70	10	2.25	545
463389	205 238	15	4.04	< 0.2	< 5	230	< 0.5	< 2	2.60	0.5	29	130	164	5.47	< 10	6	1.08	< 10	1.85	415
463390	205 238	50	2.92	7.6	370	30	< 0.5	6	1.51	>100.0	37	59	220	>15.00	< 10	6	0.81	10	0.77	1050
463391	205 238	35	2.50	5.2	60	40	< 0.5	4	1.20	93.0	30	101	165	10.10	< 10	< 1	0.71	10	0.77	1345
463392	205 238	225	0.12	156.5	40	40	< 0.5	18	7.40	>100.0	17	7	3000	6.84	< 10	24	0.02	< 10	3.03	>10000
463393	205 238	10	0.78	43.6	25	70	< 0.5	2	9.05	>100.0	18	48	219	4.09	< 10	307	0.29	< 10	1.33	>10000
463394	205 238	30	2.74	10.8	50	110	< 0.5	< 2	7.81	40.5	31	118	117	5.60	< 10	16	1.00	< 10	1.63	6650
463399	205 238	< 5	1.50	0.4	10	120	< 0.5	6	0.57	0.5	22	21	76	6.28	< 10	1	0.12	10	1.86	465
463400	205 238	5	2.02	0.4	5	70	< 0.5	4	0.83	0.5	27	25	150	5.75	< 10	< 1	0.11	10	2.38	615
463801	205 238	< 5	1.70	< 0.2	5	50	< 0.5	4	0.73	< 0.5	20	18	49	5.39	< 10	< 1	0.13	10	1.99	375
463802	205 238	15	1.40	< 0.2	< 5	110	< 0.5	2	1.48	< 0.5	24	24	48	5.10	< 10	< 1	0.25	10	1.64	365
463803	205 238	115	0.79	0.2	25	110	< 0.5	< 2	1.98	5.0	13	25	64	5.97	< 10	1	0.34	10	0.56	530
463804	205 238	80	1.80	0.8	55	70	< 0.5	< 2	2.23	13.0	24	46	214	7.81	< 10	3	0.32	< 10	1.79	825
465501	205 238	200	3.28	0.2	< 5	10	< 0.5	6	0.70	< 0.5	30	38	852	8.49	10	3	0.34	20	2.82	330
465502	205 238	1230	3.34	2.6	5	10	< 0.5	< 2	0.61	< 0.5	86	41	>10000	11.70	< 10	1	0.37	20	2.70	375
465503	205 238	1920	2.83	3.4	40	10	< 0.5	< 2	0.33	< 0.5	369	22	>10000	>15.00	< 10	< 1	0.38	10	1.87	310
465504	205 238	3420	2.56	11.8	10	10	< 0.5	< 2	0.45	0.5	312	23	>10000	>15.00	< 10	< 1	0.21	30	1.63	295
465505	205 238	260	3.17	< 0.2	< 5	10	< 0.5	2	0.63	< 0.5	32	42	1405	7.96	< 10	3	0.53	20	2.88	335
465506	205 238	970	3.26	6.4	75	20	< 0.5	2	0.83	0.5	21	40	1450	8.53	10	1	0.18	20	2.71	430
465507	205 238	80	2.95	< 0.2	< 5	30	< 0.5	4	0.88	0.5	15	40	161	5.90	< 10	< 1	0.11	10	2.49	450
465508	205 238	175	3.03	0.2	< 5	30	< 0.5	< 2	0.98	0.5	18	38	934	6.62	< 10	< 1	0.11	20	2.50	470
465509	205 238	325	3.39	0.6	< 5	10	< 0.5	< 2	0.48	< 0.5	56	41	3640	11.00	< 10	1	0.46	10	2.57	320
465510	205 238	255	3.11	< 0.2	5	20	< 0.5	< 2	0.24	< 0.5	18	31	2240	>15.00	< 10	3	0.28	20	1.57	230
465511	205 238	815	3.12	1.2	< 5	20	< 0.5	< 2	0.98	1.0	35	31	5810	8.29	< 10	3	0.23	20	2.37	505
465512	205 238	< 5	3.39	< 0.2	< 5	40	< 0.5	< 2	1.54	0.5	18	32	160	6.57	< 10	1	0.42	10	2.65	585
465513	205 238	470	3.00	2.2	< 5	30	< 0.5	< 2	1.04	1.0	52	36	>10000	8.57	< 10	3	0.57	10	2.43	410
465514	205 238	75	3.18	< 0.2	< 5	10	< 0.5	< 2	1.19	< 0.5	24	31	1185	6.70	< 10	4	0.21	10	2.73	420
465515	205 238	80	3.03	< 0.2	< 5	20	< 0.5	< 2	0.97	< 0.5	19	34	640	6.28	< 10	1	0.42	10	2.59	390

CERTIFICATION : B. Caglioni

Chemex Labs Ltd.
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To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments:

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CERTIFICATE OF ANALYSIS A8928442

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
463386	205 238	1	0.06	3	840	6	< 5	2	16	0.17	< 10	< 10	54	< 10	26
463387	205 238	25	0.08	6	990	2	< 5	7	25	0.40	< 10	< 10	149	< 10	60
463388	205 238	2	0.25	19	2120	6	< 5	13	158	0.28	< 10	< 10	232	< 10	68
463389	205 238	1	0.24	7	1450	2	< 5	9	1010	0.15	< 10	< 10	131	< 10	52
463390	205 238	5	0.06	12	1420	418	< 5	15	121	0.12	< 10	< 10	166	< 10	>10000
463391	205 238	8	0.05	6	1510	316	< 5	17	378	0.06	< 10	< 10	140	< 10	>10000
463392	205 238	26	0.01	1	220	>10000	40	1	122	< 0.01	< 10	< 10	< 1	60	>10000
463393	205 238	4	0.01	12	440	>10000	15	7	982	0.03	< 10	< 10	36	50	>10000
463394	205 238	1	0.15	4	820	4630	5	19	632	0.10	< 10	< 10	128	< 10	4130
463399	205 238	6	0.02	3	1400	60	< 5	8	23	0.16	< 10	< 10	129	< 10	194
463400	205 238	3	0.02	9	1430	46	< 5	9	35	0.16	< 10	< 10	123	< 10	196
463801	205 238	6	0.02	7	1460	2	< 5	7	34	0.15	< 10	< 10	98	< 10	78
463802	205 238	6	0.02	7	1210	12	< 5	7	36	0.08	< 10	< 10	88	< 10	104
463803	205 238	6	0.01	5	1260	84	< 5	2	41	0.01	< 10	< 10	23	< 10	716
463804	205 238	4	0.01	8	1350	892	< 5	9	48	0.07	< 10	< 10	87	< 10	1865
465501	205 238	16	0.03	4	690	10	< 5	8	20	0.41	< 10	< 10	196	< 10	84
465502	205 238	75	0.03	7	780	< 2	< 5	7	16	0.32	< 10	< 10	176	< 10	186
465503	205 238	345	0.01	12	600	< 2	< 5	5	9	0.15	< 10	< 10	131	< 10	156
465504	205 238	157	0.02	17	710	< 2	< 5	5	13	0.17	< 10	< 10	168	< 10	384
465505	205 238	14	0.03	5	740	4	< 5	7	18	0.41	< 10	< 10	185	< 10	64
465506	205 238	22	0.07	9	710	8	< 5	11	19	0.39	< 10	< 10	202	< 10	90
465507	205 238	2	0.06	12	750	18	< 5	9	27	0.41	< 10	< 10	179	< 10	128
465508	205 238	75	0.08	11	710	8	< 5	9	18	0.39	< 10	< 10	204	< 10	120
465509	205 238	115	0.02	8	650	< 2	< 5	7	13	0.33	< 10	< 10	182	< 10	90
465510	205 238	96	0.01	1	500	< 2	< 5	6	9	0.28	< 10	< 10	133	< 10	60
465511	205 238	26	0.08	6	660	26	< 5	8	20	0.32	< 10	< 10	152	< 10	140
465512	205 238	2	0.17	12	680	12	< 5	11	30	0.40	< 10	< 10	153	< 10	104
465513	205 238	16	0.11	10	610	< 2	< 5	11	18	0.38	< 10	< 10	154	< 10	138
465514	205 238	13	0.10	8	720	< 2	< 5	12	22	0.44	< 10	< 10	154	< 10	66
465515	205 238	3	0.10	7	660	< 2	< 5	11	16	0.39	< 10	< 10	163	< 10	54

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To : EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments:

Page No. : 1-A
Tot. Pages: 1
Date : 10-NOV-89
Invoice # : I-8929618
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8929618

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	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
459958	205	238	< 5	3.84	< 0.2	< 5	60	< 0.5	< 2	1.84	< 0.5	12	13	86	4.83	< 10	< 1	0.32	< 10	2.34	335

CERTIFICATION : B. Caughlin

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Page No. : 1-B
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Date : 10-NOV-89
Invoice # : I-8929618
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8929618

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
459958	205	238	< 1	0.03	9	2360	< 2	< 5	4	49	< 0.01	< 10	< 10	47	< 10	78

CERTIFICATION : B. Caughlin

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212 BROOKSBANK AVE., NORTH VANCOUVER,
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PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A8929365

Comments:

CERTIFICATE A8929365

EQUITY ENGINEERING LTD
PROJECT : TREK
P O # : LOR89-01

Samples submitted to our lab in Vancouver, BC.
This report was printed on 7-NOV-89.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
214	11	Received sample as pulp

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
301	7	Cu %: HClO4-HNO3 digestion	AAS	0.01	100.0
312	2	Pb %: HClO4-HNO3 digestion	AAS	0.01	100.0
316	4	Zn %: HClO4-HNO3 digestion	AAS	0.01	100.0
383	2	Ag oz/T	FA-GRAVIMETRIC	0.01	20.00

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Project : TREK
Comments:

Page No. : 1
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Date : 7-NOV-89
Invoice # : I-8929365
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8929365

SAMPLE DESCRIPTION	PREP CODE	Cu %	Pb %	Zn %	Ag FA oz/T
463398	214 --	1.20	-----	-----	-----
465518	214 --	1.04	-----	-----	-----
465519	214 --	1.06	-----	-----	-----
463390	214 --	-----	-----	2.83	-----
463391	214 --	-----	-----	1.49	-----
463392	214 --	-----	4.48	10.40	5.24
463393	214 --	-----	2.60	6.53	1.63
465502	214 --	1.04	-----	-----	-----
465503	214 --	1.25	-----		
465504	214 --	4.00	-----	-----	-----
465513	214 --	0.93	-----	-----	-----

CERTIFICATION : W. Stan Bruneau

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A8928419

Comments:

CERTIFICATE A8928419

EQUITY ENGINEERING LTD.

Project: TREK
P.O. # : LOR89-01

Samples submitted to our lab in Vancouver, BC.
This report was printed on 25-OCT-89.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	22	Dry, sieve -80 mesh; soil, sed.
298	22	ICP: Aqua regia digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	22	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
1005	22	Ag ppm: 9 element,soil and rock	ICP-AES	0.5	200
1929	22	Co ppm: 9 element, soil & rock	ICP-AES	1	10000
1931	22	Cu ppm: 9 element, soil & rock	ICP-AES	1	10000
1932	22	Fe %: 9 element, soil & rock	ICP-AES	0.01	15.00
1937	22	Mn ppm: 9 element, soil & rock	ICP-AES	5	10000
1938	22	Mo ppm: 9 element, soil & rock	ICP-AES	1	10000
1940	22	Ni ppm: 9 element, soil & rock	ICP-AES	1	10000
1004	22	Pb ppm: 9 element,soil and rock	ICP-AES	5	10000
1950	22	Zn ppm: 9 element, soil & rock	ICP-AES	2	10000

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207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : TREK
Comments:

Invoice Date: 25-OCT-89
Invoice No. : I-8928419
P.O. Number : LOR89-01

CERTIFICATE OF ANALYSIS A8928419

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
BL 1+12.5N	201	298	15	< 0.5	1	40	1.16	60	2	2	10	30
BL 1+37.5N	201	298	10	< 0.5	1	16	1.00	60	1	2	5	22
BL 1+62.5N	201	298	5	< 0.5	2	11	1.31	165	2	2	5	22
BL 1+87.5N	201	298	< 5	0.5	1	3	0.86	60	1	2	15	18
L1+00N 0+12.5E	201	298	< 5	< 0.5	2	31	1.31	85	2	3	10	26
L1+00N 0+37.5E	201	298	< 5	0.5	3	13	1.51	155	2	5	15	32
L1+00N 0+62.5E	201	298	< 5	< 0.5	1	4	0.89	80	1	1	5	20
L1+00N 0+87.5E	201	298	< 5	< 0.5	1	4	0.94	70	1	2	5	28
L1+25N 0+12.5E	201	298	< 5	< 0.5	1	8	0.69	60	4	2	5	20
L1+25N 0+25.0E	201	298	< 5	0.5	3	41	1.39	85	3	3	10	36
L1+25N 0+37.5E	201	298	20	< 0.5	3	42	1.72	145	2	3	15	34
L1+25N 0+50.0E	201	298	< 5	0.5	3	34	1.73	130	2	4	10	36
L1+25N 0+62.5E	201	298	< 5	< 0.5	2	7	1.22	225	1	3	5	34
L1+25N 0+75.0E	201	298	30	0.5	17	137	3.89	740	2	6	5	64
L1+25N 0+87.5E	201	298	< 5	< 0.5	2	10	0.85	80	1	3	5	32
L1+25N 1+00E	201	298	5	< 0.5	2	5	1.13	85	3	4	15	20
L1+25N 1+25E	201	298	< 5	< 0.5	1	2	0.86	60	1	2	5	18
L1+25N 1+50E	201	298	< 5	< 0.5	1	10	0.81	70	< 1	3	5	24
L1+25N 1+75E	201	298	< 5	< 0.5	2	4	1.11	75	1	2	15	16
L1+25N 2+00E	201	298	10	0.5	1	5	0.92	50	1	2	5	26
L1+25N 2+25E	201	298	< 5	< 0.5	1	2	0.60	50	2	2	5	22
L1+25N 2+50E	201	298	< 5	< 0.5	1	5	0.73	55	1	2	< 5	28

CERTIFICATION : B. Caughlin

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212 BROOKSBANK AVE., NORTH VANCOUVER,
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PHONE (604) 984-0221

To : EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : TREK
Comments: CC: EQUITY ENGINEERING LTD.

Page No. : 1
Tot. Pages: 5
Date : 18-OCT-89
Invoice # : I-8927659
P.O. # : LOR 89-1

CERTIFICATE OF ANALYSIS A8927659

CORRECTED COPY FOR SAMPLE DESCRIPTION

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
3+50E 3+50N	201	298	< 5	< 0.5	2	3	0.95	125	2	1	5	36
3+50E 3+75N	203	298	20	< 0.5	3	14	1.02	105	2	3	10	46
3+50N 0+25E	201	298	< 5	< 0.5	3	38	2.15	105	1	3	10	68
3+50N 0+75E	201	298	< 5	< 0.5	2	13	1.22	65	1	2	5	40
3+50N 1+00E	203	298	10	< 0.5	5	26	2.40	160	4	7	10	60
3+50N 1+25E	201	298	40	< 0.5	3	23	1.60	110	5	1	5	42
3+50N 1+37.5E	203	298	780	1.5	1	1030	>15.00	85	204	2	10	68
3+50N 1+50E	203	298	130	< 0.5	5	364	6.02	85	45	1	5	48
3+50N 1+67.5E	203	298	70	< 0.5	47	174	6.48	2190	6	11	70	204
3+50N 1+75E	203	298	< 5	< 0.5	4	16	1.46	200	2	3	10	52
3+50N 1+87.5E	203	298	< 5	< 0.5	18	75	4.75	2080	3	9	10	84
3+50N 2+00E	201	298	< 5	< 0.5	4	17	2.58	220	3	4	5	42
3+50N 2+25E	203	298	< 5	< 0.5	1	7	0.93	45	< 1	2	< 5	48
3+50N 2+50E	203	298	< 5	< 0.5	1	4	0.34	45	< 1	1	< 5	80
3+50N 2+75E	201	298	60	< 0.5	1	4	0.64	55	1	1	10	22
3+50N 3+00E	201	298	< 5	< 0.5	1	< 1	0.64	60	1	1	10	16
3+50N 3+25E	201	298	< 5	< 0.5	1	1	0.83	70	< 1	1	< 5	32
3+50N 3+75E	201	298	< 5	< 0.5	8	53	8.08	1020	6	11	25	84
3+50N 4+00E	203	298	< 5	2.5	2	30	1.47	60	1	3	5	56
3+75N 0+25E	201	298	< 5	< 0.5	25	199	4.69	1440	6	4	10	86
3+75N 0+50E	201	298	< 5	< 0.5	2	50	1.37	65	< 1	4	5	48
3+75N 0+75E	201	298	< 5	< 0.5	1	8	0.76	50	1	< 1	< 5	36
3+75N 1+00E	201	298	< 5	< 0.5	1	9	1.31	60	1	1	5	32
3+75N 1+25E	201	298	60	< 0.5	1	20	1.04	45	1	1	5	36
3+75N 1+37.5E	203	298	70	< 0.5	6	836	7.35	165	14	4	10	80
3+75N 1+50E	201	298	2740	2.0	< 1	2070	>15.00	70	118	< 1	< 5	60
3+75N 1+62.5E	203	298	100	< 0.5	30	900	8.20	1355	14	8	30	204
3+75N 1+87.5E	201	298	15	< 0.5	11	81	4.57	1080	2	8	10	106
3+75N 2+00E	201	298	30	< 0.5	13	68	5.79	875	1	8	15	96
3+75N 2+12.5E	201	298	10	< 0.5	4	40	2.88	235	< 1	4	5	72
3+75N 2+25E	201	298	90	0.5	27	90	5.00	1720	< 1	8	20	96
3+75N 2+37.5E	203	298	< 5	0.5	3	52	1.73	120	< 1	8	< 5	58
3+75N 2+50E	201	298	< 5	< 0.5	5	15	2.48	285	1	5	5	58
3+75N 2+75E	201	298	< 5	< 0.5	1	4	0.68	40	1	1	5	44
3+75N 3+00E	201	298	170	< 0.5	< 1	< 1	0.55	65	1	1	15	30
3+75N 3+25E	203	298	< 5	< 0.5	< 1	1	0.52	45	1	1	5	52
3+75N 3+75E	203	298	15	< 0.5	3	5	1.42	325	1	4	10	54
3+75N 4+00E	201	298	30	0.5	29	229	4.69	1750	< 1	26	40	236
3+75N 4+25E	203	298	5	2.0	2	44	1.65	90	4	4	15	78
13+00S 0+25W	201	298	105	< 0.5	40	1375	7.04	1110	3	21	< 5	254

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To : EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : TREK

Comments: CC: EQUITY ENGINEERING LTD.

Date :18-OCT-89
Invoice # :I-8927659
P.O. # :LOR 89-1

CERTIFICATE OF ANALYSIS A8927659

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
13+00S 0+50W	201	298	30	< 0.5	10	393	5.18	490	< 1	12	< 5	74
13+00S 0+75W	203	298	< 5	< 0.5	11	36	1.81	8830	3	4	5	70
13+00S 1+00W	201	298	< 5	< 0.5	1	41	1.58	120	2	2	5	38
13+00S 1+25W	201	298	< 5	< 0.5	13	33	6.40	1335	2	6	5	56
13+00S 1+50W	201	298	< 5	< 0.5	8	51	4.61	305	3	6	< 5	76
13+00S 1+75W	201	298	< 5	< 0.5	4	13	2.61	330	1	5	5	44
13+00S 2+00W	203	298	< 5	< 0.5	5	31	3.42	450	1	8	15	46
13+00S 2+25W	201	298	< 5	< 0.5	2	38	1.58	145	1	2	5	50
13+00S 2+50W	201	298	< 5	< 0.5	10	73	4.52	640	< 1	6	55	118
13+00S 2+75W	201	298	10	< 0.5	27	274	5.87	1555	< 1	53	15	132
13+00S 3+00W	201	298	20	< 0.5	51	438	8.53	1945	1	14	5	220
13+00S 3+25W	201	298	2160	59.5	69	552	8.19	3460	< 1	29	5230	8650
13+00S 3+50W	201	298	10	< 0.5	16	62	4.78	860	< 1	22	45	202
13+00S 3+75W	201	298	< 5	< 0.5	11	11	3.90	510	< 1	14	20	128
13+00S 4+00W	201	298	< 5	< 0.5	5	8	3.82	245	< 1	7	15	84
13+00S 4+25W	201	298	< 5	< 0.5	14	44	4.95	1260	< 1	11	5	246
13+00S 4+50W	201	298	< 5	< 0.5	26	133	5.59	1740	< 1	29	10	258
13+00S 4+75W	201	298	< 5	< 0.5	11	37	3.32	625	< 1	9	< 5	122
13+00S 5+00W	201	298	< 5	< 0.5	15	75	4.73	620	< 1	14	< 5	82
13+00S 5+25W	201	298	< 5	< 0.5	8	15	2.77	315	< 1	9	< 5	54
13+00S 5+50W	201	298	< 5	< 0.5	16	32	6.18	1000	< 1	13	< 5	84
L14S 0+25E	201	298	< 5	< 0.5	24	776	7.14	1370	1	21	< 5	124
L14S 0+50E	201	298	50	< 0.5	23	723	5.65	650	9	72	< 5	108
L14S 0+75E	201	298	20	< 0.5	38	871	5.31	980	< 1	83	20	168
L14S 1+00E	201	298	70	0.5	47	1895	9.10	2220	2	57	65	388
L14S 1+25E	201	298	70	< 0.5	31	1560	7.94	1385	< 1	43	65	216
L14S 1+50E	201	298	< 5	< 0.5	6	55	3.80	325	< 1	10	10	62
L14S 1+75E	203	298	< 5	< 0.5	3	6	1.40	165	2	4	< 5	60
L14S 2+00E	203	298	< 5	< 0.5	11	24	5.29	880	< 1	19	5	70
L14S 2+25E	201	298	< 5	< 0.5	8	122	5.61	590	< 1	16	10	76
L14S 2+50E	201	298	55	< 0.5	17	869	5.42	785	< 1	33	10	184
L14S 2+75E	201	298	< 5	< 0.5	11	61	5.22	645	< 1	34	< 5	74
L14S 3+00E	201	298	370	0.5	73	583	6.27	1345	14	156	< 5	140
L14S 3+25E	201	298	45	< 0.5	15	122	5.16	1100	2	5	< 5	82
L14S 3+50E	201	298	330	< 0.5	7	90	5.27	555	20	3	10	80
L14S B/L	201	298	25	< 0.5	39	407	6.78	1775	1	14	< 5	140
L14S 0+25W	201	298	< 5	< 0.5	32	266	6.97	1020	< 1	11	< 5	92
L14S 0+50W	201	298	< 5	< 0.5	13	88	5.75	690	< 1	7	< 5	52
L14S 0+75W	201	298	< 5	< 0.5	26	100	5.20	1540	< 1	62	5	124
L14S 1+00W	201	298	10	< 0.5	18	93	3.88	1070	1	8	< 5	48

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
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To : EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
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V6B 1N2
Project : TREK
Comments: CC: EQUITY ENGINEERING LTD.

Date : 18-OCT-89
Invoice # : I-8927659
P.O. # : LOR 89-1

CERTIFICATE OF ANALYSIS A8927659

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
L14S 1+25W	201	298	30	< 0.5	40	401	6.44	955	< 1	24	5	88
L14S 1+50W	203	298	95	< 0.5	80	1045	9.03	595	6	7	< 5	46
L14S 1+75W	201	298	10	< 0.5	16	154	5.90	1285	< 1	22	10	186
L14S 2+00W	201	298	20	< 0.5	21	362	7.40	1235	< 1	12	5	120
L14S 2+25W	201	298	15	< 0.5	25	167	7.60	1020	< 1	32	< 5	74
L14S 2+50W	201	298	5	< 0.5	23	49	5.84	970	< 1	26	< 5	78
L14S 2+75W	201	298	10	< 0.5	26	166	5.78	1265	< 1	27	< 5	130
L14S 3+00W	201	298	< 5	< 0.5	29	56	5.76	1720	< 1	47	< 5	142
L14S 3+25W	201	298	< 5	< 0.5	15	98	4.45	905	4	8	10	204
L14S 3+50W	201	298	15	< 0.5	8	68	4.45	295	< 1	5	5	56
L14S 3+75W	201	298	< 5	< 0.5	23	123	5.41	1205	< 1	35	5	166
L14S 4+00W	201	298	10	< 0.5	13	50	5.04	850	< 1	13	< 5	78
L14S 4+25W	201	298	< 5	< 0.5	14	122	5.45	740	< 1	15	10	102
L14S 4+50W	201	298	< 5	< 0.5	17	120	4.89	1180	< 1	9	< 5	82
L14S 4+75W	201	298	< 5	< 0.5	24	169	6.08	1495	< 1	19	< 5	106
L14S 5+00W	201	298	< 5	< 0.5	7	8	2.94	495	1	8	< 5	50
L15S 0+25W	201	298	10	< 0.5	26	296	5.21	985	< 1	19	5	106
L15S 0+50W	201	298	< 5	< 0.5	5	56	2.77	230	1	10	5	56
L15S 0+75W	203	298	10	< 0.5	17	139	6.49	955	< 1	5	< 5	64
L15S 1+00W	201	298	25	< 0.5	11	43	5.17	480	< 1	13	5	62
L15S 1+25W	201	298	< 5	< 0.5	19	92	4.77	1220	< 1	29	< 5	116
L15S 1+50W	201	298	< 5	< 0.5	6	32	2.75	300	< 1	8	5	70
L15S 1+75W	201	298	< 5	< 0.5	14	79	3.88	665	< 1	19	< 5	102
L15S 2+00W	201	298	< 5	< 0.5	18	151	5.06	750	< 1	8	< 5	118
L15S 2+25W	201	298	< 5	< 0.5	12	37	4.58	785	< 1	18	5	76
L15S 2+50W	201	298	< 5	< 0.5	21	124	4.66	1160	< 1	26	< 5	144
L15S 2+75W	201	298	< 5	< 0.5	17	62	3.94	900	< 1	23	5	108
L15S 3+00W	201	298	< 5	< 0.5	24	80	5.49	795	< 1	25	< 5	156
L15S 3+25W	201	298	< 5	< 0.5	24	156	5.57	1630	< 1	14	< 5	162
L15S 3+50W	201	298	< 5	< 0.5	26	100	5.17	1325	< 1	20	< 5	152
L15S 3+75W	201	298	< 5	< 0.5	11	43	4.40	405	< 1	19	5	98
L15S 4+00W	201	298	< 5	< 0.5	33	92	8.12	2180	< 1	26	< 5	118
L15S 4+25W	201	298	60	< 0.5	16	85	4.50	1125	< 1	22	10	202
L15S 4+75W	201	298	20	< 0.5	16	83	3.60	1315	1	35	< 5	96
L15S 5+00W	201	298	< 5	< 0.5	6	9	2.60	265	1	8	5	52
L16S 0+25E	201	298	5	< 0.5	10	36	4.13	990	< 1	15	5	80
L16S 0+50E	201	298	< 5	< 0.5	12	36	5.37	810	< 1	18	< 5	92
L16S 0+75E	201	298	< 5	< 0.5	28	97	6.10	1180	< 1	41	< 5	146
L16S 1+00E	201	298	40	< 0.5	60	137	7.42	1290	< 1	39	< 5	84
L16S 1+25E	201	298	< 5	< 0.5	30	136	6.59	855	< 1	25	< 5	84

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To : EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments: CC: EQUITY ENGINEERING LTD.

Date :18-OCT-89
Invoice # :I-8927659
P.O. # :LOR 89-1

CERTIFICATE OF ANALYSIS A8927659

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
L16S 1+50E	201	298	< 5	< 0.5	17	57	4.48	980	< 1	31	< 5	78
L16S 1+75E	201	298	< 5	< 0.5	19	159	5.33	515	< 1	27	< 5	86
L16S 2+00E	201	298	15	< 0.5	20	645	5.59	1115	3	10	< 5	92
L16S 2+25E	201	298	40	< 0.5	14	489	7.36	995	< 1	8	< 5	114
L16S 2+50E	201	298	105	0.5	17	1275	6.34	2720	2	9	5	88
L16S 2+75E	201	298	20	1.5	8	123	3.96	655	1	13	5	72
L16S 3+00E	201	298	240	0.5	12	602	6.20	1555	4	11	10	78
L16S 3+25E	201	298	1550	9.0	35	9950	11.60	>10000	10	20	5	360
L16S 3+50E	201	298	3390	21.5	41	>10000	12.15	>10000	10	18	10	428
L16S 3+75E	201	298	3520	6.5	36	3380	9.35	7590	31	16	65	648
L16S 4+00E	201	298	180	0.5	48	3110	7.13	1195	< 1	41	< 5	124
L16S 4+25E	203	298	10	< 0.5	11	73	6.94	1500	2	7	5	68
L16S 4+50E	201	298	20	< 0.5	10	53	6.40	2400	5	7	10	88
L16S 4+75E	201	298	70	< 0.5	8	117	4.96	855	4	7	20	106
L16S B/L W	201	298	45	< 0.5	10	48	3.87	595	< 1	13	10	90
L16S 0+25W	201	298	25	< 0.5	45	1175	7.74	6450	< 1	22	5	168
L16S 0+50W	217	298	< 5	< 0.5	16	73	4.51	1195	< 1	22	5	130
L16S 0+75W	201	298	< 5	< 0.5	15	55	3.50	775	< 1	13	< 5	88
L16S 1+00W	201	298	< 5	5.0	15	79	4.47	985	< 1	26	5	108
L16S 1+25W	201	298	< 5	< 0.5	9	30	3.39	390	1	10	5	52
L16S 1+50W	201	298	< 5	< 0.5	26	30	3.99	2360	< 1	20	< 5	126
L16S 1+75W	201	298	< 5	< 0.5	7	13	3.32	555	< 1	7	5	64
L16S 2+00W	201	298	20	< 0.5	25	206	5.37	1940	< 1	35	45	254
L16S 2+50W	201	298	< 5	< 0.5	20	55	4.16	865	< 1	16	< 5	132
L16S 2+75W	201	298	< 5	< 0.5	12	32	4.71	1025	< 1	12	10	92
L16S 3+00W	217	298	20	< 0.5	20	49	3.95	905	< 1	19	5	116
L16S 3+25W	201	298	< 5	< 0.5	15	29	4.01	925	< 1	12	5	104
L16S 3+50W	201	298	< 5	< 0.5	34	108	6.07	1625	< 1	16	5	196
L16S 3+75W	201	298	< 5	< 0.5	33	238	5.50	1305	< 1	17	< 5	178
L16S 4+00W	201	298	< 5	< 0.5	28	126	5.91	1320	< 1	30	5	124
L16S 4+25W	201	298	< 5	< 0.5	28	65	6.19	1680	< 1	27	5	106
L16S 4+50W	201	298	< 5	< 0.5	11	47	4.19	870	< 1	16	5	88
L16S 4+75W	201	298	< 5	< 0.5	19	18	6.19	1070	< 1	8	< 5	86
L16S 5+00W	201	298	< 5	< 0.5	23	140	5.85	1610	< 1	25	20	152
L16S 5+25W	201	298	< 5	< 0.5	28	86	6.59	940	< 1	32	< 5	106
L17S 0+25E	201	298	< 5	< 0.5	22	105	4.91	1655	< 1	35	15	158
L17S 0+50E	201	298	10	< 0.5	22	194	6.52	5000	< 1	16	5	136
L17S 0+75E	201	298	< 5	< 0.5	39	220	7.92	1770	< 1	18	< 5	180
L17S 1+00E	201	298	< 5	< 0.5	17	179	6.16	1650	< 1	13	< 5	72
L17S 1+25E	201	298	10	< 0.5	27	44	5.24	3120	2	7	15	70

CERTIFICATION : B. Caughlin

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212 BROOKSBANK AVE., NORTH VANCOUVER,
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PHONE (604) 984-0221

To : EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments: CC: EQUITY ENGINEERING LTD.

Date : 18-OCT-89
Invoice # : I-8927659
P.O. # : LOR 89-1

CERTIFICATE OF ANALYSIS A8927659

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
L17S 1+50E	201	298	35	< 0.5	24	227	6.74	875	< 1	14	15	140
L17S 1+75E	201	298	< 5	< 0.5	10	37	8.22	775	< 1	9	15	116
L17S 2+00E	201	298	80	< 0.5	29	72	10.00	1110	< 1	24	< 5	88
L17S 2+25E	201	298	< 5	< 0.5	16	56	5.74	800	< 1	22	< 5	82
L17S 2+50E	201	298	40	< 0.5	21	937	5.35	975	< 1	18	< 5	96
L17S 0+25W	201	298	< 5	< 0.5	10	40	4.01	595	1	13	10	88
L17S 0+50W	201	298	< 5	< 0.5	16	56	4.30	975	< 1	24	5	138
L17S 0+75W	201	298	< 5	< 0.5	16	37	3.81	785	< 1	18	5	134
L17S 1+00W	201	298	< 5	< 0.5	25	624	6.41	1985	< 1	20	< 5	218
L17S 1+25W	201	298	< 5	< 0.5	23	26	4.01	1100	< 1	11	< 5	170
L17S 1+50W	201	298	< 5	< 0.5	8	26	2.69	255	< 1	4	5	64
L17S 1+75W	201	298	< 5	< 0.5	27	156	5.21	1400	< 1	14	< 5	140
L17S 2+00W	201	298	< 5	< 0.5	22	44	4.65	770	< 1	11	< 5	126
L17S 2+25W	201	298	< 5	< 0.5	13	18	3.92	2020	2	8	5	58
L17S 2+50W	201	298	< 5	< 0.5	17	44	5.59	1270	< 1	11	25	158
L17S 2+75W	201	298	< 5	< 0.5	22	32	4.93	690	< 1	14	< 5	154
L17S 3+00W	201	298	< 5	< 0.5	22	107	4.67	1045	< 1	18	< 5	136
L17S 3+25W	201	298	< 5	< 0.5	14	34	4.83	945	< 1	26	10	98
L17S 3+50W	201	298	< 5	< 0.5	25	84	5.33	1070	< 1	10	< 5	120
BL 14+25S	201	298	< 5	< 0.5	33	452	7.15	1205	< 1	16	< 5	152
BL 14+50S	201	298	< 5	< 0.5	22	103	5.18	1530	< 1	41	5	172
BL 14+75S	201	298	< 5	< 0.5	4	25	2.50	445	2	6	5	48
BL 15+00S	201	298	< 5	< 0.5	11	41	[illegible]	[illegible]	[illegible]	17	5	92
BL 15+25S	201	298	< 5	< 0.5	10	45	4.34	705	1	11	10	68
BL 15+50S	201	298	< 5	< 0.5	8	27	4.69	430	< 1	9	10	82
BL 15+75S	201	298	< 5	< 0.5	13	47	4.72	980	< 1	10	5	140

CERTIFICATION : B. Caughlin

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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments: CC: EQUITY ENGINEERING LTD.

Date : 22-OCT-89
Invoice # : I-8928014
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8928014

CORRECTED COPY FOR SAMPLE DESCRIPTION

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
2+75N 0+25E	201	298	< 5	< 0.5	1	6	0.96	70	1	1	5	32
2+75N 0+50E	201	298	25	< 0.5	5	33	1.80	135	2	5	10	48
2+75N 0+75E	201	298	< 5	< 0.5	1	3	0.84	55	2	2	< 5	32
2+75N 1+00E	201	298	85	< 0.5	1	3	0.93	90	2	2	< 5	30
2+75N 1+12.5E	201	298	140	< 0.5	< 1	5	0.62	55	2	1	< 5	20
2+75N 1+25E	203	298	200	< 0.5	160	2220	>15.00	655	49	38	20	300
2+75N 1+37.5E	203	298	< 5	< 0.5	6	59	2.84	230	2	3	20	88
2+75N 1+50E	201	298	< 5	< 0.5	2	15	1.03	95	2	2	< 5	34
2+75N 1+62.5E	201	298	20	< 0.5	1	9	1.33	110	2	1	15	30
2+75N 1+75E	201	298	10	< 0.5	3	29	4.63	175	3	7	10	64
2+75N 2+00E	201	298	< 5	< 0.5	4	15	2.78	290	2	5	10	58
2+75N 2+25E	201	298	< 5	< 0.5	2	12	3.61	120	4	3	20	44
2+75N 2+50E	201	298	20	< 0.5	1	< 1	0.95	60	3	2	10	26
2+75N 2+75E	201	298	< 5	< 0.5	< 1	< 1	0.61	85	2	1	5	24
2+75N 3+00E	203	298	5	< 0.5	6	55	1.63	165	3	5	10	56
2+75N 3+25E	201	298	< 5	< 0.5	3	14	2.06	220	3	4	10	52
2+75N 3+50E	201	298	< 5	< 0.5	1	9	1.41	130	2	2	10	32
4+75N 0+25E	201	298	< 5	< 0.5	17	395	2.26	1055	5	7	5	62
4+75N 0+50E	201	298	< 5	< 0.5	3	135	3.95	185	4	4	5	58
4+75N 0+75E	201	298	< 5	< 0.5	2	87	4.00	145	5	3	5	54
4+75N 1+00E	201	298	< 5	< 0.5	22	468	3.68	950	5	6	10	88
4+75N 1+25E	201	298	40	< 0.5	3	31	5.23	155	5	6	25	52
4+75N 1+50E	201	298	220	0.5	15	1335	6.56	460	26	6	10	112
4+75N 1+75E	203	298	30	< 0.5	57	675	4.21	1115	3	10	15	202
4+75N 2+00E	201	298	15	0.5	4	54	4.18	125	3	2	20	50
4+75N 2+12.5E	201	298	30	0.5	20	62	6.29	3130	1	5	15	106
4+75N 2+25E	201	298	< 5	< 0.5	4	30	3.98	275	2	4	20	64
4+75N 2+37.5E	201	298	< 5	< 0.5	1	11	1.06	95	1	2	5	26
4+75N 2+50E	201	298	30	1.0	2	58	9.64	200	2	3	40	82
4+75N 2+62.5E	201	298	20	3.5	[illegible]	[illegible]	[illegible]	[illegible]	4	2	20	56
4+75N 2+75E	201	298	15	1.0	4	86	8.64	220	4	5	30	66
4+75N 2+87.5E	201	298	< 5	0.5	3	19	4.04	170	4	3	40	48
4+75N 3+00E	201	298	10	0.5	2	19	2.08	130	2	2	15	34
4+75N 3+12.5E	201	298	145	< 0.5	6	62	3.99	330	7	6	35	94
4+75N 3+25E	201	298	< 5	2.0	2	16	2.05	100	3	3	15	36
4+75N 3+50E	201	298	< 5	1.5	2	51	10.15	570	< 1	4	20	72
4+75N 3+75E	201	298	< 5	1.0	6	84	6.51	270	1	5	20	66
5+00N 1+12.5E	201	298	45	0.5	2	10	1.47	85	1	2	< 5	26
5+00N 1+37.5E	201	298	15	0.5	2	12	1.41	100	1	3	15	28
5+00N 1+62.5E	201	298	115	< 0.5	24	1245	6.17	480	16	9	10	156

CERTIFICATION : B. Caplin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments: CC: EQUITY ENGINEERING LTD.

Date :22-OCT-89
Invoice # :I-8928014
P.O. # :LOR89-01

CERTIFICATE OF ANALYSIS A8928014

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
5+00N 1+87.5E	201	298	< 5	< 0.5	6	49	5.96	145	4	9	20	56
5+25N 0+25E	201	298	< 5	< 0.5	2	7	1.55	90	2	2	5	26
5+25N 0+50E	201	298	< 5	< 0.5	2	6	1.43	75	1	2	5	22
5+25N 0+75E	201	298	10	< 0.5	1	2	0.72	40	2	1	10	10
5+25N 1+00E	201	298	< 5	< 0.5	1	1	0.82	60	1	1	10	14
5+25N 1+12.5E	201	298	5	< 0.5	3	17	2.84	165	3	3	10	38
5+25N 1+25E	201	298	30	< 0.5	1	4	0.73	50	2	1	5	18
5+25N 1+37.5E	201	298	180	1.0	19	1510	4.26	295	9	5	15	1[illegible]
5+25N 1+50E	201	298	15	1.0	4	50	2.20	120	1	3	5	38
5+25N 1+62.5E	201	298	< 5	0.5	5	49	7.03	230	4	4	20	92
5+25N 1+75E	201	298	< 5	0.5	3	57	3.48	150	1	3	5	44
5+25N 1+82.5E	201	298	< 5	< 0.5	5	36	3.40	115	8	3	20	42
5+25N 2+00N	201	298	30	0.5	44	492	4.25	835	1	8	10	152
5+25N 2+25E	201	298	< 5	< 0.5	6	32	3.06	235	2	4	10	58
5+25N 2+50E	201	298	< 5	1.0	3	26	2.00	140	2	3	10	36
5+25N 2+75E	201	298	< 5	0.5	3	12	2.02	125	1	2	10	32
5+25N 3+00E	201	298	30	< 0.5	1	5	0.85	80	< 1	1	5	24
5+25N 3+25E	201	298	20	0.5	4	30	3.86	110	3	7	20	50
5+25N 3+50E	201	298	< 5	1.5	5	35	4.98	225	2	5	35	84
5+25N 3+75E	201	298	15	0.5	3	18	1.94	55	1	1	10	[illegible]
5+25N 4+00E	201	298	20	< 0.5	8	262	10.20	425	< 1	7	25	78
5+25N 4+25E	201	298	20	< 0.5	15	187	14.60	845	< 1	5	10	80
5+50N 0+25E	201	298	< 5	< 0.5	1	11	0.90	75	< 1	< 1	5	[illegible]
5+50N 0+50E	201	298	< 5	< 0.5	5	96	3.35	150	5	3	10	72
5+50N 0+75E	201	298	< 5	< 0.5	1	4	0.63	60	< 1	1	5	30
5+50N 1+00E	201	298	< 5	< 0.5	2	10	0.87	75	1	< 1	5	30
5+50N 1+12.5E	201	298	< 5	< 0.5	47	492	5.96	975	< 1	23	40	244
5+50N 1+25E	201	298	45	< 0.5	3	17	1.64	105	3	2	[illegible]	[illegible]
5+50N 1+37.5E	201	298	65	< 0.5	142	2540	3.82	1175	9	11	10	256
5+50N 1+50E	201	298	< 5	< 0.5	3	31	1.19	130	1	1	5	30
5+50N 1+62.5E	201	298	15	< 0.5	5	52	5.77	185	7	3	20	76
5+50N 1+75E	201	298	45	0.5	59	1370	4.33	855	6	9	15	228
5+50N 1+87.5E	201	298	210	6.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5+50N 2+00E	201	298	< 5	< 0.5	18	155	6.83	1030	< 1	7	10	152
5+50N 2+25E	201	298	< 5	1.0	15	128	4.27	1100	1	9	20	184
5+50N 2+50E	201	298	45	2.0	8	47	3.46	315	1	7	20	102
5+50N 2+75E	201	298	< 5	< 0.5	3	11	1.28	165	< 1	5	5	58
5+50N 3+00E	201	298	< 5	< 0.5	2	13	2.78	200	2	3	5	30
5+50N 3+25E	201	298	< 5	0.5	4	29	4.32	115	2	4	15	46
5+50N 3+50E	201	298	< 5	< 0.5	6	43	5.46	140	3	2	10	50

CERTIFICATION : B. Caughlin

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Date : 22-OCT-89
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CERTIFICATE OF ANALYSIS A8928014

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
5+50N 3+75E	201	298	95	< 0.5	21	135	>15.00	625	3	8	20	74
5+50N 4+00E	201	298	230	0.5	49	362	>15.00	1825	< 1	14	480	720
5+50N 4+25E	201	298	115	< 0.5	16	412	13.20	590	7	7	25	92
600M 7+75W	201	298	5	< 0.5	4	27	3.39	320	1	5	< 5	54
600M 8+00W	201	298	< 5	< 0.5	8	15	2.80	570	4	8	10	78
600M 8+25W	201	298	< 5	< 0.5	5	121	3.58	195	3	8	15	62
600M 8+50W	201	298	< 5	< 0.5	5	27	3.67	350	3	9	10	76
600M 8+75W	201	298	< 5	0.5	3	24	2.81	180	2	2	5	46
600M 9+00W	201	298	< 5	1.0	3	103	2.32	225	1	6	5	62
600M 9+25W	201	298	< 5	< 0.5	7	24	4.90	310	< 1	20	25	66
600M 9+50W	201	298	< 5	< 0.5	15	47	7.47	695	< 1	37	10	118
600M 9+75W	201	298	< 5	< 0.5	7	58	5.49	570	1	10	15	58
600M 10+00W	201	298	< 5	< 0.5	9	66	6.56	605	< 1	12	10	74
600M 10+25W	201	298	< 5	< 0.5	5	34	3.46	195	< 1	6	10	50
600M 10+50W	201	298	< 5	< 0.5	4	28	3.33	160	1	4	10	44
600M 10+75W	201	298	< 5	0.5	10	64	6.38	640	< 1	11	10	80
600M 11+00W	201	298	< 5	0.5	2	5	1.22	120	1	9	< 5	54
600M 11+25W	201	298	< 5	< 0.5	2	10	1.54	255	1	2	5	42
600M 11+50W	201	298	2550	3.5	19	359	>15.00	3270	4	< 1	430	1240
600M 11+75W	201	298	< 5	< 0.5	9	50	7.50	1800	5	3	15	82
600M 12+00W	201	298	5	< 0.5	6	25	3.04	820	1	2	< 5	54
600M 12+25W	201	298	< 5	< 0.5	9	62	4.89	1540	1	2	10	76
600M 12+50W	201	298	< 5	< 0.5	1	3	0.88	105	1	< 1	10	24
600M 12+75W	201	298	< 5	< 0.5	6	53	10.75	255	1	3	25	72
600M 13+00W	201	298	< 5	< 0.5	8	61	9.17	185	1	5	25	66
600M 13+25W	201	298	< 5	0.5	9	74	8.16	290	< 1	5	20	76
600M 13+50W	201	298	< 5	0.5	7	64	6.01	250	2	6	10	78
600M 13+75W	201	298	< 5	0.5	4	24	5.55	185	1	2	10	54
600M 14+00W	201	298	< 5	< 0.5	5	25	4.22	155	< 1	2	10	42
600M 14+25W	201	298	< 5	< 0.5	8	50	6.47	340	1	8	10	78
600M 14+50W	201	298	< 5	< 0.5	4	23	7.36	205	1	6	15	50
650M 0+00W	201	298	< 5	0.5	1	40	1.14	135	3	4	< 5	66
650M 0+25W	201	298	< 5	< 0.5	10	86	4.47	510	< 1	16	10	64
650M 0+50W	201	298	< 5	< 0.5	16	165	4.05	1085	< 1	18	10	68
650M 0+75W	201	298	10	< 0.5	4	28	1.33	180	1	5	< 5	60
650M 1+00W	201	298	< 5	< 0.5	2	12	1.31	55	2	3	15	40
650M 1+25W	201	298	< 5	< 0.5	4	7	2.11	125	2	6	20	164
650M 2+00W	201	298	< 5	< 0.5	3	14	1.60	375	< 1	10	5	264
650M 2+25W	201	298	< 5	0.5	5	44	4.53	280	1	7	10	48
650M 2+50W	201	298	< 5	< 0.5	14	279	3.21	1180	1	15	10	128

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments: CC: EQUITY ENGINEERING LTD.

Date :22-OCT-89
Invoice # :I-8928014
P.O. # :LOR89-01

CERTIFICATE OF ANALYSIS A8928014

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
650M 2+75W	201	298	< 5	< 0.5	15	148	4.00	1010	2	14	15	142
650M 3+00W	201	298	5	< 0.5	6	25	3.21	410	3	17	10	100
650M 3+25W	201	298	< 5	< 0.5	8	49	2.55	1755	1	16	5	120
650M 3+50W	201	298	< 5	< 0.5	12	53	5.24	795	1	29	5	98
650M 3+75W	201	298	< 5	< 0.5	13	37	4.04	1920	< 1	39	5	212
650M 4+00W	201	298	< 5	< 0.5	1	3	1.10	105	< 1	3	< 5	24
650M 4+25W	201	298	< 5	< 0.5	16	40	4.60	1220	< 1	48	5	128
650M 4+50W	201	298	< 5	0.5	3	34	1.43	95	2	9	< 5	48
650M 4+75W	201	298	50	< 0.5	3	49	3.86	110	1	16	5	28
650M 5+25W	201	298	< 5	0.5	5	27	3.38	425	3	9	10	44
650M 5+50W	201	298	45	< 0.5	8	48	4.36	545	< 1	19	5	62
650M 5+75W	201	298	< 5	< 0.5	1	10	1.26	80	< 1	3	5	14
650M 6+00W	201	298	< 5	0.5	7	50	4.07	1085	< 1	13	5	60
650M 6+25W	201	298	< 5	< 0.5	5	29	4.05	405	1	10	10	32
650M 6+50W	201	298	< 5	< 0.5	14	46	4.20	1375	< 1	11	10	44
650M 6+75W	201	298	< 5	< 0.5	2	9	1.17	90	< 1	2	5	18
650M 7+00W	201	298	< 5	< 0.5	11	61	5.50	500	< 1	13	< 5	48
650M 7+25W	217	298	< 5	0.5	2	32	0.37	35	1	7	5	14
650M 7+50W	201	298	< 5	0.5	6	37	2.80	625	1	5	10	64
650M 7+75W	203	298	< 5	< 0.5	2	13	2.57	210	< 1	1	5	28
650M 8+00W	201	298	< 5	< 0.5	5	24	4.19	295	< 1	7	10	56
650M 8+25W	217	298	< 5	0.5	6	12	2.29	325	< 1	5	5	36
650M 8+50W	201	298	< 5	< 0.5	2	8	2.92	130	< 1	1	5	18
650M 8+75W	217	298	< 5	< 0.5	1	7	0.65	60	< 1	1	5	16
650M 9+00W	201	298	60	< 0.5	3	6	1.03	100	< 1	< 1	5	28
650M 9+25W	201	298	< 5	< 0.5	1	2	0.75	140	1	1	10	24
650M 9+50W	201	298	< 5	< 0.5	1	2	0.79	145	1	< 1	10	22
650M 9+75W	201	298	5	< 0.5	1	4	2.18	95	< 1	< 1	5	16
650M 10+00W	201	298	< 5	< 0.5	2	7	3.04	140	< 1	< 1	5	22
650M 10+25W	201	298	< 5	< 0.5	8	117	3.58	1780	< 1	8	< 5	88
650M 10+50W	201	298	< 5	< 0.5	8	117	3.48	1800	< 1	9	< 5	112
650M 10+75W	203	298	< 5	< 0.5	19	82	4.97	1220	< 1	38	5	180
650M 11+00W	203	298	< 5	< 0.5	18	83	4.74	1150	< 1	36	10	158
650M 11+25W	203	298	10	< 0.5	18	80	4.55	1105	< 1	35	10	154
650M 11+50W	201	298	< 5	< 0.5	18	86	5.03	755	< 1	17	5	88
650M 11+75W	201	298	< 5	< 0.5	16	81	5.35	695	< 1	17	5	94
650M 12+00W	201	298	< 5	< 0.5	17	85	5.60	680	< 1	16	< 5	86
700M 0+00W	203	298	< 5	< 0.5	12	403	2.24	1010	3	10	5	146
700M 0+25W	217	298	< 5	< 0.5	4	20	1.73	195	< 1	4	< 5	54
700M 0+50W	217	298	< 5	< 0.5	1	3	0.67	65	1	1	< 5	44

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments: CC: EQUITY ENGINEERING LTD.

Date : 22-OCT-89
Invoice # : I-8928014
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8928014

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
700M 0+75W	217	298	< 5	< 0.5	1	12	0.81	50	< 1	3	5	38
700M 1+00W	201	298	< 5	< 0.5	4	32	5.72	250	< 1	3	< 5	50
700M 1+25W	201	298	< 5	< 0.5	1	6	1.09	75	1	3	5	22
700M 1+50W	201	298	< 5	0.5	1	4	0.58	80	< 1	1	5	26
700M 1+75W	201	298	< 5	< 0.5	5	24	2.89	325	1	6	5	48
700M 2+00W	201	298	< 5	0.5	3	42	3.20	200	3	4	10	48
700M 2+25W	201	298	< 5	< 0.5	1	3	0.94	85	< 1	1	5	20
700M 3+75W	201	298	< 5	< 0.5	3	7	1.30	165	< 1	3	< 5	34
700M 4+00W	201	298	< 5	< 0.5	1	1	0.92	105	1	1	< 5	28
700M 4+25W	201	298	< 5	< 0.5	3	23	2.98	380	3	3	< 5	48
700M 4+50W	203	298	< 5	< 0.5	2	17	1.50	155	< 1	7	< 5	44
700M 4+75W	203	298	5	< 0.5	9	34	5.29	610	< 1	12	5	60
L15S 0+25E	201	298	10	< 0.5	17	349	4.69	1405	6	10	10	122
L15S 0+50E	201	298	< 5	< 0.5	11	89	4.48	1680	1	4	10	74
L15S 0+75E	201	298	65	0.5	27	1815	6.79	1470	1	15	10	202
L15S 1+00E	201	298	5	< 0.5	15	308	5.51	830	1	25	5	122
L15S 1+25E	201	298	50	1.0	13	882	5.56	1510	< 1	9	10	248
L15S 1+50E	201	298	210	3.0	19	1795	8.13	2680	< 1	39	15	256
L15S 1+75E	201	298	120	2.5	27	2130	6.90	1745	3	26	30	328
L15S 2+00E	201	298	35	0.5	15	1190	7.02	1655	5	26	5	104
L15S 2+25E	201	298	140	1.0	6	1180	8.17	525	9	6	10	74
L15S 2+50E	201	298	145	1.0	8	1200	6.80	480	23	16	5	64
L15S 2+75E	201	298	85	< 0.5	8	186	6.37	1275	3	9	15	106
L15S 3+00E	201	298	350	< 0.5	6	186	7.89	625	189	7	< 5	72
L15S 3+25E	201	298	1310	< 0.5	2	120	10.30	470	14	3	5	72
L17S 3+50E	201	298	55	< 0.5	12	191	4.51	715	15	17	10	118
L17S 3+75E	201	298	345	2.0	28	1205	6.97	1280	25	18	45	174
L17S 4+00E	201	298	605	2.0	13	1245	6.41	1105	6	10	5	104
L17S 4+25E	201	298	305	1.5	19	3860	8.44	3200	2	36	< 5	222
L17S 4+50E	201	298	305	1.5	31	1290	13.20	2510	6	20	< 5	74
L18S 0+25E	201	298	< 5	< 0.5	11	82	3.68	715	< 1	12	5	96
L18S 0+50E	201	298	10	< 0.5	16	127	4.59	840	< 1	21	5	152
L18S 0+75E	201	298	< 5	< 0.5	13	44	4.25	880	< 1	12	5	148
L18S 1+00E	201	298	10	< 0.5	34	46	5.17	2690	< 1	15	85	988
L18S 1+25E	201	298	5	< 0.5	31	41	5.74	555	< 1	7	< 5	84
L18S 1+50E	201	298	10	< 0.5	10	69	5.91	650	1	17	< 5	74
L18S 1+75E	201	298	10	< 0.5	30	415	9.57	1025	< 1	21	< 5	62
L18S 2+00E	201	298	< 5	< 0.5	9	95	4.59	905	1	10	< 5	66
L18S 2+75E	201	298	450	< 0.5	21	217	6.08	2170	2	23	< 5	158
L18S 3+00E	201	298	75	< 0.5	46	403	7.19	2600	7	26	< 5	162

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : TREK
Comments:

Date : 26-OCT-89
Invoice # : I-8928441
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8928441

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
L1+50N 0+12.5E	217	298	70	0.5	2	6	1.36	85	4	3	15	20
L1+50N 0+25.0E	201	298	20	0.5	1	2	0.91	65	2	2	15	14
L1+50N 0+37.5E	201	298	<5	0.5	5	40	2.23	170	4	4	10	28
L1+50N 0+50.0E	217	298	<5	<0.5	2	<1	0.94	90	1	1	<5	16
L1+50N 0+62.5E	201	298	<5	<0.5	1	18	0.57	45	1	1	10	12
L1+50N 0+75.0E	201	298	20	0.5	9	115	4.06	305	6	5	20	46
L1+50N 0+87.5E	201	298	<5	<0.5	1	14	1.37	70	2	3	10	16
L1+50N 1+00E	201	298	<5	0.5	3	23	2.44	145	4	4	10	22
L1+50N 1+25E	217	298	<5	<0.5	1	<1	0.84	65	2	5	5	16
L1+50N 1+50E	201	298	10	<0.5	1	<1	0.79	70	2	1	5	16
L1+50N 1+75E	201	298	10	0.5	1	32	3.92	85	5	2	15	24
L1+50N 2+00E	201	298	10	<0.5	1	<1	0.53	35	2	<1	10	10
L1+50N 2+25E	201	298	<5	<0.5	1	<1	0.50	95	2	1	10	12
L1+50N 2+50E	201	298	<5	<0.5	10	2	2.61	245	2	11	<5	38
L1+50N 2+75E	201	298	<5	0.5	2	11	1.26	75	2	5	<5	26
L1+75N 0+12.5E	217	298	<5	0.5	3	52	1.68	130	3	4	15	36
L1+75N 0+25.0E	201	298	<5	0.5	3	78	2.14	95	3	3	5	32
L1+75N 0+37.5E	217	298	20	0.5	15	50	3.12	385	52	244	15	136
L1+75N 0+50.0E	201	298	<5	<0.5	2	28	1.08	80	2	4	5	24
L1+75N 0+62.5E	217	298	<5	<0.5	3	36	1.10	70	1	3	10	30
L1+75N 0+75.0E	217	298	15	<0.5	<1	<1	0.54	55	1	1	<5	22
L1+75N 0+87.5E	201	298	10	0.5	44	166	5.40	1700	3	5	40	66
L1+75N 1+00E	201	298	<5	<0.5	2	<1	0.70	75	1	<1	5	26
L1+75N 1+25E	217	298	<5	<0.5	3	2	1.08	90	2	3	5	26
L1+75N 1+50E	217	298	<5	0.5	17	31	6.73	605	5	8	10	62
L1+75N 1+75E	201	298	<5	<0.5	1	<1	0.87	85	1	1	5	20
L1+75N 2+00E	201	298	<5	<0.5	1	<1	0.85	50	1	1	5	16
L1+75N 2+25E	201	298	<5	<0.5	1	<1	0.75	85	1	1	15	10
L1+75N 2+50E	201	298	<5	<0.5	1	29	1.47	50	1	3	5	28
L1+75N 2+75E	201	298	<5	<0.5	1	8	0.96	45	1	1	5	18
L2+00N 0+12.5E	201	298	5	<0.5	1	12	0.85	55	1	1	10	14
L2+00N 0+37.5E	201	298	20	<0.5	1	40	0.96	55	2	<1	5	18
L2+00N 0+62.5E	201	298	<5	<0.5	1	<1	0.65	55	1	1	5	16
L2+00N 0+87.5E	201	298	10	<0.5	1	20	0.89	50	2	2	65	36
L2+25AN 0+00E	201	298	<5	0.5	<1	<1	0.57	45	1	1	10	20
L2+25AN 0+12.5E	201	298	<5	<0.5	1	1	0.68	60	1	1	5	16
L2+25AN 0+25.0E	201	298	<5	<0.5	<1	<1	0.67	50	<1	2	5	16
L2+25AN 0+37.5E	201	298	<5	<0.5	1	<1	0.72	55	1	1	5	20
L2+25AN 0+50.0E	201	298	5	<0.5	1	<1	0.71	80	1	<1	5	22
L2+25AN 0+62.5E	201	298	120	<0.5	1	<1	0.75	40	1	1	5	14

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments:

Date : 26-OCT-89
Invoice # : I-8928441
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8928441

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
L2+25AN 0+75.0E	201	298	350	3.5	1	89	1.81	75	10	1	5	18
L2+25AN 0+87.5E	201	298	15	0.5	1	20	0.86	50	2	1	10	16
L2+25AN 1+00E	201	298	15	0.5	13	78	4.84	500	4	6	40	80
L2+25AN 1+25E	201	298	< 5	0.5	1	< 1	0.96	65	1	1	5	20
L2+25AN 1+50E	201	298	< 5	< 0.5	1	< 1	0.80	65	1	2	5	18
L2+25AN 1+75E	201	298	< 5	< 0.5	2	< 1	1.23	215	3	2	5	20
L2+25AN 2+00E	201	298	< 5	< 0.5	3	< 1	1.56	195	3	2	5	26
L2+25AN 2+25E	201	298	< 5	< 0.5	1	< 1	0.93	75	1	3	5	20
L2+25AN 2+50E	201	298	< 5	< 0.5	2	< 1	1.56	80	2	4	5	20
L2+25AN 2+75E	201	298	15	0.5	6	14	3.70	320	3	8	5	40
L2+25AN 3+00E	201	298	10	< 0.5	1	13	1.09	100	1	3	15	26
L2+25BN 0+00E	201	298	280	< 0.5	1	< 1	0.91	55	3	1	10	14
L2+25BN 0+12.5E	201	298	50	< 0.5	1	< 1	0.68	65	< 1	< 1	5	16
L2+25BN 0+25.0E	201	298	20	< 0.5	2	5	1.17	105	2	1	10	24
L2+25BN 0+37.5E	201	298	< 5	1.0	1	< 1	0.74	65	< 1	1	5	28
L2+25BN 0+50.0E	201	298	< 5	< 0.5	1	< 1	1.06	70	< 1	1	5	18
L2+25BN 0+62.5E	201	298	< 5	< 0.5	1	< 1	0.64	60	< 1	1	< 5	20
L2+25BN 0+75.0E	201	298	150	3.0	2	1670	11.65	105	109	1	50	52
L2+25BN 0+87.5E	201	298	160	< 0.5	4	95	2.40	105	7	5	25	30
L2+25BN 1+00.0E	201	298	15	< 0.5	1	8	0.85	60	1	1	5	18
L2+25BN 1+12.5E	201	298	10	< 0.5	1	14	0.63	45	1	1	5	30
L2+25BN 1+25E	201	298	20	0.5	17	65	4.26	715	3	4	35	84
L2+25BN 1+50E	217	298	< 5	< 0.5	1	3	0.74	50	1	2	5	32
L2+25BN 1+75E	217	298	< 5	< 0.5	1	< 1	0.74	55	1	1	< 5	36
L2+25BN 2+00E	201	298	< 5	< 0.5	2	7	0.70	55	< 1	2	5	26
L2+25BN 2+25E	217	298	< 5	< 0.5	2	1	1.14	165	1	5	5	30
L2+25BN 2+50E	201	298	< 5	< 0.5	3	9	4.33	165	4	7	15	44
L2+25BN 2+75E	201	298	< 5	< 0.5	1	< 1	0.69	65	1	1	< 5	24
L2+25BN 3+00E	201	298	< 5	< 0.5	1	< 1	0.67	60	1	1	5	24
L2+25BN 3+25E	201	298	< 5	< 0.5	1	< 1	0.66	60	1	1	10	24
L3+00N 0+87.5E	217	298	45	< 0.5	1	< 1	0.63	35	1	1	< 5	14
L3+00N 1+62.5E	201	298	5	< 0.5	1	< 1	0.87	60	2	1	10	20
L4+00N 0+87.5E	201	298	30	0.5	4	33	2.11	100	2	3	10	30
L4+00N 1+12.5E	201	298	< 5	2.5	1	41	1.55	70	2	2	5	18
L4+00N 1+37.5E	217	298	1850	3.5	6	1825	>15.00	180	192	< 1	< 5	46
L4+00N 1+62.5E	201	298	75	1.0	6	68	5.21	530	3	6	10	64

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : TREK
Comments: CC: EQUITY ENGINEERING LTD.

Page No. : 1
Tot. Pages: 2
Date : 22-OCT-89
Invoice # : I-8928015
P.O. # : LOR-89-1

CERTIFICATE OF ANALYSIS A8928015

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
L18S 3+50E	201	298	50	< 0.5	17	165	4.60	925	5	20	5	102
L18S 3+75E	201	298	60	1.0	5	639	4.21	455	6	11	< 5	206
L18S 4+00E	201	298	100	0.5	20	1020	5.42	2180	10	27	< 5	236
L18S 4+25E	201	298	20	< 0.5	5	143	4.03	430	3	11	10	102
L18S 4+50E	201	298	60	< 0.5	8	95	3.70	595	4	13	5	88
L18S 0+25W	201	298	< 5	< 0.5	17	97	4.80	1365	1	8	< 5	126
L18S 0+50W	201	298	< 5	< 0.5	13	12	3.70	950	2	10	< 5	106
L18S 0+75W	201	298	< 5	< 0.5	17	5	3.74	850	< 1	12	< 5	156
L18S 1+00W	201	298	< 5	1.0	5	47	3.71	335	2	11	10	90
L18S 1+25W	201	298	< 5	< 0.5	10	33	5.15	820	3	19	5	106
L18S 1+50W	201	298	10	< 0.5	16	98	4.50	1480	2	19	5	164
L18S 1+75W	201	298	< 5	< 0.5	32	214	6.96	2990	2	21	10	222
L18S 2+00W	201	298	< 5	< 0.5	13	54	5.20	675	3	6	5	140
L18S 2+25W	201	298	< 5	< 0.5	19	78	5.40	1325	1	13	< 5	134
L18S 2+50W	201	298	20	< 0.5	15	80	5.06	1010	1	24	< 5	112
L18S 2+75W	201	298	5	< 0.5	15	95	4.77	1250	1	26	10	112
L18S 3+00W	201	298	< 5	< 0.5	20	22	5.88	1195	2	11	< 5	116
L18S 3+25W	201	298	20	< 0.5	19	104	5.04	1265	< 1	16	< 5	132
L18S 3+50W	201	298	< 5	< 0.5	23	96	5.29	1115	1	11	< 5	158
L18S 3+75W	201	298	< 5	< 0.5	21	47	5.01	1445	1	16	< 5	88
L18S 4+00W	201	298	< 5	< 0.5	12	40	4.93	780	1	16	5	96
L19S 0+25E	201	298	< 5	< 0.5	10	51	5.00	775	3	19	5	110
L19S 0+50E	201	298	< 5	< 0.5	5	28	3.06	220	3	10	5	70
L19S 0+75E	201	298	5	< 0.5	24	234	6.13	1070	2	25	< 5	174
L19S 1+00E	201	298	< 5	< 0.5	8	81	4.55	450	2	7	< 5	82
L19S 1+25E	201	298	< 5	< 0.5	6	37	5.80	520	4	11	5	72
L19S 1+50E	201	298	15	0.5	22	175	4.04	810	2	7	< 5	70
L19S 1+75E	201	298	60	0.5	51	311	5.93	855	4	16	< 5	116
L19S 2+00E	201	298	15	0.5	20	343	5.40	1330	2	23	60	436
L19S 2+25E	201	298	30	< 0.5	15	140	5.39	1095	2	21	< 5	140
L19S 2+50E	201	298	25	< 0.5	16	130	5.22	1010	2	16	< 5	102
L19S 2+75E	201	298	30	< 0.5	16	139	4.48	660	2	19	5	120
L19S 3+00E	201	298	20	< 0.5	14	399	6.40	685	5	12	< 5	100
L19S 3+25E	201	298	15	< 0.5	9	287	6.46	580	5	8	< 5	86
L19S 3+50E	201	298	< 5	< 0.5	15	188	5.36	800	3	13	5	108
L19S 3+75E	201	298	< 5	< 0.5	9	310	6.54	500	5	5	< 5	66
L19S 4+00E	201	298	15	< 0.5	11	340	8.13	740	4	10	< 5	86
L19S 4+25E	201	298	50	< 0.5	17	167	5.24	1140	3	21	< 5	104
BL 13+25S	201	298	< 5	< 0.5	33	247	9.03	765	25	3	< 5	74
BL 13+50S	201	298	10	< 0.5	19	454	6.02	1000	3	41	< 5	92

CERTIFICATION :

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments: CC: EQUITY ENGINEERING LTD.

Date : 22-OCT-89
Invoice # : I-8928015
P.O. # : LOR-89-1

CERTIFICATE OF ANALYSIS A8928015

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
BL 13+75S	201	298	< 5	< 0.5	14	267	4.44	700	3	17	< 5	78
BL 16+25S	201	298	< 5	< 0.5	23	194	6.40	1725	1	34	< 5	166
BL 16+50S	201	298	20	< 0.5	17	88	5.61	2020	2	24	5	130
BL 16+75S	201	298	< 5	0.5	9	91	4.09	400	2	28	10	132
BL 17+00S	201	298	< 5	< 0.5	8	32	3.85	465	1	8	10	156
BL 17+25S	201	298	5	< 0.5	8	144	4.28	410	2	11	15	142
BL 17+50S	201	298	< 5	< 0.5	13	205	4.92	920	2	25	5	148
BL 17+75S	201	298	5	< 0.5	14	122	5.00	1075	3	20	15	178
BL 18+00S	201	298	< 5	< 0.5	16	20	4.25	1270	1	12	< 5	170
BL 18+25S	201	298	< 5	< 0.5	3	38	1.89	200	1	4	5	54
BL 18+50S	201	298	< 5	< 0.5	16	101	5.21	1030	1	14	< 5	140
BL 18+75S	201	298	< 5	< 0.5	13	102	5.74	1315	2	11	5	178
BL 19+00S	201	298	< 5	< 0.5	13	126	5.13	1050	2	11	< 5	164
BL 19+25S	201	298	< 5	< 0.5	17	100	4.79	875	1	13	< 5	134
BL 19+50S	203	298	< 5	< 0.5	4	21	1.47	180	< 1	4	< 5	30
BL 19+75S	201	298	< 5	< 0.5	23	99	5.79	1195	3	21	5	152
BL 20+00S	201	298	5	< 0.5	15	112	4.45	915	1	25	5	130
459220	201	298	< 5	< 0.5	16	460	3.13	995	1	19	5	222
463371	201	298	< 5	< 0.5	10	98	3.60	1005	1	20	5	158
463374	217	298	< 5	< 0.5	14	353	3.17	1125	2	19	5	138

CERTIFICATION : B. Caplin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments:

Date : 23-OCT-89
Invoice # : I-8928188
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8928188

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
L2+50N 0+25E	201	298	< 5	< 0.5	1	7	0.97	75	< 1	1	10	24
L2+50N 0+37.5E	201	298	< 5	< 0.5	3	13	1.92	135	1	3	10	28
L2+50N 0+50E	201	298	< 5	< 0.5	4	79	1.55	95	1	4	10	46
L2+50N 0+62.5E	201	298	< 5	< 0.5	1	2	0.70	55	1	2	5	26
L2+50N 0+75E	201	298	< 5	< 0.5	< 1	2	0.58	45	1	1	< 5	20
L2+50N 0+87.5E	201	298	7430	8.0	2	585	7.65	65	338	3	5	34
L2+50N 1+00E	201	298	< 5	< 0.5	1	20	1.03	45	7	2	10	24
L2+50N 1+12.5E	201	298	< 5	< 0.5	2	16	0.86	40	< 1	3	< 5	28
L2+50N 1+25E	201	298	< 5	< 0.5	10	58	2.14	150	1	5	< 5	36
L2+50N 1+50E	201	298	< 5	< 0.5	2	14	1.10	115	1	3	5	28
L2+50N 1+75E	201	298	< 5	< 0.5	< 1	2	0.42	40	1	2	< 5	18
L2+50N 2+00E	201	298	< 5	< 0.5	1	6	0.68	50	1	2	< 5	20
L2+50N 2+25E	201	298	< 5	< 0.5	2	9	1.25	80	2	2	15	24
L2+50N 2+50E	201	298	< 5	< 0.5	7	21	3.04	845	4	3	10	36
L2+50N 2+75E	201	298	< 5	< 0.5	< 1	< 1	0.46	80	1	1	5	16
L2+50N 3+00E	201	298	30	< 0.5	1	2	0.57	50	1	3	10	14
L2+50N 3+25E	201	298	< 5	< 0.5	1	6	0.66	60	1	3	5	30
L3+25N 0+25E	201	298	< 5	< 0.5	5	51	2.88	185	4	6	10	44
L3+25N 0+50E	201	298	< 5	0.5	2	29	1.30	75	1	4	5	24
L3+25N 0+75E	201	298	40	0.5	6	18	1.96	195	2	3	5	24
L3+25N 0+87.5E	201	298	30	< 0.5	< 1	25	1.23	30	5	2	< 5	20
L3+25N 1+00E	201	298	145	0.5	1	11	0.71	45	2	1	5	18
L3+25N 1+12.5E	201	298	20	0.5	1	139	1.00	35	1	1	5	16
L3+25N 1+37.5E	217	298	930	1.0	7	1180	12.25	205	47	4	< 5	56
L3+25N 1+50E	201	298	125	< 0.5	< 1	51	0.95	50	3	2	5	24
L3+25N 1+62.5E	201	298	40	< 0.5	2	20	1.40	170	1	3	5	28
L3+25N 1+75E	201	298	< 5	< 0.5	1	17	1.38	60	2	2	5	22
L3+25N 2+00E	201	298	< 5	< 0.5	1	11	1.21	115	1	3	10	22
L3+25N 2+25E	201	298	< 5	< 0.5	29	39	4.87	1175	2	8	10	52
L3+25N 2+50E	201	298	< 5	< 0.5	< 1	7	0.60	75	< 1	3	< 5	30
L3+25N 2+75E	201	298	< 5	< 0.5	< 1	2	0.43	85	2	2	10	16
L3+25N 3+00E	201	298	< 5	< 0.5	< 1	3	0.86	130	1	3	5	22
L4+25N 0+25E	201	298	20	< 0.5	5	327	3.28	160	3	3	5	48
L4+25N 0+50E	201	298	100	< 0.5	3	112	1.81	105	2	3	5	34
L4+25N 0+75E	201	298	< 5	< 0.5	23	46	3.01	1975	5	4	10	64
L4+25N 0+87.5E	201	298	< 5	0.5	6	78	2.42	270	2	5	10	48
L4+25N 1+00E	201	298	< 5	1.0	1	15	1.14	65	1	2	10	24
L4+25N 1+12.5E	201	298	5	< 0.5	45	349	4.59	965	6	9	10	138
L4+25N 1+25E	201	298	160	1.5	88	7580	7.95	1050	25	8	5	76
L4+25N 1+37.5E	201	298	555	1.5	20	3880	11.05	690	54	4	10	62

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments:

Date : 23-OCT-89
Invoice # : I-8928188
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8928188

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
L4+25N 1+50E	201 298	< 5	< 0.5	5	44	4.51	180	4	7	5	52
L4+25N 1+62.5E	201 298	40	0.5	15	130	3.47	1655	2	11	10	138
L4+25N 1+75E	201 298	< 5	< 0.5	6	41	6.84	335	< 1	7	5	66
L4+25N 2+00E	201 298	< 5	0.5	3	13	2.62	70	3	3	10	34
L4+25N 2+25E	201 298	< 5	< 0.5	3	7	2.36	205	2	3	15	38
L4+25N 2+50E	201 298	35	< 0.5	1	< 1	0.74	45	2	1	10	12
L4+25N 2+75E	201 298	60	< 0.5	4	36	6.37	185	2	6	20	64
L4+25N 3+00E	201 298	5	< 0.5	2	8	1.58	100	4	4	25	32
L4+25N 3+25E	201 298	< 5	0.5	7	108	6.24	260	2	9	35	94
L4+25N 3+50E	201 298	5	< 0.5	4	153	4.70	115	5	7	20	42
L4+25N 3+75E	201 298	95	1.0	4	75	3.52	185	8	5	20	32
L4+50N 0+25E	201 298	50	< 0.5	13	197	4.08	380	4	5	5	52
L4+50N 0+50E	201 298	< 5	< 0.5	21	388	3.80	975	7	9	20	90
L4+50N 0+75E	201 298	75	< 0.5	20	617	2.86	960	1	12	5	126
L4+50N 1+00E	201 298	165	< 0.5	5	108	3.45	150	5	5	10	50
L4+50N 1+12.5E	201 298	< 5	< 0.5	39	524	4.61	1045	4	5	10	72
L4+50N 1+25E	201 298	110	< 0.5	118	3540	5.06	1005	7	17	5	210
L4+50N 1+37.5E	201 298	< 5	< 0.5	9	83	6.52	465	9	10	20	66
L4+50N 1+50E	201 298	360	0.5	98	2680	7.83	1170	33	9	15	148
L4+50N 1+62.5E	201 298	20	1.0	21	1450	2.47	260	1	12	5	144
L4+50N 1+75E	201 298	< 5	< 0.5	5	83	2.94	250	2	7	10	90
L4+50N 1+87.5E	201 298	< 5	< 0.5	7	67	4.12	345	1	5	15	74
L4+50N 2+00E	201 298	15	< 0.5	16	102	3.82	1295	< 1	7	15	114
L4+50N 2+25E	201 298	< 5	< 0.5	4	35	7.53	180	1	7	15	54
L4+50N 2+50E	201 298	40	0.5	6	62	6.54	280	< 1	9	5	76
L4+50N 2+75E	201 298	< 5	< 0.5	7	64	6.95	330	1	5	40	96
L4+50N 3+00E	201 298	10	< 0.5	4	8	1.94	65	1	2	5	22
L4+50N 3+25E	201 298	10	0.5	5	22	3.78	120	4	4	30	42
L4+50N 3+50E	201 298	60	0.5	12	133	8.32	520	1	12	40	126
L4+50N 3+75E	201 298	375	2.0	6	237	7.54	555	5	5	70	90
L4+50N 4+00E	201 298	60	2.0	3	65	6.55	200	3	3	30	36
L4+75N 1+12.5E	201 298	195	< 0.5	5	394	4.06	165	17	3	10	62
L4+75N 1+37.5E	201 298	15	0.5	3	22	3.80	135	3	5	10	40
L4+75N 1+62.5E	201 298	< 5	< 0.5	7	57	10.15	385	4	14	15	70
L4+75N 1+87.5E	201 298	20	1.5	16	89	4.21	1605	< 1	6	20	106
LOR600 0+00W	201 298	75	1.0	10	276	5.49	320	4	13	15	74
LOR600 0+25W	201 298	30	< 0.5	3	42	1.52	85	1	3	5	34
LOR600 0+50W	201 298	170	0.5	16	332	8.19	660	2	17	15	66
LOR600 0+75W	201 298	25	1.5	15	270	6.39	910	5	15	35	94
LOR600 1+00W	201 298	10	0.5	6	40	3.33	350	3	10	10	68

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To : EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2
Project : TREK
Comments:

Date : 23-OCT-89
Invoice # : I-8928188
P.O. # : LOR89-01

CERTIFICATE OF ANALYSIS A8928188

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
L0R600 1+25W	201	298	25	< 0.5	3	35	1.66	90	2	6	5	40
LOR600 1+50W	217	298	30	1.0	2	49	0.85	125	1	4	25	128
L0R600 1+75W	201	298	20	1.5	4	40	6.17	155	4	7	10	48
L0R600 2+00W	201	298	10	0.5	1	17	0.78	60	1	1	5	24
L0R600 2+25W	201	298	10	< 0.5	8	38	3.77	515	3	14	5	58
L0R600 2+50W	201	298	50	< 0.5	20	177	6.21	1310	8	23	10	102
L0R600 2+75W	217	298	10	< 0.5	21	223	4.40	1325	1	33	< 5	118
L0R600 3+00W	201	298	10	< 0.5	7	70	4.20	270	5	12	10	80
L0R600 3+25W	201	298	5	< 0.5	16	117	4.94	545	4	43	10	98
L0R600 3+50W	201	298	< 5	< 0.5	14	38	4.22	375	< 1	46	< 5	78
L0R600 3+75W	203	298	10	1.0	8	73	2.15	105	< 1	10	< 5	68
L0R600 4+00W	201	298	30	< 0.5	9	72	2.35	265	1	9	< 5	66
L0R600 4+25W	217	298	20	0.5	4	68	1.64	290	1	8	< 5	46
L0R600 4+50W	201	298	30	< 0.5	9	35	6.93	190	3	7	10	38
L0R600 4+75W	201	298	40	< 0.5	19	112	14.45	625	2	14	50	128
L0R600 5+00W	201	298	120	< 0.5	13	288	12.05	570	1	11	35	112
L0R600 5+25W	201	298	30	1.0	4	49	9.87	195	3	3	20	48
L0R600 5+50W	201	298	40	0.5	3	37	3.98	115	4	2	5	32
L0R600 5+75W	201	298	< 5	< 0.5	2	16	1.25	100	2	4	< 5	32
L0R600 6+00W	201	298	< 5	< 0.5	3	18	1.21	100	3	3	5	28
L0R600 6+25W	201	298	< 5	< 0.5	1	4	0.45	80	< 1	< 1	< 5	16
L0R600 6+50W	201	298	< 5	< 0.5	9	70	3.96	150	2	11	10	70
L0R600 6+75W	201	298	< 5	< 0.5	2	9	0.65	55	1	3	5	20
L0R600 7+00W	201	298	< 5	< 0.5	3	8	1.41	315	2	2	15	22
L0R600 7+25W	201	298	< 5	< 0.5	4	19	2.31	165	3	6	5	36
L0R600 7+50W	201	298	< 5	< 0.5	6	21	2.91	280	2	13	< 5	58

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.

*Analytical Chemists * Geochemists * Registered Assayers*

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

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A8929070

Comments: ATTN: DAVID CAULFIELD CC: SAME AS ABOVE.

CERTIFICATE A8929070

EQUITY ENGINEERING LTD.

Project: TRE 1-4
P.O. # : LOR89-01

Samples submitted to our lab in Vancouver, BC.
This report was printed on 2-NOV-89.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	23	Dry, sieve -80 mesh; soil, sed.
217	27	Geochem:Ring only,no crush/split
238	50	ICP: Aqua regia digestion

* 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	50	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
921	50	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
922	50	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
923	50	As ppm: 32 element, soil & rock	ICP-AES	5	10000
924	50	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
925	50	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
926	50	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
927	50	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
928	50	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
929	50	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
930	50	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
931	50	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
932	50	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
933	50	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
951	50	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
934	50	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
935	50	La ppm: 32 element, soil & rock	ICP-AES	10	10000
936	50	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
937	50	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
938	50	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
939	50	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
940	50	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
941	50	P ppm: 32 element, soil & rock	ICP-AES	10	10000
942	50	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
943	50	Sb ppm: 32 element, soil & rock	ICP-AES	5	10000
958	50	Sc ppm: 32 elements, soil & rock	ICP-AES	1	100000
944	50	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
945	50	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
946	50	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
947	50	U ppm: 32 element, soil & rock	ICP-AES	10	10000
948	50	V ppm: 32 element, soil & rock	ICP-AES	1	10000
949	50	W ppm: 32 element, soil & rock	ICP-AES	10	10000
950	50	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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PHONE: 604-984-0221

To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Invoice Date: 2-NOV-89
Invoice No. : I-8929070
P.O. Number : LOR89-01

Project : TRE 1-4
Comments: ATTN: DAVID CAULFIELD CC: SAME AS ABOVE.

CERTIFICATE OF ANALYSIS A8929070

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	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
L700 2+50W	201	238	5	1.01	1.2	5	60	< 0.5	< 2	0 .31	< 0.5	4	9	31	2.42	< 10	< 1	0.05	< 10	0.26	100
L700 2+75W	201	238	< 5	1.57	< 0.2	10	40	< 0.5	< 2	0 .13	< 0.5	7	14	35	4.30	10	< 1	0.05	10	0.32	290
L700 3+00W	217	238	< 5	0.70	0.2	< 5	40	< 0.5	< 2	0 .36	< 0.5	2	18	11	0.67	< 10	< 1	0.09	< 10	0.10	195
L700 3+25W	217	238	< 5	0.30	1.2	10	20	< 0.5	< 2	0 .08	< 0.5	2	33	6	0.57	< 10	< 1	0.12	< 10	0.04	115
L700 3+50W	201	238	< 5	0.41	0.4	< 5	10	< 0.5	< 2	0 .08	< 0.5	2	6	3	0.57	< 10	< 1	0.06	< 10	0.05	95
L700 5+00W	201	238	< 5	0.76	0.6	5	10	< 0.5	2	0 .12	< 0.5	1	8	3	1.27	10	< 1	0.04	< 10	0.09	90
L700 5+25W	217	238	< 5	0.56	0.8	< 5	20	< 0.5	2	0 .10	0.5	2	24	5	0.65	< 10	< 1	0.06	< 10	0.03	50
L700 5+50W	201	238	5	0.46	0.2	< 5	20	< 0.5	< 2	0 .07	< 0.5	2	7	3	0.85	< 10	< 1	0.05	< 10	0.08	65
L700 5+75W	217	238	< 5	0.68	0.8	< 5	30	< 0.5	< 2	0 .09	< 0.5	3	23	11	1.11	< 10	< 1	0.07	10	0.02	35
L700 6+00W	217	238	< 5	0.39	0.8	5	60	< 0.5	< 2	0 .09	< 0.5	2	11	11	0.61	< 10	< 1	0.05	< 10	0.02	55
L700 6+25W	201	238	10	0.49	0.4	< 5	10	< 0.5	< 2	0 .05	< 0.5	2	7	6	0.55	< 10	< 1	0.06	< 10	0.02	55
L700 6+50W	201	238	< 5	1.19	0.4	15	60	< 0.5	< 2	0 .11	< 0.5	< 1	23	23	5.53	10	< 1	0.03	< 10	0.16	95
L700 6+75W	201	238	< 5	1.14	0.4	< 5	20	< 0.5	< 2	0 .11	< 0.5	2	7	5	0.99	10	< 1	0.05	< 10	0.14	160
L700 7+00W	217	238	< 5	0.33	0.4	< 5	20	< 0.5	2	0 .12	< 0.5	3	14	6	0.56	< 10	< 1	0.07	< 10	0.04	50
L700 7+25W	201	238	< 5	0.39	0.4	< 5	20	< 0.5	< 2	0 .03	< 0.5	1	7	5	0.61	10	< 1	0.05	< 10	0.02	55
L700 7+50W	201	238	< 5	0.91	0.4	5	30	< 0.5	< 2	0 .12	0.5	3	22	23	3.42	20	< 1	0.04	10	0.08	110
L700 7+75W	201	238	< 5	3.61	0.2	5	20	< 0.5	2	0 .42	< 0.5	9	43	83	5.27	< 10	< 1	0.05	10	0.75	925
L700 8+00W	201	238	< 5	2.23	0.2	5	40	< 0.5	2	0 .23	0.5	6	39	56	6.48	10	< 1	0.04	10	0.43	290
L700 8+25W	217	238	< 5	0.69	0.6	< 5	20	< 0.5	2	0 .08	< 0.5	3	20	7	1.14	< 10	< 1	0.07	< 10	0.15	160
L700 8+50W	217	238	< 5	1.48	0.4	< 5	60	< 0.5	< 2	0 .35	< 0.5	5	39	27	1.92	10	< 1	0.08	10	0.39	370
L700 8+75W	217	238	10	4.55	1.2	< 5	120	0.5	< 2	0 .68	1.5	29	23	196	5.72	10	< 1	0.07	30	0.19	3040
L700 9+00W	217	238	< 5	0.60	0.2	5	20	< 0.5	< 2	0 .07	< 0.5	2	30	8	1.05	< 10	< 1	0.05	10	0.03	65
L700 9+25W	217	238	< 5	0.26	0.2	5	20	< 0.5	< 2	0 .08	< 0.5	2	12	4	0.53	< 10	< 1	0.07	< 10	0.04	75
L700 9+50W	217	238	< 5	1.33	0.4	< 5	50	< 0.5	< 2	0 .59	< 0.5	10	27	8	2.53	< 10	< 1	0.19	10	0.72	640
L700 9+75W	201	238	165	0.88	0.6	20	30	< 0.5	2	0 .08	< 0.5	3	11	15	1.46	10	< 1	0.05	< 10	0.05	80
L700 10+00W	201	238	< 5	1.55	0.6	< 5	340	< 0.5	< 2	1 .06	< 0.5	7	39	13	4.03	20	< 1	0.14	20	0.89	310
L700 10+25W	217	238	20	0.61	0.6	15	40	< 0.5	< 2	0 .28	< 0.5	2	17	21	0.87	10	< 1	0.07	10	0.05	55
L700 10+50W	217	238	< 5	0.73	1.0	< 5	30	< 0.5	< 2	0 .07	< 0.5	2	18	8	1.35	10	< 1	0.05	10	0.02	60
L700 10+75W	201	238	< 5	0.29	0.2	< 5	10	< 0.5	< 2	0 .09	< 0.5	1	5	5	0.53	< 10	< 1	0.04	< 10	0.02	45
L750 0+00W	217	238	5	2.79	0.2	< 5	30	< 0.5	< 2	0 .25	1.0	8	38	87	4.36	< 10	< 1	0.03	10	0.52	230
L750 0+25W	217	238	10	2.31	< 0.2	< 5	40	< 0.5	4	0 .20	0.5	6	45	59	4.58	< 10	< 1	0.04	< 10	0.34	250
L750 0+50W	201	238	< 5	2.74	0.2	< 5	50	< 0.5	< 2	0 .21	0.5	9	44	82	8.09	< 10	< 1	0.03	10	0.52	445
L750 0+75W	201	238	10	2.47	< 0.2	< 5	40	< 0.5	< 2	0 .09	0.5	11	13	68	9.93	< 10	< 1	0.04	10	0.38	580
L750 1+25W	217	238	110	1.05	0.6	< 5	30	< 0.5	< 2	0 .22	< 0.5	4	29	89	1.57	< 10	< 1	0.06	10	0.06	70
L750 1+50W	217	238	10	1.55	< 0.2	< 5	20	< 0.5	< 2	0 .34	0.5	4	52	32	4.30	10	< 1	0.07	10	0.33	155
L750 1+75W	217	238	< 5	1.68	0.2	15	40	< 0.5	4	0 .33	< 0.5	8	32	18	3.20	< 10	< 1	0.08	10	0.67	410
L750 2+25W	201	238	< 5	0.39	0.2	< 5	10	< 0.5	< 2	0 .06	< 0.5	2	6	4	0.87	< 10	< 1	0.04	< 10	0.03	75
L750 2+50W	217	238	25	0.89	0.2	< 5	40	< 0.5	< 2	0 .09	< 0.5	1	26	16	1.95	< 10	< 1	0.05	< 10	0.06	65
L750 2+75W	217	238	< 5	0.51	0.4	< 5	30	< 0.5	< 2	0 .06	< 0.5	1	14	11	0.75	< 10	< 1	0.05	< 10	0.02	40
L750 3+00W	217	238	< 5	0.60	0.4	< 5	30	< 0.5	< 2	0 .15	< 0.5	3	31	6	0.91	< 10	< 1	0.07	< 10	0.10	130

CERTIFICATION : B. Caufield

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Invoice Date: 2-NOV-89
Invoice No. : I-8929070
P.O. Number : LOR89-01

Project : TRE 1-4
Comments: ATTN: DAVID CAULFIELD CC: SAME AS ABOVE.

CERTIFICATE OF ANALYSIS A8929070

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L700 2+50W	201	238	< 1	0.01	2	820	4	< 5	2	40	0.07	< 10	< 10	75	< 10	48
L700 2+75W	201	238	< 1	0.02	4	580	4	< 5	2	12	0.09	< 10	< 10	101	< 10	52
L700 3+00W	217	238	< 1	0.02	1	620	6	< 5	< 1	14	0.08	< 10	< 10	27	< 10	56
L700 3+25W	217	238	1	0.08	< 1	410	4	< 5	< 1	6	0.06	< 10	< 10	13	< 10	42
L700 3+50W	201	238	< 1	0.06	< 1	310	10	< 5	< 1	8	0.08	< 10	< 10	16	< 10	22
L700 5+00W	201	238	< 1	0.04	2	250	8	< 5	1	5	0.14	< 10	< 10	28	< 10	20
L700 5+25W	217	238	< 1	0.06	1	560	4	< 5	< 1	7	0.05	< 10	< 10	14	< 10	30
L700 5+50W	201	238	< 1	0.04	< 1	480	< 2	< 5	< 1	6	0.10	< 10	< 10	24	< 10	22
L700 5+75W	217	238	1	0.06	3	700	6	5	< 1	6	0.05	< 10	< 10	11	< 10	26
L700 6+00W	217	238	1	0.03	1	620	8	< 5	< 1	11	0.04	10	10	8	< 10	32
L700 6+25W	201	238	1	0.04	< 1	360	2	< 5	< 1	4	0.06	< 10	< 10	16	< 10	22
L700 6+50W	201	238	< 1	0.01	4	610	< 2	< 5	2	13	0.09	< 10	< 10	163	< 10	38
L700 6+75W	201	238	< 1	0.02	< 1	340	20	< 5	1	6	0.10	< 10	< 10	34	< 10	24
L700 7+00W	217	238	< 1	0.03	2	580	4	< 5	< 1	9	0.04	< 10	< 10	9	< 10	40
L700 7+25W	201	238	< 1	0.04	< 1	360	4	< 5	< 1	3	0.06	< 10	< 10	17	< 10	22
L700 7+50W	201	238	1	0.01	4	250	14	< 5	2	14	0.28	< 10	< 10	247	< 10	40
L700 7+75W	201	238	< 1	0.01	15	1800	8	< 5	5	25	0.13	< 10	< 10	123	< 10	60
L700 8+00W	201	238	< 1	0.01	8	610	2	< 5	3	20	0.18	< 10	< 10	179	< 10	52
L700 8+25W	217	238	1	0.06	1	430	4	< 5	1	6	0.05	< 10	< 10	24	< 10	34
L700 8+50W	217	238	< 1	0.04	3	700	6	< 5	2	30	0.09	< 10	< 10	59	< 10	68
L700 8+75W	217	238	< 1	0.02	6	2430	16	< 5	2	35	0.07	< 10	< 10	96	< 10	132
L700 9+00W	217	238	< 1	0.05	1	510	8	< 5	< 1	9	0.07	< 10	< 10	19	< 10	22
L700 9+25W	217	238	< 1	0.04	1	490	2	< 5	< 1	9	0.05	< 10	< 10	10	< 10	46
L700 9+50W	217	238	< 1	0.02	2	1480	< 2	< 5	3	16	0.14	< 10	< 10	68	< 10	54
L700 9+75W	201	238	1	0.03	1	190	6	< 5	1	10	0.06	< 10	< 10	38	< 10	32
L700 10+00W	201	238	< 1	0.05	16	1480	26	< 5	4	321	0.31	< 10	< 10	92	< 10	72
L700 10+25W	217	238	< 1	0.04	< 1	520	6	< 5	1	38	0.09	< 10	< 10	25	< 10	32
L700 10+50W	217	238	1	0.04	1	740	8	< 5	< 1	8	0.08	< 10	< 10	13	< 10	22
L700 10+75W	201	238	< 1	0.05	< 1	260	4	< 5	< 1	8	0.09	< 10	< 10	15	< 10	14
L750 0+00W	217	238	< 1	0.01	13	680	14	< 5	4	17	0.11	< 10	< 10	111	< 10	46
L750 0+25W	217	238	< 1	0.01	9	600	4	< 5	4	18	0.19	< 10	< 10	150	< 10	50
L750 0+50W	201	238	< 1	0.01	11	380	2	< 5	6	16	0.20	< 10	< 10	242	< 10	60
L750 0+75W	201	238	< 1	0.02	6	410	2	< 5	6	10	0.03	< 10	< 10	154	< 10	80
L750 1+25W	217	238	1	0.04	2	1010	10	< 5	< 1	19	0.08	< 10	< 10	43	< 10	32
L750 1+50W	217	238	< 1	0.02	8	2610	14	< 5	3	26	0.21	< 10	< 10	167	< 10	48
L750 1+75W	217	238	1	0.04	8	590	10	< 5	3	24	0.18	< 10	< 10	104	< 10	52
L750 2+25W	201	238	1	0.06	1	460	12	< 5	< 1	3	0.11	< 10	< 10	13	< 10	24
L750 2+50W	217	238	< 1	0.04	2	760	8	< 5	1	8	0.08	< 10	< 10	40	< 10	36
L750 2+75W	217	238	< 1	0.05	1	520	8	< 5	< 1	6	0.06	< 10	< 10	11	< 10	38
L750 3+00W	217	238	< 1	0.04	2	620	14	< 5	< 1	9	0.04	< 10	< 10	20	< 10	40

CERTIFICATION : B. Caufield

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To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Invoice Date: 2-NOV-89
Invoice No. : I-8929070
P.O. Number : LOR89-01

Project : TRE 1-4
Comments: ATTN: DAVID CAULFIELD CC: SAME AS ABOVE.

CERTIFICATE OF ANALYSIS A8929070

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	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
L750 3+25W	201	238	< 5	0.82	0.8	< 5	20	< 0.5	< 2	0 .08	< 0.5	2	6	19	1.65	10	< 1	0.04	< 10	0.03	55
L750 3+50W	201	238	< 5	0.27	0.4	< 5	10	< 0.5	< 2	0 .03	< 0.5	1	6	4	0.57	< 10	< 1	0.04	< 10	0.02	55
L750 3+75W	217	238	< 5	0.56	0.4	< 5	20	< 0.5	< 2	0 .18	< 0.5	1	22	4	0.69	< 10	< 1	0.07	< 10	0.04	235
L750 4+00W	217	238	60	2.15	< 0.2	195	170	< 0.5	< 2	1 .59	2.0	28	32	491	5.19	< 10	< 1	0.07	10	0.61	5150
L750 4+25W	217	238	< 5	0.35	0.2	< 5	10	< 0.5	< 2	0 .05	< 0.5	2	16	5	0.77	< 10	< 1	0.06	< 10	0.04	90
L750 4+50W	201	238	50	2.27	< 0.2	200	30	< 0.5	< 2	0 .22	< 0.5	2	8	40	2.92	10	< 1	0.05	10	0.30	155
L750 5+00W	217	238	5	0.49	0.2	< 5	30	< 0.5	2	0 .19	< 0.5	2	26	11	0.71	< 10	< 1	0.07	< 10	0.04	125
L750 5+25W	217	238	< 5	0.50	1.0	< 5	40	< 0.5	< 2	0 .21	< 0.5	3	12	18	0.86	< 10	< 1	0.07	< 10	0.07	65
L750 5+75W	201	238	20	0.99	0.2	< 5	30	< 0.5	< 2	0 .17	< 0.5	2	8	18	1.68	10	< 1	0.03	10	0.04	70
L750 6+00W	201	238	< 5	1.25	0.2	< 5	40	< 0.5	< 2	0 .15	< 0.5	3	9	33	2.45	< 10	< 1	0.06	10	0.22	245

CERTIFICATION : B. Caughlin

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P.O. Number : LOR89-01

Project : TRE 1-4
Comments: ATTN: DAVID CAULFIELD CC: SAME AS ABOVE.

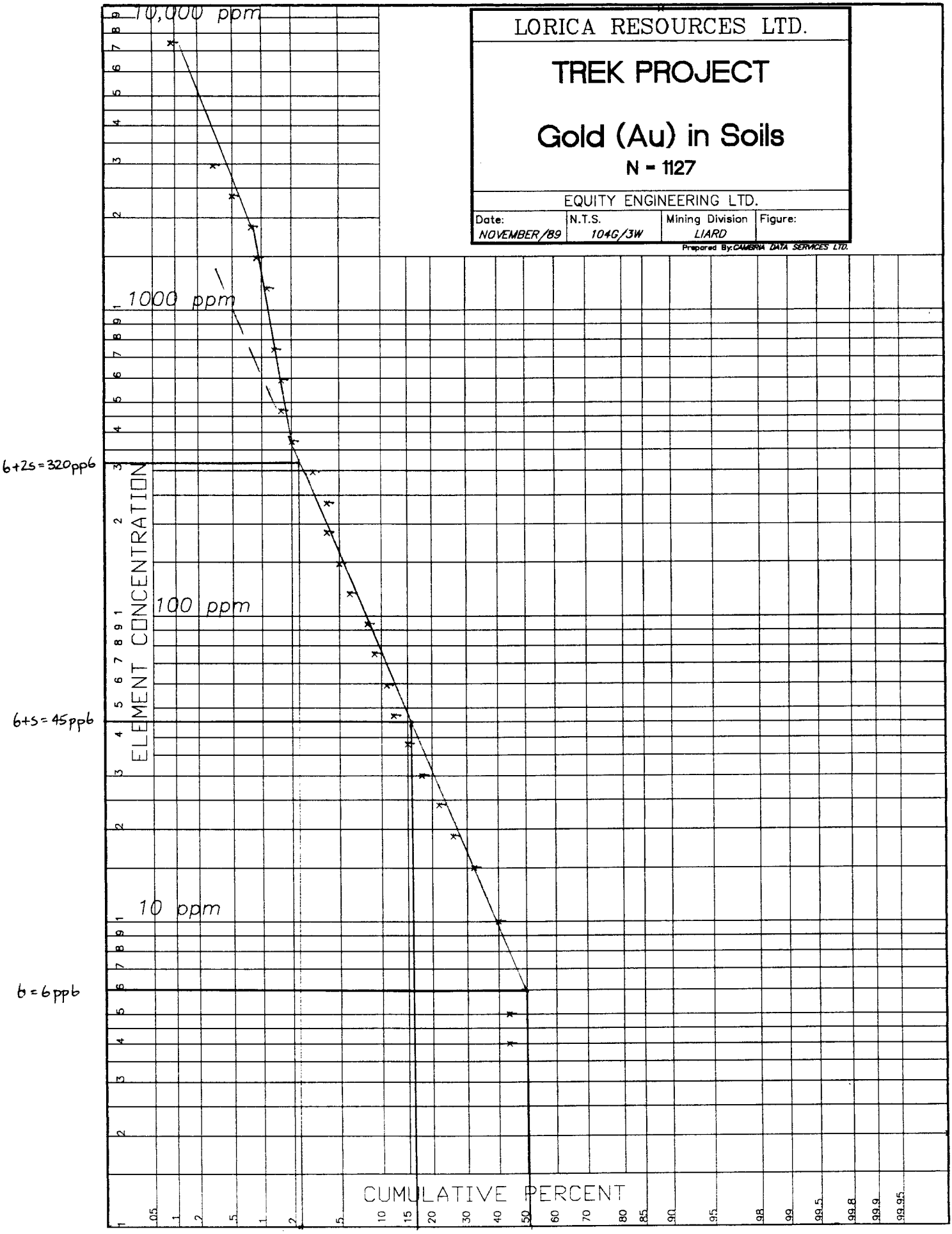
CERTIFICATE OF ANALYSIS A8929070

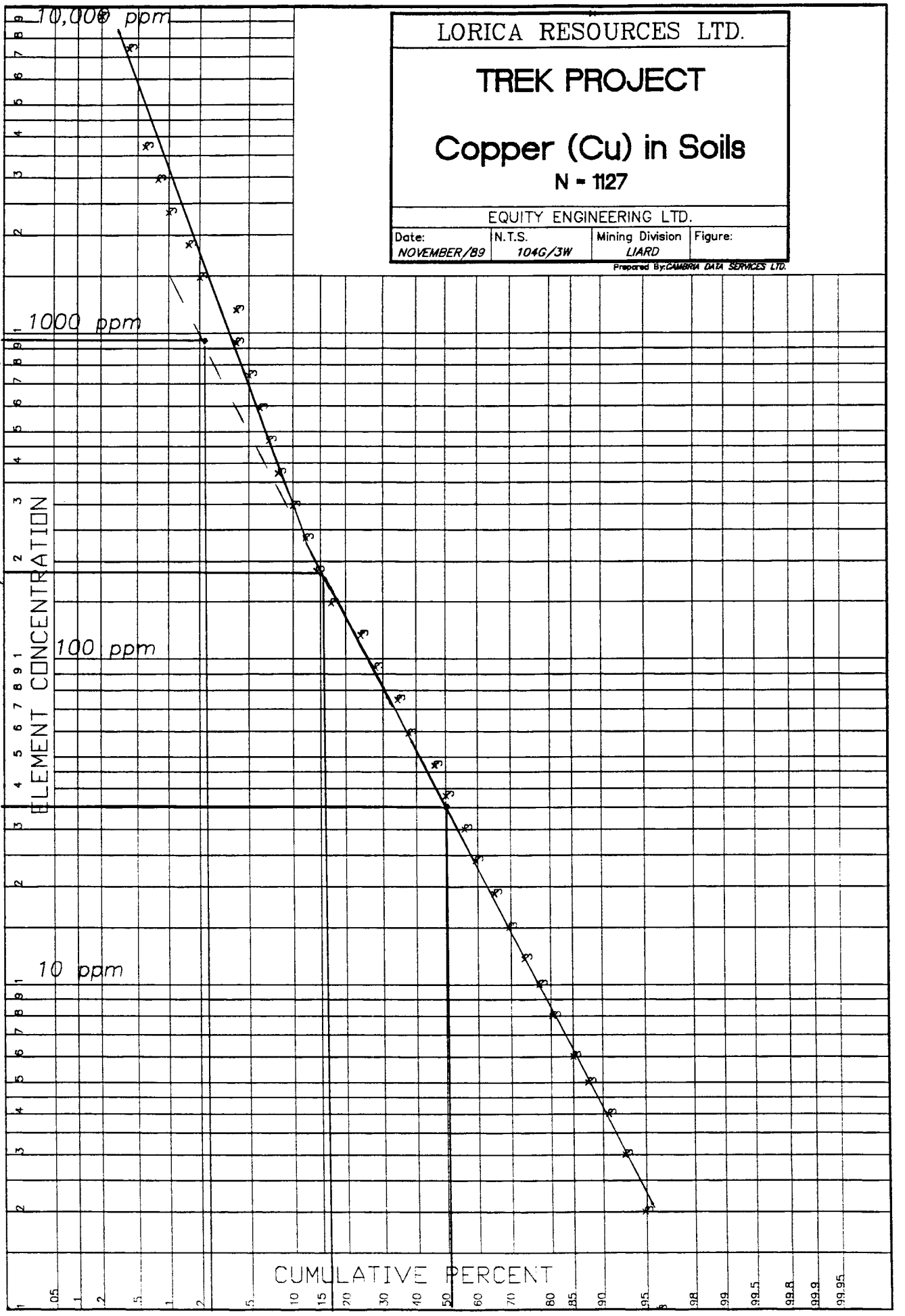
SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L750 3+25W	201	238	1	0.02	< 1	550	14	< 5	1	5	0.10	< 10	< 10	30	< 10	24
L750 3+50W	201	238	< 1	0.06	1	260	8	< 5	< 1	2	0.10	< 10	< 10	10	< 10	20
L750 3+75W	217	238	1	0.07	1	410	12	< 5	< 1	9	0.10	< 10	< 10	23	< 10	30
L750 4+00W	217	238	8	0.03	15	800	16	< 5	4	116	0.09	< 10	< 10	125	< 10	208
L750 4+25W	217	238	< 1	0.10	1	400	6	< 5	< 1	4	0.09	< 10	< 10	11	< 10	22
L750 4+50W	201	238	1	0.01	1	430	36	5	3	21	0.17	< 10	< 10	110	< 10	32
L750 5+00W	217	238	1	0.07	3	820	6	< 5	< 1	13	0.07	< 10	< 10	17	< 10	42
L750 5+25W	217	238	< 1	0.04	1	770	< 2	< 5	1	15	0.06	< 10	< 10	22	< 10	42
L750 5+75W	201	238	1	0.03	3	390	6	< 5	1	30	0.12	< 10	< 10	40	< 10	24
L750 6+00W	201	238	2	0.05	3	360	8	< 5	2	16	0.14	< 10	< 10	76	< 10	28

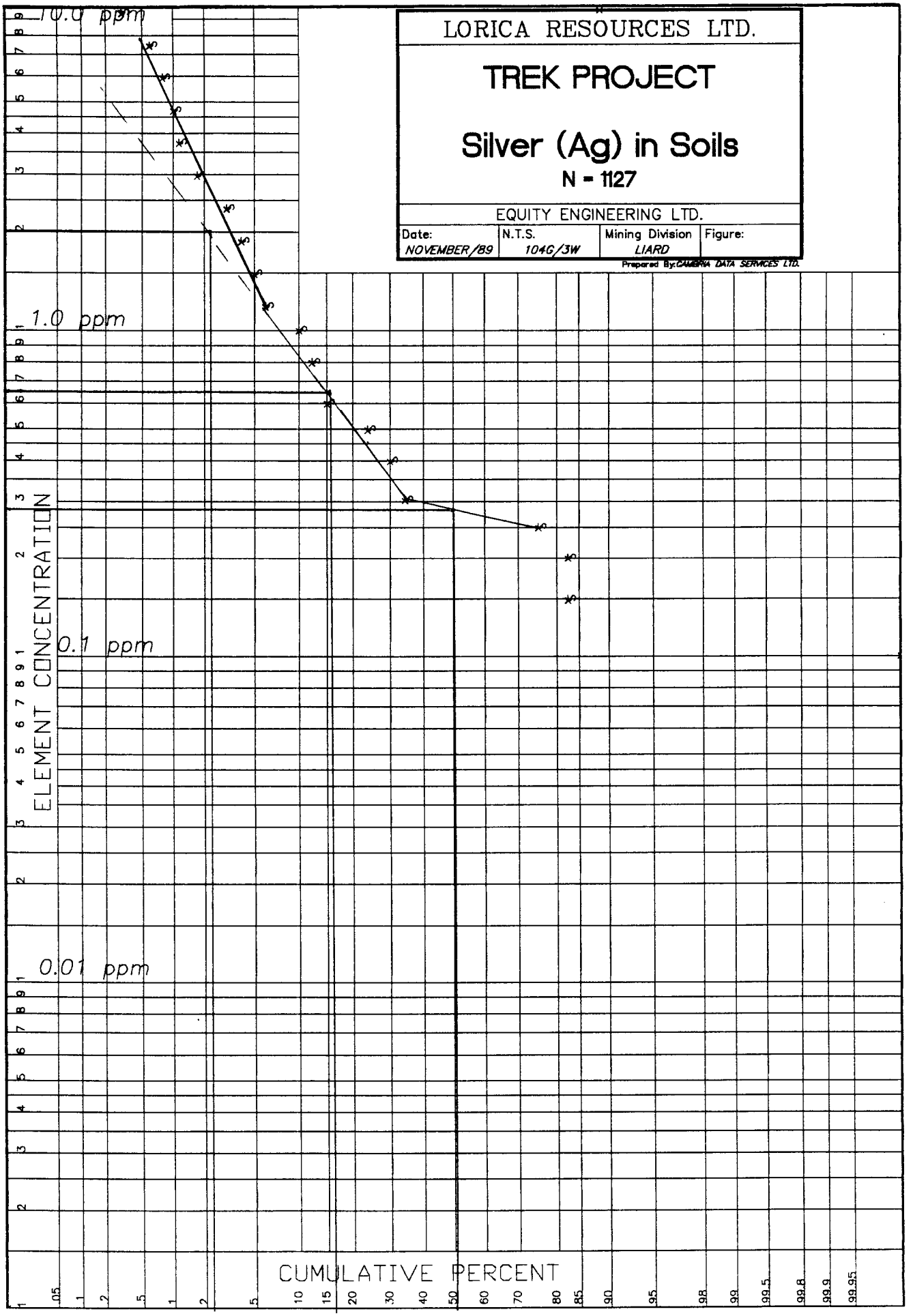
CERTIFICATION : B. Caughlin

APPENDIX E

LOG PROBABILITY PLOTS - SOIL GEOCHEMISTRY


LORICA RESOURCES LTD.
TREK PROJECT
Gold (Au) in Soils
N - 1127
EQUITY ENGINEERING LTD.
Date: NOVEMBER/89
N.T.S. 104G/3W
Mining Division LIARD
Figure:
Prepared By: CAMBRIA DATA SERVICES LTD.
10,000 ppm
1000 ppm
100 ppm
10 ppm
6+2s=320ppb
6+s=45ppb
b=6ppb
ELEMENT CONCENTRATION
CUMULATIVE PERCENT

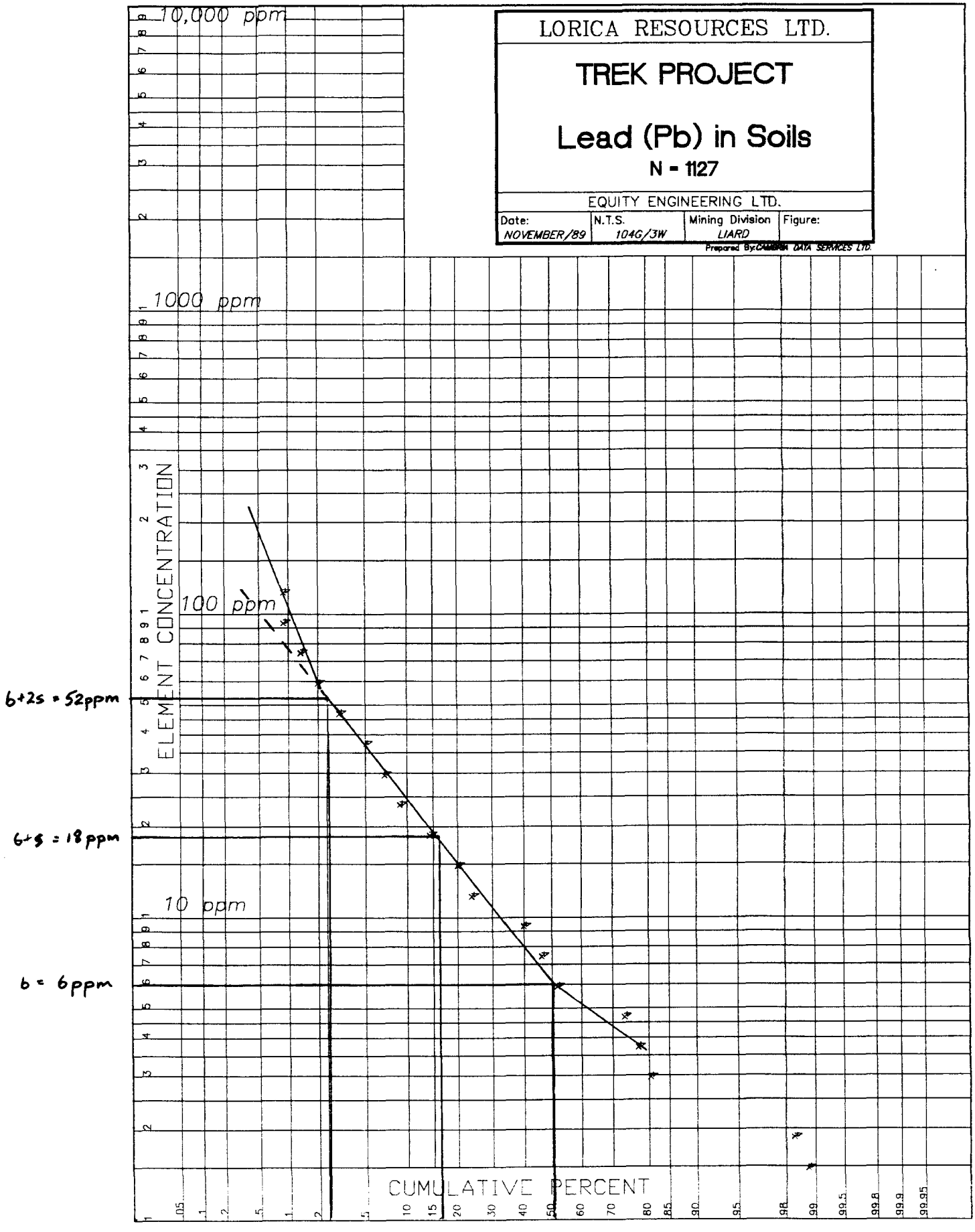

LORICA RESOURCES LTD.
TREK PROJECT
Copper (Cu) in Soils
N = 1127
EQUITY ENGINEERING LTD.
Date: NOVEMBER/89
N.T.S. 104G/3W
Mining Division LIARD
Figure:
Prepared By: CAMBRIA DATA SERVICES LTD.
10,000 ppm
1000 ppm
100 ppm
10 ppm
6+2S= 950ppm
6+S= 190 ppm
6 = 35ppm
ELEMENT CONCENTRATION
CUMULATIVE PERCENT



6+2s = 2.0 ppm

6+s ≈ 0.7 ppm

6 ≈ 0.3 ppm


LORICA RESOURCES LTD.
TREK PROJECT
Lead (Pb) in Soils
N = 1127
EQUITY ENGINEERING LTD.
Date: NOVEMBER/89
N.T.S. 104G/3W
Mining Division LIARD
Figure:
Prepared By: CANADIAN DATA SERVICES LTD.
10,000 ppm
1000 ppm
100 ppm
10 ppm
ELEMENT CONCENTRATION
CUMULATIVE PERCENT
b+2s = 52ppm
b+s = 18ppm
b = 6ppm

LORICA RESOURCES LTD.

TREK PROJECT

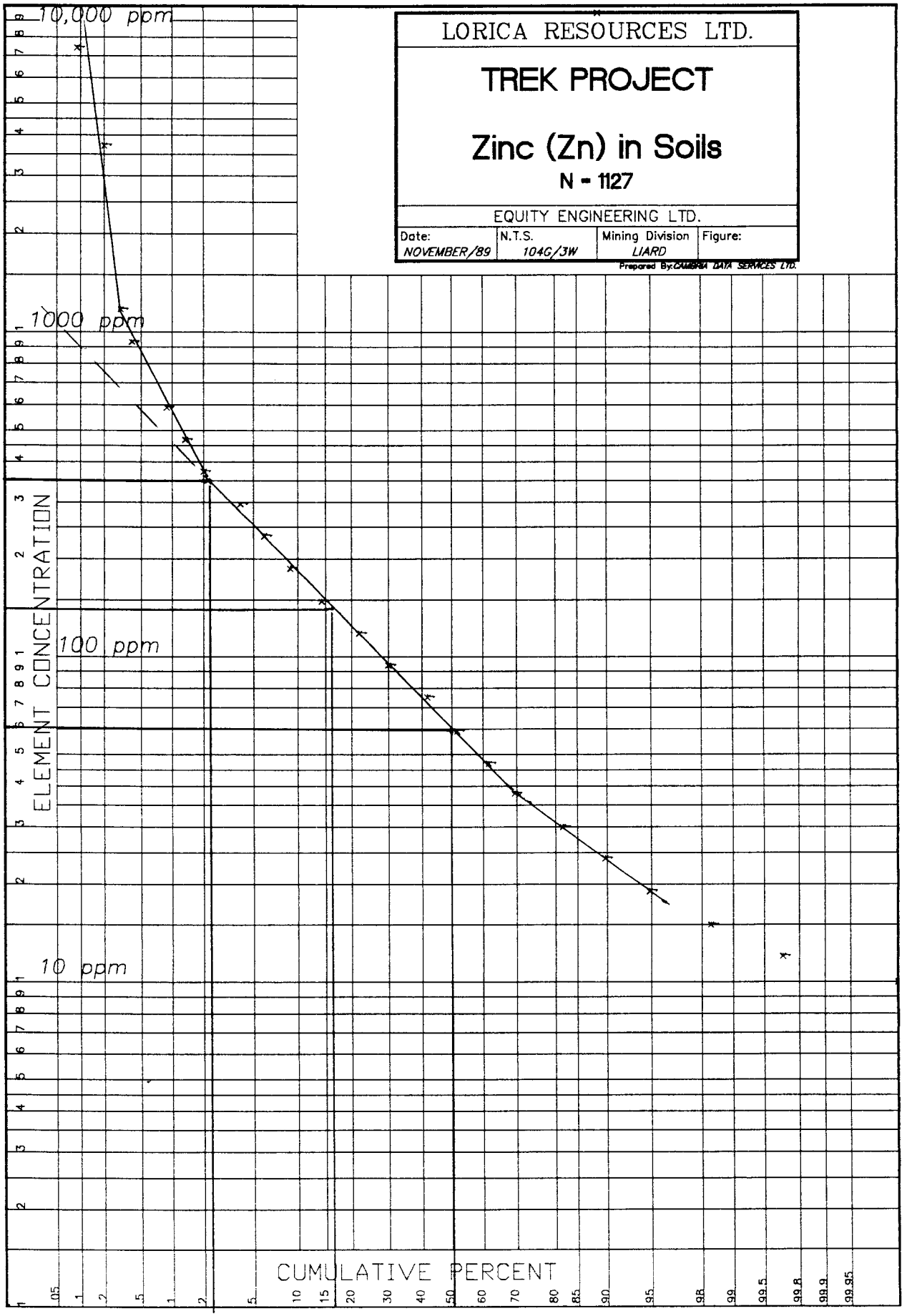
Zinc (Zn) in Soils

N = 1127

EQUITY ENGINEERING LTD.

Date:	N.T.S.	Mining Division	Figure:
NOVEMBER/89	104G/3W	LIARD	

Prepared By: CAMBRIA DATA SERVICES LTD.



APPENDIX F

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, DAVID A. CAULFIELD, of 3142 Gambier Street, Coquitlam, in the Province of British Columbia, DO HEREBY CERTIFY:

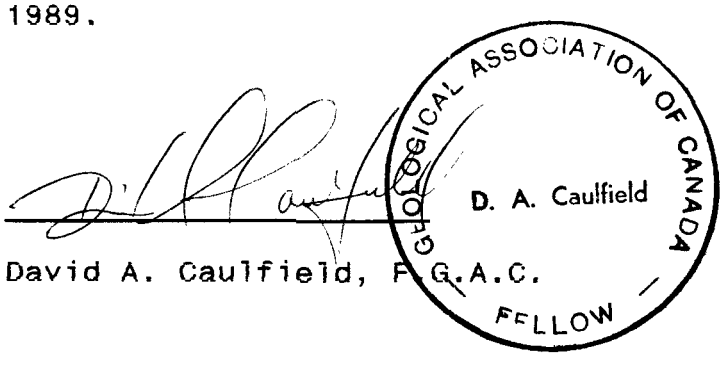
1. THAT I am a Consulting Geologist with offices at Suite 207, 675 West Hastings Street, Vancouver, British Columbia.

2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science degree in Geology.

3. THAT I am a Fellow of the Geological Association of Canada.

4. THAT this report is based on fieldwork carried out under my direction by personnel of Equity Engineering Ltd. in September and October 1989, government publications and assessment reports filed with the Province of British Columbia. Geological mapping and interpretation was performed in 1988 and 1989 by Brian K. Yamamura, a geologist with a wide range of experience in mineral exploration.

DATED at Vancouver, British Columbia, this 21 day of December, 1989.



David A. Caulfield, F.G.A.C.

APPENDIX G

GEOPHYSICAL REPORT

SJ GEOPHYSICS LTD.

for

EQUITY ENGINEERING LTD.

and

PASS LAKE RESOURCES LTD.

TREK CLAIMS

Sphaler Creek Area, Liard Mining District, B.C.

PROTON PRECESSION MAGNETOMETER SURVEY

&

VLF-EM SURVEY

(Extension of 1988 Survey)

December 1989 Lat: 57° - 02' N

N.T.S: 104 G/3 Long: 131° - 18' W

Syd Visser

TABLE OF CONTENTS

INTRODUCTION

The 1989 magnetometer and VLF-EM surveys were completed by SJ Geophysics Ltd. on the Trek claims, during the period of October 5, to October 12, 1989 at the request of David A. Caulfield, geologist with Equity Engineering Ltd. of Vancouver, B.C.. The Trek claims, under option by Pass Lake Resources Ltd., are located in the Iskut river area of northern B.C. and approximately 25Km north of Bronson Creek air strip.

The purpose of the 1989 surveys were to extend the 1988 survey (John Ashenhurst and Syd Visser 1988) to the south, detail the VLF-EM conductor located on the northern part of the grid and to complete and detail the magnetic coverage of the grid area.

FIELD WORK

Rolf Krowinkel, geophysicist with SJ Geophysics Ltd. and the equipment, mobilization by helicopter from Forest-Kerr air strip and camp on Oct 5, 1989 and demobilized to Smithers on Oct 12, 1989. The magnetic data was collected by SJ Geophysics Ltd. personal and the VLF-EM data was collected by Equity Engineering Ltd. personal. Inclement weather delayed the mobilization and demobilization and slowed the survey considerable.

A Gem Systems Ltd. model GSM-8 proton precession magnetometer and a Geonics Ltd. model EM-16(R) VLF receiver were employed for the surveys. Data was processed and plotted in Vancouver.

The base line direction is at an azimuth of 30 degrees and the lines were run at 120 degrees. Stations were hip-chained and flagged at 25 metre intervals with survey stations and extra flags at 12.5 metre intervals along the nineteen grid east-west lines. Distortion of the several geophysical anomalies encountered due to chaining errors should be minimal as the over-correcting of station separation seemed to be roughly equal throughout the grid and therefore should be approximately relative on the idealized grid used for plotting. The eastern extent of all lines was limited by a steep, impassable clay land-slide cliff or known geology.

Magnetic base stations were established along the base line in the 1988 survey and corrected to the first station surveyed. Data from each subsequent lines surveyed was then "loop corrected" by periodically tying into one of the base line base stations. All readings were taken with the magnetometer sensor facing approximately magnetic north (azimuth 27.5 degrees) to cut the most lines of magnetic flux as possible.

The very low frequency (VLF) transmitter station employed for the electromagnetic (EM) survey was NPM (23.4 kHz) located at Lualualei, Oahu, Hawaii. All in-phase and quadrature readings were taken facing approximately grid west and the in-phase dip-angle readings were Fraser filtered from east to west.

Per cent slope was collected using the clinometer on the EM 16. Slopes are plotted as if recorded from the base line facing to the east.

DATA PRESENTATION

The magnetometer and VLF-EM data collected in 1989 was combined with the data collected in 1988 and is presented on the following profile, contour and compilation maps at a scale of 1:2500 :

PLATE G 1A: Magnetometer Survey
Total Field Profiles

PLATE G 1B: Magnetometer Survey
Total Field Contours

PLATE G 2A: VLF-EM Profiles - Hawaii
Dip Angle / Quadrature

PLATE G 2B: VLF-EM Profiles - Hawaii
Filtered Dip Angle / Foresight

PLATE G 2C: VLF-EM Contours - Hawaii
Fraser Filtered Dip Angle

PLATE G 3: Compilation Map
Magnetics and VLF-EM Surveys

INTERPRETATION

The anomaly name preceding each of the following discussions is as those marked on the compilation map (plate G 3) denoting anomalous zones.

Anomaly A1 and A4

Anomalies A1 to A4 is a conductor that can be traced from line 100N to 575N and is open to the north. The conductor appears to be offset, by a few metres, in a number of places by cross-structures which gives the appearance of double conductors in a number of places, as described in the 1988 report. There is definite change in shape or character of the anomalies along the strike length of the conductor which is due to the depth to top, the conductivity of the conductor and topographic effects.

The conductor A1 appears to be a near surface contact zone that is probably mineralized but is much weaker than conductor A2, A3 and part of A4 .

Anomaly A2, A3 and line 200N of A4 are strong near surface conductors with good depth extend and are therefore the best exploration target for continues massive sulphides.

The conductor on lines 150N and 100W, of anomaly A4, appears to be deeper and possibly weaker than the conductor to the north.

There does not appear to be any direct correlation between any of the VLF-EM anomalies and any good magnetic anomalies. There is possibility some correlation between some weak magnetic anomalies an parts of the VLF-EM anomalies A2, A3 and A4. Because of the weak magnetic and the off-end effects due to the cross-structures, it is very difficult do determine the strike of the weak magnetic, anomalies especially near the VLF-EM anomaly A3. The magnetic data therefore suggest that the magnetic pyrrhotite found in the showings are localized although the massive sulphides appear to be continuous.

Anomaly B

Anomaly B is very similar to the southern part of anomaly A and it is therefore probably a continuation of the later anomaly. The major difference of this anomaly is that it is a contact zone with possibly banded magnetic volcanics to the east and possibly now-magnetic sediments to the west.

The conductor (anomalies A through B) appear to stop at a conductive cross-structure between lines 200S and 300S.

Anomaly C

Anomaly C is a weak VLF-EM anomaly with a corresponding weak magnetic anomaly. There is some indication that the VLF-EM and magnetic anomaly may continue to the south on line 350N and 300N although the lines do not extend far

enough to east to confirm this. This area should be prospected thoroughly for any indication of mineralization.

Anomaly D

Anomaly D appears to be a magnetic dyke dipping to the east. There is no VLF-EM anomaly associated with this magnetic anomaly.

Any of the VLF-EM anomalies noted in this area between lines 200S and 1200S appear to be very weak anomalies and are likely due to structures, geological contacts or topography.

Anomaly E

The north-west south-east trending sub-parallel magnetic high and very weak conductor is most likely a near surface contact between a intrusive unit to the south and possibly sediments to the north. The contact of the intrusive at depth appears to be parallel to and between lines 1300S and 1400S. The magnetite content of the intrusive appears to be highly variable as shown by the numerous magnetic anomalies, south of line 1200S, on plates G1a and G1b. The individual magnetic anomalies in this area were not marked on the compilation map.

Anomaly F

Anomaly F is the only significant VLF-EM anomaly on the southern (south of line 1200S) part of the grid. Although it appears to be in the intrusive rock the anomaly is significant enough to warrant further investigation.

RECOMMENDATIONS

1) It is recommended that any follow up work such as trenching or drilling be concentrated on the anomalies A2, A3 and line 200N on A4, at the beginning of the program and

later extended to take in anomalies A1 the remainder of A4 and anomaly B.

2) The conductive cross-structure at the south end of anomaly B especially on the base line should be correlated closely to the geochemical, geological data, prospected thoroughly and possible trenched to determine the possibility of mineralization along this trend. If there is any indication that this structure is mineralized it is recommended to trace the structure with VLF-EM on a grid parallel to the base line.

3) Because of the additional information from the 1989 magnetic survey showing a possible coincidental magnetic and VLF-EM anomaly, anomaly C is of much more interest than indicated in the 1988 survey and therefore should be investigated thoroughly. If possible the lines, especially 300N and 350N, should be extended to the east in this area

4) Anomaly F should also be further prospected to attempt to determine if this anomaly is within the intrusive and if there is any potential for massive sulphides. This anomaly is open to the north and therefore, if the anomaly proves significant, the survey should be extended in this area.

5) Should further information to establish depths, widths or conductivity be required to spot possible drill holes accurately, a horizontal loop electromagnetic survey over selected zones could be employed to obtain this information in areas which are not too steep. Further, in areas of extreme topography, a time domain EM survey, such as UTEM, could be employed to locate and determine anomalous zones more accurately.

CONCLUSIONS

The VLF-EM survey indicates a anomalous zone striking from approximately 200S to the north end of the grid at 575N. The VLF-EM anomaly from approximately 200N to 450N is a strong shallow conductor associated with sulphide mineralization. The part of the anomaly extending south to line 200S from 200N may be a continuation of this conductor and/or represent a contact between the volcanic and sedimentary rock as indicated by the magnetic survey. The extension of the anomaly to the north of line 450N is probably a continuation of the main conductor but less conductive. There does not appear to be any strong magnetic anomalies associated with the main VLF-EM conductor.

The magnetic survey indicates that the area south of line 1300S is probably underlain by a magnetically variable intrusive.

It is recommended to place the main emphases of future work such as trenching and drilling on the conductor between lines 200N and 450N, and that the cause of the anomalies on the east end of line 400N and the west end of 1400S should be investigated further.

Syd Visser, B.Sc., F.G.A.C.

Geophysicist
SJ Geophysics Ltd.

REFERENCES

Ashenhurst, John
Visser, Syd, 1988, Proton Precession Magnetometer Survey
and VLF-EM Survey, July, 1988:
S.J.V. Consultants LTD.

APPENDIX I

STATEMENT OF QUALIFICATIONS

I, Syd J. Visser, of 8081 - 112th Street, Delta, British Columbia, hereby certify that,

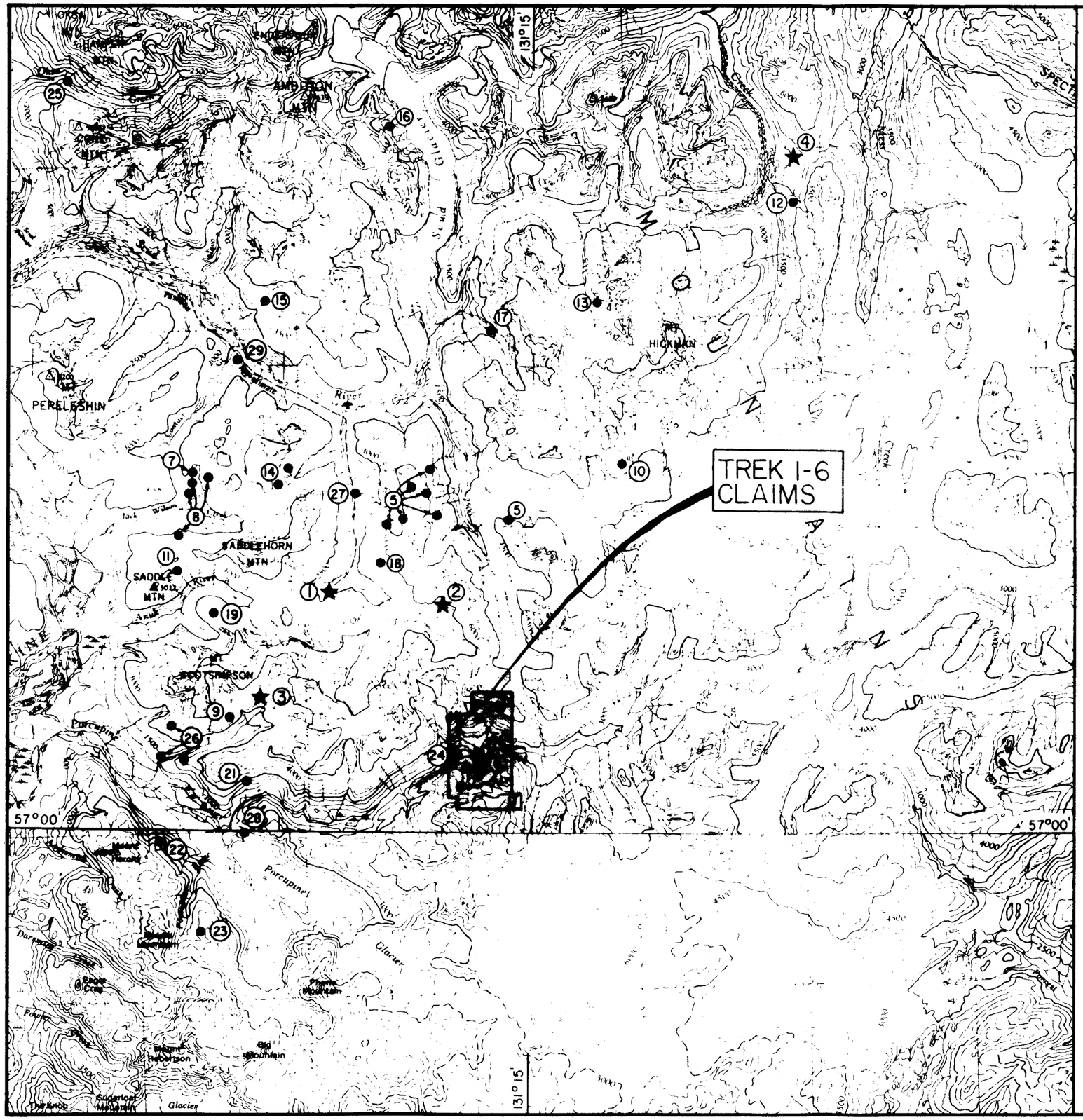
1) I am a graduate from the University of British Columbia, 1981, where I obtained a B.Sc. (Hon.) Degree in Geology and Geophysics.

2) I am a graduate from Haileybury School of Mines, 1971.

3) I have been engaged in mining exploration since 1968.

4) I am a Fellow of the Geological Association of Canada.

Syd J. Visser, B.Sc., F.G.A.C.
Geophysicist



NAME OF OCCURRENCE		MINERAL RESERVES AND/OR ELEMENTS	
1.	Galore Creek	125,000,000 tonnes	0.40 gm/tonne Au 7.70 gm/tonne Ag
2.	Copper Canyon	25,000,000 tonnes	0.64% Cu
3.	Paydirt	185,000 tonnes	4.11 gm/tonne Au
4.	Schaft Creek	330,000,000 tonnes	0.32 gm/tonne Au 1.50 gm/tonne Ag 0.40% Cu 0.036% MoS_2
5.	Trophy	Au, Cu, Pb, Zn, Ag	
6.	Trek	Au, Cu, Pb, Zn, Ag, Mo	
7.	Icy	Au, Cu, Ag	
8.	Jack Wilson	Au, Cu	
9.	Ann/Su	Cu	
10.	Jay	Cu, Au, Ag	
11.	Devil's Club	Cu, Ag, Au	
12.	Hicks	Cu, Mo	
13.	Alberta	Cu	
14.	Pup	Cu, Au, Pb, Zn	
15.	JD	Cu, Au, Pb, Zn	
16.	North Scud	Cu	
17.	Middle Scud	Cu, Ag	
18.	Stikine East	Cu	
19.	Joan, MB	Cu, Au, Ag	
20.	Kim	Cu, Au, Ag	
21.	Wiser	Au, Ag	
22.	Cuds	Au, Ag, Pb, Cu	
23.	Ginny	Au	
24.	Sphal	Cu, Au	
25.	Oksa Creek	Cu, Pb, Zn, Au, Ag	
26.	PL 7-11	Au, Ag, Cu, Zn	
27.	Bik	Cu	
28.	Glenlivet	Au	
29.	Bell	Au	

● MINERAL OCCURRENCE

★ MINERAL DEPOSIT

Km 0 5 10 15 Km

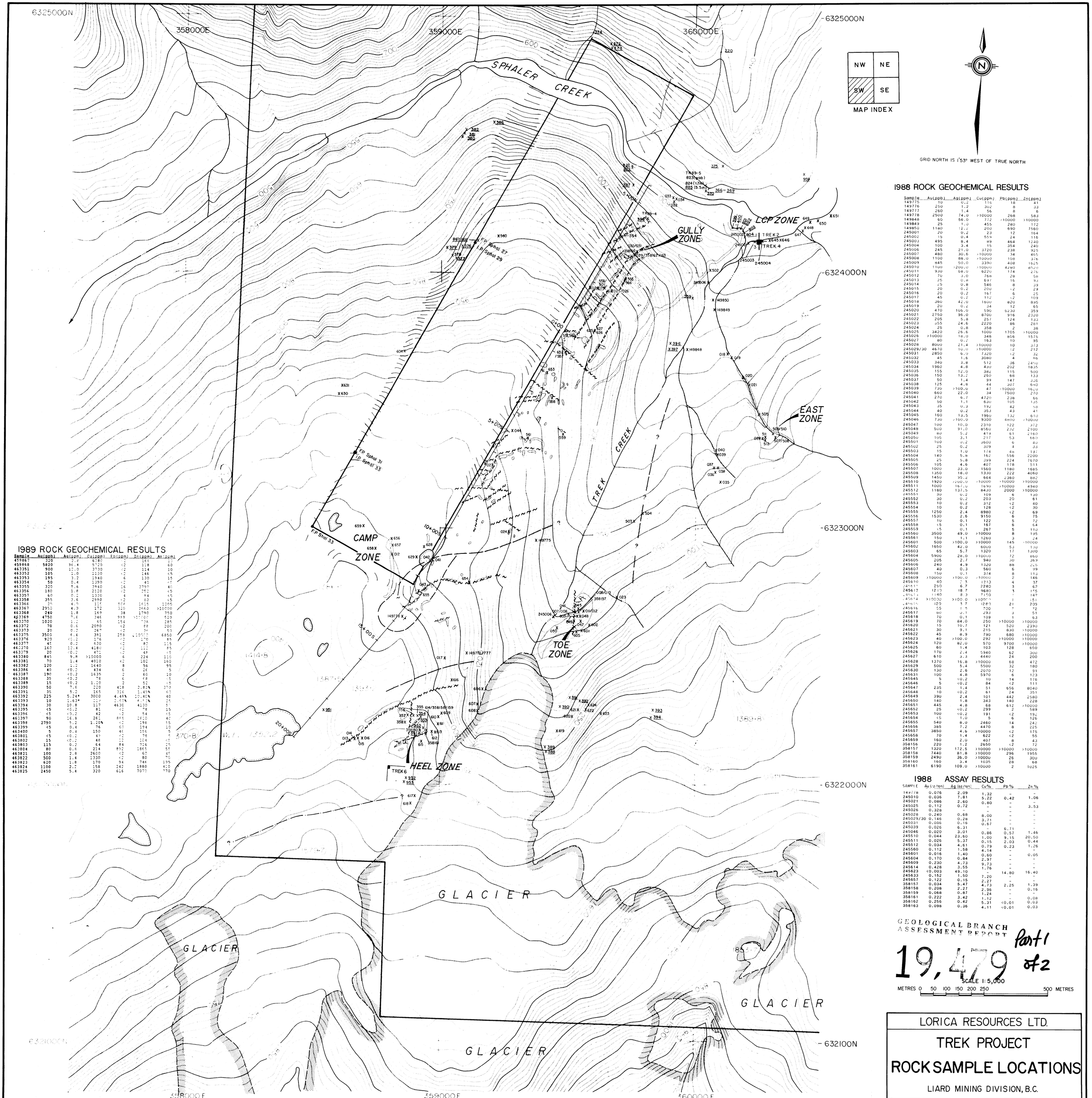
LORICA RESOURCES LTD.

REGIONAL MINERAL OCCURRENCE MAP

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

Drawn: J.W.		MINING DIV: LIARD	FIGURE
N.T.S.:	104 B, G	SCALE: 1:250,000	3
DATE:	DEC.1989	REVISED:	



NW | NE
SW | SE

MAP INDEX

GRID NORTH IS 1°53° WEST OF TRUE NORTH

1988 ROCK GEOCHEMICAL RESULTS

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)
149775	10	0.2	116	18	41
149776	250	1.2	302	8	33
149777	260	1.4	56	8	6
149778	2500	74.0	>10000	268	583
149848	60	56.0	772	>10000	>10000
149849	25	1.0	455	280	172
149850	1180	12.2	200	690	7560
245001	20	0.2	23	12	164
245002	15	0.4	559	24	116
245003	495	8.4	89	464	1240
245004	100	3.4	15	354	240
245006	245	21.0	3720	238	925
245007	480	30.6	>10000	34	465
245008	1100	88.0	>10000	108	376
245009	845	50.0	3390	408	1625
245010	1100	>200.0	>10000	4280	8520
245011	930	68.0	6220	174	276
245012	70	3.0	766	28	58
245013	25	0.8	697	16	93
245014	25	0.8	546	8	39
245015	20	0.2	200	<2	29
245016	20	0.2	167	6	25
245017	45	0.2	112	<2	109
245018	360	42.0	1600	820	895
245019	20	0.2	34	12	65
245020	470	106.0	590	6230	359
245021	2750	96.0	8700	916	2320
245022	205	5.8	257	124	133
245023	355	24.6	2220	86	281
245024	25	0.8	358	2	38
245025	3420	26.6	1000	1705	>10000
245026	>10000	18.0	348	856	1575
245027	80	0.2	163	10	95
245028	8000	21.4	>10000	10	373
245029/30	4670	10.0	>10000	<2	212
245031	2850	6.9	7320	<2	32
245032	45	1.6	3080	4	86
245033	340	3.8	512	36	2450
245034	1960	4.8	430	202	1835
245035	155	12.0	384	115	500
245036	150	13.2	260	68	133
245037	50	1.4	99	147	326
245038	125	4.8	44	307	640
245039	730	>100.0	47	>10000	1620
245040	660	22.0	34	7500	270
245041	270	6.7	4720	238	66
245042	50	1.1	630	105	135
245043	35	0.2	192	42	58
245044	40	0.2	353	43	41
245045	160	13.5	1960	132	610
245046	730	>100.0	9300	4800	>10000
245047	100	10.0	2310	122	472
245048	500	91.0	8560	232	2100
245049	80	5.2	419	61	2160
245050	105	3.1	217	53	660
245501	100	0.2	3600	6	40
245502	25	0.2	309	4	33
245503	15	1.0	174	46	130
245504	140	5.8	162	556	2200
245505	25	5.8	399	224	7670
245506	105	4.6	407	178	511
245507	1000	33.0	1560	1180	1685
245508	1350	18.0	1330	222	4060
245509	1450	95.2	664	2360	882
245510	1920	>200.0	>10000	>10000	>10000
245511	1000	164.0	>10000	>10000	4940
245512	1180	137.5	8430	2000	>10000
245551	30	0.2	109	6	130
245552	30	0.2	203	20	61
245553	10	0.2	312	<2	40
245554	10	0.2	128	<2	30
245555	1250	2.4	8980	<2	69
245556	1530	2.6	9150	6	75
245557	10	0.1	122	5	72
245558	<5	0.1	167	6	64
245559	<5	0.1	267	5	110
245560	3500	49.0	>10000	8	195
245561	150	1.1	1260	3	24
245601	500	>100.0	>10000	145	>10000
245602	1650	42.0	6000	54	140
245603	65	5.7	1320	17	1300
245604	5900	28.0	>10000	72	860
245605	205	2.7	940	30	369
245606	240	4.9	1320	88	225
245607	40	0.3	560	6	99
245608	150	0.1	374	8	113
245609	>10000	>100.0	>10000	2	146
245610	40	0.3	1210	4	37
245611	290	6.7	2280	3	62
245612	1210	18.7	9680	1	155
245613	1140	8.3	7150	1	149
245614	>10000	>100.0	>10000	1	151
245615	120	3.7	1283	21	209
245616	25	1.5	700	3	72
245617	80	0.1	293	3	51
245618	70	0.1	109	1	63
245619	70	84.0	250	>10000	>10000
245620	15	10.7	121	520	2390
245621	30	9.1	215	830	>10000
245622	45	8.9	790	680	>10000
245623	40	>100.0	292	>10000	>10000
245624	120	82.0	570	9700	>10000
245625	60	1.4	103	128	650
245626	170	2.4	5940	62	300
245627	610	3.3	4440	24	200
245628	1370	16.8	>10000	68	472
245629	500	5.4	5500	32	180
245630	130	2.6	2070	12	91
245631	100	4.8	5970	6	123
245645	5	<0.2	10	14	176
245646	5	<0.2	84	<2	111
245647	235	1.4	51	656	8040
245648	10	<0.2	61	24	351
245649	390	2.4	101	442	2580
245650	140	1.8	343	140	228
245651	445	4.8	68	612	>10000
245652	25	<0.2	299	2	589
245653	100	<0.2	191	<2	193
245654	<5	1.0	5	6	126
245655	540	8.0	2460	14	242
245656	385	7.2	4470	8	225
245657	3850	4.6	>10000	<2	175
245658	70	1.4	622	<2	55
245659	160	2.0	407	8	43
358156	220	1.2	2650	<2	72
358157	1320	172.5	>10000	>10000	>10000
358158	7440	81.8	>10000	296	1955
358159	2490	36.0	>10000	26	300
358160	160	3.4	1035	28	68
358161	6190	109.0	>10000	2	1025

1989 ROCK GEOCHEMICAL RESULTS

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
459867	320	2.4	6580	<2	188	60
459868	5820	96.4	5720	<2	218	60
463351	900	12.0	3730	<2	114	10
463352	105	1.0	2130	<2	146	<5
463353	195	3.2	5940	6	130	15
463354	50	0.4	1390	<2	40	<5
463355	320	5.6	3940	16	3790	40
463356	180	1.8	2120	<2	252	<5
463357	60	0.2	1330	4	64	<5
463358	355	3.6	2990	<2	80	<5
463366	35	4.0	112	592	1615	1205
463367	2950	4.0	172	320	3440	>10000
463368	240	1.8	169	38	1790	750
463369	4750	7.6	346	968	>10000	520
463370	1020	1.1	65	254	736	285
463372	70	0.6	2090	<2	88	200
463373	20	0.2	267	<2	34	50
463375	3500	6.4	381	258	>10000	6850
463376	920	<0.2	176	<2	170	665
463377	45	0.2	630	<2	82	115
463378	160	12.4	4180	<2	112	85
463379	20	<0.2	42	<2	68	<5
463380	845	9.8	>10000	6	224	110
463381	70	1.4	4010	<2	102	160
463382	120	1.2	1640	8	56	95
463386	40	<0.2	434	6	26	5
463387	190	<0.2	1635	2	60	10
463388	35	<0.2	76	6	68	<5
463389	15	<0.2	1120	2	52	<5
463390	50	7.6	220	418	2.83%	370
463391	35	5.2	165	316	1.49%	60
463392	225	5.24*	3000	4.48%	10.40%	40
463393	10	1.63*	224	2.05%	4.74%	25
463394	30	10.8	117	4630	4130	50
463395	<5	<0.2	81	<2	78	15
463396	<5	<0.2	42	<2	54	5
463397	90	16.8	261	895	2610	40
463398	2790	5.2	1.20%	<2	198	55
463399	<5	0.4	76	60	194	10
463400	5	0.4	150	46	156	5
463801	<5	<0.2	49	<2	78	5
463802	15	<0.2	48	22	104	55
463803	115	0.2	644	84	726	65
463804	80	0.8	214	852	1865	55
463821	100	2.8	2600	<2	60	45
463822	500	1.4	1330	<2	80	70
463823	620	1.8	170	94	746	195
463824	1100	2.2	158	242	1880	420
463825	2450	5.4	320	616	7070	770

1988 ASSAY RESULTS

SAMPLE	Au (oz/ton)	Ag (oz/ton)	Cu%	Pb%	Zn%
149778	0.076	2.09	1.32	–	–
245010	0.036	7.81	5.22	0.42	1.06
245021	0.086	2.60	0.80	–	–
245025	0.112	0.72	–	–	3.53
245026	0.328	–	–	–	–
245028	0.240	0.68	8.00	–	–
245029/30	0.146	0.28	3.71	–	–
245031	0.086	0.16	0.67	–	–
245039	0.026	6.31	–	6.71	–
245046	0.020	3.01	0.86	0.57	1.46
245510	0.044	23.60	1.00	9.15	20.50
245511	0.026	5.37	0.15	2.03	0.44
245512	0.034	4.61	0.79	0.23	1.26
245560	0.112	1.58	4.14	–	–
245601	0.016	1.40	0.60	–	0.05
245604	0.170	0.84	2.97	–	–
245609	0.230	4.73	9.73	–	–
245614	0.428	3.55	1.76	–	–
245623	<0.003	49.10	–	14.80	16.40
245633	0.152	1.50	7.20	–	–
245657	0.122	0.15	2.27	–	–
358157	0.034	5.47	4.73	2.25	1.39
358158	0.208	2.27	2.96	–	0.16
358159	0.068	0.87	1.24	–	–
358161	0.222	3.42	1.12	–	0.08
358162	0.256	0.42	5.31	<0.01	0.03
358163	0.098	0.36	4.11	<0.01	0.03

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,479 Part 1 of 2

SCALE 1: 5,000

METRES 0 50 100 150 200 250 500 METRES

LORICA RESOURCES LTD.

TREK PROJECT

ROCK SAMPLE LOCATIONS

LIARD MINING DIVISION, B.C.

EQUITY ENGINEERING LTD.

DRAWN	N.T.S.	DATE	FIG. No.
J.W.	104 G/3 W	DEC. 1989	7

361000 E

362000 E

363000 E

6327000N

6326000N

6325000N

GLACIER

GLACIER

GLACIER

1968.7

1900

1850

1800

1750

1700

1650

1600

1550

1500

1450

1400

1350

1300

1250

1200

1150

1100

1050

1000

950

900

850

800

750

700

650

600

550

500

450

400

350

300

KIM CLAIMS

TREK 1 TREK 2

TREK 3 TREK 4

TREK 5

1687.6

924.0

935.0

MAP INDEX

NW	NE
SW	SE

GRID NORTH IS 1°53° WEST OF TRUE NORTH

LEGEND

JURASSIC TO TERTIARY

- 20R Rhyolite
- 19M Quartz Monzonite
- 19D Diorite
- 12S Syenite

UPPER TRIASSIC

- 8 Undifferentiated Volcanics
  - 8A Andesite Crystal Tuff/Agglomerate
  - 8B Volcanic Conglomerate
  - 8C Amygdaloidal Basalt/Basaltic Dykes
  - 8D Augite Porphry
  - 8E Feldspar Porphry
- 5 Undifferentiated Sediments
  - 5A Shale, Siltstone, and Conglomerate
  - 5B Greywacke
  - 5C Limestone

ALTERATION

- a Chlorite – epidote
- v Quartz – calcite – epidote
- m Disseminated sulphide mineralization
- h Hornfels
- s Sheared +/– Fe-Carbonate

SYMBOLS

- Foliation (inclined, vertical)
- Joint, Fracture (inclined, vertical)
- Bedding (inclined, vertical)
- Vein (inclined, vertical)
- Outcrop
- Lithological Contact (inferred)
- Fault or Shear Zone (Inferred: unknown orientation, Inclined)
- X 661, 662 Rock Sample Location (1988 series, 389 series)
- 321 Stream Sediment Sample Location
- Legal Corner Post (Located)

SCALE 1:5,000

METRES 0 50 100 150 200 250 500

1989 ROCK GEOCHEMICAL RESULTS

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
459958a	<5	<0.2	86	<2	76	<5
463359	50	0.4	161	8	104	10
463360	55	2.0	953	<2	80	135
463361	160	4.2	1685	<2	124	235
463362	80	1.0	63	<2	42	130
463363	700	3.4	1135	<2	68	<5
463364	25	0.6	97	<2	70	115
463365	135	1.8	750	<2	70	85
463383	<5	<0.2	219	10	180	65
463384	85	5.6	4510	4	32	60
463385	<5	<0.2	73	<2	88	15
463805	<5	<0.2	79	32	60	<5
463806	25	<0.2	81	<2	70	<5
463807	<5	<0.2	9	4	62	10
463808	5	<0.2	5	2	48	<5
463809	25	0.2	241	<2	58	5
463810	<5	<0.2	8	<2	38	15
463811	70	<0.2	19	<2	46	80
463812	<5	<0.2	6	<2	38	<5
463813	<5	1.6	113	<2	634	15
463814	<5	<0.2	8	<2	60	5
463815	200	<0.2	113	<2	56	400
463816	120	28.2	>10000	<2	114	125
463817	45	2.2	786	10	40	100
463818	110	3.2	1100	8	54	205
463819	185	22.0	>10000	4	80	220
463820	35	0.2	332	<2	50	105
463958	<5	<0.2	65	4	70	<5

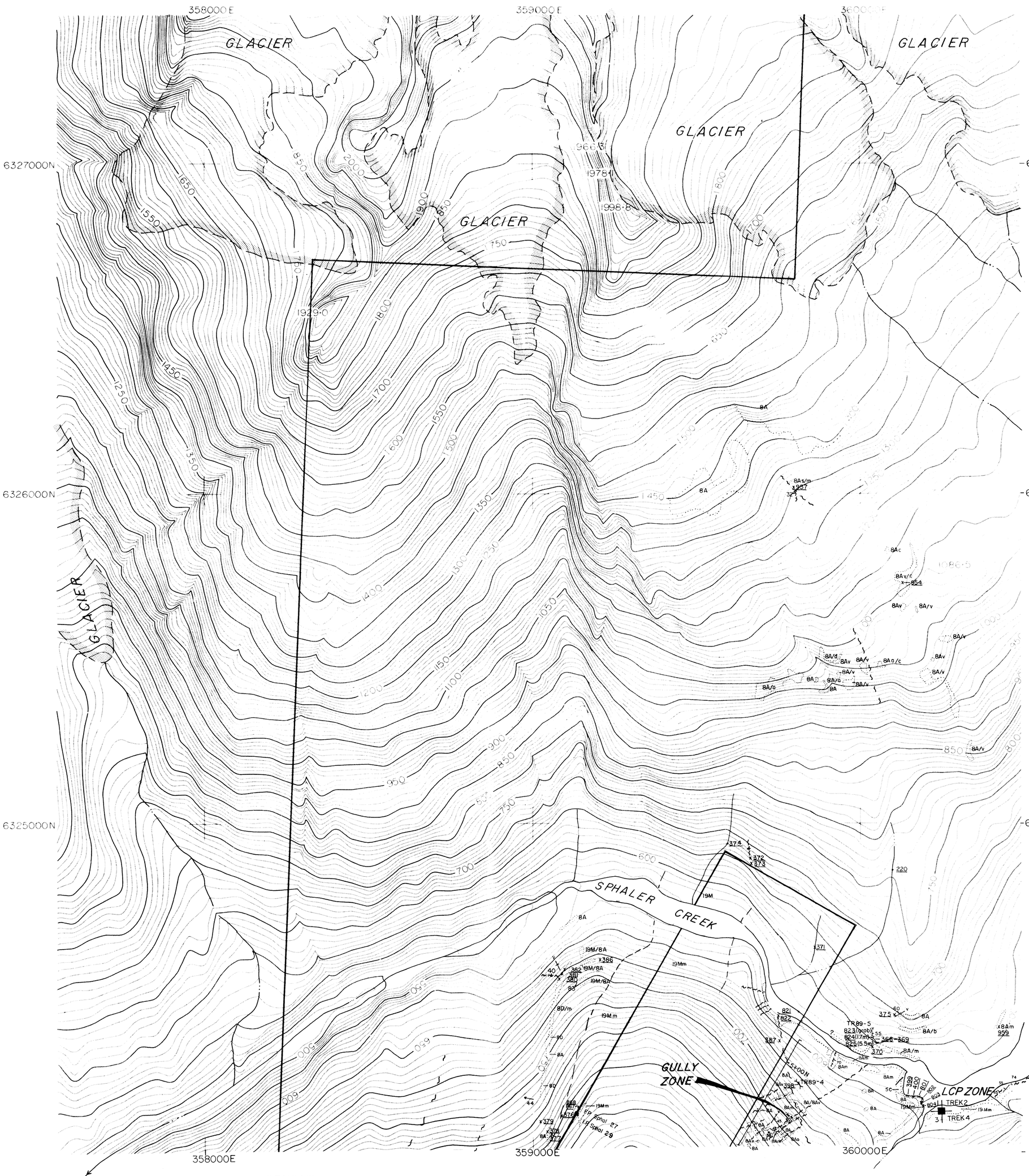
LORICA RESOURCES LTD.

TREK PROJECT
GEOLOGY & ROCK SAMPLE LOCATIONS

LIARD MINING DIVISION, B.C.

EQUITY ENGINEERING LTD.

DRAWN	N.T.S.	DATE	FIG.No.
D.C.	104G/3W	DEC., 1989	10



LEGEND

JURASSIC TO TERTIARY

- 20R Rhyolite
- 19M Quartz Monzonite
- 19D Diorite
- 12S Syenite

UPPER TRIASSIC

- 8 Undifferentiated Volcanics
  - 8A Andesite Crystal Tuff/Agglomerate
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ALTERATION

- a Chlorite–epidote
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- Foliation (inclined, vertical)
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- Fault or Shear Zone (Inferred: unknown orientation, inclined)
- x 661, 662 Rock Sample Location (1988 series, 1989 series)
- • 321 Stream Sediment Sample Location
- Legal Corner Post (located)

SCALE 1: 5000
METRES 0 50 100 150 200 250 500 METRES

1989 ROCK GEOCHEMICAL RESULTS

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
459867	320	2.8	6380	<2	166	10
459868	5820	96.4	5720	<2	118	60
463366	25	4.0	115	508	1615	1305
463367	2950	4.0	172	320	3660	>10000
463368	240	1.8	169	38	1790	750
463369	4750	7.6	546	988	>10000	520
463370	1020	1.2	65	154	738	285
463372	70	0.6	2090	<2	88	200
463373	20	0.2	267	<2	36	50
463375	3500	6.4	381	258	>10000	6850
463376	920	<0.2	176	<2	170	85
463377	45	0.2	630	<2	82	135
463378	160	12.4	4180	<2	1132	85
463379	20	<0.2	471	<2	48	<5
463380	845	9.8	>10000	6	224	110
463381	70	1.4	4010	<2	102	160
463382	120	1.2	1640	8	56	95
463386	40	<0.2	4.4	6	26	5
463387	190	<0.2	1635	2	60	10
463398	2790	5.2	1.20%	<2	198	55
463399	<5	0.4	76	60	194	10
463400	5	0.4	150	46	196	5
463801	<5	<0.2	49	<2	78	5
463802	15	<0.2	48	12	104	<5
463803	115	0.2	64	84	716	25
463804	80	0.8	214	892	1865	55
463821	100	2.8	2600	<2	60	45
463822	500	1.4	1330	<2	80	70
463823	620	1.8	170	94	746	195
463824	1100	2.2	158	242	1880	415
463825	2450	5.4	320	616	7070	770
463954	30	<0.2	467	<2	56	<5
463957	25	0.4	447	4	72	55
463959	35	<0.2	62	<2	142	<5

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
463951	660	11.2	6930	<2	180	<5
463952	30	<0.2	161	<2	94	20
463953	55	<0.2	63	<2	72	20

1989 SILT GEOCHEMICAL RESULTS

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
459220	<5	<0.5	466	5	222	-
463371	<5	<3.5	98	5	158	-
463374	<5	<0.5	353	5	138	-

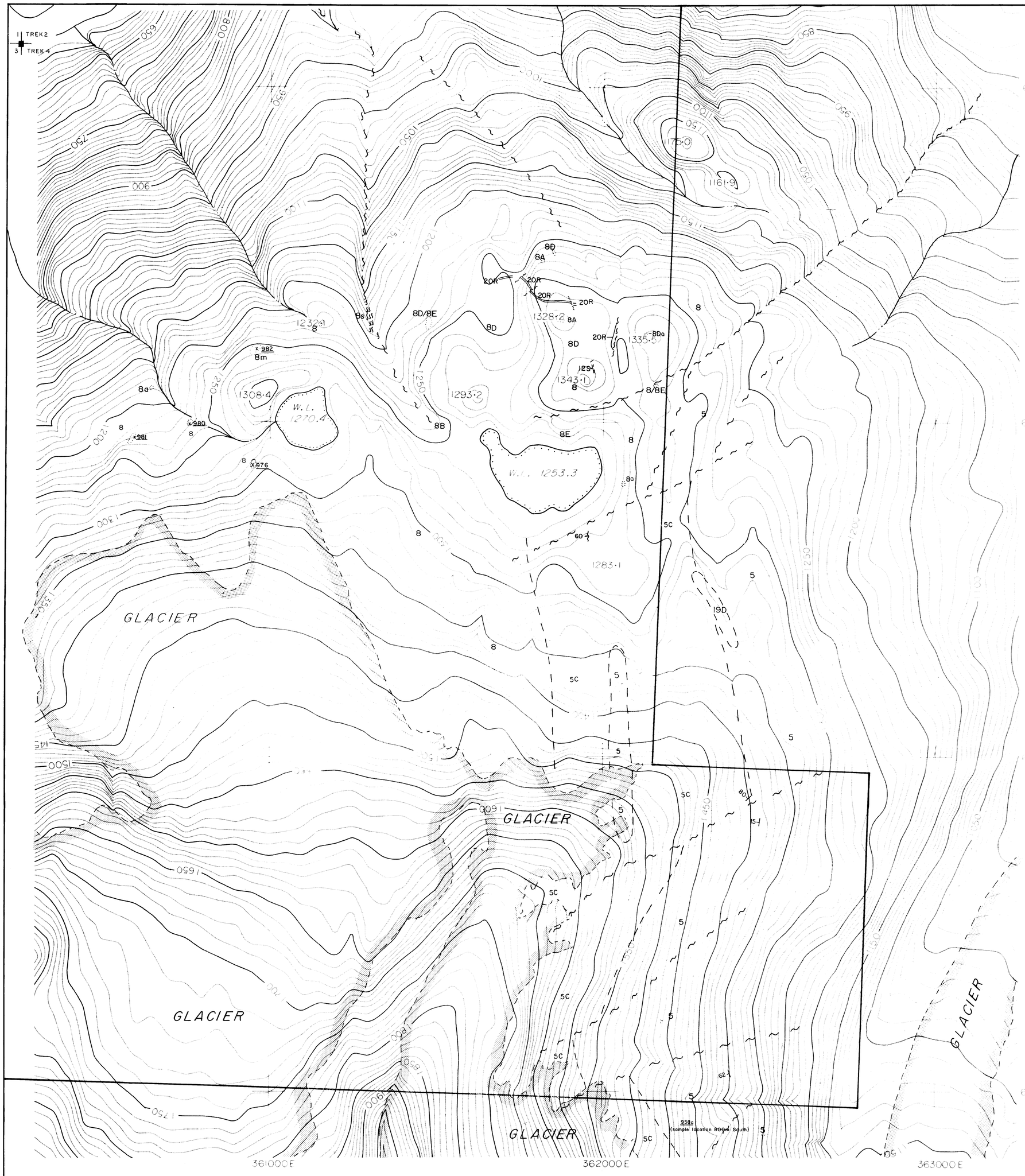
LORICA RESOURCES LTD.

TREK PROJECT
GEOLOGY & ROCK SAMPLE LOCATIONS

LIARD MINING DIVISION, B.C.

EQUITY ENGINEERING LTD.

DRAWN.	N.T.S.	DATE	FIG. No.
D.C.	104 G/3W	DEC, 1989	9



NW | NE
SW | SE

MAP INDEX

N

GRID NORTH IS 1°53° WEST OF TRUE NORTH

LEGEND

JURASSIC TO TERTIARY

- 20R Rhyolite
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SYMBOLS

- Foliation (inclined, vertical)
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- x 661,662 Rock Sample Location (1988 series, 1989 series)
- . 321 Stream Sediment Sample Location
- Legal Corner Post (located)

SCALE 1:5,000

METRES 0 50 100 150 200 250 500 METRES

1989 ROCK GEOCHEMICAL RESULTS

Sample	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)
459979	<5	<0.2	122	2	64	25
459980	<5	<0.2	169	<2	364	<5
459981	<5	<0.2	198	<2	140	<5
459982	5	<0.2	97	2	164	36

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TREK PROJECT
GEOLOGY & ROCK SAMPLE LOCATIONS

LIARD MINING DIVISION, B.C.

EQUITY ENGINEERING LTD.

DRAWN	N.T.S	DATE	FIG. No.
D.C.	104G/3W	DEC., 1989	8

358000E
359000E
360000E
6324000N
6323000N
6322000N
6321000N
SPHALER CREEK
TREK CREEK
GULLY ZONE
LCP ZONE
EAST ZONE
CAMP ZONE
TOE ZONE
HEEL ZONE
TREK2
TREK 4
TREK6
F.P. Sphal 27
F.P. Sphal 29
F.P. Sphal 31
F.P. Sphal 33
8A
8B
19M
19Mm
19D
GLACIER

NW | NE
SW | SE
MAP INDEX

GRID NORTH IS 1°53° WEST OF TRUE NORTH

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JURASSIC TO TERTIARY

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SCALE 1:5,000
METRES 0 50 100 150 200 250 500 METRES

LORICA RESOURCES LTD.

TREK PROJECT

GEOLOGY

LIARD MINING DIVISION, B.C.

EQUITY ENGINEERING LTD.

DRAWN.	N.T.S.	DATE.	FIG. No.
J.W.	104 G/3 W	DEC, 1989	6