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EXPATRIATE RESOURCES LTD.

GEOLOGICAL AND GEOCHEMICAL REPORT ON THE LIP PROPERTY - FINLAYSON PROJECT

Yukon Territory
NTS 105G/14
61°47' North Latitude 131°20' West Longitude

Prepared for

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This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 103,625.

M. Burke

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

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1.0 INTRODUCTION

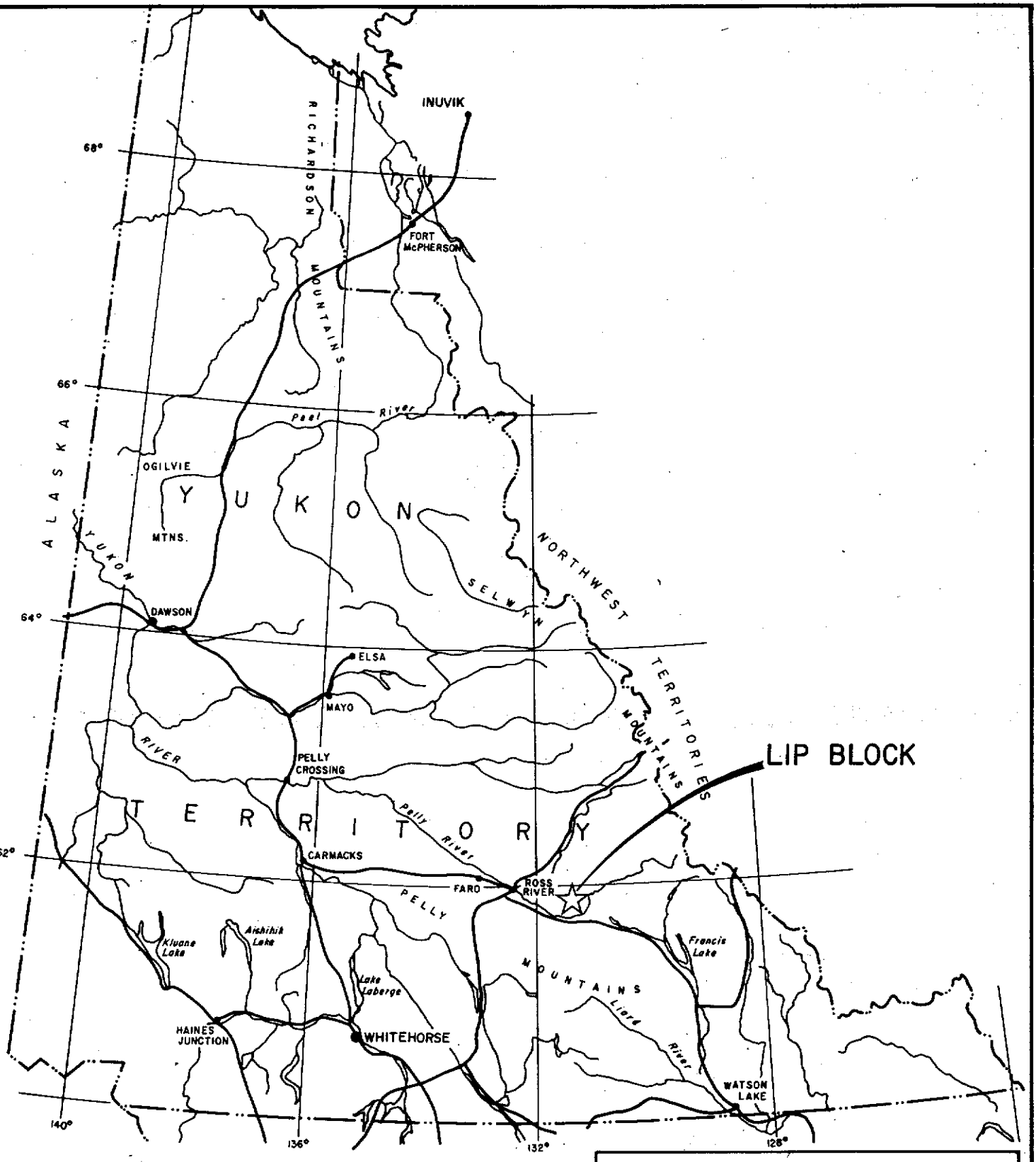
The 416 unit Lip property is located in the south-eastern Yukon, approximately 80 kilometres southeast of Ross River, in the Watson Lake Mining District (Figure 1). The property was the focus of exploration in the late 1970's and early 1980's in the search for SEDEX deposits like those at Faro, 150 km to the northwest. The property is underlain by rocks of the Devono-Mississippian Yukon Tanana Terrane (YTT), and the late Devonian to late Triassic Slide Mountain Terrane (SMT). To date, significant discoveries in the YTT include Cominco's nearby ABM deposit (Kudz Ze Kayah), Columbia Gold's Fyre Lake deposit and Westmin/Atna's Wolverine deposit. The SMT, which consists of oceanic basalts, and associated sediments, is host to Expatriate Resource's nearby Ice deposit and Atna's Money property. In 1997, Expatriate Resources Ltd. contracted Equity Engineering Ltd. (Equity) to conduct an exploration program on the Lip property and to report on the fieldwork. The main activity of this years program was the completion of reconnaissance soil sampling along claim lines, that for the most part, run perpendicular to stratigraphy. Other, more tightly spaced sample lines were located on geophysical conductors and specific geological targets defined by the 1996 surface work and airborne geophysical surveys. In addition to the soil survey, limited mapping and prospecting was carried out in the north central area and soil geochemical anomalies were prospected in a follow-up program in the late fall. The geochemical survey resulted in the definition of several elongate coincident copper-lead-zinc-barium±gold-silver anomalies. These anomalies show a strong parallelism with stratigraphy, however, this direction also parallels the dominant glacial transport direction. No new sulphide occurrences were found in this year's work, however, lenses of massive barite were found in an area of coincident and anomalous barium and copper soil geochemistry. The interval of stratigraphy hosting the barite is interpreted as a siliceous and baritic exhalite typical of VMS deposits in general and more specifically like those associated with the Wolverine deposit. This barium-enriched interval lies structurally below mafic volcanics and argillaceous and cherty clastic rocks and footwall carbonaceous phyllites. This gross stratigraphic setting is again analogous to the situations at both the Wolverine and ABM deposits. The geochemical anomaly associated with the barite mineralization continues to the southeast and in addition to copper and barium becomes anomalous in lead, zinc and silver with spotty gold. This linear anomalous trend is of significant interest and should be the focus of further and more concentrated work. A number of other geochemical anomalies are evident, however, the majority of these have no surface expression, are of less intensity or are related to secondary fluvial or glacial processes.

2.0 MINERAL CLAIMS

The Lip property is comprised of 416 contiguous Yukon mineral claims, located in the Watson Lake Mining District (Figure 2). The claims are currently under option agreement to Expatriate Resources Ltd. from Condor International Resources Inc. which in turn has an option with Garibaldi Exploration Ltd. Claim data for the Lip claims are contained in Appendix C.

3.0 LOCATION, ACCESS AND GEOGRAPHY

The Lip property is located approximately 80 kilometres southeast of Ross River, Yukon in the Pelly Mountains. The property lies on the north side of the Robert Campbell Highway roughly halfway between Ross River and Watson Lake. The approximate co-ordinates for the centre of the Lip property is 61°47' north, 131°20' west on NTS map sheet 105G/14. Elevations vary from 825 to 1160 metres. The region was glaciated in the Pleistocene forming a landscape dominated by low-lying flat terrane covered by black spruce forest and swamps. Highlands of moderate relief with characteristic hummocky topography lie on the north side of the property. Outcrop in the low-lying areas averages less than 2%,



0 50 100 200 300

KILOMETRES

EXPATRIATE RESOURCES LTD.

LIP BLOCK
PROPERTY LOCATION MAP

YUKON

EQUITY ENGINEERING LTD.

DRAWN: J.W./M.E.B.	MINING DIST.: WATSON LAKE	FIGURE
N.T.S.: 105G,H	SCALE: 1:5,000,000	1
DATE: DEC. 1997	REVISED:	

but outcrop may be as high as 20% on the knobs and ridges. The area has a continental climate with moderate levels of precipitation and a wide temperature range. Summers are typically pleasant with long daylight hours, whereas winters are long and may be extremely cold. Most of the snow cover disappears by the start of June and may return by the beginning of October.

This years work on the property was based from a series of fly camps supported by helicopter based at Expatriate's Ice camp on the immediate north side of the claims. A number of moderate sized lakes and the Pelly River could be used for float plane access. During winter exploration in the 1980's, access for drill programs was by bull dozer from the Robert Campbell Highway. During the numerous exploration programs in the 1970's and 1980's, extensive cut grids were established for geophysical surveys and many of these cut lines are still visible and improve accessibility.

4.0 REGIONAL AND PROPERTY EXPLORATION HISTORY

The Lip claim block has an extensive exploration history including geochemical surveys, airborne and ground geophysics, and drilling. Work was concentrated in four principal areas; from east to west, the Reno, Harris, Brendex, and to the south, the Dol occurrence. Detailed summaries of the exploration histories are contained in the 1996 assessment report for the Lip and War property (Baknes, 1997). The brief descriptions that follow are based on Yukon assessment reports and the Yukon Minfile, however, it is suspected that significant amounts of work were completed but not recorded in government assessment files.

The Reno area lies at the southeast end of the Lip Property. Known showings are located on the adjacent Reno claims. Exploration of this area was most active during the period 1977 through 1982. Discovery of a "40 ton quartz-sericite-chlorite phyllite boulder" containing 5-20% combined sphalerite and galena led workers into the area and led to several staking campaigns and a number of geochemical, geophysical and drilling programs. A total of 15 holes were drilled with only minor mineralization encountered.

The Harris area lies to the northwest of the Reno showings, and from airborne geophysics appears to lie at or near the same stratigraphic horizon. Minor mineralization was uncovered in a creek bank, which led to further work including, geophysics, soil geochemistry and the drilling of three holes. Most of this work took place between 1978 and 1982.

The Brendex encompasses a large area in the western end of the Lip Property and on the adjacent Expatriate Resources' Ref claims. Expansive reconnaissance soil geochemical surveys in 1977 led to exploration focus on a small grid south of the Big claims that was drilled by 5 short holes in 1978. In 1982 additional ground geophysics was completed.

The Dol occurrence, located outside of the south boundary of the Lip Property, received exploration attention based on the presence of a strong government airborne magnetic anomaly. Subsequent surveys defined coincident EM, magnetic and gravity anomalies, which led to drilling of one hole in 1968, another in 1977 and two more in 1978. Drilling intercepted an extensive thickness of magnetite-bearing gabbro, the presence of which explains the associated geophysical anomalies.

In 1996 Condor International Resources Inc. carried out a brief reconnaissance exploration program on the Lip claims that included flying a 600 line kilometre airborne Magnetic-EM survey followed by prospecting, silting and mapping. Historic showings were also examined and the available core from the Reno property relogged (Baknes, 1997).

A declination of 28°28'E, for the location 61°26' north, 130°00' west, obtained from the Geological Survey of Canada, Geomagnetic Laboratory, was used in all compass work. Mapping and prospecting was recorded in the field at a scale of 1:2500 and reduced to a scale of 1:20000 for reporting.

5.0 1997 EXPLORATION PROGRAM

The 1997 work on the Lip property was carried out in two separate phases. In June and early July an extensive soil sampling program was undertaken covering all areas of the property. Soils were taken at roughly 100 metre centres along claim lines, most of which traversed perpendicular to the dominant strike direction. Claim posts and adjacent soil sample points were located using differential GPS, whereas samples between posts were located along the claim lines using a hip chain. A number of soil lines were also established with 50 metre sample spacing to test favourable stratigraphic horizons and geophysical conductors. In most instances end points of these lines were located using GPS and intermediate sample points located using a hip chain. Limited mapping and prospecting was carried out in the central and northern area of the property during the spring program. In the late fall four days were spent following up on geochemical anomalies, largely by examining rock fragments in sample holes and nearby outcrops.

A total of 35 rock samples were collected with some analysed for 24 elements and the remainder for 32 elements by ICP plus gold. Five of these samples were analysed for major element oxides and selected trace elements by XRF analyses. A total of 1302 soil samples were collected, where possible, from "B" and "C" horizon material at depths ranging from 10 to 60 centimetres and placed in labelled kraft envelopes. The sample site was marked in the field by orange flagging and tyvek tags. The sampler recorded notes pertaining to sample horizon, colour, texture, vegetation, and local physiography. Samples were partially air-dried in camp and then shipped to Chemex Labs of North Vancouver, B.C. for sample preparation and analysis. A complete set of analytical results can be found in Appendix F. Over-limit samples for lead and zinc were assayed.

A declination of 28°28'E, for the location 61°26' north, 130°00' west, obtained from the Geological Survey of Canada, Geomagnetic Laboratory, was used in all compass work. Mapping and prospecting was recorded in the field at a scale of 1:2500 and reduced to a scale of 1:20000 for reporting.

6.0 REGIONAL GEOLOGY

The region lying northeast of the Tintina Trench and southwest of Frances and Finlayson Lakes is referred to as the Southern Yukon Tanana Terrane (Figure 3). The regional geology of the YTT has most recently been defined by the work of Tempelman-Kluit et al. (1976), and Mortensen (1985, 1992), Plint (1996) and Murphy (1997).

Mortensen considers the YTT to be the innermost of the accreted terranes in the western Canadian Cordillera. It is comprised largely of a Late Devonian-Mississippian volcanic-plutonic, pericratonic arc assemblage that was strongly deformed and metamorphosed in the late Triassic. The YTT extends south into British Columbia and north in the northern Yukon and on into Alaska where it is host to several volcanogenic massive sulphide (VMS) deposits in the Delta district. The YTT is believed to be a displaced equivalent to the Kootenay and Barkerville Terranes of southern and central British Columbia, which are also host to several VMS deposits.

The YTT has recently been the focus of intense exploration activity, spawned by several new VMS discoveries. In early August of 1994, Cominco Exploration Ltd. announced the discovery of their ABM VMS deposit (Kudz Ze Kayah Project), which is now estimated to contain an open pit reserve of 11.3


EXPATRIATE RESOURCES LTD.
LIP PROPERTY
REGIONAL GEOLOGY
YUKON TERRITORY
EQUITY ENGINEERING LTD.
DRAWN: J.W./M.B.
MINING DIST.: WATSON LAKE
FIGURE
N.T.S.: 105 G, H
SCALE: 1:250,000
3
DATE: DEC. 1997
LEGEND ON FOLLOWING PAGE
0 5 10
KILOMETRES
LIP
Ice
Kudz Ze Kayah
Wolverine
Money
Pak
Fyre Lake
CAMPBELL RANGE BELT
YUKON TANANA TERRANE
TINTINA FAULT
TRENCH
PELLY
Finlayson Lake
131°30'W.
130°30'W.
61°45'N.
61°30'N.

LEGEND

(to accompany Figure 3)

NORTH AMERICAN CONTINENTAL MARGIN

14 — *Pre-Triassic* - sedimentary and volcanic rocks

CAMPBELL RANGE BELT

13 — massive carbonate

12 — dominantly grey chert and metachert, structurally interleaved with minor mafic and felsic metavolcanics, greenstone and serpentinite (Slide Mt.?)

YUKON-TANANA TERRANE

11 — *Early Jurassic* - mafic stocks

Metaluminous-gabbro to quartz monzonite

10 — *Early Mississippian (349-358 Ma)* - metaluminous Simpson Range Plutonic Suite

Peraluminous-quartz monzonite to granite suite

9 — *Mississipian (350 Ma)* - peraluminous Augen Orthogneiss

8 — *Devono-Mississippian (360 Ma)* - peraluminous Monzonitic Orthogneiss

7 — *Pennsilvanian-Permian* - massive carbonate and quartzite (*upper unit)*

6 — *Early Mississippian* - interlayered mafic and minor felsic metavolcanic rocks, carbonaceous metasediments and quartzeye grits (*middle unit*, Nasina equivalent)

5 — *Pre-late Devonian* - micaceous quartzite, minor marble (*lower unit*, Nisling equivalent)

UNITS COMMON TO ALL THREE TERRANES

4 — *Cretaceous and Tertiary* - volcanic rocks

3 — *Mid-Cretaceous* - felsic intrusive rocks

2 — *Late Triassic* - immature clastic sediments

1 — serpentinized ultramafic rocks, greenstone, cherts, minor diabase and gabbro (Slide Mt.?)

SYMBOLS

stratigraphic or intrusive contact

thrust fault (teeth on hanging wall)

* Geology after Mortensen & Jilson, 1985; Mortensen, 1996

million tons, grading 0.9% copper, 1.5% lead, 5.9% zinc, 1.3 g/t gold and 133 g/t silver (Northern Miner, Vol. 82, No. 27, 1996). The deposit is hosted in felsic metavolcanics and sediments having a spatial association with a quartz-feldspar porphyry and mafic volcanics. In 1996 and 1997, Columbia Gold Mines Ltd. extensively explored the Fyre Lake deposit, a mafic-hosted, copper-cobalt VMS deposit. Results of that program include drill hole intercepts of 6.6 metres grading 1.8% copper, 1.26 g/t gold, 0.22% cobalt and 31.3 metres of 2.29% copper and 0.52 g/t gold (Company com., 1996). The Wolverine deposit of Westmin/Atna is a precious metal-rich, polymetallic VMS deposit hosted in argillaceous sediments and felsic volcaniclastics with associated porphyritic rhyolite domal rocks. Published reserves of the Wolverine are 5.3 million tonnes grading 1.81 g/t gold, 359.1 g/t silver, 12.96% zinc, 1.41% copper and 1.53% lead (Northern Miner, Vol. 82, No. 40, 1996). In 1996, Expatriate Resources Ltd. announced discovery of the Ice deposit just north of the Lip property. A total of 10,584 metres of core drilling in 121 holes was completed on the Ice over the course of the 1996 and 1997 field seasons. This drilling defined a roughly 50 metre wide by 350 metre long ore body containing significant copper grades. The Ice deposit represents a Cyprus type VMS deposit hosted in pillowed basalts, basalt breccias and ferruginous sediments of the SMT. Recent mapping in the Wolverine area (Plint, 1996) suggests that the SMT is in thrust contact with the underlying Yukon Tanana rocks. Evidence from the Wolverine property suggests that the mafic volcanics that form the immediate hanging wall to the Wolverine felsic/sedimentary stratigraphy may in fact be conformable, however, there is little known about the continuity of section between the mafic volcanics at Wolverine and the rocks generally accepted as SMT to the northeast. Evidence on the Lip property suggests that the contact between the YTT and SMT terranes is not easily definable and may in fact be conformable.

The regional geology of the area is illustrated in Figure 3. The Layered Metamorphic Sequence (LMS) of the YTT (units 5-7), is host to several VMS occurrences and is considered the most permissive. The felsic portions of the early-Mississippian "middle unit" of the LMS hosts the ABM and Wolverine deposits, whereas the mafic portion of the "middle unit" hosts the Fyre Lake deposit. The ABM and Wolverine deposits are both hosted within a felsic-argillaceous-sedimentary sequence and both are spatially associated with coarse orthoclase porphyritic rhyolite bodies or volcanic-associated domes. It is uncertain which plutonic suite the Wolverine and ABM porphyries belong to, but spatially, the nearest large intrusive bodies, and in the case of the ABM the enclosing intrusive, belong to the "Peraluminous Monzonitic Orthogneiss" or the Grass Lakes Orthogneiss of Murphy (1997). A feature of regional importance is the association of two extensive units of barite-bearing siliceous magnetite iron formation in the hanging-wall of the Wolverine deposit. Magnetite iron formation and sulphide facies iron formation is also closely associated with the Fyre Lake deposit, Pak occurrence and forms part of the ore at the ABM.

7.0 PROPERTY GEOLOGY AND MINERALIZATION

The geology of the Lip Property is dominated by black to grey, crenulated, carbonaceous to locally graphitic phyllites. These locally contain a minor component of grit and/or felsic tuff. The next most common lithology is pale green, fine-grained phyllite, interpreted to be metamorphosed intermediate, fine-grained, distal volcanic tuff (Figure 4). These units are often weakly altered by porphyroblastic quartz-ankerite-pyrite with rare fuchsite. Medium green, quartz-chlorite schists, thought to represent meta-andesites or andesitic tuffs, are rarely exposed. Other lithologies include bedded cherts, and very siliceous and weakly sericitic intervals within the carbonaceous sedimentary units. These siliceous units likely represent tuffaceous cherts, however, some of the bedded cherty units contain high levels of barium and locally bedded barite, suggesting an exhalative origin (exhalites-tuffites). The grey and green phyllite package comprises the core of the northwest trending claim group. On the north side of the phyllite package is a large area underlain by basalts, gabbros and chert\argillite clastics belonging to the SMT. At the southeast end and on the south border of the claims are a series

of inferred, mafic volcanic thrust lenses or mafic sills. Interpretation of these lenses is based on aerial magnetics , high concentrations of chromium, cobalt and nickel in soils and on surface exposures of likely similar mafic bodies northeast on the adjacent Play claims. Units trend 120° and dip moderately to the northeast. Polyphase deformation has affected all units giving a strong foliation in near parallelism with compositional layering and a strong crenulation cleavage developed in phyllites.

Mapping this year concentrated on the stratigraphy exposed west of Cap Lake, southeast along strike to the broad knob south of Spit Lake. This area was of special interest because it is highlighted by anomalous soil geochemistry, the presence of barite and it roughly corresponds with the favourable contact between rocks of YTT and mafic volcanics of SMT. This area is geologically complex in that the contact between SMT and YTT is indistinct and highly irregular as defined largely on the basis of airborne magnetics. The irregularity of geophysical features and the broken trends of anomalous soil results have been used to infer a number of northeast trending fault structures as well as the general trends of the stratigraphy. Although the level of exposure is poor there appears to be three principle packages of stratigraphy in the area, an upper, middle and lower. The uppermost are basalts and gabbros of the SMT, delineated by both mapping and strong magnetic response. South and structurally beneath the mafics is a complex middle package of interbedded rhythmically laminated cherts, tuffaceous cherts, baritic exhalative cherts, grey chert-argillite sandstones to pebble conglomerates, calc-alkaline pillowed basalts, and associated basalt breccias and lapilli tuffs. In one locality (sample 108529) the basaltic lapilli tuff contains isolated fragments of feldspar porphyritic rhyolite, as confirmed by whole rock geochemistry. The middle package is situated more or less at the transition from moderate relief and hilly topography to the low-land flats that characterise most of the property. Beneath the complex unit is the very poorly exposed stratigraphy comprised of green phyllites (intermediate tuffs), cherty tuffs and carbonaceous phyllites. These units are believed to comprise the bulk of the stratigraphy on the property. The main features that distinguish the lower unit from the middle is the absence of rhythmic bedded cherts, pillowed and amygdaloidal basalts and chert clastics.

Full descriptions of the mineralization encountered in the 1996 programs and descriptions of previous work are available in the 1996 assessment report on the Lip and War properties (Baknes, 1997). In brief there are two principle areas of mineralization investigated in the past. In the Reno area, mineralization consists of conformable to discordant stringers and lenses of quartz-ankerite-sphalerite ± galena, in a pale green phyllite with conformable quartz-ankerite±fuchsite alteration and veining. Mineralization, as evident in drill core and on the banks of the Pelly River, appears to be grossly conformable and confined to the green phyllite adjacent to the contact with underlying grey phyllite and black carbonaceous-graphitic phyllite. The best drill result from the green phyllite-carbonaceous contact zone was from PB-81-6, which intersected 1.3 metres of 3.12% zinc, 3.1% lead, and 0.78 oz/ton silver (Stroshein, 1981). Both ground EM and the recent airborne EM delineate the graphitic contact over a distance of 7 kilometres and demonstrates that the mineralization in the Harris area may be stratigraphically equivalent. Gravity surveys defined a sizeable area of moderate intensity anomalies in the Reno area. Specific gravity measurements taken in 1996, on a variety of lithologies intersected in core, may be sufficient to explain these anomalies.

The Harris (Eagle showing) area lies two kilometres northwest of the Reno area in a low lying swampy area with negligible exposure. A small trench exposes quartz-ankerite-fuchsite-sphalerite-galena veining and alteration in a pervasively chlorite-quartz-ankerite schist that likely represents a meta-andesite or basalt. Sphalerite and galena occur as poddy lenses and possible replacements with calcite. Two grab samples of some of the best mineralization returned greater than 13% zinc, 2% lead and 14 g/t silver, however, mineralization is inconsistent and extends across less than two metres apparent thickness. Sample 230833 is a float sample from this type of mineralization and is notable in that it is anomalous in gold, silver, arsenic and copper. Elsewhere in the region arsenopyrite is often found associated with quartz ankerite altered mafic rocks (listwaenite). Anomalous copper-lead-zinc-silver±gold soil geochemistry lies roughly parallel to the conductor but slightly to the north. Drilling in 1982 of three holes (250.8 m) to test the surface showing and conductor, only intersected two, 1-2 mm laminae of galena-sphalerite correlative with the trench

mineralization. The sequence from top to bottom consists of graphitic phyllite underlain by chloritic schist and grey argillaceous phyllite.

Table 7.0.1
1997 Mineralized Samples

Sample Number	Rock Type	Au (ppb)	Ag (ppm)	As (ppm)	Ba (%)	Cu (ppm)	Pb (ppm)	Zn (ppm)
108523	bedded chert/exhalite	<5	<.2	-	1.1	10	<2	12
108524	bedded chert/exhalite	<5	<.2	-	17.3	5	<2	46
108525	bedded chert/exhalite	<5	<.2	-	9.4	13	<2	38
108526	bedded chert/exhalite,+ PY	<5	<.2	-	15.0	48	6	118
108527	QZ-MS phyllite, 5-10% boxwork	95	<.2	-	0.4	1835	48	64
230833	QZ-MS-CL schist	40	0.2	322	---	384	2	108

Note: QZ-quartz, MS-sericite, CL-chlorite, PY-pyrite

The Brendex area encompasses a large area at the northwest end of the Lip Property. No significant mineralization has been found on surface, but extensive soil geochemical surveys in the past defined some strong zinc soil geochemical anomalies. Of particular note is the Czar grid located one kilometre northeast of the 1996 Beaverdam camp where a 1000 metre long, northwest trending, >350 ppm zinc geochemical anomaly was defined. A subsequent gravity survey defined several moderate intensity gravity anomalies in the area of the soil anomaly. These anomalies were followed up with a five hole drilling program (305 m). All holes had very poor recoveries, averaging near 25%, and passed through primarily graphitic phyllites, often pyritic, with lesser green chloritic phyllite. An interesting occurrence of red chert in the overburden of one of the holes indicates the possible presence of siliceous iron formation in the area. The best result obtained was a 1.5 metre interval grading 2.5% zinc, however there are numerous intercepts in excess of four or five metres averaging between 0.2% and 0.3% zinc (MacLean, 1978). Although these results may appear insignificant, the poor recoveries leave open the possibility that well mineralized sections were ground away by drilling. This area lies immediately down slope and down section of the "middle unit" exposures 1.5 kilometres northeast of Cap Lake. In this area numerous outcrops reveal often tightly folded laminated cherts with thin sericitic interbands (samples 108523-527). In some areas massive sugary barite forms up to 3cm lenses and bands within the sericitic cherts. Grab samples of this material assayed up to 17% barium and in some cases returned anomalous copper concentrations. This confirms that at least a portion of these cherty sediments represent siliceous and baritic exhalites. This is considered very important since the Wolverine deposit and VMS occurrences in general often have closely associated silica-barite exhalites. The anomalous concentrations of copper are an added positive indication that the exhalative source is associated with base metals.

8.0 SOIL GEOCHEMISTRY

From 1977 to 1993, a number of geochemical surveys were carried out over several areas of the Lip Property. With the exception of concentrated work on the Reno showings and the Czar grid southwest of Cap Lake, most geochemical response is spotty. Sampling in 1997 was fairly evenly spaced over the property at a reconnaissance scale. A number of lines at 50 metre sample spacing were established to further detail results from 1996 and to investigate geophysical anomalies (Figure 5). Results and computer generated contours for gold, silver, barium, copper, lead and zinc are plotted on figures 6-10. Percentile levels were calculated for the various elements and are listed in table 8.0.1. These thresholds are generally lower than those indicated by some of the established VMS occurrences in the Finlayson district, however, the Lip property is of much lower relief and covered by a greater amounts of glacial till than are the mineral

occurrences to the south. Samples that fall above the 80th percentile are considered anomalous and define coherent contour patterns.

Table 8.0.1
Soil Geochemistry: Percentiles

Percentile	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
98th	5	0.8	2885	85	22	332
95th	<5	0.6	2350	66	18	276
90th	<5	<.2	1690	47	14	172
85th	<5	<.2	1690	47	14	172
80th	<5	<.2	1580	44	12	152
70th	<5	<.2	1450	38	12	128
60th	<5	<.2	1360	33	10	110
50th	<5	<.2	1270	28	8	100

Note - Barium determined using a triple acid digestion

Wide line spacing doesn't allow for detailed interpretation of small anomalies, but on a larger scale four significant multi-element anomalies are evident: 1) Cap Lake; 2) Reno Northwest; 3) Reno South; 4) South Hookworm. The Cap Lake anomaly is not a continuous anomaly, but a series of individual anomalies that form a distinct northwest trend from the broad knob 5 kilometres southeast of Cap Lake through to the barite mineralized hill 1.5 kilometres west of Cap Lake. The south end of the anomaly is defined by copper, lead, zinc, barium and silver with spotty gold, whereas to the northwest the anomalies are primarily copper, barium and locally silver. No evidence for mineralization has been found in the southeast, however, baritic samples, some containing anomalous copper, have been found in association with the copper-barium soil anomalies. The Reno northwest anomaly begins roughly 2 kilometres northwest of where the Reno was drilled and extends 6 kilometres northwest as defined by copper, lead ± zinc and barium with a few scattered gold and silver samples. The anomaly follows an airborne geophysical conductor and is associated with a strong magnetic feature at the south end. A trenched showing (Eagle trench) sampled in 1996 revealed *poddy lead-zinc-silver and weak copper mineralization in an altered mafic rock. The mafic host and* associated magnetic anomaly is suggestive that the mineralization is related to epigenetic mineralization in an altered basalt thrust panel. The Reno South anomaly lies south of the Reno drilling and is defined as a discontinuous area of anomalous lead, zinc and minor barium and copper. This area corresponds with the meander plain of the Pelly River that is devoid of outcrop and is underlain by thick deposits of vegetated river silt. Follow-up of the anomalous samples found that all of these samples were of river silt likely derived from erosion of mineralization up stream at the Reno. The South Hookworm anomalies lie a kilometre south of Hookworm Lake and trend to the southeast as anomalous levels of lead, zinc and minor copper barium and silver. No significant mineralization has yet been found in this area, however, there are several extensive exposures of strong quartz ankerite alteration that is locally anomalous and weakly mineralized in lead, zinc and minor copper-silver.

Anomalous concentrations of cobalt, chromium and nickel are associated with areas of exposed mafic lithologies, and therefore areas devoid of outcrop, but anomalous in this suite of elements, are also likely underlain by mafics. Rock samples of these same mafic volcanics also contained anomalous levels in cobalt-chromium-nickel. In addition to the geochemical signature relatively unmetamorphosed Slide Mountain mafics show up as strongly magnetic features, whereas the more altered mafics to the south do not. On the Lip property most copper anomalies, many of which have associated lead, zinc, barium and precious metals, also have cobalt-chromium-nickel anomalies. This relationship is suggestive that at least some of the

polymetallic anomalies are associated with secondary alteration of mafic lithologies and not VMS-type mineralization.

9.0 DISCUSSION AND CONCLUSIONS

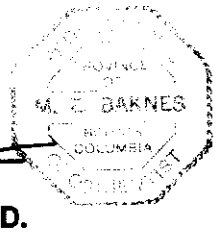
The primary purpose of the 1997 program was to carry out a property wide reconnaissance soil survey that would highlight areas of potential and those deserving of further and more detailed work. The soil program was successful in defining areas of interest and these were investigated in a brief follow-up program in the fall. This latest program helped in eliminating some areas by finding that they were either formed by fluvial processes or that the type of mineralization exhibited was not related to VMS type systems and therefore not of great interest.

Mapping in the central area of the claims indicates a complex relationship between rocks thought to belong to the SMT and YTT. The mapping is suggestive that the two "terranes" may be continuous or that if an unconformity exists it is between the relatively unmetamorphosed basaltic and gabbroic rocks to the extreme north and moderately metamorphosed mafics of the middle package to the south. It is suggested that the middle package of cherts, mafic volcanics and chert/argillite clastic rocks is conformable with the underlying phyllites (distal tuffs) and grey phyllites (tuffaceous carbonaceous sediments) of the recessive-weathering YTT to the south. Assuming upright stratigraphy, the gross stratigraphy is one suggesting deposition of carbonaceous sediments and distal intermediate tuffs that give way to episodic siliceous and baritic exhalative activity interrupted by mafic volcanism and possible felsic volcanism (rhyolite fragments in mafic lapilli breccia tuff). This middle package also contains abundant coarse to fine chert\argillite clastic sequences, indicating a high energy depositional environment perhaps brought on by rapid basin development through extension. This period was followed by voluminous basaltic volcanism, exhalative and high level intrusive activity forming the extensive thickness of SMT rocks to the north. It was during this period that the Ice deposit formed. Although the analogy is not complete it may be of importance for the potential of the Lip property that both KZK and Wolverine occur at the top of a sediment dominated sequence, associated with siliceous, ferruginous and baritic exhalites and minor mafic volcanics, which are similarly overlain by a very thick package of basaltic volcanics and associated intrusives. Carrying the analogy further, as with the Ice deposit, the Money Cyprus-type massive sulphide occurs structurally above the Wolverine deposit within pillowed mafic volcanics. Work on the Lip property has so far not revealed the presence of significant felsic volcanic rocks, however, it is stressed that exposure in the area is poor and they may exist.

Potential on the property is considered best in the Cap lake area and to the southeast along the same trend, but in particular, down section from the baritic surface samples. On the adjoining Ref claims, immediately south from the barite-bearing samples, past workers defined a 1000 by 500 metre >350 ppm zinc soil anomaly. Eventual drilling intersected some minor zinc mineralization, but recoveries were extremely poor. It is possible that the zinc anomaly drilled was hydromorphic and that the true source was further up slope to the north, structurally beneath the siliceous-baritic exhalites. This target represents an exciting and as yet untested possibility for VMS mineralization. The Harris (Eagle) area is also worthy of further investigation. Drilling there targeted surface mineralization and EM conductors. Although glacial offset may be responsible the best soil anomalies appear to be up section of the stratigraphy drilled and thereby represent an untested target. Mineralization in the Reno area has been

tested by a number of drill holes, with some interesting results. This area has remaining potential, but requires a thorough review of the available data before further work be undertaken.

Respectfully submitted,



Mark E. Baknes, P.Geo.
EQUITY ENGINEERING LTD.

Vancouver, British Columbia
January 7, 1998

APPENDIX A

BIBLIOGRAPHY

BIBLIOGRAPHY

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APPENDIX B

LIST OF PERSONNEL

LIST OF PERSONNEL

Field Crew

Mark Baknes (Geologist)
207-675 West Hastings St.
Vancouver, B.C.
V6B 1N2

Tom Bell (prospector)
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Hazelton, B.C.
VOJ 1YO

Niels Bednarczyk (sampler)
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V7N 2Y5

Warren Cole (sampler)
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St. Paul, Alberta
T0A 3A0

Devon Holbek (sampler)
2586 Hamm Road
Black Creek, B.C. V9J 1B4

Chris Hope (senior sampler)
4022 Britton Place
Victoria, B.C.
V8Z 6L1

Nick Mitchell
710 - 52nd St.
South Delta, B.C.
V4M 2Y6

APPENDIX C

LIST OF CLAIMS

LIST OF CLAIMS - LIP PROPERTY

Claim Name	Record Number	Mining District	New Expiry Date	Registered Owner
Big 13-26	YB82954-YB82967	Watson Lake	April 11, 2002	Condor Int'l
27-36	YB80637-YB80646	Watson Lake	April 11, 2002	Condor Int'l
105-124	YB80647-YB80666	Watson Lake	April 11, 2002	Condor Int'l
125-130	YB82968-YB82973	Watson Lake	April 11, 2002	Condor Int'l
135-142	YB82974-YB82981	Watson Lake	April 11, 2002	Condor Int'l
143-150	YB80667-YB80674	Watson Lake	April 11, 2002	Condor Int'l
151-180	YB82982-YB83011	Watson Lake	April 11, 2002	Condor Int'l
Dawn 1-7	YB89190-YB89196	Watson Lake	April 11, 2002	Condor Int'l
9	YB89197	Watson Lake	April 11, 2002	Condor Int'l
11	YB89198	Watson Lake	April 11, 2002	Condor Int'l
14	YB89199	Watson Lake	April 11, 2002	Condor Int'l
29-32	YB89200-YB89203	Watson Lake	April 11, 2002	Condor Int'l
34	YB89204	Watson Lake	April 11, 2002	Condor Int'l
36	YB89205	Watson Lake	April 11, 2002	Condor Int'l
38	YB89206	Watson Lake	April 11, 2002	Condor Int'l
40	YB89207	Watson Lake	April 11, 2002	Condor Int'l
Fix 4-5	YB85412-YB85413	Watson Lake	April 11, 2002	Condor Int'l
8	YB85414	Watson Lake	April 11, 2002	Condor Int'l
Hip 1-8	YB89208-YB89215	Watson Lake	April 11, 2002	Condor Int'l
Lip 353-362	YB82853-YB82862	Watson Lake	April 11, 2002	Condor Int'l
363	YB80541	Watson Lake	April 11, 2002	Condor Int'l
365-374	YB80542-YB80551	Watson Lake	April 11, 2002	Condor Int'l
375-376	YB82863-YB82864	Watson Lake	April 11, 2002	Condor Int'l
387	YB80552	Watson Lake	April 11, 2002	Condor Int'l
389	YB80553	Watson Lake	April 11, 2002	Condor Int'l
391-398	YB80554-YB80561	Watson Lake	April 11, 2002	Condor Int'l
443-472	YB80562-YB80591	Watson Lake	April 11, 2002	Condor Int'l
MNT 1-6	YB87579-YB87584	Watson Lake	April 11, 2002	Condor Int'l
7-8F	YB87585-YB87586	Watson Lake	April 11, 2002	Condor Int'l
10-17	YB87587-YB87594	Watson Lake	April 11, 2002	Condor Int'l
No 37-38	YB80675-YB80676	Watson Lake	April 11, 2002	Condor Int'l
39-46	YB82890-YB82897	Watson Lake	April 11, 2002	Condor Int'l
181-186	YB82898-YB82903	Watson Lake	April 11, 2002	Condor Int'l
187-198	YB82904-YB82915	Watson Lake	April 11, 2002	Condor Int'l
199-214	YB80677-YB80692	Watson Lake	April 11, 2002	Condor Int'l
216	YB80693	Watson Lake	April 11, 2002	Condor Int'l
218	YB80694	Watson Lake	April 11, 2002	Condor Int'l
220	YB80695	Watson Lake	April 11, 2002	Condor Int'l
222	YB80696	Watson Lake	April 11, 2002	Condor Int'l
224	YB80698	Watson Lake	April 11, 2002	Condor Int'l
226-240	YB80699-YB80713	Watson Lake	April 11, 2002	Condor Int'l

LIST OF CLAIMS - LIP PROPERTY

Claim Name	Record Number	Mining District	New Expiry Date	Registered Owner
No 241-242	YB85415-YB85416	Watson Lake	April 11, 2002	Condor Int'l
243-252	YB80714-YB80723	Watson Lake	April 11, 2002	Condor Int'l
253-264	YB85417-YB85428	Watson Lake	April 11, 2002	Condor Int'l
265-276	YB80724-YB80735	Watson Lake	April 11, 2002	Condor Int'l
On 377-385	YB82865-YB82873	Watson Lake	April 11, 2002	Condor Int'l
399-414	YB82874-YB82889	Watson Lake	April 11, 2002	Condor Int'l
Small 13-18	YB80519-YB80524	Watson Lake	April 11, 2002	Condor Int'l
87-100	YB82829-YB82842	Watson Lake	April 11, 2002	Condor Int'l
Stand 2	YB80525	Watson Lake	April 11, 2002	Condor Int'l
421-430	YB82843-YB82852	Watson Lake	April 11, 2002	Condor Int'l
483-490	YB80526-YB80533	Watson Lake	April 11, 2002	Condor Int'l
501	YB80534	Watson Lake	April 11, 2002	Condor Int'l
503-508	YB80535-YB80540	Watson Lake	April 11, 2002	Condor Int'l
Why 47-58	YB82916-YB82927	Watson Lake	April 11, 2002	Condor Int'l
277	YB80592	Watson Lake	April 11, 2002	Condor Int'l
279-322	YB80593-YB80636	Watson Lake	April 11, 2002	Condor Int'l
323-345	YB82928-YB82950	Watson Lake	April 11, 2002	Condor Int'l
347	YB82951	Watson Lake	April 11, 2002	Condor Int'l
349	YB82952	Watson Lake	April 11, 2002	Condor Int'l
351	YB82953	Watson Lake	April 11, 2002	Condor Int'l

APPENDIX D

CLAIM POST GPS DATA

CLAIM	Station	Post 1	Post 2	Northing	Easting	File Number	Date	Data Quality	Base Station
	GI	389	387	6851304	384583	Y061617B	16-Jun-97	Uncorrected	
	GE	387	*	6850931	384465	Y061618A	16-Jun-97	Uncorrected	
	GD	*	383	6850230	384314	Y061621A	16-Jun-97	Uncorrected	
	GC	383	384	6849814	384199	Y061622A	16-Jun-97	Uncorrected	
LIP	FU	369/370	367/368	6852095	383688	Z061619A	16-Jun-97	Standard	RR
LIP	FW	373/374	371/372	6852875	383853	Z061622A	16-Jun-97	Standard	RR
	FX	375/376	373/374	6853329	383950	Z061700A		Uncorrected	
	FV	371/372	369/370	6852485	383757	Z061700B		Uncorrected	
	GF	389	387	6851304	384565	S061617A	16-Jun-97	Standard	RR
LIP	GG	391/392	389	6851774	384664	S061618A	16-Jun-97	Standard	RR
LIP	GH	393/394	391/392	6852225	384748	S061618B	16-Jun-97	Standard	RR
LIP	GI	395/ 396	393/394	6852635	384857	S061619A	16-Jun-97	Standard	RR
	GK	*	397/398	6853583	385045	S061622A	16-Jun-97	Standard	RR
LIP	HD	449/450	447/448	6853949	385653	S061623A	16-Jun-97	Standard	RR
	GJ	397/398	395/396	6853020	384981	S061700A	16-Jun-97	Uncorrected	
LIP	FT	376/368	365/366	6851662	383601	G061619A	16-Jun-97	Standard	RR
LIP	FS	365/366	363	6851221	383506	G061620A	16-Jun-97	Standard	RR
	FR	363	361, 362	6851171	383577	G061620A	16-Jun-97	Uncorrected	
LIP	FQ	361, 362	360, 359	6850695	383400	G061700A	16-Jun-97	Standard	RR
LIP				6850691	383397	G061622C	16-Jun-97	Standard	RR
				6850695	383400	G061621A	16-Jun-97	Standard	RR
	FP	357	360	1	383247	Y061719A	17-Jun-97	Uncorrected	
LIP	FY	373/374	375/376	6853725	384063	Z061717A	17-Jun-97	Standard	RR
LIP	AA	443/444	(445/446)	6854231	384361	Z061718A	17-Jun-97	Standard	RR
LIP	HB	445/446	443/444	6854130	384793	Z061720A	17-Jun-97	Standard	RR
LIP	HC	447/448	445/446	6854045	385236	Z061721A	17-Jun-97	Standard	RR
LIP	HE	451/452	449/450	6853839	386114	Z061722A	17-Jun-97	Standard	RR
LIP	HF	453/454	451/452	6853741	386559	Z061723A	17-Jun-97	Standard	RR
	RN	*	*	6851874	383458	S061716A	17-Jun-97	Standard	RR
LIP	RN	*	*	6851419	383201	S061718A	17-Jun-97	Standard	RR
	RN	*	*	6851609	382858	S061720B	17-Jun-97	Standard	RR
LIP	RN	*	*	6851998	383082	S061722A	17-Jun-97	Standard	RR
CAMP.B	CAMP B	*	*	6851519	384140	S061722B	17-Jun-97	Standard	RR
	RN	*	*	6851370	384232	S061723A	17-Jun-97	Standard	RR
WHY	EH	*	341/342	6854154	383256	G061720A	17-Jun-97	Standard	RR
WHY	EG	341/342	339/340	6853871	383115	G061720B	17-Jun-97	Poor	RR
WHY	EF	339/340	337/338	6853475	382915	G061721A	17-Jun-97	Standard	RR
WHY				6853476	382914	G061721A	17-Jun-97	Standard	RR
WHY	EE	337/338	335/336	6853101	382722	G061722A	17-Jun-97	Standard	RR
WHY	ED	335/336	333/334	6852719	382526	G061723A	17-Jun-97	Standard	RR
	EC	333/334	332/331	6852251	382294	G061800A	17-Jun-97	Uncorrected	
	EB	332/331	329/330	6851887	382111	G061801A	17-Jun-97	Uncorrected	
	EI	343/344	*	6850585	382140	R061817A	18-Jun-97	Uncorrected	
	EJ	345	343/344	6850687	381589	R061818A	18-Jun-97	Uncorrected	
	EK	347	345	6850778	382350	R061819B	18-Jun-97	Uncorrected	
	HIP	1, 2	*	6851627	385248	Z061816A	18-Jun-97	Standard	RR
HIP		3,4		6852067	385347	Z061817AB	18-Jun-97	Standard	RR
XX	H	3, 4	1, 2	6852067	385345	Z060817B	18-Jun-97	Standard	RR
HIP	HIP	5, 6	3, 4	6852513	385450	Z061818A	18-Jun-97	Standard	RR

HIP	H	7, 8	7, 8	6853373	385658	Z061820A	18-Jun-97	Standard	RR
LIP	HG	455/456	453/454	6853658	387026	Z061822A	18-Jun-97	Standard	RR
HIP	HIP	7, 8	5, 6	6852929	385551	Z061823A	18-Jun-97	Standard	RR
LIP	RN	*	*	6851107	383806	S061819A	18-Jun-97	Standard	RR
LIP	RN	*	*	6850900	384147	S061820A	18-Jun-97	Standard	RR
LIP	RN	*	*	6851493	384525	S061823A	18-Jun-97	Standard	RR
	RN	*	*	6851117	383797	S061900A	18-Jun-97	Uncorrected	
WHY	EA	329/330	327/328	6851519	381915	G061816A	18-Jun-97	Standard	RR
WHY	DZ	327/328	325/326	6851134	381699	G061817A	18-Jun-97	Standard	RR
WHY	DY	325/326	323/324	6850744	381503	G061818A	18-Jun-97	Standard	RR
WHY	DX	323/324	*	6850355	381300	G061818B	18-Jun-97	Standard	RR
WHY	DQ	311/312	309/310	6852362	381252	G061822A	18-Jun-97	Standard	RR
WHY	DR	313/314	311/312	6852762	381442	G061823A	18-Jun-97	Standard	RR
WHY	WC	305	308	6851551	380846	S061916A	19-Jun-97	Standard	RR
WHY	WC	303	306	6851141	380609	S061917B	19-Jun-97	Standard	RR
WHY	WC	301	304	6850725	380433	S061918B	19-Jun-97	Standard	RR
	WC	301	302	6850732	379416	S061919B	19-Jun-97	Poor	RR
	WC	*	277	6850634	379384	S061920A		Uncorrected	
WHY	WC	277	280	6851134	379617	S061920B	19-Jun-97	Standard	RR
WHY	WC	279	282	6851506	379820	S061921C	19-Jun-97	Standard	RR
	DN	*	40	6851081	384868	Z061916A	19-Jun-97	Standard	RR
DAWN	DN	40	38	6850964	385278	Z061917A	19-Jun-97	Standard	RR
	DN	7	5, 6	6849894	385477	Z061918A	19-Jun-97	Standard	RR
	DN	9	7	6850015	384996	Z061919A	19-Jun-97	Standard	RR
	DN	11	9	6850104	384583	Z061920A	19-Jun-97	Standard	RR
DAWN	DN	14	11	6850215	384136	Z061921A	19-Jun-97	Standard	RR
	6-1ST	*	*	6853434	386046	R061917A	19-Jun-97	Uncorrected	
	6-1 END	*	*	6852493	385507	R061921A	19-Jun-97	Uncorrected	
LIP	HH	457/458	455/456	6853549	387456	S062017B	20-Jun-97	Standard	RR
	HIP	459/460	457/458	6853440	387931	S062018A	20-Jun-97	Standard	RR
	HS	461/464	459/460	6853342	388350	S062019A	20-Jun-97	Standard	RR
	HK	463/464	461/462	6853239	388793	S062020A	20-Jun-97	Standard	RR
	HQ	485/486	483/484	6851818	388993	S062021A	20-Jun-97	Standard	RR
	HP	483/484	*	6851930	388530	S062022A	20-Jun-97	Standard	RR
		421	*	6848018	386275	R062016A	20-Jun-97	Uncorrected	
		423	422	6848417	386350	R062017A	20-Jun-97	Uncorrected	
		425	424	6848916	386522	R062017B	20-Jun-97	Uncorrected	
		427	426	6849222	386730	R062018A	20-Jun-97	Uncorrected	
		429	428	6849674	386789	R062018B	20-Jun-97	Uncorrected	
		507/508	*	6850307	387266	R062019A	20-Jun-97	Uncorrected	
		507/508	505/506	6850415	386858	R062020A	20-Jun-97	Uncorrected	
		505/507	503/504	6850642	386535	R062021A	20-Jun-97	Uncorrected	
		501	2	6850948	385595	R062022A	20-Jun-97	Uncorrected	
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LIP	RL	*	*	6852231	386174	G062019A	20-Jun-97	Standard	RR
LIP	RL	*	*	6852996	387211	G062023A	20-Jun-97	Standard	RR
LIP	FO	355/356	357/358	6849441	383097	Z062015A	20-Jun-97	Standard	RR
LIP	FN	355/356	353/354	6849009	382976	Z062017A	20-Jun-97	Standard	RR
LIP	FM	353/354	*	6848619	382875	Z062018A	20-Jun-97	Standard	RR

ON	GB	383/384	381/382	6849421	384114	Z062020A	20-Jun-97	Standard	RR
ON	FZ	379/380	377/378	6848558	383918	Z062021A	20-Jun-97	Standard	RR
ON	F*	377/378	*	6848100	383826	Z062022A	20-Jun-97	Standard	RR
ON	GA	381/382	379/380	6848981	384011	Z062023A	20-Jun-97	Standard	RR
	DN	6-5	4-3	6849794	385911	S062117A	21-Jun-97	Standard	RR
	DN	4-3	2-1	6849662	386346	S062117B	21-Jun-97	Standard	RR
	DN	2-1	*	6849520	386769	S062118A	21-Jun-97	Standard	RR
		465/466	463/464	6853304	389141	R062117A	21-Jun-97	Uncorrected	
		467/468	465/466	6853149	389656	R062118A	21-Jun-97	Uncorrected	
		469/470	467/468	6852958	390054	R062119A	21-Jun-97	Uncorrected	
		471/472	469/470	6852993	389509	R062120A	21-Jun-97	Uncorrected	
	CNT	*	*	6854139	384166	G062115A	21-Jun-97	Uncorrected	
LIP	CNT	*	*	6853137	383568	G062120A	21-Jun-97	Standard	RR
	CNT	*	*	6853019	383839	G062121A	21-Jun-97	Uncorrected	
ON	GM	401/402	399/400	6848426	384595	Z062117A	21-Jun-97	Standard	RR
ON	GN	403/404	401/402	6848836	384699	Z062118A	21-Jun-97	Standard	RR
ON	GO	405/406	403/404	6849280	384814	Z062119A	21-Jun-97	Standard	RR
ON	GU	*	413/414	6849459	385856	Z062120A	21-Jun-97	Standard	RR
ON	GT	413/414	411/412	6849022	385736	Z062122A	21-Jun-97	Standard	RR
ON	GS	411/412	409/410	6848575	385620	Z062122B	21-Jun-97	Standard	RR
	GR	409/410	407/408	6848057	385502	Z062123A	21-Jun-97	Uncorrected	
	GQ	407/408	*	6847722	385470	Z062200A	21-Jun-97	Uncorrected	
STAND	ST	487/488	485/486	6851727	389443	S062216A	22-Jun-97	Standard	RR
STD	ST	489/490	487/488	6851629	389918	S062216B	22-Jun-97	Standard	RR
STD	ST	*	489/490	6851539	390364	S062217A	22-Jun-97	Standard	RR
STD	ST	*	507/508	6850585	389954	S062218A	22-Jun-97	Standard	RR
STD		507/508	505/506	6850697	389417	S062219A	22-Jun-97	Standard	RR
STD		505/506	503/504	6850783	388951	S062219B	22-Jun-97	Standard	RR
STD		503/504	501	6850887	388489	S062220B	22-Jun-97	Standard	RR
		501	502	6851015	388020	S062221A	22-Jun-97	Standard	RR
	WC	421/422	*	6848164	389088	R062217A	22-Jun-97	Uncorrected	
	WC	423/424	421/422	6848579	389237	R062218A	22-Jun-97	Uncorrected	
	WC	425/426	423/424	6849119	389304	R062218B	22-Jun-97	Uncorrected	
	WC	427/428	425/426	6849419	389418	R062219A	22-Jun-97	Uncorrected	
LIP	CNT	*	*	6854426	384724	G062216A	22-Jun-97	Standard	RR
	CNT	*	*	6854362	385038	G062217A	22-Jun-97	Standard	RR
LIP	CNT	*	*	6852897	384178	G062222A	22-Jun-97	Standard	RR
	FH	49/50	51/52	6855370	382434	Z062220A	22-Jun-97	Standard	RR
	FG	47/48	49/50	6855587	382022	Z062220B	22-Jun-97	Standard	RR
	FL	51/52	53/54	6855161	382826	Z062222A	22-Jun-97	Standard	RR
	FK	53/54	55/56	6854717	383591	Z062223A	22-Jun-97	Standard	RR
	BE	191/192	189/190	6853016	376330	Z062323A	22-Jun-97	Uncorrected	
NO		188/187	186/185	6852175	375897	S062416A	23-Jun-97	Standard	RR
NO		186/185	184/183	6851766	375690	S062417A	23-Jun-97	Standard	RR
NO		184/183	182/181	6851360	375476	S062418A	23-Jun-97	Standard	RR
NO		182/181	*	6850951	375237	S062419A	23-Jun-97	Standard	RR
BIG	BIG	164/163	*	6851521	374378	S062420A	23-Jun-97	Standard	RR
BIG	BIG	165/166	164/163	6851866	374590	S062421A	23-Jun-97	Standard	RR
BIG	BIG	167/168	165/166	6852165	374763	S062422A	23-Jun-97	Standard	RR

BIG	BIG	169/170	167/168	6852656	375050	S062423A	23-Jun-97	Standard	RR
		189/190	187/188	6852680	376143	S062400A	23-Jun-97	Uncorrected	
	WC	207/208	209/210	6852946	377554	G062400A	23-Jun-97	Uncorrected	
ON	BN	205/206	207/208	6852283	377164	G062416C	23-Jun-97	Standard	RR
ON	BM	203/204	205/206	6851901	376948	G062416D	23-Jun-97	Standard	RR
ON	BL	201/202	203/204	6851511	376742	G062417A	23-Jun-97	Standard	RR
ON	BK	199/200	201/202	6851079	376485	G062418A	23-Jun-97	Standard	RR
ON	BJ	*	199/200	6850691	376310	G062419A	23-Jun-97	Standard	RR
ON	CA	229/230	231/232	6851677	377518	G062421B	23-Jun-97	Standard	RR
ON	CB	231/232	233/234	6852091	377740	G062422A	23-Jun-97	Standard	RR
ON	CC	233/234	235/236	6852523	377992	G062422B	23-Jun-97	Standard	RR
	BF	193/194	191/192	6853347	376639	Z062400A	23-Jun-97	Uncorrected	
NO	BG	195/196	193/194	6853765	376836	Z062416A	23-Jun-97	Standard	RR
NO	BH	197/198	195/196	6854177	377047	Z062417A	23-Jun-97	Standard	RR
NO	BI	*	197/198	6854570	377269	Z062418A	23-Jun-97	Standard	RR
BIG	AY	*	179/180	6854863	376328	Z062419A	23-Jun-97	Standard	RR
BIG	AX	179/180	177/178	6854492	376121	Z062419B	23-Jun-97	Standard	RR
BIG	AW	177/178	175/176	6854112	375914	Z062420A	23-Jun-97	Standard	RR
BIG	AV	175/176	173/174	6853766	375703	Z062422A	23-Jun-97	Standard	RR
BIG	AU	173/174	171/172	6853408	375499	Z062422B	23-Jun-97	Standard	RR
ON	WC	*	235/236	6852855	378292	G062516A	25-Jun-97	Standard	RR
NO	WC	253/254	*	6850670	378325	G062519A	25-Jun-97	Standard	RR
NO		211/212	209/210	6853304	377692	S062516A	25-Jun-97	Standard	RR
NO		213/214	211/212	6853738	377926	S062516B	25-Jun-97	Standard	RR
NO		216	213/214	6854180	378154	S062517A	25-Jun-97	Standard	RR
NO		216	*	6854073	378272	S062519A	25-Jun-97	Standard	RR
NO		220	218	6854449	378487	S062520A	25-Jun-97	Standard	RR
NO		222	220	6855301	378912	S062521A	25-Jun-97	Standard	RR
BIG	AT	171/172	169/170	6853016	375266	Z062517A	25-Jun-97	Standard	RR
	AJ	149/150	147/148	6853311	374101	Z062519A	25-Jun-97	Standard	RR
	AK	135/136	133/134	6853692	374326	Z062519B	25-Jun-97	Uncorrected	
	FE	45/46	43/44	6856005	381277	S062618B	26-Jun-97	Standard	RR
	FF	47/48	45/46	6855802	381644	S062619B	26-Jun-97	Standard	RR
	FD	43/44	41/42	6856218	380896	S062620A	26-Jun-97	Standard	RR
	FB	39/40	37/38	6856614	380125	S062621A	26-Jun-97	Standard	RR
	FA	37/38	35/36	6856835	379719	S062622A	26-Jun-97	Standard	RR
	FZ	35/36	334/34	6857063	379275	S062622B	26-Jun-97	Standard	RR
	EY	*	*	6852314	378853	S062623A	26-Jun-97	Uncorrected	
NO		220	218	6854904	378716	Z062616A	26-Jun-97	Standard	RR
NO		224	222	6855748	379145	Z062616B	26-Jun-97	Standard	RR
NO		226	224	6856149	379369	Z062617A	26-Jun-97	Standard	RR
NO		*	226	6856539	379567	Z062618A	26-Jun-97	Standard	RR
NO		*	251-252	6856024	380289	Z062619A	26-Jun-97	Standard	RR
NO		251-252	249-250	6855649	380104	Z062620A	26-Jun-97	Standard	RR
NO		250-249	248-257	6855173	379856	Z062621A	26-Jun-97	Standard	RR
NO		247-248	245-246	6854792	379655	Z062622A	26-Jun-97	Standard	RR
NO		245-246	243-244	6854371	379447	Z062622B	26-Jun-97	Standard	RR
NO		*	263/264	6853135	379594	G062617C	26-Jun-97	Standard	RR
NO		265/266	*	6853364	379808	G062618A	26-Jun-97	Standard	RR

NO		267/268	265/266	6853612	379953	G062618B	26-Jun-97	Standard	RR
NO		269/270	267/268	6854035	380229	G062619A	26-Jun-97	Standard	RR
NO		273/274	271/272	6854780	380664	G062621A	26-Jun-97	Standard	RR
NO		275/276	273/274	6855202	380922	G062622A	26-Jun-97	Standard	RR
NO		*	275/276	6855562	381187	G062622B	26-Jun-97	Standard	RR
WHY		285/286	283/284	6852522	380349	G062717A	27-Jun-97	Standard	RR
WHY		287/288	285/286	6852776	380434	G062717B	27-Jun-97	Standard	RR
WHY		289/290	287/288	6853164	380650	G062718A	27-Jun-97	Standard	RR
WHY		291/292	289/290	6853587	380894	G062719A	27-Jun-97	Standard	RR
WHY		293/294	291/292	6853994	381069	G062720A	27-Jun-97	Standard	RR
WHY		295/296	293/294	6854367	381444	G062721A	27-Jun-97	Standard	RR
WHY		297/298	295/296	6854768	381606	G062721B	27-Jun-97	Standard	RR
WHY		(297/300)?	297/298	6855170	381819	G062722A	27-Jun-97	Standard	RR
	EX	31/32	29/30	6857477	378426	S062716A	27-Jun-97	Standard	RR
	EW	29/30	*	6857673	378034	S062717A	27-Jun-97	Standard	RR
	EV	25/26	*	6858097	378003	S062717B	27-Jun-97	Standard	RR
	EU	26/25	23/24	6858321	377627	S062718A	27-Jun-97	Standard	RR
	ET	23/24	21/22	6858525	377263	S062718B	27-Jun-97	Standard	RR
	ES	19/20	17/18	6858741	376852	S062719A	27-Jun-97	Standard	RR
	EQ	17/18	15/16	6858967	376425	S062720A	27-Jun-97	Standard	RR
	EP	15/16	13/14	6859094	376158	S062722A	27-Jun-97	Standard	RR
	EO	13/14	*	6859360	375611	S062722B	27-Jun-97	Standard	RR
				6859575	375193	S062723A	27-Jun-97	Standard	RR
NO		243/244	241/242	6853907	379205	Z062716A	27-Jun-97	Standard	RR
NO		241/242	239/240	6853484	378975	Z062717A	27-Jun-97	Standard	RR
NO		239/240	237/238	6853118	378761	Z062717B	27-Jun-97	Standard	RR
NO		237/238	*	6852889	378624	Z062718A	27-Jun-97	Standard	RR
	K	17/18	15/16	6854725	372143	G062816A	28-Jun-97	Standard	RR
	J	15/16	13/14	6854362	371925	G062816B	28-Jun-97	Standard	RR
	I	13/14	*	6853980	371702	G062817A	28-Jun-97	Standard	RR
	E	95/96	93/94	6854359	370961	G062818A	28-Jun-97	Standard	RR
	D	93/94	91/92	6853990	370751	G062818B	28-Jun-97	Standard	RR
	C	91/92	89/90	6853601	370546	G062819A	28-Jun-97	Standard	RR
				6852762	370124		28-Jun-97	Standard	RR
	B	89/90	87/88	6853206	370332	G062821B	28-Jun-97	Standard	RR
	A	87/88	*	6852656	370265	G062821A	28-Jun-97	Unformatted	
	F	97/98	95/96	6854767	371184	G062822A	28-Jun-97	Standard	RR
	G	*	97/98	6855054	371345	G062823A	28-Jun-97	Standard	RR
BIG		*	121/122	6855207	373458	Z062816A	28-Jun-97	Standard	RR
BIG		121/122	119/120	6854715	373211	Z062817A	28-Jun-97	Standard	RR
BIG		119/120	117/118	6854428	373016	Z062818A	28-Jun-97	Standard	RR
BIG		117/118	115/116	6853987	372780	Z062818B	28-Jun-97	Standard	RR
BIG		115/116	113/114	6853595	372564	Z062819A	28-Jun-97	Standard	RR
BIG		113/114	111/112	6853225	372376	Z062820A	28-Jun-97	Standard	RR
BIG		111/112	109/110	6852763	372148	Z062822A	28-Jun-97	Standard	RR
BIG		109/110	107/108	6852386	371939	Z062822B	28-Jun-97	Standard	RR
BIG		107/108	105/106	6851985	371736	Z062823A	28-Jun-97	Standard	RR
BIG		105/106	103/104	6851601	371518	Z062823B	28-Jun-97	Standard	RR
BIG	AI	147/148	145/146	6852925	373905	S062816A	28-Jun-97	Standard	RR

BIG	AH	145/146	143/144	6852542	373701	S062817A	28-Jun-97	Standard	RR
BIG	AG	143/144	*	6852138	373490	S062819A	28-Jun-97	Standard	RR
BIG	AB	*	*	6851759	373260	S062820A	28-Jun-97	Standard	RR
BIG	Z	151/152	*	6852111	372457	S062822A	28-Jun-97	Standard	RR
BIG	AA	153/154	151/152	6852499	372674	S062823A	28-Jun-97	Standard	RR
BIG	AB	155/156	153/154	6852844	372851	S062823B	28-Jun-97	Standard	RR
	V	127/128	125/126	6836752	424383	S070221A	02-Jul-97	Uncorrected	
	W	129/130	127/128	6837167	424389	S070221B	02-Jul-97	Uncorrected	
	X	131/132	129/130	6837583	424336	S070222A	02-Jul-97	Uncorrected	
	H	YB80203	YB80201	6837127	435124	G070223A	02-Jul-97	Uncorrected	
	85-86	85-86	*	6833690	423482	Z070217A	02-Jul-97	Uncorrected	
	99, 100	101/102	99/100	6837416	423390	Z070223A	02-Jul-97	Uncorrected	
	BT	YB80080	YB80078	6834196	421537	G070317A	03-Jul-97	Uncorrected	
	BV	84	83	6835229	421557	G070319A	03-Jul-97	Uncorrected	
	CB	96	94	6837895	421415	G070322A	09-Jul-97	Uncorrected	
	GT	YB79894	*	6847238	408713	G070417A	04-Jul-97	Uncorrected	
	GP	YB79886	YB79888	6847337	410464	G070419A	04-Jul-97	Uncorrected	
	GK	YB80355	YB80357	6847109	412829	G070423A	04-Jul-97	Uncorrected	
	HJ	*	79/80	6848360	408589	S070416B	04-Jul-97	Uncorrected	
	GW	55/56	57/58	6847867	413577	S070500A	04-Jul-97	Uncorrected	
	GV	55/56	53/54	6847947	414085	S070500B	04-Jul-97	Uncorrected	
				6849051	413630	Z070500A	04-Jul-97	Uncorrected	
	GJ	YB79883	YB79882	6846939	413253	G070519A	05-Jul-97	Uncorrected	
	GH	YB79878	YB79876	6846897	414631	G070522A	05-Jul-97	Uncorrected	
	RAN	27/28	25/26	6849114	417218	Z070523A	05-Jul-97	Uncorrected	
	GF	YB80005	*	6846965	414987	G070617A	06-Jul-97	Uncorrected	
	JQ	YB80015	YB80013	6847105	417394	G070622A	06-Jul-97	Uncorrected	
				6847238	408713	G070417A	07-Jul-97	Uncorrected	
				6847337	410464	G070419A	07-Jul-97	Uncorrected	
				6847109	412829	G070423A	07-Jul-97	Uncorrected	
13.16		13,16		6849775	418127	G070720A	07-Jul-97	Standard	RR
	JR	YB80017	YB80015	6846991	417833	Z070717A	07-Jul-97	Uncorrected	
	KI	111	110	6846325	419117	Z070721A	07-Jul-97	Uncorrected	
	EJ	142	140	6846376	420539	Z070723A	07-Jul-97	Uncorrected	
	A			6839209	421352	?	08-Jul-97	Standard	RR
PORK	CC	98	97	6838364	421383	G070817A	08-Jul-97	Standard	RR
	CF	104	103	6839683	421351	G070819A	08-Jul-97	Standard	RR
	CG	237	*	6840128	421773	G070821A	08-Jul-97	Standard	RR
	CK	43	41	6842004	421669	G070823A	08-Jul-97	Standard	RR
PORK				6840156	424401	?	09-Jul-97	Standard	RR
PORK				6839997	425160	?	09-Jul-97	Standard	RR
	CL	245	243	6842446	421622	G070916A	09-Jul-97	Standard	RR
	CP	253	251	6844196	421504	G070920A	09-Jul-97	Standard	RR
	CQ	*	253	6844601	421496	G070921A	09-Jul-97	Standard	RR
	AC	*	139/140	6840079	423405	R070918A	09-Jul-97	Uncorrected	
	N	*	167/168	6840137	425037	R070920A	09-Jul-97	Uncorrected	
	L	*	80523	6855105	372341	G062918B	29-Jun-97	Standard	RR
	H	*	82842	6855521	371593	G062919A	29-Jun-97	Standard	RR
	A XXX	80786	*	6833591	425217	G070216A	02-Jul-97	Standard	RR

	D	80196	YB80193	6835411	425158	G070219A	02-Jul-97	Standard	RR
		15/16	13/14	6849775	418127	G070720A	07-Jul-97	Standard	RR
	AC	*	*	6853259	373072	S062918A	29-Jun-97	Standard	RR
	AD	*	*	6853630	373264	S062919A	29-Jun-97	Standard	RR
	AE	161/162	160/159	6854029	373496	S062919B	29-Jun-97	Standard	RR
	AF	*	161/162	6854404	373707	S062920A	29-Jun-97	Standard	RR
	AN	*	139/140	6854811	374916	S062922A	29-Jun-97	Standard	RR
	GP	*	405/406	6849707	384927	S063016A	30-Jun-97	Standard	RR
	O	113	*	6833649	424396	S070216A	02-Jul-97	Standard	RR
	P	115/116	113	6834132	424369	S070217A	02-Jul-97	Standard	RR
	Q	117/118	115/116	6834598	424377	S070218A	02-Jul-97	Standard	RR
	R	119/120	117/118	6835027	424378	S070218B	02-Jul-97	Standard	RR
	S	121/122	119/120	6835484	424330	S070219A	02-Jul-97	Standard	RR
	T	123/124	121/122	6835848	424336	S070219B	02-Jul-97	Standard	RR
	CR	2	*	6833823	420671	S070315A	03-Jul-97	Standard	RR
	DF	1/2	27/28	6840164	420611	S070321A	03-Jul-97	Standard	RR
	JA	43/44	41/42	6848055	415424	S070620A	06-Jul-97	Standard	RR
	CNT	*	*	6853956	382640	Z062920A	29-Jun-97	Standard	RR
	CNT	*	*	6853123	382137	Z062922A	29-Jun-97	Standard	RR
	CNT	*	*	6853633	381304	Z062923A	29-Jun-97	Standard	RR
	WK	1/2	*	6836978	419561	Z070317A	03-Jul-97	Standard	RR
	UNK	*	05-Jun	6838358	419487	Z070318A	03-Jul-97	Standard	RR
	UNK	7-8	*	6838411	419764	Z070319A	03-Jul-97	Standard	RR
	UNK	19/20	17/18	6841120	419602	Z070323A	03-Jul-97	Standard	RR
		*	107/108	6849258	408595	Z070416A	04-Jul-97	Standard	RR
		87/88	85/86	6849129	417203		05-Jul-97	Standard	RR
		*	29/30	6849195	418069	Z070617A	06-Jul-97	Standard	RR
		31/32	*	6848741	418067	Z070618A	06-Jul-97	Standard	RR
		*	39/40	6848874	420451	Z070623A	06-Jul-97	Standard	RR

APPENDIX E

ROCK SAMPLE DESCRIPTIONS

AK	Ankerite	BI	biotite	CA	calcite
CB	Fe-carbonate	CL	chlorite	CY	clay
EP	epidote	GE	goethite	GL	galena
GR	graphite	HE	hematite	JA	jarosite
KF	potassium feldspar	MG	magnetite	MN	Mn-oxides
MS	sericite	PY	pyrite	QZ	quartz
SI	silica	SP	sphalerite		

ALTERATION INTENSITY

tr	trace	w	weak	m	moderate
		s	strong		

Rock Sample Descriptions

Project Name: Lip **Project:** EXR97-01 **NTS:** 105G/14

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sCL	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108482	UTM	N	UTM	E	Strike Length Exp:	Metallics: >1%CP	<5	<.2		70
	Elevation 1155	m	Sample Width:		True Width:	Secondaries: wHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Basalt?		121	86	<2	42

Comments: Quartz actinolite? stringers.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sCL	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108483	UTM	N	UTM	E	Strike Length Exp:	Metallics: 5-7%PY	<5	<.2		70
	Elevation 1160	m	Sample Width:		True Width:	Secondaries: sGE,sHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Basalt?		298	52	6	88

Comments: North side of lake on low brushy ridge. Pyrite veinlets. Subcrop?

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sSI	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108484	UTM	N	UTM	E	Strike Length Exp:	Metallics: >1%PY	<5	<.2		70
	Elevation 1175	m	Sample Width:		True Width:	Secondaries: mHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Volcanics		5	786	<2	44

Comments: Taken on ridge off northeast end of lake. Cherty felsic volcanic float.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: CB,QZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108485	UTM	N	UTM	E	Strike Length Exp:	Metallics:	<5	<.2		9000
	Elevation 1145	m	Sample Width:		True Width:	Secondaries: mHE,mJA	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Sediments?		16	1370	<2	34

Comments: Subcrop. Stockwork type veining. Triangulation: from big knob in valley to the northwest-121 degrees and from first rocky knob to north-212 degrees.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: sCB,sMS,sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108486	UTM	N	UTM	E	Strike Length Exp: 10-15	Metallics: trPY,1%?BA	<5	<.2		3300
	Elevation 1135	m	Sample Width: 5		True Width: 5	Secondaries: wHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Quartz sericite schist		13	38	<2	34

Comments: Taken on rocky ridges below this morning's chopper pad. Triangulation: from big knob in valley to west-120 degrees and from rocky knob to northeast 213 degrees.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sCB,sMS,sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108487	UTM	N	UTM	E	Strike Length Exp:	Metallics:	<5	<.2		8880
	Elevation 1105	m	Sample Width:		True Width:	Secondaries: sHE,sJA,sMN	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Sericite schist		121	76	<2	256

Comments: On hillside below this morning's drop pad. 346 degrees from island on Mask Lake and 114 degrees from second highest peak above (N) Camp A-2.

Rock Sample Descriptions

Project Name: Lip **Project:** EXR97-01 **NTS:** 105G/14

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: sCB,sMS,sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108488	UTM	N	UTM	E	Strike Length Exp: 5	Metallics: trGL	<5	1		90
	Elevation 975	m	Sample Width: 50	cm	True Width: 50 cm	Secondaries: sHE,wJA	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Sericite schist		<1	6	380	24

Comments: Taken on gossan east of Hookworm Lake.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wCB,wQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108522	UTM	N	UTM	E	Strike Length Exp:	Metallics:	<5	<.2		2000
	Elevation 1150	m	Sample Width: 1	m	True Width: 1 m	Secondaries: wHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation 008°/44° E		Joint		Host : Buff chert or cherty exhalite		15	7	<2	46

Comments: Buff to weak hematite stained translucent buff to pale green chert has hackly fractures with homogeneous chert and intervening fissile phyllitic material. Gives pseudofragmental texture. Minor quartz and carbonate vein.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108523	UTM	N	UTM	E	Strike Length Exp: 50	Metallics: trPY	<5	<.2		11000
	Elevation 1150	m	Sample Width: 2	m	True Width: 2 m	Secondaries: wHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation 136°/90°		Bedding		Host : Buff bedded chert-exhalite?		10	8	<2	12

Comments: Similar to 108522 but here rhythmic bedding 2-15cm thick bedding contorted.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108524	UTM	N	UTM	E	Strike Length Exp:	Metallics: trPY	<5	<.2		173000
	Elevation 1135	m	Sample Width:		True Width:	Secondaries: wHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation 126°/90°		Bedding		Host : Lt buff gnish baritic chert/ex		5	26	<2	46

Comments: Rhythmic beds 1-10cm of chert with less than 1cm thick intervening phyllite (tuff). Sample select from disrupted outcrop. Barite occurs as blebs and 1-3mm euhedral crystals in a cherty bed, minor associated chlorite and pyrite.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108525	UTM	N	UTM	E	Strike Length Exp: 50	Metallics: trPY	<5	<.2		94000
	Elevation 1145	m	Sample Width: 6	m	True Width: 4 m	Secondaries: wHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation 126°/90°		Bedding		Host : Lt gn grey-buff barite chert/ex		13	24	<2	38

Comments: See MB-79 for location. Well laminated chert with phyllitic interbeds. <10% of layers are 1-5cm grey crystaline barite?? These are both as beds and nodules. Sample is rough chip over width of outcrop.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108526	UTM	N	UTM	E	Strike Length Exp: 25	Metallics: trPY	<5	<.2		150000
	Elevation 1135	m	Sample Width: 20	cm	True Width: 20 cm	Secondaries: mHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation 140°/67° SW		Bedding		Host : see comments		48	17	6	118

Comments: Host Rock: Hematitic and manganese stained bedded baritic chert/exhalite
Similar to 108525 but outcrops here more hematite stained. Grab of more barite rich material. Minor 1-2% leached sulphides is sugary sericitic phyllite.

Rock Sample Descriptions

Project Name: Lip **Project:** EXR97-01 **NTS:** 105G/14

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108527	UTM	N	UTM	E	Strike Length Exp:	Metallics: 2%PY	95	<.2		4000
	Elevation 1120	m	Sample Width:		True Width:	Secondaries: sGE,mHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : QZ-MS phyllite with disem.PY		1835	22	48	64

Comments: Quartz-sericite-phyllite within chert/exhalite with 5-10% pyrite boxwork, disemmination parallel to foliation 20 X 30cm. Subcrop boulder.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: wQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108528	UTM	N	UTM	E	Strike Length Exp:	Metallics: trPY	<5	<.2		1625
	Elevation 1120	m	Sample Width:		True Width:	Secondaries:	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : White quartz eye rhyolite		5	7	<2	14

Comments: Pure white opaque, porceline-like, very fine-grained, very weakly foliated. 2-5% 0.5-1mm grey translucent rounded to square cross-section quartz eyes. Isolated 10X15X15cm angular cobble of float above chert outcrop.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108529	UTM	N	UTM	E	Strike Length Exp: 20	Metallics: 1%PY	<5	<.2		300
	Elevation 1110	m	Sample Width:		True Width:	Secondaries: wHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation 105°/17° S		Joint		Host : Lt grn rhyolite feldspar porph		8	4	<2	56

Comments: See MB-100. Buff to hematitic weathering, pale to medium translucent, concoidal fracture, cherty. 1-2% 1-4mm lath-like feldspar phenos in an aphanitic matrix.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108530	UTM	N	UTM	E	Strike Length Exp: 3	Metallics:	<5	<.2		1420
	Elevation 1110	m	Sample Width:		True Width:	Secondaries:	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation 111°/31° N		Bedding		Host : Lt grn QZ FL felsic porphyry		140	160	<2	58

Comments: Large 2X?m mass of felsic within basalt. May be sill or large block. Should thin section contact.

Sample Number:	Grid North:	N	Grid East:	E	Type:	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
108531	UTM	N	UTM	E	Strike Length Exp:	Metallics:	<5	<.2		200
	Elevation		Sample Width:		True Width:	Secondaries:	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : QZ vein fragments from bk phyl		14	13	8	14

Comments: Soil location anomalous in copper. Sample 108517 is of black graphitic phyllite chips. This sample of bull quartz and minor quartz carbonate vein fragments.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sMS,sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
230830	UTM	N	UTM	E	Strike Length Exp:	Metallics: trPY	<5	<.2	6	170
	Elevation 900	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries: sHE,sJA	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Quartz, sericite schist		32	81	4	128

Comments: Float chips from 2300N/3950W. Quartz chips with pyrite, jarosite. Quartz, sericite schist chips with pyrite, jarosite and hematite plus block shale with trace pyrite and jarosite.

Rock Sample Descriptions

Project Name: Lip **Project:** EXR97-01 **NTS:** 105G/14

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
230831	UTM	N	UTM	E	Strike Length Exp:	Metallics: 2-3%HS,5-7%PO,tr?SP	<5	0.2	16	60
	Elevation 2985	ft	Sample Width: 0	cm	True Width: 0 cm	Secondaries: sHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Quartz Schist		83	43	4	282

Comments: Taken on soil line at 2300N/3990W.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sMS,sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
230832	UTM	N	UTM	E	Strike Length Exp:	Metallics:	<5	<.2	<2	90
	Elevation 3248	ft	Sample Width: 0	cm	True Width: 0 cm	Secondaries: mHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Quartz, sericite schist		45	195	<2	62

Comments: Taken at CH97-128. Rock chips in soil hole.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sMS,sQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
230833	UTM	N	UTM	E	Strike Length Exp:	Metallics: trCP,2-3%PY	40	0.2	322	10
	Elevation 2800	ft	Sample Width: 0	cm	True Width: 0 cm	Secondaries: mHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Quartz, sericite schist		384	739	2	108

Comments: Taken about 100m due east of CH97-37 on north side of small grassy marsh.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
230834	UTM	N	UTM	E	Strike Length Exp:	Metallics:	<5	<.2	<2	470
	Elevation 2850	ft	Sample Width: 0	cm	True Width: 0 cm	Secondaries:	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Mafic rock		23	52	<2	80

Comments: Mafic rock full of pyroxene and quite heavy. 100-150m east of NM97-35 on cat Road at intersection with cut line.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: QZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
230835	UTM	N	UTM	E	Strike Length Exp: 20	Metallics:	<5	0.2	8	120
	Elevation 3010	ft	Sample Width: 20	m	True Width: 10 m	Secondaries: wHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Tuffaceous argillite		17	15	8	24

Comments: Taken about 100m west of DH97-167 on ourcrop ridge in middle of small gully. Lots of outcrop over 100m radius here.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: QZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
230836	UTM	N	UTM	E	Strike Length Exp: 20	Metallics:	<5	0.2	4	110
	Elevation 3010	ft	Sample Width: 10	m	True Width: 10 m	Secondaries: wHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Tuffaceous argillite		12	6	8	54

Comments: Taken on east end of exposure adjacent to 230835, 100m west of DH97-167. Lots of outcrop over 100m radius here.

Rock Sample Descriptions

Project Name: Lip **Project:** EXR97-01 **NTS:** 105G/14

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
230837	UTM	N	UTM	E	Strike Length Exp: 20	Metallics:	<5	0.8	8	160
	Elevation 3010	ft	Sample Width: 10	m	True Width: 10 m	Secondaries: wHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Tuffacious argillite		11	3	8	26

Comments: Taken 20m south of 230835 and 230836 on south side of small gully. 100m west of DH97-167.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: mCL,sQZ,sAK	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
4901	UTM	N	UTM	E	Strike Length Exp:	Metallics:	<5	<.2	22	1240
	Elevation 880	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries:	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Vuggy quartz-ankerite vein		<1	23	<2	42

Comments: Typical coarse crystaline vuggy quartz and ankerite with black 1-5mm possible chlorite patches. Sample from soil pit 20X15cm cobble at station 1700W 3750N.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: wQZ,wAK	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
4902	UTM	N	UTM	E	Strike Length Exp:	Metallics: 1%PY,?SP	<5	0.2	6	470
	Elevation 980	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries: wGE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Black quartz-bearing carbonaceous schist		41	33	4	70

Comments: Black phyllie/schist, carbonaceous with clear folioform quartz lenses. May be sulphides, very difficult to distinguish. Angular 5X15cm rock fragments from soil sample pit CH975-240.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: sCA,sCB,mMS,wQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
4903	UTM	N	UTM	E	Strike Length Exp: 3	Metallics:	<5	<.2	<2	50
	Elevation 980	m	Sample Width: 200	cm	True Width: 200 cm	Secondaries:	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation 142°/54° NE		Foliation		Host : Pale green amygdaloidal andesite lapilli tuff		79	193	<2	46

Comments: Pale green calcite-chlorite-quartz schist but distinct 1-5cm angular clasts in a tuff matrix?. Some fragments. >10-15% 1-3mm calcite-chlorite filled amygdites. This not typical SM BSL, ie. this foliated likely andesite (compare to hanging wall at Wolverine).

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
4904	UTM	N	UTM	E	Strike Length Exp:	Metallics:	<5	<.2	<2	2000
	Elevation 1000	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries: wGE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Medium grey weakly calcareous siltstone		5	12	4	70

Comments: 1-4cm subangular rock fragments in soil pit CH975-125 which ran >5000ppm barium.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
4905	UTM	N	UTM	E	Strike Length Exp:	Metallics:	<5	<.2	8	570
	Elevation 940	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries: wGE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Black soft crenulated carbonaceous phyllite		24	42	14	62

Comments: Subangular rock fragments in soil pit NM975-22. Minor goethite on surfaces, no visible suphides.

Rock Sample Descriptions

Project Name: Lip **Project:** EXR97-01 **NTS:** 105G/14

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
4906	UTM	N	UTM	E	Strike Length Exp: 2	Metallics:	15	<.2	40	580
	Elevation 980	m	Sample Width: 100	cm	True Width: 100 cm	Secondaries: mHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation 070°/45° N		Foliation		Host : Grey chert,barite,felsite fragmental in argillite matrix		61	34	8	82

Comments: Red hematite weathering, 0.3-2cm fragments, subangular of silica, phyllite, chert, white felsite, hematitic chert, and possibly barite in a grey silica phyllite matrix. Immediately upslope from DH975-281. Also abundant till in bank.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: wCA,wCL,wQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
4907	UTM	N	UTM	E	Strike Length Exp:	Metallics:	<5	<.2	<2	90
	Elevation 1010	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries:	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Medium green chlorite-calcite altered basalt		56	35	<2	48

Comments: Sample from bottom soil hole DH97S-286. Alteration as 1-2mm chlorite-calcite stringers. Test for high background zinc. Soil >400ppm zinc.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: mQZ	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
4908	UTM	N	UTM	E	Strike Length Exp: 1	Metallics:	20	<.2	54	250
	Elevation 1030	m	Sample Width: 50	cm	True Width: 50 cm	Secondaries: mGE,mHE	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : Black siliceous argillite with 5% 1-5mm rusty quartz vein		13	7	6	16

Comments: Unremarkable siliceous argillite with weak bull quartz veining. 20m west of DH975-287.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
4909	UTM	N	UTM	E	Strike Length Exp: 100	Metallics:	<5	<.2	6	3000
	Elevation 1070	m	Sample Width: 30	m	True Width: cm	Secondaries:	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation 118°/25° N		Bedding		Host : Buff - grey and pale green chert/exhalite		23	14	2	34

Comments: Rhythmic bedded chert/exhalite, very similar to barite bluff exposures. Highly contorted and folded. Sample is grab over 25X75m area.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)
4910	UTM	N	UTM	E	Strike Length Exp:	Metallics: 2%PO	<5	<.2	12	1165
	Elevation 1070	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries:	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Lip	Orientation				Host : White finely laminated exhalite/flow banded rhyolite?		18	18	16	32

Comments: 15X20cm subangular cobble. Very (<1mm) finely laminated felsite rock, may be baritic, could be flow banded rhyolite or exhalite - transported. Minor pyrrhotite as blebs and lenses.

APPENDIX F

CERTIFICATES OF ANALYSIS

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

A9730691

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9730691

(EIA) - EQUITY ENGINEERING LTD.

Project: EXR97-01
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 10-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	2	Dry, sieve to -80 mesh
202	2	save reject
229	2	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	2	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	2	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	2	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	2	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	2	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	2	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	2	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	2	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	2	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	2	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	2	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	2	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	2	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	2	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	2	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	2	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	2	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	2	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	2	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	2	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	2	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	2	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	2	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	2	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	2	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	2	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	2	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	2	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	2	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	2	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	2	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	2	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	2	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: EQUITY ENGINEERING LTD.

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

Project : EXR97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :1-A
Total Pages :1
Certificate Date: 10-JUL-97
Invoice No. :I9730691
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730691

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
97MBS-1	201	202	< 5	< 0.2	0.81	130	190	< 0.5	< 2	2.66	< 0.5	19	7	9	9.04	< 10	< 1	0.05	10	0.99	4740
97MBS-2	201	202	< 5	< 0.2	0.75	56	250	< 0.5	< 2	2.67	0.5	10	6	9	8.43	< 10	< 1	0.06	10	1.07	5790

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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Project : EXR97-01
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Page Number : 1-B
Total Pages : 1
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CERTIFICATE OF ANALYSIS A9730691

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
97MBS-1	201	202	3	0.01	33	470	60	< 2	3	77	< 0.01	< 10	< 10	14	< 10	88
97MBS-2	201	202	2	0.01	20	600	76	2	2	69	< 0.01	< 10	< 10	14	< 10	96

CERTIFICATION: _____

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To: EQUITY ENGINEERING LTD.

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

A9730702

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CERTIFICATE A9730702

(EIA) - EQUITY ENGINEERING LTD.

Project: EXR-97-01
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	160	Dry, sieve to -80 mesh
202	160	save reject
285	160	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	159	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	160	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	160	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	160	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	160	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	160	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	160	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	160	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	160	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	160	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	160	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	160	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	160	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	160	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	160	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	160	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	160	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	160	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	160	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	160	Pb ppm: 24 element, rock & core	AAS	2	10000
582	160	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	160	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	160	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	160	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	160	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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Project : EXR-97-01
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Page Number :1-A
Total Pages :5
Certificate Date: 14-JUL-97
Invoice No. : I9730702
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730702

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
CH-97 S-001	201	202	< 5	< 0.2	0.45	350	< 0.5	< 2	3.45	< 0.5	1	6	8	0.21	0.13	0.43
CH-97 S-002	201	202	< 5	< 0.2	3.98	1510	1.0	< 2	0.51	< 0.5	7	61	22	1.92	1.37	0.64
CH-97 S-003	201	202	< 5	< 0.2	4.06	1320	1.0	< 2	0.86	< 0.5	7	56	21	1.98	1.34	0.63
CH-97 S-004	201	202	< 5	< 0.2	4.60	800	0.5	< 2	3.01	0.5	4	15	31	1.23	1.21	0.62
CH-97 S-005	201	202	< 5	< 0.2	0.39	290	< 0.5	< 2	4.02	0.5	< 1	4	14	0.17	0.11	0.46
CH-97 S-006	201	202	25	0.4	6.35	1920	2.0	< 2	1.36	0.5	9	87	38	2.91	2.09	1.00
CH-97 S-007	201	202	< 5	0.2	4.56	1180	0.5	< 2	0.38	0.5	11	71	13	2.60	1.10	0.61
CH-97 S-008	201	202	< 5	< 0.2	4.93	790	0.5	< 2	3.32	< 0.5	4	11	20	1.42	1.27	0.61
CH-97 S-009	201	202	< 5	< 0.2	1.95	370	< 0.5	< 2	3.47	2.0	3	7	32	0.63	0.43	0.62
CH-97 S-010	201	202	< 5	0.4	5.33	1680	1.0	< 2	0.96	1.5	14	139	33	2.94	1.40	0.78
CH-97 S-011	201	202	< 5	< 0.2	4.62	1320	1.0	< 2	0.91	0.5	12	68	24	2.20	1.31	0.65
CH-97 S-012	201	202	< 5	0.4	5.23	1550	1.5	< 2	1.66	2.0	8	73	31	2.27	1.51	0.85
CH-97 S-013	201	202	< 5	< 0.2	5.15	1350	1.0	< 2	0.95	0.5	6	69	18	2.19	1.56	0.70
CH-97 S-014	201	202	< 5	< 0.2	5.02	1510	1.0	< 2	0.62	< 0.5	9	72	18	2.33	1.39	0.73
CH-97 S-015	201	202	< 5	< 0.2	5.03	1260	1.0	< 2	1.34	< 0.5	6	58	17	2.15	1.41	0.78
CH-97 S-016	201	202	< 5	< 0.2	5.44	1570	1.5	< 2	0.86	< 0.5	8	81	19	2.76	1.46	0.80
CH-97 S-017	201	202	< 5	< 0.2	4.88	1370	1.0	< 2	0.77	< 0.5	8	78	18	2.54	1.17	0.84
CH-97 S-018	201	202	< 5	< 0.2	4.89	1340	1.5	< 2	0.78	< 0.5	9	75	24	2.81	1.33	0.84
CH-97 S-019	201	202	< 5	< 0.2	5.60	1350	1.0	< 2	1.11	< 0.5	7	59	24	2.54	1.57	0.82
CH-97 S-020	201	202	< 5	< 0.2	0.71	480	< 0.5	< 2	3.50	0.5	< 1	5	15	0.32	0.09	0.50
CH-97 S-021	201	202	< 5	< 0.2	3.23	730	0.5	< 2	3.87	< 0.5	3	5	27	0.84	0.81	0.46
CH-97 S-022	201	202	< 5	< 0.2	4.29	960	1.0	< 2	1.71	0.5	6	52	31	1.96	1.03	0.64
CH-97 S-023	201	202	< 5	< 0.2	3.06	950	0.5	< 2	5.39	1.0	4	14	119	0.85	0.73	0.51
CH-97 S-024	201	202	< 5	0.4	6.30	2450	2.0	< 2	1.97	1.5	10	91	61	3.10	2.04	1.04
CH-97 S-025	201	202	10	< 0.2	6.54	2350	2.0	< 2	0.78	0.5	12	100	53	3.26	2.14	1.07
CH-97 S-026	201	202	< 5	0.4	5.96	2050	1.5	< 2	1.29	0.5	7	80	55	2.67	1.83	0.79
CH-97 S-027	201	202	< 5	< 0.2	4.87	1560	1.5	< 2	0.96	< 0.5	9	80	30	2.31	1.41	0.83
CH-97 S-028	201	202	< 5	< 0.2	4.88	1440	1.5	< 2	1.33	1.5	10	80	38	2.37	1.47	0.92
CH-97 S-029	201	202	< 5	< 0.2	4.80	1600	1.5	< 2	0.89	< 0.5	10	81	31	2.24	1.45	0.87
CH-97 S-030	201	202	< 5	< 0.2	4.53	1610	1.0	< 2	0.94	< 0.5	9	77	22	2.16	1.39	0.78
CH-97 S-031	201	202	< 5	< 0.2	5.53	1570	1.5	< 2	1.16	0.5	11	77	35	2.51	1.64	0.88
CH-97 S-032	201	202	< 5	< 0.2	5.56	1320	1.5	< 2	1.42	0.5	9	65	28	2.18	1.61	0.81
CH-97 S-033	201	202	5	< 0.2	3.95	1310	1.0	< 2	1.98	< 0.5	9	62	26	1.87	1.14	0.64
CH-97 S-034	201	202	< 5	< 0.2	2.45	1120	0.5	< 2	3.08	1.5	32	38	32	2.05	0.70	0.42
CH-97 S-035	201	202	< 5	< 0.2	7.15	2220	2.0	< 2	1.04	0.5	13	104	66	3.43	2.39	1.23
CH-97 S-036	201	202	< 5	< 0.2	5.72	1520	1.5	< 2	1.27	0.5	10	73	35	2.58	1.76	0.80
CH-97 S-037	201	202	< 5	< 0.2	5.39	1330	1.5	< 2	1.67	< 0.5	7	63	28	2.08	1.51	0.81
CH-97 S-038	201	202	15	< 0.2	4.57	1570	1.5	< 2	0.70	< 0.5	9	73	31	2.31	1.47	0.73
CH-97 S-039	201	202	10	< 0.2	5.77	2100	2.0	< 2	0.96	1.0	7	86	47	3.01	1.92	0.94
CH-97 S-040	201	202	< 5	< 0.2	6.06	1420	1.5	< 2	2.66	< 0.5	7	33	34	1.95	1.82	0.63

CERTIFICATION: Ivan Bruckler

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9730702

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
CH-97 S-001	201	202	110	1	0.09	6	690	6	133	0.01	11	< 10	96			
CH-97 S-002	201	202	305	2	0.40	36	740	2	66	0.21	146	< 10	74			
CH-97 S-003	201	202	460	3	0.59	31	1100	< 2	108	0.21	127	< 10	90			
CH-97 S-004	201	202	325	1	1.42	20	1010	< 2	345	0.14	46	< 10	96			
CH-97 S-005	201	202	235	< 1	0.09	11	980	< 2	152	0.01	9	< 10	94			
CH-97 S-006	201	202	365	4	0.47	46	1030	8	110	0.24	206	< 10	152			
CH-97 S-007	201	202	365	2	0.51	31	380	4	57	0.26	136	< 10	196			
CH-97 S-008	201	202	360	1	1.63	8	830	< 2	420	0.18	47	< 10	64			
CH-97 S-009	201	202	555	3	0.54	20	780	< 2	241	0.07	24	< 10	50			
CH-97 S-010	201	202	590	4	0.49	64	760	12	89	0.23	234	< 10	430			
CH-97 S-011	201	202	745	3	0.63	42	520	4	116	0.21	172	< 10	152			
CH-97 S-012	201	202	675	3	0.88	49	730	8	174	0.28	135	< 10	180			
CH-97 S-013	201	202	405	2	0.92	29	480	8	134	0.29	135	< 10	140			
CH-97 S-014	201	202	405	2	0.59	37	310	6	87	0.26	143	< 10	110			
CH-97 S-015	201	202	270	1	0.80	33	600	8	164	0.23	125	< 10	90			
CH-97 S-016	201	202	305	2	0.74	44	370	4	110	0.29	155	< 10	82			
CH-97 S-017	201	202	270	3	0.69	55	510	< 2	103	0.26	127	< 10	94			
CH-97 S-018	201	202	405	3	0.59	53	660	12	92	0.26	144	< 10	118			
CH-97 S-019	201	202	290	3	1.07	38	940	4	184	0.25	121	< 10	104			
CH-97 S-020	201	202	1330	4	0.07	18	960	< 2	168	0.01	9	< 10	62			
CH-97 S-021	201	202	720	1	1.04	37	760	< 2	329	0.10	23	< 10	52			
CH-97 S-022	201	202	285	1	0.60	34	550	4	120	0.21	94	< 10	136			
CH-97 S-023	201	202	1320	2	0.75	193	870	< 2	335	0.08	29	< 10	40			
CH-97 S-024	201	202	395	3	0.46	76	1140	16	106	0.27	231	< 10	208			
CH-97 S-025	201	202	460	4	0.53	66	990	14	88	0.28	230	< 10	166			
CH-97 S-026	201	202	295	3	0.63	57	670	8	122	0.23	186	< 10	136			
CH-97 S-027	201	202	395	2	0.50	46	1170	12	100	0.23	161	< 10	86			
CH-97 S-028	201	202	650	1	0.48	57	1090	10	100	0.21	160	< 10	126			
CH-97 S-029	201	202	450	1	0.51	48	1200	8	101	0.26	165	< 10	102			
CH-97 S-030	201	202	525	1	0.47	41	1210	6	97	0.24	152	< 10	90			
CH-97 S-031	201	202	685	1	0.78	48	1040	10	149	0.23	156	< 10	104			
CH-97 S-032	201	202	685	2	0.98	41	910	12	201	0.22	132	< 10	90			
CH-97 S-033	201	202	605	1	0.37	33	1140	4	116	0.16	121	< 10	74			
CH-97 S-034	201	202	5800	7	0.20	71	1230	4	129	0.09	75	< 10	128			
CH-97 S-035	201	202	520	3	0.56	70	1130	16	101	0.33	237	< 10	170			
CH-97 S-036	201	202	710	2	0.97	48	1020	12	188	0.25	145	< 10	116			
CH-97 S-037	201	202	495	3	0.93	36	1070	4	202	0.22	133	< 10	98			
CH-97 S-038	201	202	365	3	0.50	48	1080	12	78	0.26	162	< 10	140			
CH-97 S-039	201	202	310	3	0.53	55	1180	10	104	0.29	196	< 10	186			
CH-97 S-040	201	202	545	3	1.62	28	880	6	375	0.20	102	< 10	90			

CERTIFICATION: Howard Bradley

Chemex Labs Ltd.

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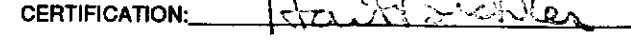
CH-97 S-041	201	202	< 5	< 0.2	0.87	290	< 0.5	< 2	5.15	1.0	3	5	22	0.33	0.22	0.37
CH-97 S-042	201	202	< 5	< 0.2	6.27	1960	2.0	< 2	0.84	0.5	10	90	44	3.04	1.97	0.99
CH-97 S-043	201	202	< 5	< 0.2	5.87	2330	2.0	< 2	0.83	0.5	11	87	49	3.04	1.81	0.90
CH-97 S-044	201	202	< 5	< 0.2	4.40	1750	1.5	< 2	2.34	3.5	7	65	56	2.02	1.40	0.89
CH-97 S-045	201	202	< 5	< 0.2	4.81	1270	1.0	< 2	2.19	0.5	4	44	31	1.73	1.47	0.63
CH-97 S-046	201	202	< 5	< 0.2	7.48	1220	1.5	< 2	1.58	< 0.5	3	24	23	1.94	2.19	0.57
CH-97 S-047	201	202	< 5	< 0.2	5.93	2190	1.5	< 2	0.95	0.5	9	83	55	2.89	1.88	0.85
CH-97 S-048	201	202	< 5	< 0.2	5.23	1680	1.5	< 2	1.18	0.5	6	73	38	2.39	1.66	0.77
CH-97 S-049	201	202	< 5	< 0.2	4.57	1530	1.5	< 2	0.52	0.5	8	80	21	2.34	1.43	0.75
CH-97 S-050	201	202	< 5	< 0.2	4.76	1410	1.0	< 2	0.64	1.0	10	87	13	2.52	1.35	0.67
CH-97 S-051	201	202	< 5	< 0.2	4.28	1690	1.0	< 2	1.39	0.5	8	66	23	1.94	1.39	0.72
CH-97 S-052	201	202	< 5	< 0.2	4.58	1720	1.5	< 2	1.00	1.0	9	75	38	2.37	1.31	0.73
CH-97 S-053	201	202	< 5	< 0.2	4.78	1580	1.5	< 2	0.74	0.5	5	80	29	1.79	1.45	0.75
CH-97 S-054	201	202	< 5	< 0.2	4.56	1360	1.0	< 2	1.01	< 0.5	7	75	26	1.92	1.40	0.78
CH-97 S-055	201	202	< 5	< 0.2	4.84	1550	1.5	< 2	1.29	1.0	9	77	28	2.01	1.53	0.88
CH-97 S-056	201	202	< 5	< 0.2	3.14	1630	0.5	< 2	1.18	0.5	6	66	41	1.62	0.94	0.59
CH-97 S-057	201	202	< 5	< 0.2	5.69	1820	1.5	< 2	0.92	0.5	10	83	38	2.86	1.85	0.86
CH-97 S-058	201	202	< 5	< 0.2	5.47	2050	1.5	< 2	1.95	1.5	9	73	59	2.66	1.62	0.80
CH-97 S-059	201	202	< 5	< 0.2	6.77	1230	1.5	< 2	1.89	< 0.5	5	29	31	2.01	1.96	0.61
CH-97 S-060	201	202	< 5	< 0.2	3.24	780	0.5	< 2	4.11	< 0.5	2	6	21	0.73	0.89	0.30
CH-97 S-061	201	202	< 5	< 0.2	6.00	1800	1.5	< 2	2.18	0.5	14	93	58	3.13	1.84	0.93
CH-97 S-062	201	202	< 5	< 0.2	6.01	1500	1.5	< 2	1.39	0.5	8	70	40	2.34	1.73	0.77
CH-97 S-063	201	202	< 5	< 0.2	5.45	1570	1.5	< 2	1.29	1.5	11	76	45	2.38	1.68	0.80
CH-97 S-064	201	202	< 5	< 0.2	4.50	1000	0.5	< 2	3.16	< 0.5	6	10	17	1.30	1.24	0.47
CH-97 S-065	201	202	< 5	< 0.2	4.48	1600	1.5	< 2	0.31	0.5	8	84	34	2.48	1.22	0.73
CH-97 S-066	201	202	< 5	< 0.2	4.72	1680	1.5	< 2	0.32	< 0.5	9	83	29	2.68	1.25	0.76
CH-97 S-067	201	202	< 5	< 0.2	5.09	1450	1.0	< 2	0.62	< 0.5	8	65	18	2.30	1.36	0.66
CH-97 S-068	201	202	< 5	< 0.2	4.75	1360	1.0	< 2	0.49	< 0.5	8	91	26	3.11	1.29	0.77
CH-97 S-069	201	202	< 5	< 0.2	4.53	1720	1.0	< 2	0.48	0.5	9	69	24	2.35	1.18	0.70
CH-97 S-070	201	202	< 5	< 0.2	4.05	1530	1.0	< 2	0.53	< 0.5	6	75	25	2.15	1.34	0.64
CH-97 S-071	201	202	< 5	< 0.2	5.19	980	0.5	< 2	3.08	< 0.5	4	14	20	1.38	1.43	0.54
CH-97 S-072	201	202	< 5	< 0.2	4.83	1360	1.0	< 2	1.61	0.5	9	74	28	2.24	1.41	0.74
CH-97 S-073	201	202	< 5	< 0.2	1.63	580	< 0.5	2	0.30	< 0.5	3	30	7	0.80	0.48	0.24
CH-97 S-074	201	202	< 5	< 0.2	2.07	740	< 0.5	< 2	4.31	0.5	1	14	21	0.75	0.52	0.38
CH-97 S-075	201	202	< 5	< 0.2	5.64	1070	0.5	< 2	0.94	< 0.5	5	65	19	2.13	1.56	0.58
CH-97 S-076	201	202	< 5	< 0.2	5.95	1250	1.0	< 2	1.38	< 0.5	6	59	19	2.07	1.72	0.71
CH-97 S-077	201	202	< 5	< 0.2	5.71	1450	1.0	< 2	1.16	< 0.5	10	72	61	2.30	1.48	0.77
CH-97 S-078	201	202	< 5	< 0.2	5.31	1800	1.5	< 2	0.50	0.5	9	83	30	2.53	1.68	0.77
CH-97 S-079	201	202	< 5	< 0.2	5.56	2170	1.5	< 2	0.76	0.5	9	85	42	2.61	1.71	0.83
CH-97 S-080	201	202	< 5	< 0.2	5.56	1440	1.0	< 2	1.35	0.5	10	50	27	2.12	1.56	0.64

CERTIFICATION: 

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 14-JUL-97
Invoice No. :I9730702
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730702

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
CH-97 S-041	201 202	1975	7	0.22	58	1120	< 2	198	0.03	13	< 10	144			
CH-97 S-042	201 202	420	3	0.54	54	770	8	99	0.29	213	< 10	146			
CH-97 S-043	201 202	375	3	0.46	49	1010	12	99	0.28	225	< 10	166			
CH-97 S-044	201 202	400	1	0.40	73	1180	6	124	0.21	152	< 10	256			
CH-97 S-045	201 202	310	3	0.91	34	920	4	225	0.18	114	< 10	120			
CH-97 S-046	201 202	330	2	2.30	11	740	6	450	0.23	87	< 10	82			
CH-97 S-047	201 202	405	3	0.59	55	870	10	124	0.27	212	< 10	152			
CH-97 S-048	201 202	300	3	0.78	49	1300	10	150	0.26	159	< 10	142			
CH-97 S-049	201 202	340	3	0.47	49	1010	8	66	0.24	156	< 10	128			
CH-97 S-050	201 202	595	1	0.56	30	1500	8	91	0.28	149	< 10	208			
CH-97 S-051	201 202	455	3	0.64	39	1010	4	129	0.21	128	< 10	88			
CH-97 S-052	201 202	595	2	0.57	69	1180	8	112	0.20	149	< 10	110			
CH-97 S-053	201 202	155	1	0.53	42	1080	12	97	0.24	160	< 10	94			
CH-97 S-054	201 202	315	1	0.50	39	1050	8	98	0.23	148	< 10	106			
CH-97 S-055	201 202	335	1	0.54	44	1120	12	107	0.25	156	< 10	144			
CH-97 S-056	201 202	285	< 1	0.30	53	910	4	82	0.18	124	< 10	66			
CH-97 S-057	201 202	500	4	0.55	50	930	12	99	0.30	195	< 10	188			
CH-97 S-058	201 202	370	3	0.50	64	1040	10	124	0.24	188	< 10	228			
CH-97 S-059	201 202	340	3	1.96	23	710	6	395	0.21	96	< 10	112			
CH-97 S-060	201 202	395	1	1.10	14	940	2	283	0.09	21	< 10	42			
CH-97 S-061	201 202	855	3	0.48	71	1050	14	114	0.27	201	< 10	150			
CH-97 S-062	201 202	465	2	1.08	47	1020	12	218	0.23	142	< 10	90			
CH-97 S-063	201 202	460	1	0.80	61	1050	8	166	0.24	153	< 10	154			
CH-97 S-064	201 202	865	4	1.55	12	770	4	410	0.13	37	< 10	52			
CH-97 S-065	201 202	300	3	0.39	61	460	4	56	0.24	162	< 10	84			
CH-97 S-066	201 202	330	3	0.36	56	540	8	49	0.25	174	< 10	88			
CH-97 S-067	201 202	310	2	0.84	27	460	4	157	0.26	141	< 10	74			
CH-97 S-068	201 202	330	4	0.54	45	1550	16	84	0.27	159	< 10	148			
CH-97 S-069	201 202	645	1	0.45	49	420	14	74	0.22	155	< 10	160			
CH-97 S-070	201 202	275	3	0.46	40	1020	4	70	0.24	156	< 10	98			
CH-97 S-071	201 202	440	1	1.75	13	750	8	419	0.17	50	< 10	60			
CH-97 S-072	201 202	790	3	0.84	50	1050	10	192	0.23	134	< 10	108			
CH-97 S-073	201 202	105	< 1	0.21	14	260	4	34	0.09	53	< 10	48			
CH-97 S-074	201 202	300	1	0.59	16	780	6	264	0.07	25	< 10	56			
CH-97 S-075	201 202	290	3	1.33	18	560	6	245	0.27	112	< 10	80			
CH-97 S-076	201 202	350	2	1.54	25	720	4	311	0.25	98	< 10	80			
CH-97 S-077	201 202	815	3	1.07	68	700	8	204	0.28	112	< 10	124			
CH-97 S-078	201 202	280	3	0.50	35	1090	10	79	0.30	182	< 10	114			
CH-97 S-079	201 202	320	3	0.51	44	1230	16	95	0.29	185	< 10	122			
CH-97 S-080	201 202	845	3	1.25	25	760	10	272	0.25	115	< 10	170			

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers

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To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :3-A
Total Pages :5
Certificate Date: 14-JUL-97
Invoice No. :I9730702
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730702

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
CH-97 S-081	201	202	< 5	< 0.2	3.50	4130	0.5	< 2	0.21	0.5	1	81	34	1.45	1.17	0.30
CH-97 S-082	201	202	< 5	< 0.2	4.56	1430	1.0	< 2	0.56	< 0.5	6	57	18	2.12	1.34	0.56
CH-97 S-083	201	202	< 5	< 0.2	4.21	1210	1.0	< 2	0.42	0.5	8	64	16	2.58	1.23	0.52
CH-97 S-084	201	202	< 5	< 0.2	5.18	1530	0.5	< 2	0.68	1.0	16	73	24	3.07	1.06	0.60
CH-97 S-085	201	202	< 5	< 0.2	2.54	450	< 0.5	< 2	3.12	< 0.5	1	6	14	0.68	0.66	0.61
CH-97 S-086	201	202	< 5	< 0.2	6.02	1300	1.0	< 2	2.00	0.5	5	70	31	1.54	1.80	0.79
CH-97 S-087	201	202	< 5	< 0.2	5.80	1800	1.5	< 2	1.89	0.5	10	97	34	2.87	1.46	1.05
CH-97 S-088	201	202	< 5	< 0.2	5.45	1450	0.5	< 2	0.73	0.5	9	84	17	2.85	1.27	0.67
CH-97 S-089	201	202	< 5	< 0.2	5.24	1150	1.0	2	1.54	< 0.5	6	38	37	1.66	1.52	0.52
CH-97 S-090	201	202	< 5	< 0.2	4.58	1320	0.5	< 2	0.30	0.5	6	65	16	2.59	1.26	0.50
CH-97 S-091	201	202	< 5	< 0.2	4.19	1130	0.5	< 2	2.44	1.5	6	10	30	1.16	1.14	0.41
CH-97 S-092	201	202	< 5	< 0.2	4.11	1290	0.5	< 2	1.06	< 0.5	5	52	12	1.82	1.28	0.56
CH-97 S-093	201	202	< 5	< 0.2	4.05	1240	0.5	< 2	1.19	0.5	5	54	18	1.64	1.23	0.55
CH-97 S-094	201	202	< 5	< 0.2	5.03	760	0.5	< 2	2.47	< 0.5	3	8	23	1.26	1.38	0.50
CH-97 S-095	201	202	< 5	< 0.2	4.87	1120	1.0	< 2	1.24	0.5	8	71	19	2.32	1.38	0.70
CH-97 S-096	201	202	< 5	< 0.2	2.82	780	0.5	< 2	3.28	0.5	1	7	40	0.84	0.71	0.42
CH-97 S-097	201	202	< 5	0.6	4.51	1330	1.0	< 2	1.13	1.0	7	49	27	1.78	1.29	0.52
CH-97 S-098	201	202	< 5	0.4	4.88	1320	1.0	< 2	1.10	0.5	7	55	26	1.99	1.41	0.63
CH-97 S-099	201	202	< 5	0.4	4.07	1430	0.5	< 2	1.36	0.5	7	52	22	1.83	1.16	0.57
CH-97 S-100	201	202	< 5	0.2	4.27	1360	1.0	< 2	0.88	< 0.5	7	61	19	2.16	1.25	0.58
CH-97 S-101	201	202	< 5	< 0.2	5.16	1210	1.0	< 2	0.94	0.5	9	63	22	2.57	1.44	0.64
CH-97 S-102	201	202	< 5	< 0.2	4.34	1280	1.0	< 2	0.59	0.5	7	62	12	2.06	1.33	0.58
CH-97 S-103	201	202	< 5	< 0.2	5.69	1490	1.0	< 2	1.41	0.5	9	58	24	2.42	1.67	0.68
CH-97 S-104	201	202	< 5	< 0.2	5.02	1350	1.5	< 2	0.84	0.5	7	67	18	2.35	1.47	0.64
CH-97 S-105	201	202	< 5	< 0.2	5.29	1210	1.0	< 2	0.99	< 0.5	6	53	15	2.05	1.64	0.58
CH-97 S-106	201	202	< 5	< 0.2	4.70	1260	0.5	< 2	0.71	< 0.5	4	61	12	1.82	1.39	0.54
CH-97 S-107	201	202	< 5	< 0.2	3.91	1200	1.0	< 2	0.52	< 0.5	3	54	9	1.80	1.30	0.51
CH-97 S-108	201	202	< 5	< 0.2	3.90	1170	1.0	< 2	0.93	< 0.5	3	47	16	1.35	1.18	0.46
CH-97 S-109	201	202	< 5	0.4	4.26	1230	1.0	< 2	1.66	0.5	6	52	28	1.77	1.22	0.60
CH-97 S-110	201	202	< 5	< 0.2	4.16	1340	1.0	< 2	1.03	0.5	3	54	12	1.51	1.33	0.55
CH-97 S-111	201	202	< 5	< 0.2	4.53	1240	1.5	< 2	0.70	< 0.5	5	63	9	2.27	1.46	0.66
CH-97 S-112	201	202	< 5	< 0.2	5.00	1220	1.0	< 2	0.88	0.5	7	61	17	2.00	1.43	0.59
CH-97 S-113	201	202	< 5	< 0.2	4.79	1240	1.5	< 2	0.70	< 0.5	4	65	9	2.16	1.47	0.70
CH-97 S-114	201	202	< 5	< 0.2	5.85	1270	1.0	< 2	1.25	< 0.5	8	82	19	3.01	1.41	0.80
CH-97 S-115	201	202	< 5	< 0.2	4.74	1100	1.0	< 2	0.97	0.5	5	61	13	2.09	1.37	0.59
CH-97 S-116	201	202	< 5	0.4	5.91	1520	2.0	< 2	1.16	< 0.5	11	78	39	2.81	1.60	0.78
CH-97 S-117	201	202	< 5	0.2	6.52	1240	1.5	2	1.66	0.5	5	34	25	2.01	1.85	0.64
CH-97 S-118	201	202	< 5	< 0.2	4.98	3150	1.0	< 2	1.60	1.0	7	46	35	1.96	1.47	0.57
CH-97 S-119	201	202	< 5	< 0.2	5.30	1120	1.0	< 2	0.93	1.0	4	74	43	1.63	1.41	0.55
CH-97 S-120	201	202	< 5	< 0.2	5.84	1010	1.0	< 2	2.02	< 0.5	6	13	26	1.48	1.63	0.53

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 14-JUL-97
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CERTIFICATE OF ANALYSIS A9730702

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
CH-97 S-081	201 202	130	2	0.32	13	690	4	146	0.21	82	< 10	64
CH-97 S-082	201 202	265	2	0.71	23	370	10	124	0.26	128	< 10	72
CH-97 S-083	201 202	410	3	0.53	21	1280	16	75	0.30	157	< 10	194
CH-97 S-084	201 202	1755	4	0.76	26	430	12	124	0.32	158	< 10	276
CH-97 S-085	201 202	270	1	0.83	4	820	4	400	0.08	23	< 10	42
CH-97 S-086	201 202	915	2	1.73	24	740	6	389	0.21	80	< 10	116
CH-97 S-087	201 202	630	3	0.86	63	640	12	206	0.25	132	< 10	192
CH-97 S-088	201 202	410	3	0.89	28	380	12	135	0.31	151	< 10	288
CH-97 S-089	201 202	745	1	1.48	21	560	8	290	0.22	84	< 10	82
CH-97 S-090	201 202	260	3	0.49	19	850	10	66	0.26	162	< 10	210
CH-97 S-091	201 202	2130	2	1.37	25	760	2	343	0.12	34	< 10	62
CH-97 S-092	201 202	225	1	0.73	18	1130	6	158	0.27	128	< 10	90
CH-97 S-093	201 202	385	1	0.68	20	830	6	151	0.25	125	< 10	80
CH-97 S-094	201 202	280	3	1.82	7	670	4	445	0.16	35	< 10	54
CH-97 S-095	201 202	450	2	0.71	23	770	10	130	0.29	128	< 10	96
CH-97 S-096	201 202	195	1	0.86	26	940	2	301	0.08	20	< 10	44
CH-97 S-097	201 202	445	3	0.96	25	730	10	185	0.20	110	< 10	162
CH-97 S-098	201 202	610	1	1.00	25	670	12	188	0.24	127	< 10	106
CH-97 S-099	201 202	545	2	0.72	22	630	4	167	0.22	114	< 10	86
CH-97 S-100	201 202	305	2	0.73	23	650	6	141	0.25	129	< 10	78
CH-97 S-101	201 202	370	4	0.96	31	660	10	179	0.27	131	< 10	112
CH-97 S-102	201 202	430	1	0.69	22	520	6	93	0.26	137	< 10	116
CH-97 S-103	201 202	610	3	1.23	23	1100	14	264	0.28	131	< 10	114
CH-97 S-104	201 202	360	1	0.75	26	580	14	126	0.28	137	< 10	142
CH-97 S-105	201 202	365	2	1.18	17	710	10	222	0.27	119	< 10	74
CH-97 S-106	201 202	205	1	0.80	16	450	8	120	0.29	138	< 10	126
CH-97 S-107	201 202	185	2	0.62	17	1690	12	89	0.22	147	< 10	78
CH-97 S-108	201 202	155	1	0.74	14	1060	8	135	0.20	115	< 10	50
CH-97 S-109	201 202	365	1	0.90	28	890	6	199	0.22	107	< 10	132
CH-97 S-110	201 202	210	< 1	0.75	16	710	8	130	0.24	129	< 10	72
CH-97 S-111	201 202	285	2	0.81	21	770	8	108	0.27	136	< 10	64
CH-97 S-112	201 202	310	1	0.86	18	510	10	143	0.29	127	< 10	200
CH-97 S-113	201 202	215	1	0.82	21	480	10	111	0.29	136	< 10	118
CH-97 S-114	201 202	370	4	0.93	23	1000	12	187	0.41	139	< 10	118
CH-97 S-115	201 202	325	3	1.00	16	1300	6	168	0.33	117	< 10	136
CH-97 S-116	201 202	475	3	0.67	43	690	16	149	0.33	148	< 10	106
CH-97 S-117	201 202	350	3	1.87	18	660	8	414	0.24	84	< 10	94
CH-97 S-118	201 202	940	3	1.03	23	650	10	254	0.21	109	< 10	84
CH-97 S-119	201 202	115	3	0.76	59	500	6	159	0.27	128	< 10	66
CH-97 S-120	201 202	775	4	2.05	17	540	2	474	0.18	46	< 10	50

CERTIFICATION: Stuart Buchler

Chemex Labs Ltd.
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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
CH-97 S-121	201	202	< 5	< 0.2	4.45	660	0.5	< 2	2.42	< 0.5	4	8	14	1.28	1.19	0.55
CH-97 S-122	201	202	< 5	< 0.2	6.22	1020	1.0	< 2	1.97	< 0.5	4	17	22	1.72	1.72	0.60
CH-97 S-123	201	202	< 5	< 0.2	6.93	1840	2.0	< 2	0.11	2.0	18	83	65	4.45	2.23	0.45
CH-97 S-124	201	202	10	< 0.2	8.19	3670	2.0	< 2	0.70	< 0.5	13	89	32	3.69	3.02	1.23
CH-97 S-125	201	202	< 5	< 0.2	8.74	5600	2.0	< 2	3.12	0.5	10	90	23	2.39	3.45	1.34
CH-97 S-126	201	202	< 5	< 0.2	7.28	3500	1.5	< 2	6.88	< 0.5	9	73	18	2.45	3.05	0.82
CH-97 S-127	201	202	< 5	< 0.2	5.43	1450	0.5	< 2	1.12	1.5	10	48	24	2.10	1.57	0.51
CH-97 S-128	201	202	< 5	< 0.2	5.56	1620	1.0	< 2	0.81	< 0.5	12	86	32	2.65	1.63	0.72
CH-97 S-129	201	202	< 5	0.6	5.47	1490	1.5	< 2	0.68	2.5	16	121	26	2.80	1.24	0.75
CH-97 S-130	201	202	< 5	< 0.2	3.86	920	0.5	< 2	2.15	0.5	11	54	27	1.56	0.98	0.84
CH-97 S-131	201	202	< 5	< 0.2	6.01	1130	1.5	< 2	2.24	0.5	7	28	48	1.68	1.53	0.63
CH-97 S-132	201	202	< 5	< 0.2	6.38	1280	1.5	< 2	1.12	< 0.5	8	81	28	2.86	1.65	0.85
CH-97 S-133	201	202	< 5	< 0.2	3.86	690	0.5	< 2	2.09	< 0.5	3	12	16	1.10	1.11	0.40
CH-97 S-134	201	202	< 5	< 0.2	5.44	1400	1.5	< 2	0.96	0.5	7	70	30	2.46	1.52	0.75
CH-97 S-135	201	202	< 5	< 0.2	6.13	1150	1.5	2	0.56	0.5	7	76	27	3.40	1.49	0.88
CH-97 S-136	201	202	< 5	< 0.2	2.67	660	0.5	< 2	2.43	1.0	4	12	31	0.81	0.72	0.42
CH-97 S-137	201	202	not/ss	< 0.2	1.06	470	< 0.5	< 2	2.49	< 0.5	< 1	20	20	0.38	0.26	0.34
CH-97 S-138	201	202	< 5	< 0.2	5.57	1290	1.5	< 2	1.35	0.5	7	55	26	2.35	1.57	0.70
CH-97 S-139	201	202	< 5	< 0.2	4.82	1640	1.5	< 2	0.55	0.5	9	77	32	2.46	1.61	0.78
CH-97 S-140	201	202	< 5	< 0.2	7.36	1090	1.5	< 2	1.24	< 0.5	2	50	18	1.50	2.16	0.49
CH-97 S-141	201	202	< 5	< 0.2	6.04	1460	1.5	< 2	0.70	< 0.5	8	93	25	3.34	1.60	0.93
CH-97 S-142	201	202	< 5	< 0.2	6.29	1320	1.5	< 2	0.74	< 0.5	8	73	25	2.90	1.70	0.75
CH-97 S-143	201	202	< 5	< 0.2	5.26	1370	1.5	< 2	0.74	< 0.5	7	83	21	2.60	1.57	0.77
CH-97 S-144	201	202	< 5	< 0.2	5.44	1410	1.0	< 2	1.46	< 0.5	10	88	23	2.77	1.38	0.85
CH-97 S-145	201	202	< 5	< 0.2	5.94	1290	1.5	< 2	1.96	< 0.5	7	43	35	2.18	1.55	0.69
CH-97 S-146	201	202	< 5	< 0.2	4.69	1430	1.5	< 2	0.99	0.5	9	71	27	2.43	1.32	0.70
CH-97 S-147	201	202	< 5	< 0.2	5.32	980	0.5	< 2	1.71	0.5	5	73	22	2.45	1.32	0.72
CH-97 S-148	201	202	< 5	< 0.2	4.82	1500	1.0	< 2	0.95	< 0.5	10	101	34	2.70	1.32	1.06
CH-97 S-149	201	202	< 5	< 0.2	4.70	1260	0.5	< 2	1.15	< 0.5	8	63	14	1.96	1.35	0.67
CH-97 S-150	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
CH-97 S-151	201	202	< 5	< 0.2	4.95	980	0.5	< 2	2.46	1.0	4	20	32	1.46	1.41	0.57
CH-97 S-152	201	202	< 5	< 0.2	4.92	1410	1.0	< 2	1.12	< 0.5	9	68	20	2.41	1.34	0.78
CH-97 S-153	201	202	< 5	< 0.2	5.32	1380	1.5	< 2	0.87	< 0.5	9	85	25	2.82	1.39	0.89
CH-97 S-154	201	202	< 5	< 0.2	5.71	1510	1.5	< 2	0.70	< 0.5	10	96	41	3.09	1.56	0.95
CH-97 S-155	201	202	< 5	< 0.2	5.19	1430	1.5	< 2	0.65	0.5	11	79	23	2.80	1.39	0.85
CH-97 S-156	201	202	< 5	< 0.2	4.66	1210	0.5	< 2	0.44	< 0.5	7	78	12	2.47	1.21	0.74
CH-97 S-157	201	202	< 5	< 0.2	5.53	1250	1.0	< 2	0.83	1.5	9	79	28	3.07	1.26	0.67
CH-97 S-158	201	202	< 5	< 0.2	4.87	1300	1.0	< 2	0.74	0.5	5	64	23	2.20	1.26	0.58
CH-97 S-159	201	202	< 5	< 0.2	6.64	2300	1.5	< 2	0.45	< 0.5	24	214	44	4.14	1.92	1.24
CH-97 S-160	201	202	< 5	0.6	6.12	1230	1.0	< 2	1.38	< 0.5	6	43	20	2.12	1.79	0.58

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 14-JUL-97
Invoice No. : I9730702
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9730702

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
CH-97 S-121	201	202	305	1	1.57	9	820	4	413	0.14	33	< 10	50			
CH-97 S-122	201	202	450	3	2.13	11	740	8	479	0.20	63	< 10	56			
CH-97 S-123	201	202	245	3	0.29	73	1250	4	72	0.19	111	< 10	350			
CH-97 S-124	201	202	315	2	0.25	55	840	10	86	0.25	138	< 10	140			
CH-97 S-125	201	202	410	1	0.28	40	640	10	125	0.31	97	< 10	104			
CH-97 S-126	201	202	410	2	0.16	28	750	12	242	0.33	74	< 10	84			
CH-97 S-127	201	202	880	3	1.24	25	670	14	267	0.23	105	< 10	230			
CH-97 S-128	201	202	435	2	0.90	42	340	16	176	0.26	158	< 10	80			
CH-97 S-129	201	202	525	4	0.66	52	720	8	105	0.33	234	< 10	548			
CH-97 S-130	201	202	1630	1	0.47	54	1140	8	170	0.16	97	< 10	80			
CH-97 S-131	201	202	305	1	1.53	33	820	6	415	0.18	79	< 10	76			
CH-97 S-132	201	202	315	4	0.93	32	1020	12	175	0.35	157	< 10	112			
CH-97 S-133	201	202	170	3	1.26	12	580	18	348	0.12	34	< 10	50			
CH-97 S-134	201	202	180	3	0.84	36	930	12	156	0.28	141	< 10	106			
CH-97 S-135	201	202	270	5	0.75	35	940	8	105	0.34	150	< 10	122			
CH-97 S-136	201	202	840	3	0.73	21	1030	6	265	0.08	29	< 10	60			
CH-97 S-137	201	202	40	5	0.26	24	530	8	177	0.04	19	< 10	48			
CH-97 S-138	201	202	355	4	1.06	27	910	8	226	0.25	136	< 10	106			
CH-97 S-139	201	202	390	4	0.44	52	1280	14	82	0.29	173	< 10	138			
CH-97 S-140	201	202	240	1	1.83	7	900	4	387	0.24	146	< 10	50			
CH-97 S-141	201	202	375	3	0.62	35	610	4	102	0.44	186	< 10	110			
CH-97 S-142	201	202	355	3	0.98	30	550	10	180	0.38	149	< 10	82			
CH-97 S-143	201	202	335	1	0.71	31	940	12	112	0.42	152	< 10	102			
CH-97 S-144	201	202	540	2	0.66	31	1120	10	155	0.42	168	< 10	102			
CH-97 S-145	201	202	735	2	1.39	26	830	8	360	0.24	104	< 10	86			
CH-97 S-146	201	202	485	1	0.72	36	770	10	122	0.29	141	< 10	100			
CH-97 S-147	201	202	295	1	1.10	19	620	6	260	0.46	117	< 10	86			
CH-97 S-148	201	202	340	2	0.68	76	1150	12	129	0.28	134	< 10	130			
CH-97 S-149	201	202	580	3	0.93	23	1010	4	187	0.30	115	< 10	74			
CH-97 S-150	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd			
CH-97 S-151	201	202	700	3	1.49	30	1020	4	393	0.16	56	< 10	88			
CH-97 S-152	201	202	440	4	0.73	41	1080	8	146	0.26	132	< 10	84			
CH-97 S-153	201	202	280	4	0.72	48	760	8	120	0.36	143	< 10	106			
CH-97 S-154	201	202	340	5	0.64	75	840	12	100	0.33	163	< 10	128			
CH-97 S-155	201	202	535	4	0.70	68	710	14	121	0.29	138	< 10	114			
CH-97 S-156	201	202	250	2	0.54	32	470	10	73	0.33	143	< 10	168			
CH-97 S-157	201	202	375	3	0.83	33	890	8	153	0.37	155	< 10	148			
CH-97 S-158	201	202	245	2	0.81	25	940	8	150	0.30	141	< 10	168			
CH-97 S-159	201	202	600	4	0.48	125	290	6	74	0.32	205	< 10	140			
CH-97 S-160	201	202	330	4	1.60	22	310	8	340	0.28	103	< 10	68			

CERTIFICATION: Stewart Bridges

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 14-JUL-97
Invoice No. :I9730702
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730702

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
CH-97 S-161	201	202	< 5	< 0.2	4.94	1540	1.5	< 2	0.41	< 0.5	14	107	27	2.84	1.43	0.80

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :5-B
Total Pages :5
Certificate Date: 14-JUL-97
Invoice No. :19730702
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730702

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
CH-97 S-161	201	202	360	3	0.47	59	290	14	65	0.29	177	< 10	128			

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

A973070

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9730703

(EIA) - EQUITY ENGINEERING LTD.

Project: EXR-97-01
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	121	Dry, sieve to -80 mesh
202	121	save reject
285	121	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	121	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	121	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	121	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	121	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	121	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	121	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	121	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	121	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	121	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	121	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	121	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	121	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	121	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	121	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	121	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	121	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	121	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	121	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	121	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	121	Pb ppm: 24 element, rock & core	AAS	2	10000
582	121	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	121	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	121	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	121	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	121	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE OF ANALYSIS A9730703

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
WC-97 S-001	201 202	< 5	< 0.2	3.81	1570	0.5	< 2	0.35	0.5	9	63	12	1.99	1.15	0.51
WC-97 S-002	201 202	< 5	< 0.2	5.30	1400	1.0	< 2	0.74	< 0.5	6	62	28	2.23	1.58	0.64
WC-97 S-003	201 202	< 5	< 0.2	5.05	1500	1.5	< 2	6.28	0.5	9	78	48	2.34	1.40	0.92
WC-97 S-004	201 202	< 5	< 0.2	5.34	1960	1.5	< 2	1.01	1.5	11	83	46	2.88	1.82	0.90
WC-97 S-005	201 202	< 5	< 0.2	5.23	1800	1.5	< 2	1.40	1.5	10	78	46	2.81	1.70	0.87
WC-97 S-006	201 202	< 5	< 0.2	5.53	1780	1.5	< 2	5.34	2.0	10	74	52	2.76	1.87	1.02
WC-97 S-007	201 202	< 5	< 0.2	5.50	1830	1.5	2	5.11	2.0	8	74	51	2.69	1.94	1.01
WC-97 S-008	201 202	< 5	< 0.2	5.85	2110	2.0	< 2	2.37	1.0	11	79	60	2.97	2.05	1.12
WC-97 S-009	201 202	< 5	< 0.2	6.15	2150	2.0	< 2	1.84	1.5	11	81	58	3.24	2.18	1.07
WC-97 S-010	201 202	< 5	< 0.2	5.71	1830	1.5	< 2	0.77	0.5	9	79	48	3.00	1.83	0.88
WC-97 S-011	201 202	< 5	< 0.2	5.44	1650	1.5	< 2	0.84	0.5	11	81	39	2.93	1.73	0.88
WC-97 S-012	201 202	< 5	< 0.2	5.63	1700	1.5	< 2	1.10	0.5	10	81	44	2.54	1.84	0.88
WC-97 S-013	201 202	< 5	< 0.2	5.04	1190	1.0	< 2	0.58	< 0.5	9	78	20	2.77	1.07	0.72
WC-97 S-014	201 202	< 5	< 0.2	5.23	1180	1.0	< 2	0.70	< 0.5	6	70	16	2.64	1.33	0.66
WC-97 S-015	201 202	< 5	< 0.2	5.24	1600	1.5	< 2	0.56	< 0.5	10	74	34	2.78	1.66	0.78
WC-97 S-016	201 202	< 5	0.4	6.01	1910	2.0	< 2	1.10	1.0	8	76	61	2.98	2.11	0.87
WC-97 S-017	201 202	< 5	0.2	5.39	2250	1.5	< 2	2.25	1.5	9	73	57	2.67	2.02	1.06
WC-97 S-018	201 202	< 5	< 0.2	4.58	3020	1.5	< 2	1.09	3.0	9	67	43	2.44	1.74	0.84
WC-97 S-019	201 202	< 5	< 0.2	4.33	2550	1.5	< 2	1.31	2.5	9	61	43	2.32	1.59	0.88
WC-97 S-020	201 202	< 5	< 0.2	4.66	2640	1.5	< 2	1.51	3.5	9	65	41	2.52	1.71	0.89
WC-97 S-021	201 202	< 5	< 0.2	5.52	1540	1.5	< 2	1.34	< 0.5	8	64	24	2.38	1.76	0.94
WC-97 S-022	201 202	< 5	< 0.2	6.36	2040	2.0	< 2	3.30	1.5	10	82	58	3.04	2.26	1.05
WC-97 S-023	201 202	< 5	< 0.2	6.27	2110	2.0	< 2	0.78	0.5	7	80	56	3.12	2.21	0.86
WC-97 S-024	201 202	< 5	< 0.2	6.40	2110	2.0	< 2	0.60	0.5	8	85	58	3.14	2.32	0.95
WC-97 S-025	201 202	< 5	< 0.2	6.57	2110	2.0	< 2	0.64	0.5	7	86	58	3.15	2.34	0.99
WC-97 S-026	201 202	< 5	< 0.2	6.47	1810	2.0	< 2	1.09	< 0.5	9	68	33	2.78	2.17	0.85
WC-97 S-027	201 202	< 5	< 0.2	6.82	1980	2.0	< 2	0.93	0.5	8	71	43	2.73	2.25	0.88
WC-97 S-029	201 202	< 5	< 0.2	6.80	2110	2.0	< 2	0.94	< 0.5	7	70	51	2.91	2.21	0.88
WC-97 S-030	201 202	< 5	< 0.2	5.83	1860	1.5	< 2	0.80	1.0	7	73	44	2.72	1.99	0.82
WC-97 S-031	201 202	< 5	< 0.2	5.54	1870	1.5	< 2	0.65	0.5	7	75	45	2.69	1.90	0.80
WC-97 S-032	201 202	< 5	< 0.2	5.91	1600	1.5	< 2	3.12	2.0	8	61	44	2.51	1.98	0.90
WC-97 S-033	201 202	< 5	0.8	6.06	1870	2.0	< 2	0.94	0.5	9	87	51	3.09	1.96	0.93
WC-97 S-034	201 202	< 5	< 0.2	5.21	1360	1.5	< 2	1.12	< 0.5	8	68	30	2.23	1.50	0.79
WC-97 S-035	201 202	< 5	< 0.2	4.37	1620	1.0	< 2	1.52	0.5	9	67	40	2.09	1.41	0.81
WC-97 S-036	201 202	< 5	< 0.2	7.42	910	1.0	< 2	2.14	< 0.5	3	5	17	1.60	2.22	0.56
WC-97 S-037	201 202	< 5	< 0.2	6.61	2160	2.0	< 2	0.68	0.5	9	94	49	3.27	2.22	1.05
WC-97 S-038	201 202	< 5	< 0.2	5.48	1750	1.5	< 2	0.76	0.5	8	68	37	2.57	1.76	0.73
WC-97 S-040	201 202	< 5	< 0.2	5.72	2140	1.5	< 2	1.67	1.5	11	92	48	2.98	1.92	1.04
WC-97 S-041	201 202	< 5	< 0.2	4.93	1140	0.5	< 2	0.78	0.5	8	61	17	2.32	1.28	0.59
WC-97 S-042	201 202	< 5	< 0.2	4.69	1230	1.0	< 2	1.29	0.5	3	37	31	1.96	1.45	0.58

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :1-B
Total Pages :4
Certificate Date: 14-JUL-97
Invoice No. :I9730703
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730703

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
WC-97 S-001	201 202	390	2	0.39	24	650	4	57	0.24	146	< 10	174
WC-97 S-002	201 202	280	3	1.10	34	390	8	213	0.26	128	< 10	76
WC-97 S-003	201 202	520	4	0.38	63	790	12	204	0.27	170	< 10	142
WC-97 S-004	201 202	525	3	0.64	69	1190	14	119	0.29	182	< 10	188
WC-97 S-005	201 202	345	3	0.54	63	900	12	98	0.28	179	< 10	186
WC-97 S-006	201 202	405	3	0.50	74	1030	16	170	0.29	187	< 10	218
WC-97 S-007	201 202	405	4	0.46	70	1080	18	165	0.29	191	< 10	222
WC-97 S-008	201 202	475	4	0.53	54	1290	20	147	0.29	206	< 10	166
WC-97 S-009	201 202	415	4	0.53	60	1210	22	125	0.29	219	< 10	206
WC-97 S-010	201 202	455	4	0.55	51	770	18	96	0.29	186	< 10	146
WC-97 S-011	201 202	535	3	0.58	50	810	16	96	0.27	178	< 10	148
WC-97 S-012	201 202	245	3	0.69	54	850	22	121	0.28	173	< 10	170
WC-97 S-013	201 202	315	2	0.73	49	350	8	100	0.28	137	< 10	92
WC-97 S-014	201 202	295	1	0.91	27	610	12	148	0.29	138	< 10	88
WC-97 S-015	201 202	400	3	0.76	47	750	12	104	0.27	172	< 10	150
WC-97 S-016	201 202	350	3	0.51	52	920	10	104	0.26	203	< 10	166
WC-97 S-017	201 202	430	3	0.46	51	1300	16	146	0.27	205	< 10	172
WC-97 S-018	201 202	460	4	0.39	57	1770	14	116	0.24	257	< 10	332
WC-97 S-019	201 202	500	4	0.42	51	1490	16	116	0.22	212	< 10	262
WC-97 S-020	201 202	510	4	0.43	51	1510	14	126	0.23	222	< 10	296
WC-97 S-021	201 202	280	1	0.74	33	1110	10	177	0.25	169	< 10	134
WC-97 S-022	201 202	355	3	0.45	61	1170	16	130	0.30	215	< 10	204
WC-97 S-023	201 202	290	4	0.50	52	1200	16	92	0.31	215	< 10	184
WC-97 S-024	201 202	340	4	0.51	53	1100	16	89	0.31	214	< 10	166
WC-97 S-025	201 202	275	4	0.55	53	1210	14	94	0.33	217	< 10	174
WC-97 S-026	201 202	580	2	0.89	38	1180	14	187	0.27	187	< 10	170
WC-97 S-027	201 202	275	2	0.93	44	1050	12	188	0.26	200	< 10	188
WC-97 S-029	201 202	310	3	0.99	50	1020	10	200	0.28	194	< 10	158
WC-97 S-030	201 202	280	3	0.71	48	1170	8	132	0.27	183	< 10	168
WC-97 S-031	201 202	265	4	0.58	46	1250	6	106	0.27	185	< 10	160
WC-97 S-032	201 202	420	2	0.98	52	1000	8	225	0.24	153	< 10	168
WC-97 S-033	201 202	365	3	0.54	63	940	12	94	0.28	208	< 10	166
WC-97 S-034	201 202	355	2	0.77	39	890	12	158	0.21	142	< 10	76
WC-97 S-035	201 202	600	3	0.59	54	1160	14	133	0.23	147	< 10	96
WC-97 S-036	201 202	360	3	2.87	5	590	6	569	0.19	38	< 10	76
WC-97 S-037	201 202	355	3	0.53	57	1050	16	91	0.29	227	< 10	168
WC-97 S-038	201 202	400	3	0.68	39	540	14	126	0.22	176	< 10	120
WC-97 S-040	201 202	465	4	0.57	75	1300	12	114	0.29	212	< 10	180
WC-97 S-041	201 202	360	3	0.89	24	440	6	160	0.24	122	< 10	104
WC-97 S-042	201 202	465	3	1.17	24	880	4	231	0.16	95	< 10	74

CERTIFICATION:

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 14-JUL-97
Invoice No. :I9730703
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730703

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
WC-97 S-043	201	202	< 5	< 0.2	4.08	1230	1.0	< 2	1.06	< 0.5	1	58	11	1.51	1.31	0.66
WC-97 S-044	201	202	< 5	< 0.2	3.72	1310	0.5	< 2	0.57	0.5	8	56	18	1.82	1.13	0.56
WC-97 S-045	201	202	< 5	< 0.2	6.38	1010	1.0	< 2	1.92	< 0.5	4	21	21	2.12	1.83	0.66
WC-97 S-046	201	202	< 5	< 0.2	6.46	1350	1.5	< 2	1.65	< 0.5	9	55	37	2.61	1.95	0.88
WC-97 S-047	201	202	< 5	< 0.2	7.12	840	1.0	< 2	2.05	< 0.5	3	5	16	1.48	2.06	0.57
WC-97 S-048	201	202	< 5	< 0.2	7.92	980	1.0	< 2	2.42	< 0.5	4	7	18	1.67	2.21	0.71
WC-97 S-049	201	202	< 5	< 0.2	7.01	860	1.0	< 2	1.97	< 0.5	3	5	16	1.51	2.03	0.57
WC-97 S-050	201	202	< 5	< 0.2	6.90	1190	1.5	< 2	1.70	< 0.5	10	59	37	2.86	1.90	0.79
WC-97 S-051	201	202	< 5	1.2	6.82	1550	2.0	< 2	1.03	< 0.5	13	93	38	3.46	2.05	0.95
WC-97 S-052	201	202	< 5	< 0.2	5.72	1460	1.5	< 2	0.84	< 0.5	11	78	42	2.81	1.65	0.76
WC-97 S-053	201	202	< 5	< 0.2	6.47	1520	1.5	< 2	0.72	0.5	12	81	39	3.11	1.90	0.82
WC-97 S-054	201	202	< 5	< 0.2	5.90	1410	1.5	< 2	0.83	< 0.5	14	84	49	3.06	1.67	0.86
WC-97 S-055	201	202	< 5	< 0.2	7.06	1470	1.5	< 2	1.32	< 0.5	8	55	37	2.77	2.08	0.78
WC-97 S-056	201	202	< 5	< 0.2	6.47	950	1.0	< 2	1.83	< 0.5	3	20	15	1.44	1.92	0.53
WC-97 S-057	201	202	< 5	< 0.2	7.25	910	1.0	< 2	2.09	< 0.5	4	7	19	1.63	2.08	0.59
WC-97 S-058	201	202	< 5	< 0.2	6.49	1750	2.0	< 2	1.93	0.5	12	93	47	3.48	1.96	1.07
WC-97 S-059	201	202	< 5	< 0.2	6.83	940	1.0	< 2	1.55	< 0.5	3	13	15	1.47	2.07	0.47
WC-97 S-060	201	202	< 5	< 0.2	4.32	1390	1.0	< 2	0.69	< 0.5	7	64	27	2.05	1.37	0.64
WC-97 S-061	201	202	< 5	< 0.2	6.50	1640	2.0	< 2	1.50	0.5	17	79	48	3.32	1.93	0.90
WC-97 S-062	201	202	< 5	< 0.2	7.45	1180	1.5	< 2	2.08	2.0	6	25	32	1.94	2.31	0.64
WC-97 S-063	201	202	< 5	< 0.2	4.43	1390	1.0	< 2	1.52	0.5	8	49	42	2.10	1.28	0.59
WC-97 S-066	201	202	< 5	< 0.2	6.34	820	1.0	< 2	1.84	< 0.5	2	24	15	1.56	1.74	0.47
WC-97 S-067	201	202	< 5	< 0.2	6.69	1000	1.5	< 2	1.36	< 0.5	4	39	15	2.15	1.74	0.55
WC-97 S-070	201	202	< 5	< 0.2	8.04	940	1.5	< 2	2.00	< 0.5	4	6	19	1.81	2.27	0.60
WC-97 S-071	201	202	< 5	< 0.2	6.67	1080	1.5	< 2	1.43	< 0.5	6	34	15	2.02	1.84	0.60
WC-97 S-072	201	202	< 5	< 0.2	6.24	910	1.5	< 2	1.31	< 0.5	5	42	9	2.06	1.62	0.60
WC-97 S-073	201	202	< 5	< 0.2	5.84	910	1.0	< 2	1.33	< 0.5	6	51	11	2.38	1.44	0.58
WC-97 S-074	201	202	< 5	< 0.2	6.63	870	1.0	< 2	1.50	< 0.5	5	36	12	2.16	1.73	0.54
WC-97 S-075	201	202	25	< 0.2	5.94	860	1.5	< 2	1.08	< 0.5	7	50	9	2.08	1.34	0.51
WC-97 S-076	201	202	< 5	< 0.2	6.02	830	1.5	< 2	1.47	< 0.5	6	57	13	2.79	1.42	0.68
WC-97 S-077	201	202	< 5	< 0.2	5.84	800	1.5	< 2	1.26	< 0.5	5	56	8	2.43	1.38	0.64
WC-97 S-078	201	202	< 5	0.4	5.82	1030	1.5	< 2	1.03	< 0.5	8	56	7	2.28	1.43	0.63
WC-97 S-079	201	202	< 5	< 0.2	6.37	1050	1.5	< 2	1.15	< 0.5	6	59	10	2.48	1.58	0.67
WC-97 S-080	201	202	< 5	< 0.2	5.89	760	1.5	< 2	1.35	< 0.5	5	67	10	2.81	1.38	0.58
WC-97 S-081	201	202	< 5	< 0.2	6.13	910	1.5	< 2	1.34	< 0.5	6	59	10	2.71	1.40	0.56
WC-97 S-082	201	202	< 5	< 0.2	4.89	970	1.5	< 2	1.31	< 0.5	7	77	18	2.45	1.37	0.87
WC-97 S-083	201	202	< 5	< 0.2	5.03	930	1.5	< 2	1.19	< 0.5	8	80	13	2.58	1.43	0.91
WC-97 S-085	201	202	< 5	< 0.2	6.31	1010	1.5	< 2	1.46	< 0.5	4	25	17	1.79	1.85	0.51
WC-97 S-086	201	202	15	< 0.2	5.08	990	1.0	< 2	0.86	< 0.5	5	60	13	2.33	1.33	0.50
WC-97 S-087	201	202	< 5	< 0.2	5.48	910	1.0	< 2	1.05	< 0.5	4	43	11	1.91	1.44	0.48

CERTIFICATION: 

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

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CERTIFICATE OF ANALYSIS A9730703

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WC-97 S-043	201	202	220	1	0.62	22	960	4	132	0.20	126	< 10	50			
WC-97 S-044	201	202	565	3	0.50	26	860	6	78	0.19	126	< 10	66			
WC-97 S-045	201	202	305	3	2.18	16	660	6	468	0.20	65	< 10	60			
WC-97 S-046	201	202	490	4	1.36	38	1040	8	283	0.23	117	< 10	102			
WC-97 S-047	201	202	365	2	2.71	2	280	6	574	0.19	37	< 10	44			
WC-97 S-048	201	202	420	4	3.07	4	760	2	673	0.22	43	< 10	50			
WC-97 S-049	201	202	360	3	2.67	3	370	4	580	0.18	37	< 10	44			
WC-97 S-050	201	202	410	3	1.26	33	850	6	252	0.24	99	< 10	86			
WC-97 S-051	201	202	520	3	0.66	54	870	8	111	0.30	162	< 10	116			
WC-97 S-052	201	202	360	4	0.75	51	770	8	127	0.26	136	< 10	88			
WC-97 S-053	201	202	470	4	0.88	50	980	12	152	0.27	148	< 10	120			
WC-97 S-054	201	202	500	2	0.71	60	550	10	120	0.23	141	< 10	102			
WC-97 S-055	201	202	430	4	1.65	35	860	10	331	0.29	128	< 10	98			
WC-97 S-056	201	202	300	3	2.26	6	330	< 2	470	0.20	56	< 10	46			
WC-97 S-057	201	202	480	3	2.73	6	370	4	589	0.20	43	< 10	46			
WC-97 S-058	201	202	540	3	0.58	61	1230	12	120	0.31	169	< 10	140			
WC-97 S-059	201	202	320	3	2.48	3	300	8	489	0.21	51	< 10	46			
WC-97 S-060	201	202	370	4	0.54	30	1000	8	106	0.26	131	< 10	80			
WC-97 S-061	201	202	1005	3	0.74	52	1110	14	149	0.28	137	< 10	118			
WC-97 S-062	201	202	640	3	2.38	22	990	4	501	0.22	66	< 10	190			
WC-97 S-063	201	202	285	2	0.89	40	940	10	219	0.20	108	< 10	70			
WC-97 S-066	201	202	385	3	2.10	5	450	8	413	0.29	57	< 10	52			
WC-97 S-067	201	202	410	4	1.95	10	440	8	342	0.35	87	< 10	82			
WC-97 S-070	201	202	395	3	2.80	3	490	6	635	0.22	44	< 10	52			
WC-97 S-071	201	202	855	4	1.98	12	570	10	378	0.31	70	< 10	102			
WC-97 S-072	201	202	685	3	1.71	14	370	12	257	0.33	77	< 10	58			
WC-97 S-073	201	202	770	2	1.57	15	430	14	254	0.44	86	< 10	64			
WC-97 S-074	201	202	465	3	2.02	10	460	8	380	0.36	80	< 10	76			
WC-97 S-075	201	202	1170	3	1.51	13	370	10	214	0.38	91	< 10	72			
WC-97 S-076	201	202	570	3	1.57	21	890	12	232	0.51	100	< 10	72			
WC-97 S-077	201	202	420	1	1.48	16	570	12	202	0.46	98	< 10	60			
WC-97 S-078	201	202	505	3	1.37	17	340	12	198	0.39	96	< 10	68			
WC-97 S-079	201	202	400	3	1.56	17	280	10	255	0.41	96	< 10	70			
WC-97 S-080	201	202	670	2	1.48	16	670	14	242	0.61	99	< 10	76			
WC-97 S-081	201	202	920	3	1.55	14	440	12	256	0.55	101	< 10	98			
WC-97 S-082	201	202	435	2	1.05	36	1290	8	186	0.32	106	< 10	68			
WC-97 S-083	201	202	355	3	1.10	33	1190	4	156	0.34	108	< 10	70			
WC-97 S-085	201	202	390	3	2.05	9	540	8	400	0.26	67	< 10	64			
WC-97 S-086	201	202	430	3	1.21	16	570	10	193	0.36	103	< 10	104			
WC-97 S-087	201	202	295	3	1.52	11	430	8	282	0.29	91	< 10	76			

CERTIFICATION: Stewart Bichler

Chemex Labs Ltd.

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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
WC-97 S-088	201 202	< 5	< 0.2	4.31	1080	1.0	< 2	0.79	< 0.5	8	53	18	1.93	1.28	0.67
WC-97 S-090	201 202	< 5	< 0.2	4.77	1220	1.0	< 2	0.59	< 0.5	9	70	17	2.40	1.40	0.73
WC-97 S-091	201 202	< 5	< 0.2	4.88	1490	1.0	< 2	0.86	0.5	7	59	27	2.36	1.60	0.73
WC-97 S-092	201 202	< 5	< 0.2	4.74	1210	1.0	< 2	0.80	0.5	6	56	12	2.20	1.31	0.54
WC-97 S-093	201 202	< 5	< 0.2	6.10	1890	1.5	< 2	1.84	0.5	12	98	49	3.25	2.05	1.32
WC-97 S-095	201 202	< 5	< 0.2	5.30	1400	1.0	< 2	0.55	< 0.5	6	77	15	2.80	1.42	0.77
WC-97 S-096	201 202	< 5	< 0.2	5.27	1370	1.0	< 2	0.88	0.5	10	72	15	2.71	1.30	0.72
WC-97 S-097	201 202	< 5	< 0.2	5.97	1180	1.0	< 2	0.62	< 0.5	7	71	11	2.45	1.41	0.72
WC-97 S-098	201 202	< 5	< 0.2	5.93	1270	1.5	< 2	0.57	0.5	14	95	15	3.43	1.36	0.89
WC-97 S-099	201 202	< 5	< 0.2	5.92	1190	1.0	< 2	0.88	0.5	9	60	18	2.68	1.46	0.64
WC-97 S-100	201 202	< 5	< 0.2	4.83	2720	1.5	< 2	0.75	4.0	15	74	37	2.45	1.96	0.83
WC-97 S-101	201 202	< 5	< 0.2	4.61	3500	1.5	< 2	0.64	2.5	7	73	45	2.15	1.74	0.64
WC-97 S-102	201 202	< 5	< 0.2	5.01	2860	1.5	< 2	0.90	2.0	7	75	45	2.26	1.67	0.67
WC-97 S-103	201 202	< 5	< 0.2	5.39	1320	1.0	< 2	0.96	1.0	7	52	16	2.26	1.48	0.55
WC-97 S-104	201 202	< 5	< 0.2	5.09	1350	0.5	< 2	0.73	< 0.5	8	61	16	2.55	1.27	0.63
WC-97 S-105	201 202	< 5	< 0.2	5.39	1280	1.0	< 2	1.06	0.5	8	56	16	2.71	1.39	0.66
WC-97 S-106	201 202	< 5	< 0.2	5.85	1280	0.5	< 2	1.08	1.0	9	43	19	2.21	1.39	0.56
WC-97 S-107	201 202	< 5	< 0.2	5.70	1350	0.5	< 2	0.91	1.5	11	53	20	2.42	1.34	0.63
WC-97 S-108	201 202	< 5	0.4	5.13	1220	1.0	< 2	0.82	0.5	8	52	17	2.50	1.38	0.57
WC-97 S-109	201 202	< 5	< 0.2	5.81	1390	1.0	< 2	1.19	1.5	9	48	27	2.34	1.61	0.61
WC-97 S-110	201 202	< 5	< 0.2	5.94	1320	1.0	< 2	1.15	0.5	9	54	17	2.52	1.52	0.58
WC-97 S-111	201 202	< 5	< 0.2	6.78	1060	1.0	< 2	1.88	2.0	8	31	48	2.24	1.83	0.61
WC-97 S-112	201 202	< 5	< 0.2	5.64	1360	1.5	< 2	1.28	2.0	14	73	30	3.38	1.66	0.81
WC-97 S-113	201 202	< 5	< 0.2	5.49	950	0.5	< 2	1.02	< 0.5	4	50	9	1.58	1.58	0.56
WC-97 S-114	201 202	< 5	0.4	5.86	950	0.5	< 2	1.24	0.5	6	26	17	1.82	1.62	0.46
WC-97 S-115	201 202	< 5	< 0.2	5.47	960	0.5	< 2	1.87	0.5	5	31	23	2.00	1.49	0.51
WC-97 S-116	201 202	< 5	< 0.2	5.95	810	0.5	< 2	2.96	< 0.5	5	14	22	1.53	1.65	0.57
WC-97 S-117	201 202	< 5	< 0.2	6.04	910	1.0	< 2	1.08	< 0.5	6	32	19	2.26	1.47	0.61
WC-97 S-118	201 202	< 5	< 0.2	6.20	1260	1.0	< 2	1.05	< 0.5	10	50	21	2.84	1.22	0.73
WC-97 S-119	201 202	< 5	< 0.2	4.48	920	1.0	< 2	1.66	2.5	6	61	66	1.41	1.29	0.66
WC-97 S-120	201 202	< 5	< 0.2	4.49	300	0.5	< 2	6.62	2.5	6	27	42	1.50	1.25	0.67
WC-97 S-121	201 202	< 5	< 0.2	6.39	1060	1.0	< 2	3.13	2.5	5	21	41	1.89	1.82	0.56
WC-97 S-122	201 202	< 5	< 0.2	3.62	130	0.5	< 2	3.01	0.5	3	55	40	2.05	1.10	0.79
WC-97 S-123	201 202	< 5	< 0.2	4.51	1520	1.5	< 2	0.90	0.5	10	74	34	2.76	1.46	0.78
WC-97 S-124	201 202	< 5	< 0.2	4.44	1510	1.0	< 2	0.96	1.0	9	67	30	2.63	1.58	0.73
WC-97 S-125	201 202	< 5	< 0.2	5.88	1020	1.0	< 2	1.07	0.5	9	42	18	2.21	1.41	0.52
WC-97 S-126	201 202	< 5	< 0.2	5.36	1130	0.5	< 2	1.14	< 0.5	8	52	12	2.30	1.39	0.55
WC-97 S-127	201 202	< 5	< 0.2	5.83	1070	0.5	< 2	1.11	1.0	6	30	17	1.88	1.64	0.49
WC-97 S-128	201 202	< 5	< 0.2	6.01	950	1.0	< 2	1.14	0.5	4	29	16	1.80	1.64	0.47
WC-97 S-129	201 202	< 5	< 0.2	5.22	1050	0.5	< 2	0.85	1.5	9	45	14	1.92	1.31	0.43

CERTIFICATION: Ian Buchler

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 14-JUL-97
Invoice No. :I9730703
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730703

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
WC-97 S-088	201 202	365	2	0.90	27	790	16	139	0.22	128	< 10	72
WC-97 S-090	201 202	275	2	0.72	30	790	8	88	0.25	128	< 10	80
WC-97 S-091	201 202	485	3	0.85	32	1270	32	165	0.27	144	< 10	126
WC-97 S-092	201 202	285	2	0.95	20	1210	34	167	0.29	119	< 10	108
WC-97 S-093	201 202	585	6	0.66	65	1300	40	126	0.34	188	< 10	148
WC-97 S-095	201 202	275	3	0.66	42	890	36	98	0.32	157	< 10	194
WC-97 S-096	201 202	490	2	0.90	38	540	28	164	0.30	132	< 10	160
WC-97 S-097	201 202	290	1	1.03	22	590	40	151	0.33	138	< 10	154
WC-97 S-098	201 202	490	3	0.80	48	800	36	106	0.33	155	< 10	186
WC-97 S-099	201 202	440	4	1.30	28	510	12	238	0.28	125	< 10	148
WC-97 S-100	201 202	1090	5	0.24	94	1770	18	80	0.23	304	< 10	432
WC-97 S-101	201 202	365	5	0.37	58	2290	20	115	0.25	285	< 10	322
WC-97 S-102	201 202	155	3	0.42	56	1580	14	115	0.25	289	< 10	318
WC-97 S-103	201 202	655	3	1.27	17	750	14	235	0.28	117	< 10	220
WC-97 S-104	201 202	475	3	1.02	25	600	10	160	0.27	122	< 10	114
WC-97 S-105	201 202	485	4	1.17	23	720	22	226	0.26	118	< 10	150
WC-97 S-106	201 202	815	3	1.46	15	550	20	283	0.27	103	< 10	170
WC-97 S-107	201 202	840	3	1.28	22	590	18	223	0.28	117	< 10	212
WC-97 S-108	201 202	615	3	1.13	22	870	20	195	0.26	120	< 10	178
WC-97 S-109	201 202	1355	3	1.47	19	930	22	295	0.25	109	< 10	156
WC-97 S-110	201 202	550	3	1.51	18	580	16	291	0.31	118	< 10	130
WC-97 S-111	201 202	1060	2	2.13	18	880	12	497	0.28	74	< 10	352
WC-97 S-112	201 202	2820	4	0.83	52	1630	20	197	0.28	151	< 10	452
WC-97 S-113	201 202	385	1	1.49	10	480	8	268	0.34	90	< 10	122
WC-97 S-114	201 202	675	2	1.86	7	580	14	382	0.24	72	< 10	114
WC-97 S-115	201 202	485	4	1.68	12	540	12	371	0.22	70	< 10	84
WC-97 S-116	201 202	645	3	2.10	6	700	8	541	0.20	49	< 10	72
WC-97 S-117	201 202	350	4	1.66	19	440	18	336	0.22	80	< 10	60
WC-97 S-118	201 202	365	5	1.31	27	340	20	236	0.26	111	< 10	92
WC-97 S-119	201 202	170	3	0.87	38	900	12	187	0.23	98	< 10	112
WC-97 S-120	201 202	245	4	1.30	26	450	12	391	0.17	61	< 10	90
WC-97 S-121	201 202	1260	3	2.06	20	740	14	543	0.19	62	< 10	140
WC-97 S-122	201 202	150	4	0.50	30	890	10	153	0.20	109	< 10	126
WC-97 S-123	201 202	750	2	0.59	43	1470	20	117	0.26	145	< 10	120
WC-97 S-124	201 202	1855	3	0.58	43	1640	14	119	0.24	138	< 10	146
WC-97 S-125	201 202	845	3	1.55	14	390	14	305	0.30	98	< 10	164
WC-97 S-126	201 202	445	3	1.28	16	560	12	247	0.33	107	< 10	178
WC-97 S-127	201 202	640	2	1.74	11	650	16	366	0.25	81	< 10	114
WC-97 S-128	201 202	500	3	1.83	10	470	12	383	0.26	78	< 10	92
WC-97 S-129	201 202	1085	3	1.24	12	560	14	225	0.31	103	< 10	152

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :4-A
Total Pages :4
Certificate Date: 14-JUL-97
Invoice No. :19730703
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730703

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
WC-97 S-130	201	202	< 5	< 0.2	4.09	1020	0.5	< 2	0.72	2.0	6	68	15	1.89	1.04	0.48

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers
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Page Number :4-B
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Certificate Date: 14-JUL-97
Invoice No. :I9730703
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730703

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
WC-97 S-130	201	202	320	3	0.79	23	790	10	136	0.26	105	< 10	162			

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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V6B 1N2

A9730704

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9730704

(EIA) - EQUITY ENGINEERING LTD.

Project: EXR-97-01
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	121	Dry, sieve to -80 mesh
202	121	save reject
285	121	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	121	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	121	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	121	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	121	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	121	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	121	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	121	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	121	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	121	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	121	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	121	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	121	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	121	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	121	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	121	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	121	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	121	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	121	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	121	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	121	Pb ppm: 24 element, rock & core	AAS	2	10000
582	121	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	121	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	121	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	121	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	121	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 14-JUL-97
Invoice No. : I9730704
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730704

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
DH-97 S-001	201 202	20	0.4	6.18	2180	2.0	< 2	1.04	2.0	10	92	56	3.15	2.09	0.96
DH-97 S-002	201 202	10	< 0.2	6.55	2090	2.0	< 2	2.01	1.5	8	90	69	2.81	2.14	0.99
DH-97 S-003	201 202	15	< 0.2	0.52	130	< 0.5	< 2	2.45	< 0.5	< 1	5	9	0.35	0.15	0.52
DH-97 S-006	201 202	< 5	< 0.2	4.34	1650	0.5	< 2	2.40	2.0	8	37	47	1.64	1.19	0.69
DH-97 S-007	201 202	< 5	< 0.2	5.18	1690	1.5	< 2	0.50	< 0.5	12	114	24	2.90	1.59	0.80
DH-97 S-008	201 202	< 5	< 0.2	5.15	1450	1.5	< 2	0.63	< 0.5	9	97	21	2.68	1.49	0.81
DH-97 S-009	201 202	< 5	< 0.1	5.75	1140	1.0	< 2	1.69	0.5	6	40	20	1.83	1.70	0.63
DH-97 S-010	201 202	< 5	1.2	5.22	1970	1.5	< 2	1.70	5.5	15	111	139	2.56	1.57	1.08
DH-97 S-011	201 202	< 5	1.6	4.87	1870	1.5	< 2	1.70	6.5	14	94	94	2.63	1.21	0.76
DH-97 S-012	201 202	< 5	0.8	5.50	1830	1.5	< 2	1.14	2.5	14	126	62	2.51	1.65	1.08
DH-97 S-013	201 202	< 5	< 0.2	5.43	1340	1.5	< 2	0.78	< 0.5	8	75	20	2.70	1.27	0.66
DH-97 S-014	201 202	< 5	0.6	5.32	1980	1.5	< 2	1.19	2.0	10	63	50	2.17	1.67	0.60
DH-97 S-015	201 202	< 5	0.2	5.54	1500	1.5	< 2	1.33	0.5	13	96	28	3.01	1.31	0.80
DH-97 S-016	201 202	< 5	< 0.2	6.05	1690	1.5	< 2	0.51	0.5	11	80	24	3.00	1.81	0.82
DH-97 S-017	201 202	< 5	< 0.2	5.60	1440	1.5	< 2	1.07	< 0.5	8	53	24	2.31	1.50	0.67
DH-97 S-019	201 202	< 5	< 0.2	5.21	1250	1.0	< 2	1.21	< 0.5	5	64	18	2.20	1.47	0.70
DH-97 S-020	201 202	< 5	< 0.2	6.60	1010	1.0	< 2	2.01	< 0.5	7	15	20	1.98	1.83	0.57
DH-97 S-021	201 202	< 5	< 0.2	5.55	1360	1.5	< 2	1.11	0.5	9	65	30	2.81	1.49	0.78
DH-97 S-022	201 202	< 5	< 0.2	4.95	1260	1.5	< 2	0.63	< 0.5	3	71	21	2.49	1.45	0.65
DH-97 S-023	201 202	< 5	< 0.2	5.68	1330	1.5	< 2	1.17	< 0.5	9	81	25	3.13	1.56	0.91
DH-97 S-024	201 202	< 5	< 0.2	6.10	1180	1.5	< 2	1.27	< 0.5	4	57	22	2.29	1.69	0.71
DH-97 S-025	201 202	< 5	< 0.2	5.64	1220	1.5	< 2	1.08	< 0.5	6	61	24	2.47	1.60	0.74
DH-97 S-027	201 202	< 5	< 0.2	4.72	1310	1.0	< 2	0.98	0.5	6	71	19	2.29	1.26	0.62
DH-97 S-028	201 202	< 5	< 0.2	5.20	1210	1.0	< 2	0.59	0.5	7	82	23	3.03	1.13	0.62
DH-97 S-034	201 202	< 5	< 0.2	3.34	510	0.5	< 2	3.45	< 0.5	2	6	16	0.88	0.90	0.48
DH-97 S-035	201 202	< 5	< 0.2	4.39	1100	0.5	< 2	0.78	0.5	3	55	15	1.71	1.45	0.46
DH-97 S-036	201 202	< 5	< 0.2	4.70	1170	1.0	< 2	0.48	< 0.5	7	71	18	2.82	1.38	0.59
DH-97 S-037	201 202	< 5	< 0.2	4.44	1010	0.5	< 2	0.47	< 0.5	6	63	15	2.41	1.25	0.53
DH-97 S-038	201 202	< 5	< 0.2	4.57	1440	1.0	< 2	0.87	0.5	4	62	18	1.83	0.97	0.52
DH-97 S-039	201 202	< 5	< 0.2	0.29	470	< 0.5	< 2	1.45	< 0.5	< 1	3	5	0.09	0.04	0.10
DH-97 S-040	201 202	< 5	< 0.2	0.31	110	< 0.5	< 2	2.53	< 0.5	< 1	3	7	0.23	0.05	0.40
DH-97 S-041	201 202	< 5	< 0.2	1.80	220	< 0.5	< 2	3.07	< 0.5	5	8	16	0.74	0.43	0.34
DH-97 S-042	201 202	< 5	< 0.2	1.59	460	< 0.5	< 2	4.93	< 0.5	1	5	22	0.39	0.45	0.34
DH-97 S-043	201 202	< 5	0.4	6.13	1360	1.0	< 2	1.23	2.0	6	34	21	1.90	1.69	0.52
DH-97 S-044	201 202	< 5	< 0.2	5.37	1720	1.5	< 2	0.61	3.0	9	62	21	2.46	1.56	0.58
DH-97 S-045	201 202	< 5	< 0.2	0.54	280	< 0.5	< 2	4.03	1.0	1	6	34	0.24	0.12	0.41
DH-97 S-046	201 202	10	< 0.2	4.77	1460	0.5	< 2	6.19	2.5	8	28	44	1.67	0.95	0.62
DH-97 S-047	201 202	< 5	< 0.2	4.82	1100	0.5	< 2	1.24	< 0.5	4	55	14	1.74	1.47	0.58
DH-97 S-048	201 202	< 5	< 0.2	4.79	1690	1.5	< 2	0.67	< 0.5	10	75	28	2.55	1.51	0.65
DH-97 S-049	201 202	< 5	< 0.2	5.07	1320	1.0	< 2	0.81	< 0.5	5	73	15	1.98	1.41	0.67

CERTIFICATION:

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Project : EXR-97-01
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Page Number :1-B
Total Pages :4
Certificate Date: 14-JUL-97
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CERTIFICATE OF ANALYSIS A9730704

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
DH-97 S-001	201	202	475	4	0.53	74	1290	20	124	0.29	226	< 10	234			
DH-97 S-002	201	202	550	4	0.64	61	1130	18	190	0.26	217	< 10	164			
DH-97 S-003	201	202	370	1	0.15	10	580	8	132	0.01	8	< 10	90			
DH-97 S-006	201	202	540	4	1.03	38	770	10	342	0.18	83	< 10	170			
DH-97 S-007	201	202	505	5	0.46	52	470	16	78	0.29	255	< 10	184			
DH-97 S-008	201	202	385	3	0.71	48	500	14	106	0.30	194	< 10	180			
DH-97 S-009	201	202	400	3	1.67	20	690	8	382	0.23	92	< 10	116			
DH-97 S-010	201	202	805	4	0.59	125	930	16	198	0.24	240	< 10	378			
DH-97 S-011	201	202	1025	4	0.57	102	1100	12	188	0.25	215	< 10	718			
DH-97 S-012	201	202	755	4	0.75	82	690	10	175	0.27	292	< 10	290			
DH-97 S-013	201	202	300	4	0.87	34	590	14	176	0.33	149	< 10	104			
DH-97 S-014	201	202	680	3	1.02	58	690	8	238	0.26	142	< 10	310			
DH-97 S-015	201	202	440	3	0.75	43	970	20	166	0.44	154	< 10	244			
DH-97 S-016	201	202	475	4	0.62	47	780	20	109	0.30	185	< 10	144			
DH-97 S-017	201	202	435	3	1.13	39	660	16	256	0.25	123	< 10	84			
DH-97 S-019	201	202	320	3	1.00	27	1040	8	223	0.29	126	< 10	108			
DH-97 S-020	201	202	740	5	2.39	12	770	10	588	0.20	50	< 10	52			
DH-97 S-021	201	202	250	4	1.00	40	1010	14	221	0.31	123	< 10	116			
DH-97 S-022	201	202	145	3	0.71	22	1020	14	131	0.31	138	< 10	74			
DH-97 S-023	201	202	290	5	0.67	35	1170	18	148	0.35	164	< 10	126			
DH-97 S-024	201	202	250	2	1.37	23	880	14	301	0.32	113	< 10	86			
DH-97 S-025	201	202	305	3	1.06	27	1000	8	220	0.31	120	< 10	94			
DH-97 S-027	201	202	260	2	0.68	26	520	10	124	0.31	144	< 10	120			
DH-97 S-028	201	202	240	4	0.64	28	290	16	98	0.38	164	< 10	132			
DH-97 S-034	201	202	480	3	1.19	5	720	4	390	0.10	25	< 10	70			
DH-97 S-035	201	202	235	3	0.85	15	570	6	161	0.30	127	< 10	72			
DH-97 S-036	201	202	440	3	0.63	25	2250	16	100	0.31	161	< 10	124			
DH-97 S-037	201	202	325	2	0.69	20	910	12	105	0.31	143	< 10	114			
DH-97 S-038	201	202	345	3	0.91	21	590	10	159	0.27	124	< 10	106			
DH-97 S-039	201	202	70	< 1	0.04	3	370	< 2	64	< 0.01	4	< 10	14			
DH-97 S-040	201	202	140	1	0.05	5	870	< 2	119	< 0.01	9	< 10	22			
DH-97 S-041	201	202	2500	4	0.55	16	960	4	239	0.06	17	< 10	72			
DH-97 S-042	201	202	750	1	0.55	15	770	6	273	0.05	13	< 10	88			
DH-97 S-043	201	202	695	3	1.70	16	1010	8	387	0.23	94	< 10	172			
DH-97 S-044	201	202	885	3	0.92	26	540	10	158	0.32	149	< 10	278			
DH-97 S-045	201	202	505	1	0.10	42	820	2	153	0.02	12	< 10	48			
DH-97 S-046	201	202	700	4	1.46	49	1640	6	478	0.16	72	< 10	106			
DH-97 S-047	201	202	320	3	1.07	21	530	8	217	0.25	113	< 10	90			
DH-97 S-048	201	202	610	4	0.47	42	670	8	94	0.28	164	< 10	98			
DH-97 S-049	201	202	230	1	0.82	26	440	10	147	0.32	140	< 10	184			

CERTIFICATION:

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 14-JUL-97
Invoice No. :I9730704
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730704

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
DH-97 S-050	201 202	< 5	< 0.2	6.77	1180	1.0	< 2	2.01	< 0.5	5	18	28	1.75	2.06	0.57
DH-97 S-051	201 202	< 5	< 0.2	2.09	480	< 0.5	< 2	3.15	3.5	2	8	32	0.59	0.57	0.46
DH-97 S-052	201 202	< 5	< 0.2	0.26	260	< 0.5	< 2	2.96	0.5	< 1	4	11	0.13	0.07	0.31
DH-97 S-053	201 202	< 5	< 0.2	0.30	210	< 0.5	< 2	2.20	< 0.5	< 1	4	12	0.15	0.06	0.38
DH-97 S-054	201 202	< 5	< 0.2	1.60	540	< 0.5	< 2	3.67	0.5	3	7	41	0.46	0.38	0.35
DH-97 S-055	201 202	< 5	< 0.2	4.35	890	0.5	< 2	0.50	< 0.5	1	53	11	1.42	1.28	0.38
DH-97 S-056	201 202	< 5	< 0.2	6.43	820	1.0	< 2	1.89	< 0.5	3	6	16	1.39	1.49	0.50
DH-97 S-057	201 202	< 5	< 0.2	5.06	670	0.5	< 2	1.80	< 0.5	1	5	16	0.98	1.42	0.37
DH-97 S-058	201 202	< 5	< 0.2	0.45	100	< 0.5	< 2	2.40	0.5	< 1	5	14	0.16	0.06	0.30
DH-97 S-059	201 202	< 5	< 0.2	4.18	1310	1.0	< 2	0.35	< 0.5	6	63	14	2.22	1.31	0.54
DH-97 S-060	201 202	< 5	< 0.2	4.03	1380	1.0	< 2	0.39	0.5	5	66	16	1.96	1.23	0.54
DH-97 S-061	201 202	< 5	< 0.2	3.98	1110	0.5	< 2	0.90	< 0.5	4	56	12	1.18	1.19	0.51
DH-97 S-062	201 202	< 5	< 0.2	4.47	1140	1.0	< 2	0.64	< 0.5	6	66	12	2.29	1.29	0.57
DH-97 S-063	201 202	< 5	< 0.2	5.07	1640	0.5	< 2	0.76	1.5	11	55	17	2.24	1.22	0.55
DH-97 S-064	201 202	< 5	< 0.2	3.71	1420	1.0	< 2	1.89	1.0	8	63	30	1.87	1.30	0.75
DH-97 S-065	201 202	< 5	< 0.2	4.19	2860	1.5	< 2	0.70	2.5	9	69	33	2.21	1.52	0.66
DH-97 S-066	201 202	< 5	< 0.2	4.10	2400	1.5	< 2	1.11	2.5	8	69	38	2.20	1.55	0.79
DH-97 S-067	201 202	< 5	< 0.2	3.79	2810	1.0	< 2	0.76	2.0	6	59	31	2.04	1.35	0.54
DH-97 S-068	201 202	< 5	< 0.2	4.20	2400	1.5	< 2	1.03	2.0	7	64	31	2.27	1.55	0.74
DH-97 S-069	201 202	< 5	< 0.2	4.24	2420	1.5	< 2	0.96	1.5	8	70	31	2.18	1.46	0.71
DH-97 S-070	201 202	< 5	< 0.2	5.32	1430	1.5	< 2	1.18	0.5	10	89	29	2.65	1.64	0.93
DH-97 S-071	201 202	< 5	< 0.2	4.81	1480	1.5	< 2	0.67	< 0.5	11	80	28	2.46	1.46	0.85
DH-97 S-072	201 202	< 5	< 0.2	4.87	1780	1.5	< 2	0.80	0.5	7	80	29	2.03	1.54	0.83
DH-97 S-073	201 202	< 5	< 0.2	5.98	1490	1.5	< 2	2.02	3.5	7	37	42	2.10	1.74	0.61
DH-97 S-074	201 202	< 5	< 0.2	5.32	1520	1.5	< 2	0.86	< 0.5	10	75	28	2.74	1.58	0.76
DH-97 S-075	201 202	< 5	< 0.2	4.90	1560	1.5	< 2	1.18	1.0	8	68	28	2.53	1.51	0.87
DH-97 S-076	201 202	< 5	< 0.2	5.52	1530	1.5	< 2	2.73	1.5	8	66	39	2.51	1.67	0.89
DH-97 S-077	201 202	< 5	< 0.2	6.03	1570	1.5	< 2	1.33	0.5	6	53	48	2.40	1.80	0.72
DH-97 S-078	201 202	< 5	< 0.2	6.40	2350	1.5	< 2	7.72	3.0	8	39	68	2.26	1.82	0.75
DH-97 S-080	201 202	< 5	< 0.2	1.10	280	< 0.5	< 2	2.24	0.5	3	9	27	0.30	0.14	0.26
DH-97 S-081	201 202	< 5	< 0.2	7.61	900	1.0	< 2	2.01	< 0.5	3	6	17	1.48	2.19	0.58
DH-97 S-082	201 202	< 5	< 0.2	5.86	750	1.0	< 2	1.94	< 0.5	2	6	15	1.22	1.69	0.49
DH-97 S-083	201 202	< 5	< 0.2	0.72	520	< 0.5	< 2	3.57	0.5	35	5	13	1.22	0.10	0.36
DH-97 S-084	201 202	< 5	< 0.2	1.09	240	< 0.5	< 2	1.74	< 0.5	5	5	10	0.58	0.24	0.24
DH-97 S-085	201 202	< 5	< 0.2	6.04	850	1.0	< 2	1.74	< 0.5	2	7	16	1.40	1.73	0.53
DH-97 S-086	201 202	< 5	< 0.2	4.35	590	0.5	< 2	1.81	< 0.5	1	8	16	1.02	1.20	0.41
DH-97 S-087	201 202	< 5	< 0.2	4.91	620	0.5	< 2	2.68	< 0.5	3	10	18	1.24	1.17	0.61
DH-97 S-089	201 202	< 5	< 0.2	0.65	240	< 0.5	< 2	3.30	< 0.5	1	7	12	0.41	0.11	0.30
DH-97 S-090	201 202	< 5	< 0.2	0.47	150	< 0.5	< 2	2.35	< 0.5	1	3	9	0.42	0.07	0.28
DH-97 S-091	201 202	< 5	< 0.2	4.81	600	0.5	< 2	2.39	< 0.5	5	11	14	1.23	1.18	0.60

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 14-JUL-97
Invoice No. :19730704
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730704

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
DH-97 S-050	201 202	460	4	2.28	18	610	12	533	0.20	55	< 10	60
DH-97 S-051	201 202	355	2	0.62	22	900	4	254	0.06	23	< 10	134
DH-97 S-052	201 202	435	9	0.05	14	910	6	131	< 0.01	6	< 10	36
DH-97 S-053	201 202	290	6	0.05	16	800	< 2	114	< 0.01	8	< 10	16
DH-97 S-054	201 202	1035	2	0.49	59	920	2	227	0.05	16	< 10	26
DH-97 S-055	201 202	185	2	0.84	10	580	12	137	0.33	127	< 10	72
DH-97 S-056	201 202	335	2	2.60	3	270	8	605	0.19	33	< 10	48
DH-97 S-057	201 202	265	3	1.93	1	560	6	441	0.12	19	< 10	52
DH-97 S-058	201 202	45	1	0.06	6	840	6	108	0.01	11	< 10	44
DH-97 S-059	201 202	200	3	0.46	25	700	8	73	0.26	144	< 10	130
DH-97 S-060	201 202	215	3	0.51	25	700	4	92	0.26	141	< 10	80
DH-97 S-061	201 202	420	1	0.61	16	350	8	124	0.21	123	< 10	134
DH-97 S-062	201 202	275	3	0.71	25	1340	12	112	0.26	142	< 10	118
DH-97 S-063	201 202	2300	2	1.00	24	980	16	174	0.26	118	< 10	312
DH-97 S-064	201 202	505	3	0.52	46	1350	8	123	0.21	133	< 10	122
DH-97 S-065	201 202	405	4	0.35	50	2030	14	108	0.24	233	< 10	254
DH-97 S-066	201 202	415	3	0.32	53	2110	18	121	0.24	247	< 10	308
DH-97 S-067	201 202	270	3	0.32	46	2130	12	110	0.23	190	< 10	198
DH-97 S-068	201 202	400	4	0.39	46	1590	14	106	0.24	214	< 10	248
DH-97 S-069	201 202	350	3	0.40	48	1480	16	114	0.23	225	< 10	222
DH-97 S-070	201 202	520	3	0.52	49	1120	14	119	0.24	172	< 10	128
DH-97 S-071	201 202	500	3	0.49	49	1060	12	96	0.24	169	< 10	98
DH-97 S-072	201 202	185	2	0.53	44	1230	10	110	0.25	170	< 10	148
DH-97 S-073	201 202	550	4	1.54	29	1030	14	383	0.22	106	< 10	142
DH-97 S-074	201 202	405	3	0.77	39	630	16	138	0.27	163	< 10	132
DH-97 S-075	201 202	430	3	0.66	43	680	16	132	0.25	165	< 10	148
DH-97 S-076	201 202	435	4	0.90	51	920	24	218	0.25	143	< 10	160
DH-97 S-077	201 202	365	3	1.25	43	590	26	286	0.23	136	< 10	114
DH-97 S-078	201 202	705	3	1.45	43	2300	26	540	0.22	120	< 10	176
DH-97 S-080	201 202	440	1	0.10	11	1030	12	104	0.04	22	< 10	30
DH-97 S-081	201 202	370	3	3.05	1	380	10	661	0.20	36	< 10	48
DH-97 S-082	201 202	300	1	2.30	3	520	6	550	0.16	28	< 10	40
DH-97 S-083	201 202	7620	2	0.12	8	1080	4	177	0.02	31	< 10	70
DH-97 S-084	201 202	525	1	0.28	4	610	8	138	0.03	20	< 10	44
DH-97 S-085	201 202	335	2	2.31	3	430	8	609	0.18	31	< 10	44
DH-97 S-086	201 202	210	3	1.45	5	640	6	412	0.13	25	< 10	52
DH-97 S-087	201 202	710	3	1.69	6	1270	6	496	0.18	40	< 10	50
DH-97 S-089	201 202	1820	1	0.10	10	1080	14	170	0.01	12	< 10	48
DH-97 S-090	201 202	580	2	0.04	5	860	4	127	< 0.01	8	< 10	60
DH-97 S-091	201 202	340	3	1.67	6	680	6	488	0.18	46	< 10	36

CERTIFICATION: Ian Bichlan

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
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Certificate Date: 14-JUL-97
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CERTIFICATE OF ANALYSIS A9730704

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
DH-97 S-092	201 202	< 5	< 0.2	5.04	1220	1.0	< 2	0.63	0.5	6	59	16	2.64	1.47	0.56
DH-97 S-093	201 202	< 5	< 0.2	3.98	1000	0.5	< 2	3.43	2.5	4	17	41	1.18	1.08	0.43
DH-97 S-094	201 202	< 5	< 0.2	6.19	1490	1.5	< 2	1.78	< 0.5	6	36	37	1.98	1.80	0.60
DH-97 S-095	201 202	< 5	< 0.2	0.33	160	< 0.5	< 2	0.77	1.5	< 1	6	5	0.17	0.13	0.14
DH-97 S-096	201 202	< 5	< 0.2	0.34	290	< 0.5	< 2	4.21	1.0	< 1	6	9	0.20	0.10	0.51
DH-97 S-097	201 202	< 5	< 0.2	4.16	2690	1.5	< 2	0.88	2.5	8	64	36	2.17	1.48	0.66
DH-97 S-098	201 202	< 5	< 0.2	3.75	2340	1.0	< 2	0.60	0.5	3	61	16	1.66	1.26	0.54
DH-97 S-099	201 202	< 5	< 0.2	0.36	310	< 0.5	< 2	3.41	2.0	1	6	10	0.22	0.10	0.43
DH-97 S-100	201 202	< 5	< 0.2	4.42	2480	1.5	< 2	1.29	3.0	9	66	37	2.51	1.51	0.72
DH-97 S-101	201 202	< 5	< 0.2	4.32	2060	1.5	< 2	1.11	1.5	8	62	31	2.57	1.50	0.67
DH-97 S-102	201 202	< 5	< 0.2	5.60	1180	1.0	< 2	0.71	< 0.5	8	68	15	2.70	1.40	0.70
DH-97 S-103	201 202	< 5	< 0.2	6.91	1590	1.5	< 2	0.91	< 0.5	9	93	19	2.82	1.85	0.97
DH-97 S-104	201 202	< 5	< 0.2	6.12	1640	2.0	< 2	0.90	1.0	15	95	41	3.39	1.98	1.03
DH-97 S-105	201 202	< 5	< 0.2	5.86	710	2.0	< 2	1.56	< 0.5	6	58	11	2.41	1.66	0.81
DH-97 S-106	201 202	< 5	< 0.2	5.86	850	1.5	< 2	1.24	< 0.5	9	60	11	2.83	1.60	0.72
DH-97 S-107	201 202	< 5	< 0.2	5.97	990	1.5	< 2	1.26	< 0.5	9	57	11	2.65	1.53	0.70
DH-97 S-108	201 202	< 5	< 0.2	6.06	940	1.5	< 2	1.15	< 0.5	6	50	11	2.34	1.56	0.61
DH-97 S-109	201 202	< 5	< 0.2	6.36	1110	1.5	< 2	1.19	< 0.5	7	56	16	2.43	1.61	0.63
DH-97 S-110	201 202	< 5	< 0.2	5.94	930	1.5	< 2	1.21	< 0.5	7	68	11	2.80	1.49	0.65
DH-97 S-111	201 202	< 5	< 0.2	5.33	1190	1.0	< 2	0.87	0.5	7	59	16	2.36	1.29	0.56
DH-97 S-112	201 202	< 5	< 0.2	5.90	1440	1.0	< 2	0.98	0.5	8	51	17	2.60	1.56	0.59
DH-97 S-113	201 202	< 5	< 0.2	5.41	1170	1.0	< 2	0.95	0.5	7	44	15	2.27	1.41	0.55
DH-97 S-114	201 202	< 5	< 0.2	6.71	1280	1.5	< 2	1.45	0.5	8	34	19	2.18	1.78	0.61
DH-97 S-115	201 202	< 5	< 0.2	5.82	1360	1.0	< 2	1.08	2.0	9	50	18	2.52	1.56	0.53
DH-97 S-116	201 202	< 5	< 0.2	5.68	1210	1.0	< 2	1.02	0.5	8	54	14	2.38	1.58	0.61
DH-97 S-117	201 202	< 5	< 0.2	5.62	1130	0.5	< 2	1.10	0.5	5	36	14	2.06	1.54	0.53
DH-97 S-118	201 202	< 5	< 0.2	6.56	1060	1.0	< 2	1.35	0.5	5	26	16	1.79	1.89	0.50
DH-97 S-119	201 202	< 5	0.4	6.54	1090	1.0	< 2	2.37	2.0	5	14	39	1.47	1.92	0.50
DH-97 S-120	201 202	< 5	< 0.2	4.88	1020	0.5	< 2	3.21	< 0.5	3	13	25	1.16	1.40	0.46
DH-97 S-121	201 202	< 5	< 0.2	6.12	1100	1.0	< 2	1.38	1.0	8	34	20	2.17	1.65	0.57
DH-97 S-122	201 202	< 5	< 0.2	5.26	1190	1.0	< 2	0.70	1.5	10	62	13	2.78	1.26	0.63
DH-97 S-123	201 202	< 5	< 0.2	6.23	1140	1.0	< 2	1.29	1.0	7	37	18	2.12	1.66	0.58
DH-97 S-124	201 202	< 5	< 0.2	5.85	970	1.0	< 2	1.30	1.0	6	33	18	2.03	1.50	0.53
DH-97 S-125	201 202	< 5	0.4	6.01	1400	1.0	< 2	1.22	1.5	13	53	24	2.77	1.53	0.59
DH-97 S-126	201 202	< 5	< 0.2	6.11	1580	1.5	< 2	7.54	1.5	12	95	55	3.25	1.99	1.25
DH-97 S-127	201 202	< 5	< 0.2	6.08	920	1.0	< 2	3.45	< 0.5	5	23	29	1.77	1.79	0.58
DH-97 S-128	201 202	< 5	< 0.2	5.56	1600	1.0	< 2	1.03	1.0	13	58	34	2.93	1.33	0.62
DH-97 S-129	201 202	< 5	< 0.2	4.89	1240	0.5	< 2	0.71	2.5	12	58	17	2.42	1.19	0.47
DH-97 S-130	201 202	< 5	< 0.2	6.04	1100	1.0	< 2	1.31	1.5	5	29	19	1.91	1.82	0.50
DH-97 S-131	201 202	< 5	< 0.2	4.35	1200	1.0	< 2	0.47	0.5	7	63	11	2.47	1.23	0.54

CERTIFICATION:

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 14-JUL-97
Invoice No. : I9730704
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9730704

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
DH-97 S-092	201 202	300	3	0.89	18	1240	10	174	0.30	151	< 10	146
DH-97 S-093	201 202	975	3	1.19	22	1260	10	377	0.14	53	< 10	234
DH-97 S-094	201 202	585	2	1.63	32	830	8	395	0.20	113	< 10	102
DH-97 S-095	201 202	70	2	0.08	7	650	6	45	0.01	12	< 10	90
DH-97 S-096	201 202	245	2	0.06	8	970	4	172	0.01	13	< 10	64
DH-97 S-097	201 202	390	4	0.37	47	1560	14	111	0.24	239	< 10	262
DH-97 S-098	201 202	130	3	0.33	23	1500	12	86	0.23	206	< 10	120
DH-97 S-099	201 202	215	3	0.06	9	860	< 2	142	0.01	13	< 10	130
DH-97 S-100	201 202	400	6	0.42	49	1260	16	127	0.27	226	< 10	258
DH-97 S-101	201 202	410	5	0.36	41	1200	18	107	0.24	217	< 10	226
DH-97 S-102	201 202	325	2	1.07	28	860	10	189	0.30	127	< 10	104
DH-97 S-103	201 202	275	3	1.20	46	850	18	206	0.31	171	< 10	290
DH-97 S-104	201 202	960	3	0.91	63	1240	16	133	0.36	162	< 10	146
DH-97 S-105	201 202	435	2	1.64	21	1090	14	229	0.41	85	< 10	68
DH-97 S-106	201 202	415	3	1.52	24	1920	12	228	0.36	99	< 10	96
DH-97 S-107	201 202	555	3	1.56	24	720	14	250	0.36	95	< 10	96
DH-97 S-108	201 202	365	4	1.66	17	680	16	270	0.35	93	< 10	88
DH-97 S-109	201 202	705	3	1.61	19	560	18	261	0.41	105	< 10	84
DH-97 S-110	201 202	610	1	1.54	19	890	14	239	0.44	106	< 10	96
DH-97 S-111	201 202	460	4	1.18	20	770	10	217	0.25	115	< 10	148
DH-97 S-112	201 202	600	3	1.44	17	730	14	270	0.28	119	< 10	124
DH-97 S-113	201 202	765	1	1.37	16	610	12	264	0.28	101	< 10	140
DH-97 S-114	201 202	480	2	1.99	14	870	14	434	0.25	86	< 10	138
DH-97 S-115	201 202	1510	3	1.44	17	750	18	293	0.29	110	< 10	196
DH-97 S-116	201 202	620	4	1.45	19	650	12	270	0.28	105	< 10	150
DH-97 S-117	201 202	440	3	1.61	14	460	14	320	0.26	86	< 10	100
DH-97 S-118	201 202	485	3	2.10	10	640	10	437	0.23	68	< 10	124
DH-97 S-119	201 202	1115	3	2.32	12	840	10	530	0.17	42	< 10	106
DH-97 S-120	201 202	505	3	1.71	8	640	8	442	0.14	35	< 10	70
DH-97 S-121	201 202	695	3	1.82	15	560	12	385	0.25	80	< 10	178
DH-97 S-122	201 202	530	3	1.02	24	510	16	153	0.32	129	< 10	258
DH-97 S-123	201 202	485	3	1.75	13	410	14	375	0.28	87	< 10	148
DH-97 S-124	201 202	460	3	1.66	11	440	12	352	0.26	82	< 10	194
DH-97 S-125	201 202	1590	3	1.43	21	790	16	297	0.29	112	< 10	392
DH-97 S-126	201 202	1220	3	0.61	63	1110	20	229	0.31	166	< 10	184
DH-97 S-127	201 202	585	3	2.01	16	720	10	490	0.19	63	< 10	74
DH-97 S-128	201 202	2180	4	1.10	28	560	24	206	0.28	130	< 10	212
DH-97 S-129	201 202	1620	2	0.93	18	680	18	136	0.32	126	< 10	314
DH-97 S-130	201 202	980	3	1.84	11	640	14	392	0.26	78	< 10	148
DH-97 S-131	201 202	250	3	0.68	22	670	14	80	0.31	138	< 10	164

CERTIFICATION:

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 : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 14-JUL-97
Invoice No. : I9730704
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9730704

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
DH-97 S-132	201	202	< 5	< 0.2	4.02	2020	1.0	< 2	1.05	0.5	15	64	59	2.73	1.34	0.77

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9730704

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
DH-97 S-132	201 202	735	3	0.53	49	1100	24	110	0.23	129	< 10	142

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

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

A9730706

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9730706

(EIA) - EQUITY ENGINEERING LTD.

Project: EXR-97-01
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 16-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	147	Dry, sieve to -80 mesh
202	147	save reject
285	147	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	147	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	147	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	147	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	147	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	147	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	147	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	147	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	147	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	147	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	147	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	147	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	147	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	147	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	147	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	147	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	147	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	147	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	147	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	147	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	147	Pb ppm: 24 element, rock & core	AAS	2	10000
582	147	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	147	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	147	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	147	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	147	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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V6B 1N2

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 16-JUL-97
Invoice No. :I9730706
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730706

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
NM-97 S-002	201	202	< 5	< 0.2	4.65	820	1.5	< 2	1.63	< 0.5	9	80	39	2.32	1.42	0.84
NM-97 S-003	201	202	< 5	< 0.2	4.00	1560	1.0	< 2	1.10	0.5	7	67	29	2.02	1.31	0.81
NM-97 S-005	201	202	< 5	< 0.2	2.30	780	0.5	< 2	3.26	0.5	3	18	29	0.94	0.65	0.39
NM-97 S-006	201	202	< 5	< 0.2	4.79	1550	1.5	< 2	0.94	0.5	7	66	27	2.35	1.42	0.72
NM-97 S-007	201	202	< 5	< 0.2	4.75	1870	1.5	< 2	1.58	1.0	8	72	42	2.51	1.59	0.94
NM-97 S-008	201	202	< 5	< 0.2	4.28	620	0.5	< 2	2.96	< 0.5	3	6	23	1.04	1.13	0.41
NM-97 S-009	201	202	< 5	< 0.2	5.22	1210	1.0	< 2	2.33	0.5	5	27	32	1.60	1.57	0.51
NM-97 S-010	201	202	< 5	< 0.2	6.43	2100	1.5	< 2	5.99	3.5	9	47	66	2.48	1.98	0.93
NM-97 S-011	201	202	< 5	0.4	5.50	1500	1.5	< 2	3.89	2.0	7	48	48	2.26	1.71	0.69
NM-97 S-012	201	202	< 5	< 0.2	5.45	1360	1.0	< 2	3.13	3.5	6	16	39	1.54	1.58	0.54
NM-97 S-013	201	202	< 5	< 0.2	6.62	1560	1.5	< 2	2.07	2.0	7	52	37	2.48	2.09	0.81
NM-97 S-014	201	202	< 5	< 0.2	6.49	1250	1.5	< 2	1.44	< 0.5	9	51	28	2.98	1.88	0.73
NM-97 S-015	201	202	< 5	< 0.2	5.41	1190	1.5	< 2	0.87	< 0.5	13	71	19	2.86	1.33	0.76
NM-97 S-016	201	202	< 5	< 0.2	4.92	1040	1.0	< 2	1.48	< 0.5	3	46	17	1.75	1.27	0.60
NM-97 S-017	201	202	< 5	< 0.2	0.77	460	< 0.5	< 2	2.45	0.5	1	7	18	0.33	0.16	0.39
NM-97 S-018	201	202	< 5	< 0.2	6.17	1220	1.5	< 2	2.15	< 0.5	8	25	40	2.06	1.69	0.61
NM-97 S-019	201	202	< 5	0.6	3.85	1360	1.0	< 2	2.46	1.0	8	52	41	1.81	0.99	0.63
NM-97 S-020	201	202	< 5	< 0.2	4.77	960	0.5	< 2	2.94	< 0.5	3	11	24	1.27	1.31	0.56
NM-97 S-021	201	202	< 5	0.4	5.23	1490	1.5	< 2	2.08	0.5	7	57	41	1.98	1.35	0.73
NM-97 S-022	201	202	< 5	0.4	5.31	1870	1.5	< 2	0.66	0.5	7	80	60	2.59	1.39	0.78
NM-97 S-023	201	202	< 5	< 0.2	4.60	1280	1.0	< 2	0.87	< 0.5	8	71	18	2.35	1.28	0.73
NM-97 S-024	201	202	< 5	0.8	4.88	2020	1.5	< 2	1.08	0.5	8	71	42	2.29	1.16	0.63
NM-97 S-025	201	202	< 5	< 0.2	5.43	1370	1.0	< 2	0.79	0.5	7	81	22	2.79	1.23	0.62
NM-97 S-026	201	202	< 5	0.2	6.48	1350	1.5	< 2	1.47	0.5	6	46	19	2.11	1.97	0.63
NM-97 S-027	201	202	< 5	2.2	5.74	2010	2.5	< 2	1.06	2.0	18	87	100	3.13	1.49	0.67
NM-97 S-028	201	202	< 5	0.2	5.28	1630	1.5	< 2	0.67	0.5	12	98	32	2.77	1.51	0.81
NM-97 S-029	201	202	< 5	< 0.2	4.58	1580	1.5	< 2	0.41	< 0.5	11	95	23	2.47	1.41	0.71
NM-97 S-030	201	202	< 5	< 0.2	0.34	150	< 0.5	< 2	4.44	< 0.5	3	6	37	0.35	0.06	1.59
NM-97 S-031	201	202	< 5	< 0.2	4.59	1060	0.5	< 2	1.60	1.5	2	39	31	1.66	1.36	0.92
NM-97 S-032	201	202	< 5	< 0.2	2.84	530	0.5	< 2	2.20	< 0.5	< 1	9	14	0.72	0.76	0.41
NM-97 S-033	201	202	< 5	< 0.2	2.53	520	0.5	< 2	3.07	< 0.5	1	10	17	0.65	0.70	0.58
NM-97 S-034	201	202	< 5	< 0.2	5.64	1600	1.5	< 2	0.85	< 0.5	9	82	40	2.78	1.63	0.66
NM-97 S-035	201	202	< 5	< 0.2	4.27	1400	1.0	< 2	0.66	< 0.5	7	71	15	2.26	1.30	0.68
NM-97 S-036	201	202	< 5	0.4	1.96	360	0.5	< 2	3.05	< 0.5	10	35	44	1.86	0.45	0.62
NM-97 S-037	201	202	< 5	< 0.2	4.16	1330	1.0	< 2	0.78	< 0.5	2	60	11	1.59	1.36	0.61
NM-97 S-038	201	202	< 5	0.2	4.61	860	1.0	< 2	2.31	3.5	10	24	52	1.60	1.20	0.60
NM-97 S-039	201	202	< 5	1.4	3.54	730	1.0	< 2	2.07	1.0	4	52	66	1.96	0.93	0.62
NM-97 S-040	201	202	< 5	1.0	4.35	1400	1.0	< 2	1.68	1.5	3	64	77	1.51	1.17	0.63
NM-97 S-041	201	202	< 5	< 0.2	5.68	2110	1.5	< 2	0.93	0.5	10	93	43	3.08	1.86	0.98
NM-97 S-042	201	202	< 5	< 0.2	4.35	1210	1.0	< 2	0.30	< 0.5	4	76	14	2.45	1.24	0.56

CERTIFICATION: Hunt Buchan

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CERTIFICATE OF ANALYSIS A9730706

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
NM-97 S-002	201 202	330	1	0.51	56	940	14	130	0.26	164	< 10	102
NM-97 S-003	201 202	300	1	0.45	44	1120	6	101	0.23	153	< 10	88
NM-97 S-005	201 202	495	4	0.58	29	1040	4	212	0.08	41	< 10	50
NM-97 S-006	201 202	405	3	0.71	35	1120	12	141	0.25	145	< 10	118
NM-97 S-007	201 202	505	4	0.56	49	1220	10	135	0.25	151	< 10	136
NM-97 S-008	201 202	240	3	1.49	7	1030	8	414	0.12	27	< 10	30
NM-97 S-009	201 202	390	3	1.46	21	910	10	352	0.17	82	< 10	94
NM-97 S-010	201 202	730	4	1.44	52	1700	16	494	0.23	143	< 10	266
NM-97 S-011	201 202	460	5	1.08	55	1130	14	306	0.20	128	< 10	130
NM-97 S-012	201 202	930	4	1.79	27	1110	12	477	0.17	62	< 10	132
NM-97 S-013	201 202	445	4	1.45	39	910	16	341	0.26	140	< 10	206
NM-97 S-014	201 202	435	4	1.95	50	830	12	421	0.21	90	< 10	86
NM-97 S-015	201 202	575	3	0.77	32	1110	14	147	0.28	121	< 10	86
NM-97 S-016	201 202	200	2	1.09	22	980	8	261	0.24	87	< 10	50
NM-97 S-017	201 202	230	1	0.14	28	940	6	139	0.02	10	< 10	56
NM-97 S-018	201 202	660	3	1.98	54	520	10	469	0.20	71	< 10	60
NM-97 S-019	201 202	615	3	0.55	57	790	14	194	0.17	109	< 10	110
NM-97 S-020	201 202	290	3	1.70	17	660	8	473	0.15	43	< 10	44
NM-97 S-021	201 202	500	2	0.82	50	910	16	240	0.18	136	< 10	80
NM-97 S-022	201 202	490	3	0.58	68	520	20	100	0.27	182	< 10	110
NM-97 S-023	201 202	300	4	0.55	35	860	16	105	0.26	141	< 10	90
NM-97 S-024	201 202	540	2	0.68	55	640	16	124	0.26	162	< 10	276
NM-97 S-025	201 202	230	4	0.69	31	690	18	134	0.37	153	< 10	164
NM-97 S-026	201 202	475	3	1.74	17	650	12	385	0.28	109	< 10	132
NM-97 S-027	201 202	1200	4	0.57	72	1070	22	137	0.29	190	< 10	308
NM-97 S-028	201 202	470	3	0.70	63	510	12	121	0.28	167	< 10	154
NM-97 S-029	201 202	380	3	0.42	49	360	14	69	0.26	219	< 10	148
NM-97 S-030	201 202	220	3	0.07	33	860	4	359	0.01	12	< 10	4
NM-97 S-031	201 202	190	3	1.05	21	910	6	260	0.18	89	< 10	62
NM-97 S-032	201 202	125	2	0.91	5	650	6	281	0.07	15	< 10	18
NM-97 S-033	201 202	225	1	0.78	6	740	6	291	0.08	26	< 10	22
NM-97 S-034	201 202	320	5	0.64	43	770	16	145	0.27	184	< 10	118
NM-97 S-035	201 202	280	3	0.50	31	480	12	95	0.22	161	< 10	90
NM-97 S-036	201 202	565	7	0.14	47	1150	8	170	0.08	64	< 10	36
NM-97 S-037	201 202	205	2	0.73	20	920	12	143	0.25	134	< 10	56
NM-97 S-038	201 202	1110	4	1.41	41	1360	4	385	0.16	57	< 10	100
NM-97 S-039	201 202	420	4	0.47	46	990	16	200	0.16	147	< 10	44
NM-97 S-040	201 202	325	4	0.50	45	850	16	187	0.20	180	< 10	50
NM-97 S-041	201 202	460	5	0.53	65	1120	14	112	0.29	202	< 10	166
NM-97 S-042	201 202	220	4	0.48	30	310	8	66	0.29	160	< 10	72

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 16-JUL-97
Invoice No. : I9730706
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9730706

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
NM-97 S-043	201 202	< 5	< 0.2	6.60	990	1.0	< 2	2.38	< 0.5	5	6	20	1.53	1.89	0.53
NM-97 S-044	201 202	< 5	< 0.2	4.96	1240	1.0	< 2	0.55	< 0.5	4	75	10	2.02	1.49	0.71
NM-97 S-045	201 202	< 5	< 0.2	2.61	760	0.5	< 2	3.13	0.5	6	10	18	0.86	0.63	0.48
NM-97 S-046	201 202	< 5	< 0.2	4.12	650	0.5	< 2	2.33	< 0.5	3	7	18	1.22	1.06	0.53
NM-97 S-047	201 202	< 5	< 0.2	2.02	550	< 0.5	< 2	1.99	3.5	8	10	31	1.02	0.49	0.30
NM-97 S-048	201 202	< 5	< 0.2	5.47	760	0.5	< 2	1.36	< 0.5	3	10	19	1.19	1.58	0.37
NM-97 S-049	201 202	< 5	< 0.2	4.25	540	0.5	< 2	3.14	< 0.5	3	8	18	1.16	1.03	0.66
NM-97 S-050	201 202	< 5	< 0.2	5.72	1490	1.5	< 2	2.40	< 0.5	13	92	41	3.12	1.77	1.08
NM-97 S-051	201 202	< 5	< 0.2	5.82	1550	1.5	< 2	1.45	1.0	16	89	44	3.41	1.81	0.94
NM-97 S-052	201 202	< 5	< 0.2	5.85	1640	1.5	< 2	2.76	1.0	15	95	44	3.25	1.77	1.09
NM-97 S-053	201 202	< 5	< 0.2	1.32	750	< 0.5	< 2	3.10	2.5	32	9	26	2.01	0.31	0.42
NM-97 S-054	201 202	< 5	< 0.2	6.02	1800	1.5	< 2	1.02	< 0.5	11	107	40	2.54	1.75	0.99
NM-97 S-055	201 202	< 5	< 0.2	4.33	1380	1.5	< 2	0.43	< 0.5	7	68	10	2.08	1.28	0.62
NM-97 S-056	201 202	< 5	< 0.2	2.18	650	< 0.5	< 2	3.94	0.5	2	6	18	0.56	0.56	0.44
NM-97 S-057	201 202	< 5	< 0.2	2.75	1350	0.5	< 2	3.26	0.5	7	41	51	1.30	0.77	0.57
NM-97 S-058	201 202	< 5	< 0.2	5.01	1170	0.5	< 2	0.98	0.5	6	56	13	1.83	1.43	0.48
NM-97 S-059	201 202	10	< 0.2	4.75	1850	2.0	< 2	0.87	2.5	11	82	67	2.72	0.91	0.48
NM-97 S-060	201 202	< 5	1.0	1.98	1360	0.5	< 2	3.97	0.5	3	12	53	0.90	0.45	0.35
NM-97 S-061	201 202	< 5	< 0.2	1.75	490	< 0.5	< 2	1.75	0.5	4	23	18	0.88	0.42	0.46
NM-97 S-062	201 202	< 5	< 0.2	5.24	1360	0.5	< 2	1.05	1.5	8	62	22	1.64	1.45	0.53
NM-97 S-063	201 202	< 5	24.0	5.04	1100	0.5	< 2	0.52	0.5	7	95	19	2.96	1.33	0.65
NM-97 S-064	201 202	< 5	< 0.2	4.88	1260	1.0	< 2	0.79	< 0.5	8	71	14	2.24	1.52	0.66
NM-97 S-065	201 202	< 5	< 0.2	4.96	650	0.5	< 2	2.91	< 0.5	5	7	14	1.21	1.34	0.60
NM-97 S-066	201 202	< 5	< 0.2	5.44	1360	1.0	< 2	0.73	0.5	13	63	16	2.59	1.33	0.57
NM-97 S-067	201 202	< 5	< 0.2	4.72	1040	0.5	< 2	2.74	< 0.5	2	29	20	1.49	1.39	0.69
NM-97 S-068	201 202	< 5	< 0.2	4.85	1430	1.5	< 2	0.97	0.5	7	77	55	2.49	1.45	0.80
NM-97 S-069	201 202	< 5	< 0.2	0.58	880	< 0.5	< 2	3.63	7.0	11	3	19	0.48	0.08	0.51
NM-97 S-070	201 202	< 5	< 0.2	4.73	1340	1.5	< 2	1.34	< 0.5	6	72	19	2.18	1.43	0.75
NM-97 S-071	201 202	< 5	0.6	4.21	1860	1.0	< 2	1.37	1.5	12	63	67	1.76	0.99	0.59
NM-97 S-072	201 202	< 5	< 0.2	3.61	1080	0.5	< 2	1.47	0.5	2	57	23	1.57	0.97	0.47
NM-97 S-073	201 202	< 5	< 0.2	5.19	1470	1.5	< 2	0.81	< 0.5	9	80	26	2.72	1.41	0.86
NM-97 S-074	201 202	< 5	< 0.2	5.73	1520	1.5	< 2	1.18	< 0.5	11	98	14	3.31	1.47	1.23
NM-97 S-075	201 202	< 5	< 0.2	6.27	1480	1.5	< 2	1.34	0.5	14	90	41	3.44	1.54	1.28
NM-97 S-076	201 202	< 5	< 0.2	4.86	1070	1.0	< 2	5.64	< 0.5	5	43	30	1.61	1.37	1.19
NM-97 S-077	201 202	< 5	< 0.2	6.21	1490	2.0	< 2	1.43	< 0.5	9	71	46	2.82	1.63	0.82
NM-97 S-078	201 202	< 5	< 0.2	4.87	1190	0.5	< 2	0.60	< 0.5	11	46	16	2.28	1.09	0.55
NM-97 S-079	201 202	< 5	< 0.2	6.18	1270	1.5	< 2	0.73	< 0.5	15	92	34	3.62	1.49	0.98
NM-97 S-080	201 202	< 5	< 0.2	5.99	880	1.0	< 2	0.85	< 0.5	8	70	15	3.35	0.97	0.81
NM-97 S-081	201 202	< 5	< 0.2	5.47	1030	0.5	< 2	0.51	< 0.5	5	55	15	2.79	1.02	0.62
NM-97 S-082	201 202	< 5	< 0.2	4.17	3480	1.5	< 2	1.28	2.5	7	68	34	2.14	1.56	0.78

CERTIFICATION: David Baker

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 16-JUL-97
Invoice No. :19730706
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730706

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
NM-97 S-043	201	202	1615	3	2.52	8	650	8	594	0.18	38	< 10	48			
NM-97 S-044	201	202	240	1	0.70	20	620	12	133	0.28	145	< 10	134			
NM-97 S-045	201	202	680	1	0.78	16	910	6	306	0.08	27	< 10	28			
NM-97 S-046	201	202	195	2	1.42	12	760	4	434	0.14	29	< 10	28			
NM-97 S-047	201	202	405	1	0.55	27	1030	4	220	0.07	29	< 10	132			
NM-97 S-048	201	202	265	3	1.97	4	410	8	454	0.16	37	< 10	38			
NM-97 S-049	201	202	505	2	1.48	10	970	4	467	0.15	36	< 10	36			
NM-97 S-050	201	202	410	4	0.53	54	990	12	143	0.27	148	< 10	116			
NM-97 S-051	201	202	710	5	0.56	59	1100	12	109	0.31	157	< 10	124			
NM-97 S-052	201	202	520	3	0.57	60	1100	12	134	0.31	147	< 10	132			
NM-97 S-053	201	202	2740	4	0.31	66	1040	2	208	0.04	18	< 10	64			
NM-97 S-054	201	202	600	3	0.53	76	1060	14	137	0.25	177	< 10	106			
NM-97 S-055	201	202	420	2	0.56	30	580	8	83	0.23	151	< 10	86			
NM-97 S-056	201	202	445	1	0.69	10	710	< 2	329	0.06	17	< 10	92			
NM-97 S-057	201	202	305	1	0.32	72	710	8	186	0.13	76	< 10	76			
NM-97 S-058	201	202	485	3	1.02	18	650	10	212	0.29	117	< 10	172			
NM-97 S-059	201	202	775	4	0.45	47	3520	28	127	0.20	134	< 10	292			
NM-97 S-060	201	202	900	3	0.50	22	930	4	291	0.06	31	< 10	42			
NM-97 S-061	201	202	205	1	0.29	12	760	4	138	0.07	41	< 10	28			
NM-97 S-062	201	202	785	3	1.04	15	1060	16	213	0.28	118	< 10	256			
NM-97 S-063	201	202	300	4	0.69	31	1200	16	110	0.36	163	< 10	192			
NM-97 S-064	201	202	455	3	0.89	26	740	6	173	0.25	138	< 10	136			
NM-97 S-065	201	202	1440	3	1.81	6	690	6	506	0.16	32	< 10	48			
NM-97 S-066	201	202	455	4	0.94	26	510	14	180	0.28	149	< 10	366			
NM-97 S-067	201	202	445	3	1.29	15	920	10	363	0.17	76	< 10	96			
NM-97 S-068	201	202	255	3	0.63	51	550	18	122	0.27	156	< 10	110			
NM-97 S-069	201	202	>10000	7	0.05	49	1220	4	190	0.01	11	< 10	666			
NM-97 S-070	201	202	420	3	0.53	28	1030	14	140	0.27	151	< 10	114			
NM-97 S-071	201	202	355	4	0.61	66	560	12	155	0.26	116	< 10	140			
NM-97 S-072	201	202	175	1	0.58	22	520	14	185	0.25	121	< 10	92			
NM-97 S-073	201	202	395	4	0.70	54	840	18	133	0.30	148	< 10	136			
NM-97 S-074	201	202	350	4	0.82	50	1230	10	166	0.40	158	< 10	110			
NM-97 S-075	201	202	380	4	0.82	67	920	18	223	0.37	151	< 10	104			
NM-97 S-076	201	202	280	2	1.05	39	830	12	513	0.19	84	< 10	84			
NM-97 S-077	201	202	485	3	0.90	55	680	14	232	0.28	135	< 10	104			
NM-97 S-078	201	202	445	3	0.75	15	390	12	165	0.32	101	< 10	140			
NM-97 S-079	201	202	505	5	0.77	65	320	16	133	0.36	147	< 10	80			
NM-97 S-080	201	202	300	4	0.97	31	300	14	171	0.39	113	< 10	86			
NM-97 S-081	201	202	230	4	0.93	25	330	12	159	0.33	110	< 10	86			
NM-97 S-082	201	202	400	4	0.32	50	2800	16	151	0.25	255	< 10	294			

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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Project : EXR-97-01
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Certificate Date: 16-JUL-97
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CERTIFICATE OF ANALYSIS A9730706

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
NM-97 S-083	201 202	< 5	< 0.2	4.54	3190	1.5	< 2	1.05	3.5	9	74	43	2.39	1.66	0.83
NM-97 S-084	201 202	< 5	< 0.2	5.18	2760	1.5	< 2	0.54	2.0	10	80	40	3.00	1.55	0.78
NM-97 S-085	201 202	< 5	< 0.2	4.69	3150	1.5	< 2	0.91	3.0	8	75	43	2.41	1.67	0.77
NM-97 S-086	201 202	< 5	< 0.2	4.47	3190	1.5	< 2	0.92	3.5	9	75	44	2.35	1.63	0.76
NM-97 S-087	201 202	< 5	< 0.2	4.80	3310	1.5	< 2	0.98	4.0	10	79	49	2.62	1.71	0.81
NM-97 S-088	201 202	< 5	< 0.2	4.24	3070	1.5	< 2	1.08	2.5	7	71	37	2.21	1.58	0.76
NM-97 S-089	201 202	< 5	< 0.2	4.34	2880	1.5	< 2	1.06	2.5	9	71	37	2.28	1.61	0.81
NM-97 S-090	201 202	< 5	< 0.2	4.38	3270	1.5	< 2	1.09	2.5	8	75	39	2.38	1.59	0.85
NM-97 S-091	201 202	< 5	< 0.2	4.05	3240	1.5	< 2	1.30	2.0	6	68	30	2.09	1.50	0.84
NM-97 S-092	201 202	< 5	< 0.2	3.87	2650	1.5	< 2	0.64	1.5	5	62	23	1.93	1.36	0.57
NM-97 S-093	201 202	< 5	< 0.2	4.99	2820	1.5	< 2	1.34	2.5	11	76	47	2.82	1.74	1.01
NM-97 S-094	201 202	< 5	< 0.2	4.13	2560	1.5	< 2	1.57	3.0	7	65	35	2.14	1.50	0.79
NM-97 S-095	201 202	< 5	< 0.2	4.55	2860	1.5	< 2	1.00	2.5	7	74	40	2.60	1.59	0.79
NM-97 S-096	201 202	< 5	< 0.2	4.41	2490	1.5	< 2	0.95	1.5	6	71	41	2.35	1.52	0.70
NM-97 S-097	201 202	< 5	< 0.2	4.53	2830	1.5	< 2	1.12	2.0	9	72	36	2.41	1.59	0.79
NM-97 S-098	201 202	< 5	< 0.2	4.68	2870	1.5	< 2	1.13	1.5	8	75	40	2.54	1.65	0.88
NM-97 S-099	201 202	< 5	< 0.2	4.23	2020	1.5	< 2	0.64	1.0	9	72	16	2.28	1.48	0.71
NM-97 S-100	201 202	< 5	< 0.2	4.98	2880	1.5	< 2	0.96	2.0	10	77	46	2.89	1.75	0.75
NM-97 S-101	201 202	< 5	< 0.2	4.55	2850	1.5	< 2	1.22	2.0	8	72	37	2.19	1.63	0.85
NM-97 S-102	201 202	< 5	< 0.2	4.92	2740	1.5	< 2	1.17	2.5	9	76	46	2.71	1.74	0.80
NM-97 S-103	201 202	< 5	< 0.2	3.98	2920	1.5	< 2	1.04	2.0	7	71	31	1.85	1.46	0.77
NM-97 S-104	201 202	< 5	< 0.2	4.35	3260	1.5	< 2	0.83	2.0	8	75	33	2.23	1.55	0.67
NM-97 S-105	201 202	< 5	< 0.2	4.20	2630	1.5	< 2	0.73	1.5	8	68	34	2.24	1.51	0.65
NM-97 S-106	201 202	< 5	< 0.2	4.23	2850	1.5	< 2	0.75	2.5	8	69	36	2.28	1.53	0.62
NM-97 S-107	201 202	< 5	< 0.2	5.04	1530	1.5	< 2	1.61	1.5	9	71	54	2.33	1.62	0.84
NM-97 S-108	201 202	< 5	< 0.2	4.59	2900	1.5	< 2	0.97	3.0	9	72	39	2.56	1.67	0.76
NM-97 S-109	201 202	< 5	< 0.2	3.72	2760	1.0	< 2	0.96	2.0	7	62	28	1.99	1.40	0.69
NM-97 S-110	201 202	< 5	< 0.2	3.78	2400	1.5	< 2	0.62	2.0	6	58	27	2.05	1.37	0.56
NM-97 S-111	201 202	< 5	< 0.2	3.89	2370	1.0	< 2	2.11	2.0	7	59	28	2.03	1.44	0.89
NM-97 S-112	201 202	< 5	< 0.2	4.56	3390	1.5	< 2	1.22	3.0	8	75	45	2.48	1.70	0.82
NM-97 S-113	201 202	< 5	< 0.2	5.13	2680	1.5	< 2	0.86	2.0	10	77	46	2.57	1.74	0.82
NM-97 S-114	201 202	< 5	< 0.2	4.85	2630	1.5	< 2	1.44	2.5	9	72	40	2.84	1.71	0.90
NM-97 S-115	201 202	< 5	< 0.2	4.10	2570	1.5	< 2	1.53	2.0	7	64	33	2.20	1.50	0.77
NM-97 S-116	201 202	< 5	< 0.2	5.05	2890	1.5	< 2	1.12	2.5	8	78	46	2.87	1.80	0.91
NM-97 S-117	201 202	< 5	< 0.2	4.68	2600	1.5	< 2	0.90	2.0	6	69	36	2.26	1.68	0.69
NM-97 S-118	201 202	< 5	< 0.2	4.69	3050	1.5	< 2	0.94	2.5	9	72	45	2.44	1.71	0.81
NM-97 S-120	201 202	< 5	< 0.2	4.02	3170	1.5	< 2	1.21	2.0	6	65	30	2.08	1.47	0.76
NM-97 S-121	201 202	< 5	< 0.2	3.97	2240	1.0	< 2	0.70	0.5	5	64	15	1.94	1.46	0.55
NM-97 S-122	201 202	< 5	< 0.2	4.10	2810	1.5	< 2	1.31	3.0	8	66	37	2.19	1.53	0.84
NM-97 S-123	201 202	< 5	< 0.2	4.61	3410	1.5	< 2	1.38	3.5	8	77	41	2.33	1.75	0.86

CERTIFICATION:

Chemex Labs Ltd.

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Project : EXR-97-01
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Page Number :3-B
Total Pages :4
Certificate Date: 16-JUL-97
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CERTIFICATE OF ANALYSIS A9730706

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
NM-97 S-083	201 202	545	6	0.36	60	2100	16	130	0.26	268	< 10	338
NM-97 S-084	201 202	560	6	0.47	54	1500	20	106	0.29	262	< 10	292
NM-97 S-085	201 202	470	3	0.41	57	1930	12	125	0.27	271	< 10	326
NM-97 S-086	201 202	520	4	0.36	60	2140	20	124	0.25	280	< 10	332
NM-97 S-087	201 202	530	5	0.39	64	2050	18	129	0.27	290	< 10	376
NM-97 S-088	201 202	360	4	0.31	49	2660	16	128	0.25	248	< 10	268
NM-97 S-089	201 202	455	5	0.35	53	1960	16	122	0.25	257	< 10	270
NM-97 S-090	201 202	495	4	0.39	54	2100	16	135	0.26	260	< 10	278
NM-97 S-091	201 202	440	4	0.31	45	2840	12	144	0.24	235	< 10	226
NM-97 S-092	201 202	155	4	0.33	36	1860	14	102	0.22	213	< 10	194
NM-97 S-093	201 202	630	5	0.49	60	1680	18	146	0.29	245	< 10	298
NM-97 S-094	201 202	405	4	0.35	49	1540	14	131	0.23	228	< 10	278
NM-97 S-095	201 202	310	4	0.44	48	1820	14	127	0.27	255	< 10	298
NM-97 S-096	201 202	295	4	0.40	47	1460	16	115	0.26	229	< 10	236
NM-97 S-097	201 202	505	4	0.44	53	1660	18	128	0.26	242	< 10	266
NM-97 S-098	201 202	320	6	0.45	52	1680	16	138	0.28	253	< 10	270
NM-97 S-099	201 202	495	4	0.45	31	1900	20	105	0.25	203	< 10	146
NM-97 S-100	201 202	570	7	0.46	58	1550	18	130	0.29	256	< 10	302
NM-97 S-101	201 202	410	2	0.44	51	1700	16	136	0.27	247	< 10	288
NM-97 S-102	201 202	570	4	0.44	59	1470	22	133	0.28	258	< 10	320
NM-97 S-103	201 202	335	3	0.35	47	1940	14	121	0.24	232	< 10	234
NM-97 S-104	201 202	360	4	0.35	53	1970	18	122	0.26	250	< 10	238
NM-97 S-105	201 202	415	3	0.37	49	1680	20	110	0.24	239	< 10	250
NM-97 S-106	201 202	460	4	0.36	54	1760	14	115	0.25	243	< 10	280
NM-97 S-107	201 202	525	3	0.52	58	1250	12	160	0.21	161	< 10	154
NM-97 S-108	201 202	440	5	0.42	54	1840	16	126	0.28	253	< 10	332
NM-97 S-109	201 202	315	3	0.31	41	1910	12	117	0.23	211	< 10	208
NM-97 S-110	201 202	385	4	0.35	37	1450	14	99	0.22	216	< 10	212
NM-97 S-111	201 202	365	3	0.34	38	1540	16	152	0.23	206	< 10	192
NM-97 S-112	201 202	460	5	0.39	57	2080	20	146	0.26	282	< 10	354
NM-97 S-113	201 202	295	4	0.48	57	1470	20	126	0.30	239	< 10	284
NM-97 S-114	201 202	635	6	0.48	55	1490	18	140	0.28	231	< 10	298
NM-97 S-115	201 202	365	3	0.38	45	1510	16	153	0.24	221	< 10	240
NM-97 S-116	201 202	300	5	0.51	59	1700	20	146	0.31	247	< 10	324
NM-97 S-117	201 202	260	4	0.44	42	1550	12	125	0.27	231	< 10	254
NM-97 S-118	201 202	235	5	0.44	55	1660	20	130	0.28	258	< 10	310
NM-97 S-120	201 202	325	4	0.37	45	1900	18	139	0.24	226	< 10	234
NM-97 S-121	201 202	260	3	0.35	27	1790	14	106	0.23	219	< 10	140
NM-97 S-122	201 202	450	5	0.36	51	1860	16	135	0.24	230	< 10	266
NM-97 S-123	201 202	475	5	0.37	60	2400	16	156	0.26	278	< 10	348

CERTIFICATION: Ian Bucklen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 16-JUL-97
Invoice No. : I9730706
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9730706

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
NM-97 S-124	201	202	< 5	< 0.2	5.73	1000	1.5	< 2	1.06	< 0.5	6	64	12	2.40	1.61	0.67
NM-97 S-125	201	202	< 5	< 0.2	4.46	930	1.5	< 2	0.87	< 0.5	4	48	5	1.63	1.34	0.55
NM-97 S-126	201	202	< 5	< 0.2	4.56	930	1.5	< 2	0.67	< 0.5	4	65	9	2.20	1.34	0.57
NM-97 S-127	201	202	< 5	< 0.2	6.26	1490	2.0	< 2	1.21	0.5	10	73	34	2.86	2.05	1.00
NM-97 S-128	201	202	< 5	< 0.2	2.27	1470	0.5	< 2	4.30	0.5	7	20	16	0.96	0.60	0.40
NM-97 S-129	201	202	< 5	< 0.2	7.10	1480	2.5	< 2	1.49	0.5	13	100	42	3.70	2.24	1.42
NM-97 S-130	201	202	< 5	< 0.2	7.19	1830	2.5	< 2	1.01	0.5	12	100	53	3.82	2.34	1.34
NM-97 S-131	201	202	< 5	< 0.2	5.64	1100	2.0	< 2	4.67	< 0.5	9	66	28	3.08	1.68	1.07
NM-97 S-132	201	202	< 5	< 0.2	5.84	1180	1.5	< 2	4.38	0.5	9	38	38	2.63	1.57	0.75
NM-97 S-133	201	202	< 5	< 0.2	5.98	1670	2.0	< 2	2.07	< 0.5	8	75	48	2.87	1.84	0.99
NM-97 S-134	201	202	< 5	< 0.2	5.00	710	2.0	< 2	1.51	< 0.5	7	44	14	1.84	1.48	0.63
NM-97 S-135	201	202	< 5	< 0.2	5.25	690	2.0	< 2	1.59	< 0.5	4	52	6	2.29	1.55	0.65
NM-97 S-136	201	202	< 5	< 0.2	5.84	840	1.5	< 2	1.86	< 0.5	7	54	7	2.34	1.62	0.81
NM-97 S-137	201	202	< 5	< 0.2	6.10	860	1.5	< 2	1.44	< 0.5	8	88	8	3.39	1.53	0.83
NM-97 S-138	201	202	< 5	< 0.2	6.27	840	1.5	4	1.43	< 0.5	7	52	9	2.34	1.63	0.64
NM-97 S-139	201	202	< 5	< 0.2	5.98	750	2.0	< 2	1.30	< 0.5	8	62	11	2.55	1.60	0.77
NM-97 S-140	201	202	< 5	< 0.2	5.32	840	1.5	< 2	1.72	< 0.5	7	47	15	2.04	1.41	0.60
NM-97 S-141	201	202	< 5	< 0.2	5.87	1780	1.5	< 2	0.85	< 0.5	14	120	60	2.92	1.59	1.04
NM-97 S-142	201	202	< 5	< 0.2	5.25	1380	1.0	< 2	0.84	< 0.5	6	54	16	1.96	1.52	0.66
NM-97 S-143	201	202	< 5	0.4	4.27	1370	1.5	< 2	2.48	0.5	15	82	150	1.91	1.16	0.84
NM-97 S-144	201	202	< 5	< 0.2	2.05	520	0.5	< 2	3.17	0.5	7	22	28	0.86	0.46	0.75
NM-97 S-145	201	202	< 5	< 0.2	4.36	1450	1.0	< 2	0.92	< 0.5	9	71	27	2.35	1.25	0.86
NM-97 S-146	201	202	< 5	< 0.2	4.98	1280	1.0	< 2	1.23	< 0.5	7	51	25	2.15	1.34	0.66
NM-97 S-147	201	202	< 5	< 0.2	5.43	1580	1.5	< 2	0.63	< 0.5	10	77	37	2.72	1.53	0.83
NM-97 S-148	201	202	< 5	< 0.2	5.15	1150	0.5	< 2	0.72	0.5	12	58	23	2.48	1.17	0.62
NM-97 S-149	201	202	< 5	< 0.2	4.94	1280	0.5	< 2	0.53	< 0.5	7	60	15	2.35	1.16	0.60
NM-97 S-150	201	202	< 5	< 0.2	4.96	1950	1.5	< 2	1.23	2.0	10	80	47	2.53	1.55	0.91

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 16-JUL-97
Invoice No. : I9730706
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9730706

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
NM-97 S-124	201 202	390	1	1.32	18	1170	12	196	0.35	112	< 10	106
NM-97 S-125	201 202	405	1	1.07	13	530	6	119	0.28	89	< 10	70
NM-97 S-126	201 202	215	1	0.87	25	790	10	97	0.28	120	< 10	72
NM-97 S-127	201 202	440	2	1.15	41	950	14	192	0.29	140	< 10	126
NM-97 S-128	201 202	4330	2	0.55	33	720	4	206	0.10	40	< 10	62
NM-97 S-129	201 202	525	3	0.99	52	810	16	148	0.36	154	< 10	132
NM-97 S-130	201 202	440	5	0.83	53	970	20	136	0.35	191	< 10	168
NM-97 S-131	201 202	780	4	1.00	38	960	14	201	0.26	118	< 10	110
NM-97 S-132	201 202	885	4	1.46	33	1150	10	342	0.21	84	< 10	106
NM-97 S-133	201 202	505	3	0.70	45	750	14	148	0.26	157	< 10	142
NM-97 S-134	201 202	300	2	1.43	26	670	12	173	0.24	71	< 10	84
NM-97 S-135	201 202	410	2	1.50	11	700	10	223	0.36	83	< 10	60
NM-97 S-136	201 202	400	1	1.52	16	840	12	226	0.38	82	< 10	66
NM-97 S-137	201 202	675	3	1.37	24	900	12	202	0.56	112	< 10	98
NM-97 S-138	201 202	490	3	1.78	11	720	8	263	0.42	93	< 10	82
NM-97 S-139	201 202	380	1	1.49	25	600	12	174	0.38	91	< 10	50
NM-97 S-140	201 202	440	1	1.43	17	730	14	243	0.30	75	< 10	72
NM-97 S-141	201 202	535	2	0.67	111	510	10	119	0.26	168	< 10	142
NM-97 S-142	201 202	270	1	1.08	23	390	10	199	0.25	111	< 10	70
NM-97 S-143	201 202	870	1	0.94	299	780	8	227	0.15	90	< 10	146
NM-97 S-144	201 202	835	2	0.48	70	950	8	200	0.06	22	< 10	50
NM-97 S-145	201 202	380	3	0.56	55	900	4	105	0.22	141	< 10	108
NM-97 S-146	201 202	330	2	1.03	35	450	2	191	0.19	110	< 10	84
NM-97 S-147	201 202	410	4	0.79	58	710	4	136	0.21	171	< 10	126
NM-97 S-148	201 202	775	3	1.01	24	360	< 2	179	0.29	123	< 10	202
NM-97 S-149	201 202	200	4	0.80	29	280	4	130	0.21	128	< 10	78
NM-97 S-150	201 202	410	3	0.46	74	990	8	103	0.21	181	< 10	196

CERTIFICATION: Ian Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

A9730794

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9730794

(EIA) - EQUITY ENGINEERING LTD.

Project: EXR97-01
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 27-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	8	Geochem ring to approx 150 mesh
226	8	0-3 Kg crush and split
3202	8	Rock - save entire reject
285	8	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	8	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
3551	1	Ba %: XRF	XRF	0.1	100.0
578	8	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	8	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	8	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	8	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	8	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	8	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	8	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	8	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	8	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	8	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	8	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	8	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	8	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	8	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	8	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	8	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	8	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	8	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	8	Pb ppm: 24 element, rock & core	AAS	2	10000
582	8	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	8	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	8	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	8	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	8	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

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

Project : EXR97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :1-A
Total Pages :1
Certificate Date: 27-JUL-97
Invoice No. :I9730794
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730794

SAMPLE	PREP CODE		Au ppb FA+AA	Ba XRF %	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)
108482	205	226	< 5	-----	< 0.2	6.33	70	< 0.5	< 2	11.25	< 0.5	28	380	121	4.04	0.13
108483	205	226	< 5	-----	< 0.2	6.37	70	0.5	< 2	11.20	< 0.5	32	234	298	5.90	0.07
108484	205	226	< 5	-----	< 0.2	0.97	70	< 0.5	< 2	10.10	< 0.5	55	1040	5	3.64	0.01
108485	205	226	< 5	0.9	< 0.2	0.16	1000	< 0.5	< 2	2.81	< 0.5	76	859	16	3.31	0.03
108486	205	226	< 5	-----	< 0.2	2.50	3300	0.5	< 2	0.07	0.5	9	83	13	1.96	0.98
108487	205	226	< 5	-----	< 0.2	2.34	8880	0.5	< 2	0.01	1.0	9	104	121	8.44	0.93
108488	205	226	< 5	-----	1.0	0.53	90	< 0.5	< 2	21.2	< 0.5	< 1	< 1	< 1	3.47	0.23
108531	205	226	< 5	-----	< 0.2	0.80	200	< 0.5	< 2	5.48	< 0.5	1	345	14	0.65	0.44

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :1-B
Total Pages :1
Certificate Date: 27-JUL-97
Invoice No. :19730794
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730794

SAMPLE	PREP CODE		Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)		
108482	205	226	5.00	1060	3	1.23	86	70	< 2	171	0.11	185	< 10	42		
108483	205	226	4.09	1130	4	0.66	52	1940	6	528	0.56	271	< 10	88		
108484	205	226	7.28	1045	< 1	< 0.01	786	100	< 2	162	0.02	69	< 10	44		
108485	205	226	10.25	610	< 1	0.01	1370	90	< 2	119	< 0.01	11	< 10	34		
108486	205	226	0.69	720	1	0.07	38	220	< 2	180	0.11	51	< 10	34		
108487	205	226	0.22	280	7	0.01	76	1480	< 2	39	0.10	61	< 10	256		
108488	205	226	10.35	3550	< 1	< 0.01	6	110	380	550	0.01	6	10	24		
108531	205	226	0.97	290	1	< 0.01	13	990	8	116	0.02	36	< 10	14		

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

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

A9730795

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9730795

(EIA) - EQUITY ENGINEERING LTD.

Project: EXR97-01
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 29-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	6	Geochem ring to approx 150 mesh
226	6	0-3 Kg crush and split
3202	6	Rock - save entire reject
285	6	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	6	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
3551	6	Ba %: XRF	XRF	0.1	100.0
578	6	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	6	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	6	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	6	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	6	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	6	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	6	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	6	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	6	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	6	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	6	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	6	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	6	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	6	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	6	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	6	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	6	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	6	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	6	Pb ppm: 24 element, rock & core	AAS	2	10000
582	6	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	6	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	6	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	6	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	6	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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To: EQUITY ENGINEERING LTD.

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

Project : EXR97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number : 1-A
Total Pages : 1
Certificate Date: 29-JUL-97
Invoice No. : I9730795
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9730795

SAMPLE	PREP CODE		Au ppb FA+AA	Ba XRF %	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)
108522	205	226	< 5	0.2	< 0.2	5.16	2780	0.5	< 2	1.89	< 0.5	6	63	15	2.15	1.04
108523	205	226	< 5	1.1	< 0.2	0.76	3320	< 0.5	< 2	0.03	0.5	3	154	10	0.65	0.29
108524	205	226	< 5	17.3	< 0.2	1.78	3240	0.5	< 2	0.05	< 0.5	3	58	5	1.34	0.68
108525	205	226	< 5	9.4	< 0.2	2.09	4420	0.5	< 2	0.06	0.5	3	112	13	1.26	0.83
108526	205	226	< 5	14.9	< 0.2	1.03	4320	< 0.5	< 2	0.01	0.5	10	28	48	2.30	0.37
108527	205	226	95	0.4	< 0.2	3.38	7110	0.5	< 2	0.04	0.5	6	168	1835	4.90	1.01

CERTIFICATION:

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :1-B
Total Pages :1
Certificate Date: 29-JUL-97
Invoice No. :I9730795
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9730795

SAMPLE	PREP CODE		Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)		
108522	205	226	0.70	620	2	1.51	7	540	< 2	236	0.23	63	< 10	46		
108523	205	226	0.09	520	1	0.01	8	110	< 2	145	0.04	27	< 10	12		
108524	205	226	0.32	145	2	0.03	26	200	< 2	802	0.08	47	< 10	46		
108525	205	226	0.28	80	1	0.10	24	300	< 2	609	0.10	60	< 10	38		
108526	205	226	0.08	3470	8	0.01	17	340	6	567	0.05	39	< 10	118		
108527	205	226	0.21	385	9	0.06	22	2000	48	262	0.12	150	< 10	64		

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

A9731125

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9731125

(EIA) - EQUITY ENGINEERING LTD.

Project: EXR97-01
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	3	Geochem ring to approx 150 mesh
226	3	0-3 Kg crush and split
3202	3	Rock - save entire reject
285	3	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	3	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	3	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	3	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	3	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	3	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	3	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	3	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	3	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	3	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	3	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	3	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	3	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	3	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	3	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	3	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	3	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	3	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	3	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	3	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	3	Pb ppm: 24 element, rock & core	AAS	2	10000
582	3	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	3	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	3	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	3	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	3	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

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

Project : EXR97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :1-A
Total Pages :1
Certificate Date: 15-JUL-97
Invoice No. :I9731125
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9731125

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
108528	205 226	< 5	< 0.2	0.99	1780	< 0.5	< 2	0.01	< 0.5	< 1	113	5	0.45	0.50	0.12
108529	205 226	< 5	< 0.2	5.63	300	0.5	< 2	1.53	< 0.5	< 1	93	8	2.41	0.20	0.48
108530	205 226	< 5	< 0.2	7.35	1420	1.0	< 2	4.69	< 0.5	31	375	140	4.82	1.26	4.26

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number : 1-B
Total Pages : 1
Certificate Date: 15-JUL-97
Invoice No. : I9731125
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9731125

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
108528	205 226	60	< 1	0.01	7	60	< 2	10	0.05	23	< 10	14
108529	205 226	535	1	3.22	4	230	< 2	46	0.17	23	< 10	56
108530	205 226	865	2	2.50	160	1310	< 2	68	0.84	264	< 10	58

CERTIFICATION: Ian Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: EQUITY ENGINEERING LTD.

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

A9731126

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9731126

(EIA) - EQUITY ENGINEERING LTD.

Project: EXR97-01
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 16-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	3	Pulp; prepped on other workorder

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
902	3	Al2O3 %: XRF	XRF	0.01	100.00
906	3	CaO %: XRF	XRF	0.01	100.00
2590	3	Cr2O3 %: XRF	XRF	0.01	100.00
903	3	Fe2O3 %: XRF	XRF	0.01	100.00
908	3	K2O %: XRF	XRF	0.01	100.00
905	3	MgO %: XRF	XRF	0.01	100.00
1989	3	MnO %: XRF	XRF	0.01	100.00
907	3	Na2O %: XRF	XRF	0.01	100.00
909	3	P2O5 %: XRF	XRF	0.01	100.00
901	3	SiO2 %: XRF	XRF	0.01	100.00
904	3	TiO2 %: XRF	XRF	0.01	100.00
910	3	LOI %: XRF	XRF	0.01	100.00
2540	3	Total %	CALCULATION	0.01	105.00
2891	3	Ba ppm: XRF	XRF	5	50000
2067	3	Rb ppm: XRF	XRF	2	50000
2898	3	Sr ppm: XRF	XRF	2	50000
2973	3	Nb ppm: XRF	XRF	2	50000
2978	3	Zr ppm: XRF	XRF	3	50000
2974	3	Y ppm: XRF	XRF	2	50000

Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: EQUITY ENGINEERING LTD.

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

Project : EXR97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :1
Total Pages :1
Certificate Date: 16-JUL-97
Invoice No. : I9731126
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9731126

SAMPLE	PREP CODE		Al2O3 % XRF	CaO % XRF	Cr2O3 % XRF	Fe2O3 % XRF	K2O % XRF	MgO % XRF	MnO % XRF	Na2O % XRF	P2O5 % XRF	SiO2 % XRF	TiO2 % XRF	LOI % XRF	TOTAL %	Ba ppm	Rb ppm	Sr ppm	Nb ppm	Zr ppm	Y ppm
108528	299	--	2.07	0.05	< 0.01	0.60	0.68	0.18	0.01	< 0.01	0.01	94.64	0.11	0.70	99.05	1625	28	12	6	33	14
108529	299	--	10.72	2.17	< 0.01	3.79	0.27	0.85	0.09	4.64	0.07	72.93	0.33	2.70	98.56	285	6	52	8	84	34
108530	299	--	14.00	7.01	0.01	8.08	1.64	7.47	0.13	3.35	0.30	47.38	1.50	8.43	99.30	1470	46	78	44	99	32

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: EQUITY ENGINEERING LTD.

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

A9734630

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9734630

(EIA) - EQUITY ENGINEERING LTD.

Project: EXR-97-01
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 4-AUG-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	175	Dry, sieve to -80 mesh
202	175	save reject
285	175	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	175	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	175	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	175	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	175	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	175	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	175	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	175	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	175	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	175	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	175	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	175	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	175	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	175	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	175	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	175	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	175	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	175	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	175	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	175	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	175	Pb ppm: 24 element, rock & core	AAS	2	10000
582	175	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	175	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	175	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	175	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	175	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :1-A
Total Pages :5
Certificate Date: 04-AUG-97
Invoice No. :19734630
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9734630

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
CH-97-S 162	201 202	5	< 0.2	4.46	1400	1.5	< 2	0.67	0.5	8	66	16	1.95	1.46	0.71
CH-97-S 163	201 202	< 5	< 0.2	3.90	1160	1.0	< 2	0.86	< 0.5	2	55	9	1.71	1.31	0.56
CH-97-S 164	201 202	< 5	< 0.2	4.26	1330	1.0	< 2	1.22	0.5	7	58	33	1.94	1.31	0.61
CH-97-S 165	201 202	< 5	< 0.2	4.71	1630	1.5	< 2	0.64	0.5	15	76	41	4.03	1.41	0.74
CH-97-S 166	201 202	< 5	< 0.2	4.26	1370	1.0	< 2	0.47	0.5	11	71	28	2.66	1.26	0.69
CH-97-S 167	201 202	< 5	< 0.2	0.72	620	< 0.5	< 2	4.27	1.5	8	7	15	0.32	0.18	0.46
CH-97-S 168	201 202	< 5	< 0.2	5.88	780	0.5	< 2	2.70	< 0.5	3	7	19	1.29	1.67	0.57
CH-97-S 169	201 202	< 5	< 0.2	4.69	1380	1.0	< 2	1.16	0.5	7	61	26	2.12	1.52	0.74
CH-97-S 170	201 202	< 5	< 0.2	4.39	1430	1.0	< 2	0.80	< 0.5	7	69	19	2.22	1.43	0.73
CH-97-S 171	201 202	< 5	< 0.2	5.84	1240	1.5	< 2	1.58	0.5	8	53	37	2.38	1.71	0.75
CH-97-S 172	201 202	10	< 0.2	4.93	1480	1.5	< 2	2.70	1.5	11	69	45	2.84	1.60	1.04
CH-97-S 173	201 202	< 5	< 0.2	4.90	1440	1.5	< 2	2.76	1.5	13	72	48	2.85	1.54	1.07
CH-97-S 174	201 202	< 5	< 0.2	5.18	1490	1.5	< 2	0.82	0.5	10	73	36	2.74	1.52	0.77
CH-97-S 175	201 202	< 5	< 0.2	5.37	1520	1.5	< 2	0.87	0.5	11	84	38	2.83	1.57	0.79
CH-97-S 176	201 202	< 5	< 0.2	5.46	1530	1.5	< 2	0.56	0.5	8	77	40	2.85	1.70	0.82
CH-97-S 177	201 202	< 5	< 0.2	5.95	1540	1.5	< 2	0.54	< 0.5	10	86	41	3.14	1.70	0.82
CH-97-S 178	201 202	< 5	< 0.2	6.56	1320	2.0	< 2	0.63	0.5	15	82	42	3.41	1.89	0.84
CH-97-S 179	201 202	< 5	< 0.2	6.23	1370	1.5	< 2	0.67	0.5	15	85	45	3.20	1.82	0.88
CH-97-S 180	201 202	< 5	< 0.2	5.53	1470	1.5	< 2	0.57	< 0.5	9	75	40	2.82	1.61	0.78
CH-97-S 181	201 202	< 5	< 0.2	5.48	1410	1.5	< 2	1.04	0.5	9	77	39	2.90	1.62	0.81
CH-97-S 182	201 202	< 5	< 0.2	5.34	1340	1.5	< 2	0.88	0.5	11	68	40	2.60	1.60	0.75
CH-97-S 183	201 202	< 5	< 0.2	5.06	1220	1.0	< 2	1.21	0.5	7	55	46	2.24	1.48	0.74
CH-97-S 184	201 202	< 5	< 0.2	5.68	1180	1.0	2	2.30	0.5	9	45	38	2.36	1.72	0.81
CH-97-S 185	201 202	< 5	< 0.2	4.17	1620	1.5	< 2	0.77	1.5	16	88	48	2.51	1.43	0.72
CH-97-S 186	201 202	< 5	< 0.2	4.53	1150	0.5	< 2	0.30	< 0.5	3	67	12	1.61	1.38	0.45
CH-97-S 187	201 202	< 5	< 0.2	5.25	1410	1.0	< 2	0.61	0.5	3	60	24	1.91	1.58	0.57
CH-97-S 188	201 202	< 5	< 0.2	3.84	1220	1.0	< 2	0.74	< 0.5	6	56	19	1.91	1.32	0.59
CH-97-S 189	201 202	50	< 0.2	5.40	1310	1.0	< 2	1.25	0.5	8	44	24	1.80	1.70	0.61
CH-97-S 190	201 202	10	< 0.2	3.92	1550	1.0	< 2	0.45	0.5	7	64	31	2.15	1.38	0.67
CH-97-S 191	201 202	< 5	< 0.2	5.15	1020	0.5	< 2	2.19	0.5	7	18	32	1.60	1.46	0.53
CH-97-S 192	201 202	< 5	< 0.2	4.55	1390	1.0	< 2	0.67	0.5	6	75	14	2.22	1.54	0.82
CH-97-S 193	201 202	< 5	< 0.2	4.02	1440	1.0	2	0.81	1.0	5	56	44	1.78	1.38	0.67
CH-97-S 194	201 202	< 5	< 0.2	4.63	1550	1.5	< 2	1.33	1.0	6	67	74	2.24	1.48	0.71
CH-97-S 195	201 202	< 5	< 0.2	4.48	990	0.5	< 2	1.62	0.5	6	37	26	1.48	1.33	0.56
CH-97-S 196	201 202	< 5	< 0.2	0.64	410	< 0.5	< 2	3.07	4.5	31	7	50	1.82	0.14	0.41
CH-97-S 197	201 202	< 5	< 0.2	5.38	1430	1.5	< 2	1.49	1.5	9	59	68	2.86	1.52	0.73
CH-97-S 198	201 202	< 5	< 0.2	5.52	1430	1.5	2	1.03	1.0	8	65	42	2.38	1.67	0.75
CH-97-S 199	201 202	< 5	< 0.2	5.75	1480	1.5	< 2	1.56	1.5	5	61	80	2.35	1.67	0.77
CH-97-S 200	201 202	< 5	< 0.2	5.05	1360	1.5	< 2	1.21	0.5	6	56	36	2.05	1.60	0.69
CH-97-S 201	201 202	< 5	< 0.2	4.36	1480	1.0	< 2	0.91	0.5	9	92	24	2.25	1.39	1.08

CERTIFICATION: Stewart Buchler

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :1-B
Total Pages :5
Certificate Date: 04-AUG-97
Invoice No. :I9734630
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9734630

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
CH-97-S 162	201	202	335	< 1	0.60	31	850	6	103	0.25	127	< 10	100			
CH-97-S 163	201	202	145	< 1	0.59	17	700	< 2	118	0.23	110	< 10	46			
CH-97-S 164	201	202	340	< 1	0.63	25	580	6	138	0.22	117	< 10	52			
CH-97-S 165	201	202	1245	< 1	0.49	58	1080	16	96	0.22	126	< 10	132			
CH-97-S 166	201	202	415	< 1	0.37	39	440	6	70	0.24	131	< 10	98			
CH-97-S 167	201	202	8160	8	0.20	16	1040	< 2	273	0.02	9	< 10	92			
CH-97-S 168	201	202	330	< 1	2.33	5	530	< 2	525	0.16	31	< 10	42			
CH-97-S 169	201	202	255	< 1	0.84	35	880	2	182	0.21	109	< 10	94			
CH-97-S 170	201	202	295	< 1	0.44	31	750	< 2	106	0.22	128	< 10	90			
CH-97-S 171	201	202	490	1	1.37	31	880	6	298	0.21	98	< 10	92			
CH-97-S 172	201	202	430	< 1	0.51	47	1140	8	165	0.24	131	< 10	150			
CH-97-S 173	201	202	475	< 1	0.52	51	1050	12	156	0.24	129	< 10	178			
CH-97-S 174	201	202	420	< 1	0.58	41	890	6	102	0.23	129	< 10	98			
CH-97-S 175	201	202	470	< 1	0.52	45	960	6	99	0.24	134	< 10	96			
CH-97-S 176	201	202	295	< 1	0.63	42	1050	4	97	0.25	140	< 10	128			
CH-97-S 177	201	202	410	< 1	0.62	49	770	6	91	0.30	141	< 10	108			
CH-97-S 178	201	202	500	< 1	0.81	44	900	16	129	0.29	122	< 10	110			
CH-97-S 179	201	202	435	< 1	0.72	48	910	18	104	0.25	137	< 10	104			
CH-97-S 180	201	202	410	< 1	0.65	41	830	12	103	0.24	133	< 10	104			
CH-97-S 181	201	202	410	< 1	0.64	33	810	16	126	0.21	136	< 10	104			
CH-97-S 182	201	202	475	< 1	0.71	41	880	10	133	0.20	120	< 10	110			
CH-97-S 183	201	202	440	< 1	1.00	35	870	8	207	0.22	110	< 10	98			
CH-97-S 184	201	202	390	< 1	1.40	31	860	8	301	0.21	88	< 10	102			
CH-97-S 185	201	202	320	< 1	0.26	56	740	14	76	0.30	151	< 10	116			
CH-97-S 186	201	202	175	1	0.57	15	270	6	93	0.29	145	< 10	54			
CH-97-S 187	201	202	245	< 1	1.01	18	750	6	172	0.25	142	< 10	84			
CH-97-S 188	201	202	265	< 1	0.53	28	710	6	106	0.19	114	< 10	84			
CH-97-S 189	201	202	480	< 1	1.40	21	640	8	282	0.21	101	< 10	84			
CH-97-S 190	201	202	240	1	0.38	42	930	8	72	0.21	140	< 10	116			
CH-97-S 191	201	202	1075	1	1.76	18	730	6	402	0.15	48	< 10	44			
CH-97-S 192	201	202	265	< 1	0.57	30	830	8	94	0.26	141	< 10	94			
CH-97-S 193	201	202	195	< 1	0.61	35	970	6	130	0.21	115	< 10	102			
CH-97-S 194	201	202	420	< 1	0.64	52	840	6	154	0.20	133	< 10	92			
CH-97-S 195	201	202	310	< 1	1.14	21	730	6	274	0.16	76	< 10	48			
CH-97-S 196	201	202	>10000	6	0.12	62	1200	< 2	162	0.01	13	< 10	246			
CH-97-S 197	201	202	460	< 1	0.97	48	980	8	214	0.20	121	< 10	90			
CH-97-S 198	201	202	460	< 1	0.97	39	860	8	180	0.22	124	< 10	108			
CH-97-S 199	201	202	320	< 1	1.10	48	850	8	242	0.20	125	< 10	96			
CH-97-S 200	201	202	315	< 1	0.96	31	1030	8	193	0.21	115	< 10	86			
CH-97-S 201	201	202	400	< 1	0.53	53	1180	6	110	0.21	132	< 10	112			

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 04-AUG-97
Invoice No. :I9734630
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9734630

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
CH-97-S 202	201 202	< 5	< 0.2	6.48	1590	2.0	< 2	0.64	0.5	15	108	37	3.26	2.04	1.08
CH-97-S 203	201 202	< 5	< 0.2	5.31	1410	1.5	< 2	0.62	1.0	12	87	34	2.61	1.56	0.88
CH-97-S 204	201 202	< 5	< 0.2	5.15	1310	1.0	< 2	1.24	0.5	8	54	32	2.10	1.57	0.74
CH-97-S 205	201 202	< 5	1.0	5.55	1270	1.5	< 2	1.72	6.0	8	38	68	2.08	1.55	0.69
CH-97-S 206	201 202	< 5	< 0.2	4.06	1480	1.0	< 2	0.48	1.0	8	67	34	2.61	1.31	0.58
CH-97-S 207	201 202	< 5	< 0.2	4.00	1150	0.5	< 2	2.51	0.5	10	13	39	1.82	1.12	0.58
CH-97-S 208	201 202	< 5	< 0.2	4.88	1370	1.0	< 2	0.88	0.5	6	49	24	2.16	1.44	0.59
CH-97-S 209	201 202	< 5	< 0.2	4.92	1250	1.0	< 2	2.08	0.5	4	55	41	1.34	1.48	0.71
CH-97-S 210	201 202	< 5	< 0.2	4.84	1260	1.5	< 2	1.29	1.0	9	80	32	2.38	1.46	0.93
CH-97-S 211	201 202	< 5	< 0.2	5.79	1620	1.5	< 2	1.03	0.5	14	101	38	2.96	1.89	1.10
CH-97-S 212	201 202	< 5	< 0.2	4.65	1490	1.5	< 2	1.12	1.0	12	92	34	2.61	1.49	1.11
CH-97-S 213	201 202	< 5	< 0.2	4.66	1400	1.5	2	1.24	0.5	12	83	42	2.43	1.56	0.89
CH-97-S 214	201 202	< 5	< 0.2	4.09	1350	1.0	< 2	0.90	1.0	10	86	25	2.21	1.31	1.01
CH-97-S 215	201 202	< 5	< 0.2	4.99	940	1.0	< 2	1.97	1.0	5	23	33	1.63	1.49	0.57
CH-97-S 216	201 202	< 5	< 0.2	5.10	1190	1.0	< 2	2.14	0.5	6	41	47	2.09	1.53	0.67
CH-97-S 217	201 202	< 5	< 0.2	3.06	1090	1.0	< 2	2.27	1.5	5	38	134	1.30	0.87	0.56
CH-97-S 218	201 202	< 5	< 0.2	4.32	1090	1.0	< 2	0.73	0.5	4	48	24	1.68	1.35	0.56
CH-97-S 219	201 202	< 5	< 0.2	4.41	1470	1.0	< 2	0.83	1.5	7	61	36	1.91	1.43	0.70
CH-97-S 220	201 202	< 5	< 0.2	5.82	730	0.5	< 2	1.90	< 0.5	1	5	17	1.19	1.70	0.54
CH-97-S 221	201 202	< 5	< 0.2	3.15	930	0.5	< 2	2.01	2.5	45	11	35	2.55	0.76	0.47
CH-97-S 222	201 202	< 5	< 0.2	5.61	940	1.0	< 2	1.76	0.5	10	26	20	1.97	1.52	0.63
CH-97-S 223	201 202	< 5	< 0.2	6.37	950	1.0	< 2	1.97	< 0.5	14	17	24	1.83	1.80	0.63
CH-97-S 224	201 202	< 5	< 0.2	6.19	970	1.0	< 2	1.88	< 0.5	3	25	23	1.78	1.70	0.65
CH-97-S 225	201 202	< 5	< 0.2	6.14	920	1.0	< 2	1.93	0.5	8	20	18	1.92	1.74	0.64
CH-97-S 226	201 202	< 5	< 0.2	5.12	880	0.5	< 2	2.21	0.5	6	14	27	1.45	1.45	0.58
CH-97-S 227	201 202	< 5	< 0.2	4.92	970	0.5	< 2	1.65	0.5	9	33	22	1.84	1.39	0.65
CH-97-S 228	201 202	< 5	< 0.2	3.93	750	0.5	< 2	2.14	0.5	25	8	17	2.27	1.16	0.47
CH-97-S 229	201 202	< 5	< 0.2	1.31	600	< 0.5	< 2	2.94	1.0	9	8	19	0.62	0.31	0.52
CH-97-S 230	201 202	< 5	< 0.2	6.75	990	1.0	2	1.87	< 0.5	4	21	19	1.62	1.98	0.64
CH-97-S 231	201 202	< 5	< 0.2	6.13	1000	1.0	< 2	2.14	0.5	4	18	30	1.58	1.73	0.66
CH-97-S 232	201 202	< 5	< 0.2	4.89	1450	1.5	< 2	0.89	0.5	8	75	28	2.66	1.43	0.89
CH-97-S 233	201 202	< 5	< 0.2	5.56	1360	1.5	< 2	1.18	0.5	8	69	28	2.75	1.57	0.93
CH-97-S 234	201 202	< 5	< 0.2	5.27	1300	1.5	< 2	1.04	< 0.5	7	68	23	2.55	1.45	0.85
CH-97-S 235	201 202	< 5	< 0.2	4.93	1170	1.0	< 2	1.50	0.5	5	53	19	1.86	1.38	0.78
CH-97-S 236	201 202	< 5	< 0.2	3.05	600	0.5	< 2	2.62	3.5	3	10	35	0.88	0.89	0.63
CH-97-S 237	201 202	< 5	< 0.2	7.35	950	1.0	< 2	1.98	0.5	3	10	17	1.66	2.23	0.62
CH-97-S 238	201 202	< 5	0.8	5.22	1420	1.0	< 2	1.23	1.5	8	48	43	2.14	1.40	0.56
CH-97-S 239	201 202	< 5	< 0.2	4.83	1450	1.0	< 2	0.97	0.5	5	65	22	2.36	1.30	0.67
CH-97-S 240	201 202	< 5	2.2	5.81	1520	1.5	< 2	1.12	0.5	6	62	24	2.44	1.71	0.80
CH-97-S 241	201 202	< 5	0.6	5.50	1430	1.5	< 2	1.07	1.0	11	79	26	2.31	1.59	0.86

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Project : EXR-97-01
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Page Number :2-B
Total Pages :5
Certificate Date: 04-AUG-97
Invoice No. :I9734630
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CERTIFICATE OF ANALYSIS A9734630

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
CH-97-S 202	201	202	875	< 1	0.55	64	590	10	105	0.26	187	10	134			
CH-97-S 203	201	202	625	1	0.46	55	680	8	92	0.21	153	< 10	110			
CH-97-S 204	201	202	495	< 1	1.07	32	790	8	228	0.21	109	< 10	98			
CH-97-S 205	201	202	665	< 1	1.70	61	740	6	353	0.18	80	< 10	180			
CH-97-S 206	201	202	355	2	0.36	42	1400	10	84	0.18	157	< 10	160			
CH-97-S 207	201	202	1285	1	1.41	24	770	4	396	0.11	34	< 10	36			
CH-97-S 208	201	202	360	< 1	1.03	27	730	8	209	0.19	113	< 10	110			
CH-97-S 209	201	202	320	< 1	0.90	28	570	10	224	0.18	105	< 10	80			
CH-97-S 210	201	202	525	< 1	0.49	52	760	8	123	0.15	130	< 10	106			
CH-97-S 211	201	202	790	< 1	0.51	68	870	10	113	0.21	164	< 10	134			
CH-97-S 212	201	202	615	< 1	0.55	64	1060	8	118	0.20	139	< 10	120			
CH-97-S 213	201	202	600	< 1	0.39	60	930	8	105	0.18	144	< 10	92			
CH-97-S 214	201	202	465	< 1	0.50	51	1100	6	107	0.19	123	< 10	102			
CH-97-S 215	201	202	915	< 1	1.69	17	760	4	365	0.16	60	< 10	66			
CH-97-S 216	201	202	550	1	1.26	32	770	6	293	0.16	92	< 10	102			
CH-97-S 217	201	202	975	< 1	0.48	58	890	6	172	0.13	75	< 10	44			
CH-97-S 218	201	202	265	< 1	0.87	21	570	6	165	0.18	105	< 10	74			
CH-97-S 219	201	202	420	< 1	0.66	31	890	8	115	0.22	124	< 10	96			
CH-97-S 220	201	202	290	< 1	2.41	6	430	4	496	0.16	27	< 10	44			
CH-97-S 221	201	202	5980	6	1.02	30	1190	< 2	303	0.09	34	< 10	46			
CH-97-S 222	201	202	1205	1	1.88	16	980	6	395	0.19	59	< 10	56			
CH-97-S 223	201	202	925	< 1	2.37	13	860	4	495	0.19	50	< 10	58			
CH-97-S 224	201	202	490	< 1	2.12	14	810	6	444	0.21	59	< 10	62			
CH-97-S 225	201	202	1260	1	2.26	13	830	6	471	0.21	53	< 10	68			
CH-97-S 226	201	202	765	1	1.89	19	810	2	419	0.15	36	< 10	44			
CH-97-S 227	201	202	590	2	1.47	21	1080	6	306	0.17	65	< 10	76			
CH-97-S 228	201	202	1505	5	1.51	14	1000	6	356	0.10	41	< 10	58			
CH-97-S 229	201	202	990	< 1	0.32	25	1020	< 2	193	0.04	13	< 10	84			
CH-97-S 230	201	202	345	< 1	2.49	11	800	6	509	0.21	57	< 10	60			
CH-97-S 231	201	202	650	< 1	2.27	21	740	6	492	0.20	50	< 10	60			
CH-97-S 232	201	202	445	< 1	0.65	40	1050	12	113	0.31	149	< 10	122			
CH-97-S 233	201	202	385	1	1.07	41	1150	10	201	0.31	137	< 10	134			
CH-97-S 234	201	202	455	< 1	0.90	33	830	8	169	0.29	136	< 10	112			
CH-97-S 235	201	202	740	< 1	1.02	27	570	8	211	0.24	102	< 10	86			
CH-97-S 236	201	202	455	< 1	1.04	24	960	2	305	0.10	29	< 10	92			
CH-97-S 237	201	202	390	< 1	3.11	7	280	6	605	0.22	45	< 10	62			
CH-97-S 238	201	202	655	< 1	1.29	41	850	10	239	0.23	103	< 10	176			
CH-97-S 239	201	202	260	1	0.74	31	760	10	140	0.25	128	< 10	136			
CH-97-S 240	201	202	385	< 1	1.22	37	570	10	229	0.29	126	< 10	154			
CH-97-S 241	201	202	400	< 1	0.87	41	740	14	156	0.33	147	< 10	284			

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CERTIFICATE OF ANALYSIS A9734630

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
CH-97-S 242	201	202	< 5	< 0.2	5.38	1630	1.5	< 2	0.65	0.5	9	69	29	2.56	1.80	0.73
CH-97-S 243	201	202	< 5	< 0.2	4.73	1390	1.0	< 2	0.60	0.5	11	71	18	2.34	1.43	0.65
CH-97-S 244	201	202	< 5	0.4	5.62	1580	1.5	< 2	0.78	0.5	12	101	43	2.85	1.88	0.91
CH-97-S 245	201	202	< 5	0.4	5.75	1330	1.5	< 2	1.09	1.0	10	64	41	2.37	1.74	0.76
CH-97-S 246	201	202	< 5	0.4	5.01	1350	1.5	< 2	0.68	0.5	11	89	24	2.64	1.56	0.84
CH-97-S 247	201	202	< 5	< 0.2	7.44	990	1.5	< 2	1.94	< 0.5	5	13	25	1.90	2.28	0.63
CH-97-S 248	201	202	< 5	< 0.2	5.76	1360	1.5	< 2	1.13	1.0	7	71	32	2.52	1.83	0.76
CH-97-S 249	201	202	< 5	0.2	4.92	1510	1.5	2	0.75	< 0.5	9	85	85	2.28	1.38	0.72
CH-97-S 250	201	202	< 5	1.8	5.64	1480	1.5	< 2	1.41	4.0	14	63	96	2.65	1.74	0.73
CH-97-S 251	201	202	< 5	< 0.2	5.19	1290	1.0	< 2	0.57	0.5	8	84	22	2.70	1.44	0.72
CH-97-S 252	201	202	< 5	< 0.2	7.04	1280	1.5	< 2	1.29	0.5	8	39	24	2.29	2.14	0.67
CH-97-S 253	201	202	< 5	< 0.2	5.58	1540	1.5	< 2	0.68	0.5	9	77	24	2.83	1.68	0.78
CH-97-S 254	201	202	< 5	< 0.2	5.54	1260	1.5	2	1.64	0.5	7	71	16	2.72	1.52	0.97
CH-97-S 255	201	202	< 5	< 0.2	5.35	1340	1.5	< 2	1.17	1.5	10	72	47	2.28	1.31	0.92
CH-97-S 256	201	202	< 5	< 0.2	4.63	780	0.5	< 2	2.52	< 0.5	4	23	20	1.32	1.38	0.67
CH-97-S 257	201	202	< 5	< 0.2	3.72	840	0.5	< 2	3.16	1.5	2	9	32	0.97	1.04	0.75
CH-97-S 258	201	202	< 5	< 0.2	4.62	1930	1.5	< 2	0.53	0.5	3	74	27	1.64	1.49	0.62
CH-97-S 259	201	202	< 5	< 0.2	4.80	1430	1.0	< 2	0.83	0.5	1	72	23	1.89	1.51	0.71
CH-97-S 260	201	202	< 5	< 0.2	5.25	1100	1.0	2	1.05	< 0.5	5	44	19	1.65	1.63	0.61
CH-97-S 261	201	202	< 5	< 0.2	4.49	1470	1.0	< 2	0.57	< 0.5	2	70	24	1.84	1.33	0.67
CH-97-S 262	201	202	< 5	< 0.2	5.60	1250	1.5	< 2	1.14	0.5	9	53	27	2.18	1.62	0.78
CH-97-S 263	201	202	< 5	< 0.2	5.59	1650	1.5	2	0.66	0.5	12	83	33	3.05	1.47	1.00
CH-97-S 264	201	202	< 5	< 0.2	5.04	1160	1.0	< 2	1.97	0.5	7	34	39	1.70	1.34	0.58
CH-97-S 265	201	202	< 5	< 0.2	2.03	650	< 0.5	< 2	2.09	0.5	5	9	24	0.90	0.51	0.38
CH-97-S 266	201	202	< 5	< 0.2	4.44	860	0.5	< 2	2.10	1.5	6	14	29	1.33	1.23	0.54
CH-97-S 267	201	202	< 5	< 0.2	5.09	1370	1.5	2	0.91	0.5	10	81	39	2.61	1.36	0.91
CH-97-S 268	201	202	< 5	< 0.2	7.39	1240	1.5	< 2	1.12	0.5	12	75	27	3.45	1.83	0.83
CH-97-S 269	201	202	< 5	< 0.2	1.64	570	0.5	< 2	1.93	1.0	15	12	21	1.40	0.41	0.37
CH-97-S 270	201	202	< 5	< 0.2	3.41	950	0.5	< 2	3.29	0.5	4	8	38	0.91	1.01	0.40
CH-97-S 271	201	202	< 5	< 0.2	5.31	1560	1.0	< 2	2.05	2.5	6	33	87	1.59	1.49	0.70
CH-97-S 272	201	202	< 5	< 0.2	5.10	1520	1.5	2	1.10	0.5	6	70	42	2.30	1.68	0.84
CH-97-S 273	201	202	< 5	< 0.2	2.94	1140	0.5	< 2	3.36	1.5	6	23	30	0.99	0.81	0.54
CH-97-S 274	201	202	< 5	< 0.2	3.94	900	0.5	2	2.85	< 0.5	5	9	22	1.93	1.13	0.41
CH-97-S 275	201	202	< 5	< 0.2	4.18	1170	1.0	< 2	0.48	< 0.5	5	59	11	1.66	1.43	0.67
CH-97-S 276	201	202	< 5	< 0.2	5.36	1130	1.0	< 2	1.00	0.5	5	53	19	1.91	1.65	0.69
CH-97-S 277	201	202	< 5	< 0.2	4.04	800	0.5	< 2	2.57	1.0	4	24	31	1.27	1.14	0.54
CH-97-S 278	201	202	< 5	< 0.2	3.21	890	0.5	< 2	0.36	< 0.5	2	44	11	1.38	0.98	0.49
CH-97-S 279	201	202	< 5	< 0.2	4.22	1110	1.0	< 2	0.58	< 0.5	3	52	14	1.60	1.41	0.66
CH-97-S 280	201	202	< 5	< 0.2	3.97	1290	1.0	< 2	0.68	0.5	6	62	20	1.53	1.34	0.80
CH-97-S 281	201	202	< 5	< 0.2	5.31	1470	1.5	< 2	1.31	0.5	13	83	28	2.78	1.54	0.93

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :3-B
Total Pages :5
Certificate Date: 04-AUG-97
Invoice No. :I9734630
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9734630

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
CH-97-S 242	201	202	425	< 1	0.75	38	600	12	137	0.29	155	< 10	122			
CH-97-S 243	201	202	420	< 1	0.78	30	240	8	126	0.31	133	< 10	124			
CH-97-S 244	201	202	810	1	0.86	57	730	10	158	0.30	205	< 10	156			
CH-97-S 245	201	202	445	1	1.34	40	390	10	269	0.26	153	< 10	152			
CH-97-S 246	201	202	600	< 1	0.77	40	600	10	104	0.32	180	< 10	178			
CH-97-S 247	201	202	420	< 1	3.08	10	430	6	610	0.22	51	< 10	82			
CH-97-S 248	201	202	440	1	1.20	34	530	8	255	0.28	225	< 10	126			
CH-97-S 249	201	202	395	< 1	0.62	48	320	10	109	0.33	183	< 10	138			
CH-97-S 250	201	202	905	7	1.26	75	980	14	289	0.25	196	< 10	358			
CH-97-S 251	201	202	375	< 1	0.79	33	340	8	120	0.36	145	< 10	104			
CH-97-S 252	201	202	530	< 1	2.16	22	360	8	413	0.28	97	< 10	112			
CH-97-S 253	201	202	475	< 1	0.81	35	590	10	136	0.35	154	< 10	158			
CH-97-S 254	201	202	635	< 1	0.91	33	510	10	221	0.34	136	< 10	98			
CH-97-S 255	201	202	805	< 1	0.69	51	500	8	175	0.28	147	< 10	168			
CH-97-S 256	201	202	320	1	1.44	12	740	2	409	0.16	62	< 10	58			
CH-97-S 257	201	202	505	< 1	1.38	20	610	4	483	0.12	35	< 10	88			
CH-97-S 258	201	202	165	5	0.42	26	720	10	93	0.27	231	< 10	68			
CH-97-S 259	201	202	135	6	0.53	23	860	10	109	0.29	163	< 10	74			
CH-97-S 260	201	202	360	7	1.44	14	610	6	290	0.27	100	< 10	56			
CH-97-S 261	201	202	130	1	0.59	27	870	8	94	0.29	137	< 10	74			
CH-97-S 262	201	202	835	1	1.34	34	830	8	275	0.24	109	< 10	86			
CH-97-S 263	201	202	350	< 1	0.71	72	900	12	109	0.34	147	< 10	120			
CH-97-S 264	201	202	705	< 1	1.25	40	980	6	319	0.16	70	< 10	68			
CH-97-S 265	201	202	1230	1	0.58	32	1160	< 2	224	0.05	18	< 10	54			
CH-97-S 266	201	202	1580	1	1.49	32	800	2	369	0.14	39	< 10	76			
CH-97-S 267	201	202	400	1	0.61	50	960	14	113	0.28	134	< 10	102			
CH-97-S 268	201	202	880	4	1.41	31	690	10	266	0.36	134	< 10	100			
CH-97-S 269	201	202	1900	5	0.40	22	1350	< 2	169	0.05	27	< 10	64			
CH-97-S 270	201	202	2890	5	1.29	25	680	2	365	0.09	21	< 10	34			
CH-97-S 271	201	202	505	< 1	1.55	49	950	6	367	0.20	65	< 10	134			
CH-97-S 272	201	202	520	< 1	0.66	44	930	8	151	0.28	153	< 10	108			
CH-97-S 273	201	202	1225	< 1	0.73	17	600	4	269	0.12	44	< 10	60			
CH-97-S 274	201	202	430	< 1	1.42	11	590	< 2	388	0.10	26	< 10	28			
CH-97-S 275	201	202	250	< 1	0.55	20	510	4	95	0.25	133	< 10	76			
CH-97-S 276	201	202	290	< 1	1.26	22	680	4	269	0.24	116	< 10	80			
CH-97-S 277	201	202	300	< 1	1.14	24	700	< 2	321	0.14	54	< 10	46			
CH-97-S 278	201	202	145	< 1	0.50	19	290	2	60	0.18	101	< 10	44			
CH-97-S 279	201	202	205	< 1	0.79	22	690	4	140	0.22	119	< 10	72			
CH-97-S 280	201	202	180	< 1	0.48	35	910	4	94	0.23	130	< 10	78			
CH-97-S 281	201	202	940	< 1	0.52	45	1010	8	135	0.25	146	< 10	90			

CERTIFICATION: Ian Bichler

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 : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 04-AUG-97
Invoice No. :19734630
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9734630

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
CH-97-S 282	201	202	< 5	< 0.2	4.12	1190	0.5	< 2	2.18	1.0	8	31	39	1.42	1.26	0.61
CH-97-S 283	201	202	< 5	< 0.2	6.67	1060	1.0	2	1.45	1.5	5	30	17	1.88	1.93	0.58
CH-97-S 284	201	202	< 5	< 0.2	1.77	510	< 0.5	< 2	3.25	1.0	3	16	22	0.68	0.46	0.43
CH-97-S 285	201	202	< 5	< 0.2	3.32	620	0.5	< 2	2.68	1.0	3	14	33	0.88	0.94	0.52
CH-97-S 286	201	202	< 5	< 0.2	5.26	960	1.0	< 2	1.94	0.5	11	51	32	2.36	1.56	0.76
CH-97-S 287	201	202	< 5	< 0.2	5.15	680	0.5	< 2	2.53	0.5	4	15	22	1.48	1.41	0.65
CH-97-S 288	201	202	< 5	< 0.2	1.83	440	< 0.5	< 2	3.12	0.5	3	15	24	0.65	0.49	0.52
CH-97-S 289	201	202	< 5	< 0.2	2.27	670	0.5	< 2	2.95	1.5	8	18	28	0.93	0.64	0.48
CH-97-S 290	201	202	< 5	< 0.2	6.46	1090	1.5	< 2	1.16	0.5	19	85	54	3.56	2.07	1.10
CH-97-S 291	201	202	< 5	< 0.2	6.24	1100	1.5	< 2	1.18	1.0	15	90	59	3.37	1.91	1.00
CH-97-S 292	201	202	< 5	< 0.2	3.65	660	0.5	< 2	2.25	0.5	6	38	36	1.68	1.13	0.59
CH-97-S 293	201	202	< 5	< 0.2	5.27	820	1.0	< 2	2.19	0.5	8	34	29	1.87	1.55	0.71
CH-97-S 294	201	202	< 5	< 0.2	3.41	660	0.5	< 2	2.03	0.5	4	37	30	1.34	1.07	0.54
CH-97-S 295	201	202	< 5	< 0.2	2.61	490	0.5	< 2	2.67	0.5	3	23	24	0.89	0.77	0.55
CH-97-S 296	201	202	< 5	< 0.2	0.73	350	< 0.5	< 2	2.91	< 0.5	1	8	10	0.29	0.23	0.32
CH-97-S 297	201	202	< 5	< 0.2	1.13	380	< 0.5	< 2	3.48	0.5	3	7	15	0.43	0.29	0.54
CH-97-S 298	201	202	< 5	< 0.2	0.37	200	< 0.5	< 2	3.54	0.5	< 1	6	16	0.15	0.10	0.40
CH-97-S 299	201	202	< 5	< 0.2	6.44	1150	1.5	< 2	1.77	0.5	11	61	42	2.79	2.15	0.91
CH-97-S 300	201	202	< 5	< 0.2	5.45	670	0.5	< 2	2.86	< 0.5	5	12	20	1.59	1.53	0.74
CH-97-S 301	201	202	< 5	< 0.2	1.25	310	< 0.5	< 2	2.21	0.5	1	10	17	0.54	0.37	0.42
CH-97-S 302	201	202	< 5	< 0.2	1.86	530	< 0.5	< 2	3.19	1.0	6	13	27	0.67	0.50	0.49
CH-97-S 303	201	202	< 5	< 0.2	5.36	1410	1.5	< 2	0.70	< 0.5	6	88	16	2.04	1.71	1.02
CH-97-S 304	201	202	< 5	1.2	5.19	2180	1.5	< 2	1.93	1.5	24	166	69	3.73	1.36	1.23
CH-97-S 305	201	202	< 5	< 0.2	5.09	1540	1.0	< 2	1.02	< 0.5	11	104	29	2.31	1.53	1.32
CH-97-S 306	201	202	< 5	0.6	6.47	1350	1.5	< 2	1.77	0.5	8	60	58	2.12	1.87	0.88
CH-97-S 307	201	202	< 5	0.4	3.99	1350	0.5	2	2.73	2.0	26	29	62	1.56	1.14	0.64
CH-97-S 308	201	202	< 5	< 0.2	4.47	1250	0.5	< 2	1.35	0.5	7	83	24	1.57	1.29	0.87
CH-97-S 309	201	202	< 5	< 0.2	5.91	1450	1.0	< 2	1.57	0.5	9	71	37	2.30	1.70	0.91
CH-97-S 310	201	202	< 5	< 0.2	6.06	1430	1.0	< 2	1.05	0.5	9	88	34	3.02	1.65	1.11
CH-97-S 311	201	202	< 5	< 0.2	5.21	1790	1.0	< 2	0.48	0.5	12	128	21	2.97	1.69	1.12
CH-97-S 312	201	202	< 5	< 0.2	4.39	1200	1.0	< 2	0.48	< 0.5	10	69	17	2.29	1.28	0.76
CH-97-S 313	201	202	< 5	< 0.2	4.67	1350	1.0	< 2	0.36	< 0.5	9	81	19	2.52	1.16	0.80
CH-97-S 314	201	202	< 5	< 0.2	5.22	1280	1.0	< 2	0.77	< 0.5	5	62	16	2.19	1.63	0.78
CH-97-S 315	201	202	< 5	< 0.2	6.69	1340	1.5	< 2	1.34	1.0	7	52	38	2.20	1.62	0.70
CH-97-S 316	201	202	< 5	< 0.2	5.54	1100	0.5	< 2	1.06	1.5	3	32	17	1.58	1.72	0.45
CH-97-S 317	201	202	< 5	< 0.2	4.41	1240	1.0	< 2	0.45	0.5	7	98	18	2.49	1.21	0.64
CH-97-S 318	201	202	< 5	< 0.2	5.27	910	0.5	< 2	2.51	0.5	3	26	28	1.55	1.50	0.68
CH-97-S 319	201	202	< 5	< 0.2	5.02	1220	1.0	< 2	0.70	< 0.5	8	73	25	2.31	1.31	0.74
CH-97-S 320	201	202	< 5	< 0.2	5.20	1270	0.5	< 2	0.61	0.5	6	61	17	2.52	1.43	0.61
CH-97-S 321	201	202	< 5	< 0.2	5.33	1110	0.5	< 2	2.23	1.0	4	32	19	1.44	1.59	0.66

CERTIFICATION: David Buchler

Chemex Labs Ltd.

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To: EQUITY ENGINEERING LTD.

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VANCOUVER, BC
V6B 1N2

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 04-AUG-97
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CH-97-S 282	201 202	2340	< 1	1.06	40	770	4	278	0.15	74	< 10	56
CH-97-S 283	201 202	455	< 1	1.98	12	320	6	434	0.24	75	< 10	100
CH-97-S 284	201 202	455	< 1	0.41	15	720	< 2	230	0.06	22	< 10	52
CH-97-S 285	201 202	615	< 1	0.99	19	690	4	304	0.09	29	< 10	74
CH-97-S 286	201 202	945	< 1	1.01	34	830	8	269	0.21	87	< 10	82
CH-97-S 287	201 202	265	< 1	1.74	12	560	4	469	0.18	49	< 10	58
CH-97-S 288	201 202	495	< 1	0.45	16	660	6	209	0.06	26	< 10	34
CH-97-S 289	201 202	3910	1	0.44	26	810	< 2	200	0.07	34	< 10	106
CH-97-S 290	201 202	570	< 1	0.91	53	890	10	164	0.26	131	< 10	114
CH-97-S 291	201 202	375	< 1	0.81	54	1080	10	151	0.25	137	< 10	110
CH-97-S 292	201 202	330	< 1	0.64	26	740	4	178	0.11	73	< 10	70
CH-97-S 293	201 202	785	< 1	1.41	20	900	4	337	0.15	80	< 10	80
CH-97-S 294	201 202	235	< 1	0.59	24	640	< 2	171	0.11	78	< 10	86
CH-97-S 295	201 202	155	< 1	0.57	17	550	6	192	0.08	44	< 10	42
CH-97-S 296	201 202	265	< 1	0.16	5	670	< 2	192	0.03	13	< 10	68
CH-97-S 297	201 202	2030	1	0.31	11	760	< 2	193	0.04	15	< 10	72
CH-97-S 298	201 202	170	< 1	0.06	6	630	< 2	150	0.01	8	< 10	32
CH-97-S 299	201 202	400	< 1	1.05	38	670	10	216	0.16	94	< 10	84
CH-97-S 300	201 202	370	< 1	2.05	8	660	< 2	495	0.19	48	< 10	56
CH-97-S 301	201 202	120	< 1	0.28	12	670	< 2	133	0.04	18	< 10	60
CH-97-S 302	201 202	1645	< 1	0.60	26	850	< 2	224	0.06	18	< 10	52
CH-97-S 303	201 202	380	< 1	1.08	45	370	4	171	0.32	123	< 10	126
CH-97-S 304	201 202	1215	< 1	0.94	235	1050	4	219	0.17	123	< 10	108
CH-97-S 305	201 202	425	< 1	1.00	85	470	8	171	0.28	121	< 10	96
CH-97-S 306	201 202	745	< 1	1.99	89	730	4	420	0.17	82	< 10	86
CH-97-S 307	201 202	2650	3	1.36	110	1070	4	346	0.11	34	< 10	54
CH-97-S 308	201 202	475	< 1	0.85	47	570	4	171	0.27	104	< 10	100
CH-97-S 309	201 202	520	< 1	1.49	57	680	6	290	0.26	115	< 10	118
CH-97-S 310	201 202	425	< 1	1.30	60	700	14	249	0.26	127	< 10	94
CH-97-S 311	201 202	450	< 1	0.57	58	450	10	73	0.34	140	< 10	84
CH-97-S 312	201 202	315	< 1	0.73	36	360	6	109	0.29	120	< 10	88
CH-97-S 313	201 202	340	< 1	0.64	38	270	10	71	0.33	141	< 10	114
CH-97-S 314	201 202	320	< 1	1.25	29	380	8	221	0.27	110	< 10	66
CH-97-S 315	201 202	475	1	2.05	43	570	8	396	0.25	92	< 10	116
CH-97-S 316	201 202	265	< 1	1.93	11	540	4	360	0.26	69	< 10	64
CH-97-S 317	201 202	345	< 1	0.71	36	460	8	123	0.34	124	< 10	96
CH-97-S 318	201 202	365	< 1	1.93	22	660	6	602	0.19	47	< 10	60
CH-97-S 319	201 202	425	< 1	0.78	27	460	6	173	0.30	130	< 10	110
CH-97-S 320	201 202	285	< 1	1.17	22	310	8	199	0.31	117	< 10	94
CH-97-S 321	201 202	420	< 1	1.88	17	560	4	532	0.20	57	< 10	72

CERTIFICATION: Peter H. Buchler

Chemex Labs Ltd.

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CH-97-S 322	201	202	< 5	< 0.2	4.69	1520	1.0	< 2	1.28	1.5	10	91	59	2.29	1.23	0.76
CH-97-S 323	201	202	< 5	0.2	4.59	1130	0.5	< 2	0.69	0.5	6	80	21	2.37	1.31	0.58
CH-97-S 324	201	202	< 5	1.6	4.76	1250	1.0	2	0.48	0.5	6	65	18	1.88	1.39	0.52
CH-97-S 325	201	202	< 5	< 0.2	4.35	1200	0.5	< 2	0.29	< 0.5	7	75	13	2.60	1.21	0.72
CH-97-S 326	201	202	< 5	1.2	5.81	1550	1.5	< 2	1.07	0.5	5	55	28	1.95	1.68	0.68
CH-97-S 327	201	202	< 5	< 0.2	4.89	1270	1.0	< 2	0.78	0.5	3	59	11	1.60	1.44	0.64
CH-97-S 328	201	202	< 5	< 0.2	5.29	1050	0.5	< 2	0.56	0.5	8	82	11	2.08	1.45	0.73
CH-97-S 329	201	202	< 5	< 0.2	8.27	1590	2.0	< 2	6.35	0.5	11	78	30	3.18	2.52	1.57
CH-97-S 330	201	202	< 5	< 0.2	5.37	1180	0.5	< 2	1.29	0.5	14	147	31	2.82	1.39	1.40
CH-97-S 331	201	202	< 5	< 0.2	5.37	1130	0.5	< 2	1.19	0.5	7	93	18	2.11	1.61	0.92
CH-97-S 332	201	202	< 5	< 0.2	6.08	1480	1.5	< 2	1.11	1.5	13	102	65	2.77	1.79	1.14
CH-97-S 333	201	202	< 5	< 0.2	5.51	1390	1.0	< 2	0.97	1.0	16	126	46	2.97	1.50	1.22
CH-97-S 334	201	202	< 5	< 0.2	6.29	1160	1.0	< 2	1.38	0.5	9	64	25	2.13	1.92	0.97
CH-97-S 335	201	202	< 5	< 0.2	5.68	1620	1.0	< 2	0.93	0.5	15	158	51	3.37	1.55	1.62
CH-97-S 336	201	202	< 5	< 0.2	5.10	1510	1.0	< 2	1.13	0.5	12	113	28	2.32	1.45	1.27

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 04-AUG-97
Invoice No. : I9734630
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9734630

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
CH-97-S 322	201	202	440	< 1	0.65	67	400	52	189	0.27	135	< 10	134			
CH-97-S 323	201	202	250	< 1	1.02	31	520	12	183	0.29	110	< 10	86			
CH-97-S 324	201	202	525	< 1	0.93	16	580	8	124	0.34	131	< 10	176			
CH-97-S 325	201	202	355	< 1	0.67	30	400	10	80	0.33	132	< 10	72			
CH-97-S 326	201	202	395	< 1	1.54	22	800	8	273	0.28	113	< 10	80			
CH-97-S 327	201	202	300	< 1	1.16	16	340	6	167	0.32	114	< 10	60			
CH-97-S 328	201	202	360	< 1	0.99	25	360	10	128	0.35	126	< 10	118			
CH-97-S 329	201	202	670	< 1	0.35	29	500	6	255	0.35	67	< 10	78			
CH-97-S 330	201	202	440	< 1	1.06	92	500	8	195	0.28	121	< 10	86			
CH-97-S 331	201	202	325	< 1	1.39	34	360	10	253	0.31	106	< 10	90			
CH-97-S 332	201	202	635	< 1	1.39	108	680	10	244	0.26	137	< 10	184			
CH-97-S 333	201	202	1270	< 1	1.00	83	630	4	168	0.32	139	< 10	144			
CH-97-S 334	201	202	850	< 1	2.12	50	440	4	386	0.25	82	< 10	88			
CH-97-S 335	201	202	685	< 1	0.99	133	430	6	164	0.35	137	< 10	84			
CH-97-S 336	201	202	860	< 1	1.20	111	330	6	214	0.27	113	< 10	94			

CERTIFICATION: Stewart Buchlen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

A9734627

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9734627

(EIA) - EQUITY ENGINEERING LTD.

Project: EXR-97-01
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 6-AUG-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	55	Dry, sieve to -80 mesh
202	55	save reject
285	55	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	55	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	55	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	55	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	55	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	55	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	55	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	55	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	55	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	55	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	55	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	55	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	55	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	55	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	55	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	55	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	55	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	55	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	55	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	55	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	55	Pb ppm: 24 element, rock & core	AAS	2	10000
582	55	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	55	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	55	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	55	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	55	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE OF ANALYSIS A9734627

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
NB-97-S 01	201 202	< 5	< 0.2	5.56	730	0.5	< 2	2.90	2.0	5	9	22	1.52	1.54	0.66
NB-97-S 02	201 202	< 5	< 0.2	0.49	260	< 0.5	< 2	2.18	0.5	< 1	10	8	0.25	0.15	0.39
NB-97-S 03	201 202	< 5	< 0.2	4.76	1000	1.0	< 2	1.98	0.5	9	58	29	2.04	1.29	0.78
NB-97-S 04	201 202	< 5	< 0.2	1.70	510	< 0.5	< 2	3.01	0.5	5	22	21	0.74	0.47	0.50
NB-97-S 05	201 202	< 5	< 0.2	4.31	1070	1.0	< 2	1.09	< 0.5	7	71	19	1.96	1.33	0.70
NB-97-S 06	201 202	< 5	< 0.2	2.00	560	< 0.5	< 2	3.73	1.0	5	8	22	0.59	0.56	0.49
NB-97-S 07	201 202	< 5	< 0.2	4.85	1220	1.0	< 2	1.56	1.5	15	69	57	2.88	1.52	0.74
NB-97-S 08	201 202	< 5	< 0.2	4.81	1280	1.5	< 2	1.28	0.5	16	93	47	3.21	1.61	0.88
NB-97-S 09	201 202	< 5	< 0.2	4.87	780	0.5	< 2	2.23	< 0.5	3	8	20	1.10	1.49	0.47
NB-97-S 10	201 202	< 5	< 0.2	0.24	200	< 0.5	< 2	2.32	0.5	< 1	5	13	0.17	0.08	0.30
NB-97-S 11	201 202	< 5	< 0.2	2.14	500	< 0.5	< 2	2.60	0.5	2	14	17	0.63	0.65	0.40
NB-97-S 12	201 202	< 5	< 0.2	5.11	770	0.5	< 2	2.17	< 0.5	4	9	25	1.31	1.39	0.56
NB-97-S 13	201 202	< 5	< 0.2	4.90	1420	1.5	< 2	0.85	0.5	15	81	42	2.95	1.43	0.84
NB-97-S 14	201 202	< 5	< 0.2	6.57	810	0.5	< 2	2.08	< 0.5	5	9	17	1.50	1.96	0.57
NB-97-S 20	201 202	< 5	< 0.2	5.70	1290	1.5	< 2	1.28	0.5	17	87	40	4.36	1.71	0.72
NB-97-S 21	201 202	< 5	< 0.2	5.17	1630	1.5	< 2	2.48	0.5	14	96	46	2.73	1.46	1.19
NB-97-S 22	201 202	< 5	< 0.2	5.56	1290	1.5	< 2	0.89	1.0	18	83	28	3.64	1.59	0.60
NB-97-S 23	201 202	< 5	< 0.2	5.78	1060	1.0	< 2	1.54	1.5	17	46	27	2.63	1.66	0.52
NB-97-S 24	201 202	< 5	< 0.2	4.41	1360	1.0	< 2	1.28	0.5	9	82	27	2.28	1.35	0.93
NB-97-S 25	201 202	< 5	< 0.2	4.63	800	0.5	< 2	1.93	0.5	7	87	27	1.24	1.36	0.97
NB-97-S 26	201 202	< 5	< 0.2	2.50	1020	0.5	< 2	2.37	0.5	15	216	54	1.78	0.59	2.34
NB-97-S 27	-- --	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
NB-97-S 28	201 202	< 5	< 0.2	5.78	790	0.5	< 2	2.35	0.5	5	12	24	1.48	1.61	0.84
NB-97-S 29	201 202	< 5	< 0.2	5.70	740	0.5	2	2.27	< 0.5	5	14	21	1.47	1.61	0.72
NB-97-S 30	201 202	< 5	< 0.2	7.49	980	1.5	2	1.78	< 0.5	5	14	21	1.68	2.35	0.60
NB-97-S 31	201 202	< 5	< 0.2	4.87	1340	1.0	< 2	0.83	0.5	13	104	21	2.17	1.53	0.87
NB-97-S 32	201 202	< 5	< 0.2	5.04	1720	1.0	< 2	1.09	0.5	12	112	31	2.55	1.36	0.83
NB-97-S 33	201 202	< 5	< 0.2	4.81	1280	1.0	< 2	1.32	1.0	10	80	26	1.88	1.32	0.79
NB-97-S 34	201 202	< 5	< 0.2	7.55	920	1.0	2	2.11	0.5	7	19	21	1.89	2.15	0.85
NB-97-S 35	201 202	< 5	< 0.2	5.63	810	0.5	< 2	2.22	< 0.5	6	10	18	1.49	1.60	0.78
NB-97-S 36	201 202	< 5	< 0.2	2.84	640	< 0.5	< 2	2.81	< 0.5	6	9	16	0.96	0.66	0.85
NB-97-S 37	201 202	< 5	< 0.2	6.21	940	1.0	2	1.95	< 0.5	8	26	19	1.76	1.82	0.78
NB-97-S 38	201 202	< 5	< 0.2	4.72	1480	1.5	< 2	1.31	0.5	21	152	41	2.73	1.35	1.45
NB-97-S 39	201 202	< 5	< 0.2	2.01	470	< 0.5	< 2	2.23	0.5	4	9	17	0.56	0.56	0.66
NB-97-S 40	201 202	< 5	< 0.2	5.54	770	0.5	< 2	2.03	< 0.5	5	14	18	1.42	1.62	0.74
NB-97-S 41	201 202	< 5	< 0.2	4.94	920	0.5	< 2	2.38	0.5	8	39	25	1.83	1.31	1.11
NB-97-S 42	201 202	< 5	< 0.2	6.40	820	1.0	< 2	2.03	< 0.5	4	7	19	1.48	1.87	0.67
NB-97-S 43	201 202	< 5	< 0.2	3.61	910	0.5	< 2	1.92	0.5	8	58	16	1.30	1.04	0.86
NB-97-S 44	201 202	< 5	< 0.2	7.19	1010	1.0	< 2	1.81	< 0.5	7	20	20	1.49	2.15	0.67
NB-97-S 45	201 202	< 5	< 0.2	3.29	560	0.5	2	1.95	< 0.5	3	11	19	0.83	0.89	0.60

CERTIFICATION: 

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 06-AUG-97
Invoice No. : I9734627
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9734627

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
NB-97-S 01	201	202	315	< 1	2.20	10	660	4	531	0.20	46	< 10	102			
NB-97-S 02	201	202	70	1	0.10	7	670	6	138	0.01	9	< 10	52			
NB-97-S 03	201	202	490	< 1	0.74	29	950	8	198	0.18	97	< 10	100			
NB-97-S 04	201	202	715	< 1	0.30	20	1060	< 2	157	0.07	34	< 10	96			
NB-97-S 05	201	202	260	1	0.82	33	900	8	151	0.26	111	< 10	82			
NB-97-S 06	201	202	950	< 1	0.69	28	680	< 2	226	0.06	16	< 10	90			
NB-97-S 07	201	202	430	< 1	0.95	61	1310	12	210	0.24	124	< 10	108			
NB-97-S 08	201	202	765	1	0.55	59	1710	10	120	0.32	176	< 10	122			
NB-97-S 09	201	202	345	< 1	1.90	9	720	4	410	0.12	26	< 10	46			
NB-97-S 10	201	202	505	1	0.06	11	740	< 2	112	< 0.01	5	< 10	76			
NB-97-S 11	201	202	255	< 1	0.70	14	770	< 2	231	0.07	25	< 10	80			
NB-97-S 12	201	202	275	< 1	1.95	10	590	4	439	0.16	37	< 10	42			
NB-97-S 13	201	202	545	< 1	0.64	54	860	16	101	0.28	150	< 10	136			
NB-97-S 14	201	202	340	< 1	2.83	6	310	8	557	0.20	36	< 10	54			
NB-97-S 20	201	202	795	4	0.60	56	730	18	169	0.21	196	< 10	112			
NB-97-S 21	201	202	545	< 1	0.62	79	890	12	192	0.27	140	< 10	108			
NB-97-S 22	201	202	620	2	0.82	39	840	16	165	0.27	166	< 10	172			
NB-97-S 23	201	202	1305	< 1	1.57	21	790	14	338	0.20	93	< 10	160			
NB-97-S 24	201	202	450	1	0.73	52	1570	8	162	0.23	138	< 10	116			
NB-97-S 25	201	202	325	< 1	1.77	135	530	4	345	0.15	36	< 10	46			
NB-97-S 26	201	202	300	< 1	0.43	697	570	6	119	0.15	75	< 10	48			
NB-97-S 27	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd			
NB-97-S 28	201	202	450	< 1	2.41	114	790	10	503	0.20	42	< 10	56			
NB-97-S 29	201	202	345	1	2.50	32	640	6	498	0.18	39	< 10	62			
NB-97-S 30	201	202	385	< 1	3.49	16	560	8	591	0.20	38	< 10	58			
NB-97-S 31	201	202	425	< 1	1.03	60	430	12	154	0.27	121	< 10	88			
NB-97-S 32	201	202	375	1	1.03	61	470	10	163	0.28	127	< 10	96			
NB-97-S 33	201	202	375	< 1	1.17	59	500	8	218	0.24	105	< 10	98			
NB-97-S 34	201	202	400	< 1	3.38	18	400	6	648	0.23	53	< 10	60			
NB-97-S 35	201	202	320	< 1	2.51	22	680	6	498	0.19	45	< 10	58			
NB-97-S 36	201	202	910	< 1	1.00	36	900	< 2	311	0.12	33	< 10	40			
NB-97-S 37	201	202	740	< 1	2.47	28	820	8	475	0.20	58	< 10	64			
NB-97-S 38	201	202	560	< 1	0.54	148	730	10	111	0.26	136	< 10	106			
NB-97-S 39	201	202	855	< 1	0.70	33	1010	4	213	0.05	15	< 10	54			
NB-97-S 40	201	202	525	< 1	2.28	19	790	4	452	0.17	42	< 10	58			
NB-97-S 41	201	202	905	< 1	1.53	54	1000	4	372	0.20	72	< 10	82			
NB-97-S 42	201	202	375	< 1	2.81	10	580	6	537	0.20	40	< 10	50			
NB-97-S 43	201	202	635	< 1	0.94	40	1090	6	207	0.13	58	< 10	74			
NB-97-S 44	201	202	580	< 1	3.11	14	680	4	556	0.20	42	< 10	54			
NB-97-S 45	201	202	160	< 1	1.29	17	580	8	286	0.09	21	< 10	42			

CERTIFICATION: Ian Bichler

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 : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :2-A
Total Pages :2
Certificate Date: 06-AUG-97
Invoice No. :I9734627
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9734627

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
NB-97-S 46	201	202	< 5	< 0.2	7.52	790	1.0	< 2	2.39	< 0.5	6	9	17	1.79	2.04	0.90
NB-97-S 47	201	202	< 5	< 0.2	3.18	860	0.5	< 2	2.21	0.5	3	12	23	0.86	0.88	0.69
NB-97-S 48	201	202	< 5	< 0.2	3.65	1090	0.5	< 2	2.23	< 0.5	5	37	26	1.18	1.03	0.86
NB-97-S 49	201	202	< 5	< 0.2	5.54	980	0.5	< 2	2.02	< 0.5	8	52	25	1.99	1.47	0.93
NB-97-S 50	201	202	< 5	< 0.2	5.23	1140	1.0	< 2	1.82	< 0.5	10	66	26	1.73	1.46	1.08
NB-97-S 51	201	202	< 5	< 0.2	4.36	600	0.5	< 2	2.42	< 0.5	5	9	17	1.18	1.17	0.91
NB-97-S 52	201	202	< 5	< 0.2	1.58	580	< 0.5	< 2	2.77	< 0.5	9	18	25	0.77	0.32	1.03
NB-97-S 53	201	202	< 5	< 0.2	4.67	670	0.5	< 2	2.20	< 0.5	4	17	21	1.02	1.39	0.78
NB-97-S 54	201	202	< 5	< 0.2	6.12	780	0.5	< 2	2.06	0.5	5	14	20	1.46	1.82	0.73
NB-97-S 55	201	202	< 5	< 0.2	6.75	920	1.0	< 2	1.78	< 0.5	6	16	25	1.48	2.12	0.61
NB-97-S 56	201	202	< 5	< 0.2	5.75	970	1.0	< 2	1.39	< 0.5	13	107	25	1.88	1.68	1.22
NB-97-S 57	201	202	< 5	< 0.2	6.34	840	1.0	< 2	1.62	0.5	10	65	17	1.78	1.88	0.88
NB-97-S 58	201	202	< 5	< 0.2	6.46	880	1.0	< 2	1.66	< 0.5	8	63	18	1.79	1.91	0.92
NB-97-S 59	201	202	< 5	< 0.2	4.35	710	0.5	< 2	2.08	< 0.5	5	31	21	1.19	1.24	0.88
NB-97-S 60	201	202	< 5	< 0.2	4.03	740	0.5	< 2	2.45	< 0.5	4	40	28	1.06	1.14	0.76
NB-97-S 61	201	202	< 5	< 0.2	4.46	780	0.5	< 2	1.88	0.5	9	117	25	1.59	1.28	1.35

CERTIFICATION: Stan Bichler

Chemex Labs Ltd.

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To: EQUITY ENGINEERING LTD.

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VANCOUVER, BC
V6B 1N2

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 06-AUG-97
Invoice No. : I9734627
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9734627

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
NB-97-S 46	201	202	385	< 1	3.34	7	820	4	699	0.27	48	< 10	54			
NB-97-S 47	201	202	460	< 1	1.23	35	990	4	292	0.09	24	< 10	46			
NB-97-S 48	201	202	265	< 1	1.24	57	910	6	283	0.13	48	< 10	68			
NB-97-S 49	201	202	475	< 1	2.01	40	680	6	404	0.24	75	< 10	74			
NB-97-S 50	201	202	610	< 1	1.91	44	730	6	424	0.21	70	< 10	66			
NB-97-S 51	201	202	905	< 1	1.76	29	590	4	387	0.15	35	< 10	42			
NB-97-S 52	201	202	1300	< 1	0.47	413	1030	< 2	199	0.08	29	< 10	66			
NB-97-S 53	201	202	355	< 1	1.85	114	570	6	416	0.12	24	< 10	44			
NB-97-S 54	201	202	385	< 1	2.67	56	620	6	508	0.19	39	< 10	58			
NB-97-S 55	201	202	385	< 1	3.09	103	500	6	537	0.18	35	< 10	62			
NB-97-S 56	201	202	355	< 1	2.04	80	470	8	346	0.22	75	< 10	58			
NB-97-S 57	201	202	405	< 1	2.70	38	440	8	466	0.22	58	< 10	70			
NB-97-S 58	201	202	430	< 1	2.64	36	450	6	484	0.22	59	< 10	70			
NB-97-S 59	201	202	340	< 1	1.72	108	580	6	339	0.13	38	< 10	52			
NB-97-S 60	201	202	295	< 1	1.48	102	600	4	345	0.12	33	< 10	36			
NB-97-S 61	201	202	390	< 1	1.47	116	590	4	290	0.16	56	< 10	60			

CERTIFICATION: David Fletcher

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

A9734628

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9734628

(EIA) - EQUITY ENGINEERING LTD.

Project: EXR-97-01
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 6-AUG-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	137	Dry, sieve to -80 mesh
202	137	save reject
285	137	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	137	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	137	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	137	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	137	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	137	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	137	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	137	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	137	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	137	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	137	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	137	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	137	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	137	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	137	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	137	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	137	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	137	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	137	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	137	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	137	Pb ppm: 24 element, rock & core	AAS	2	10000
582	137	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	137	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	137	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	137	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	137	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 06-AUG-97
Invoice No. : I9734628
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9734628

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
NM-97-S 151	201	202	< 5	< 0.2	4.49	1340	1.0	< 2	1.24	0.5	13	105	26	2.72	1.41	1.09
NM-97-S 152	201	202	< 5	< 0.2	4.73	1570	1.5	< 2	0.73	1.0	10	77	45	2.94	1.63	0.73
NM-97-S 153	201	202	< 5	< 0.2	6.21	1100	1.0	< 2	1.59	1.5	7	30	20	1.86	2.06	0.59
NM-97-S 154	201	202	< 5	< 0.2	4.02	1260	0.5	< 2	0.58	0.5	5	65	15	1.47	1.37	0.55
NM-97-S 155	201	202	< 5	< 0.2	4.49	1050	0.5	< 2	0.85	1.5	9	62	14	2.27	1.34	0.55
NM-97-S 156	201	202	< 5	< 0.2	4.71	1210	1.0	< 2	0.86	1.5	13	58	28	2.19	1.42	0.55
NM-97-S 157	201	202	< 5	< 0.2	4.86	1120	0.5	< 2	0.67	1.0	7	55	14	1.91	1.55	0.46
NM-97-S 158	201	202	< 5	< 0.2	4.08	1560	1.0	< 2	0.41	< 0.5	9	75	18	2.10	1.34	0.66
NM-97-S 159	201	202	< 5	< 0.2	4.67	1890	1.0	< 2	0.73	4.5	5	47	30	1.77	1.44	0.42
NM-97-S 160	201	202	< 5	< 0.2	4.71	1160	0.5	< 2	0.53	1.5	3	52	15	1.69	1.54	0.43
NM-97-S 161	201	202	< 5	1.8	4.47	2050	2.0	< 2	1.04	3.0	18	70	96	2.38	1.15	0.60
NM-97-S 162	201	202	< 5	< 0.2	3.26	480	0.5	< 2	2.25	< 0.5	4	8	16	0.81	0.91	0.50
NM-97-S 163	201	202	< 5	< 0.2	3.80	990	1.0	< 2	1.48	0.5	4	59	10	1.46	1.20	0.72
NM-97-S 164	201	202	< 5	< 0.2	5.65	1300	1.5	< 2	1.05	1.5	9	65	33	2.82	1.43	0.73
NM-97-S 165	201	202	< 5	< 0.2	4.72	2220	1.5	< 2	0.59	0.5	7	84	35	2.49	1.67	0.80
NM-97-S 166	201	202	15	0.4	2.00	890	0.5	< 2	3.13	1.5	6	30	37	1.24	0.55	0.78
NM-97-S 167	201	202	< 5	< 0.2	4.83	1460	1.0	< 2	0.64	0.5	8	76	17	2.26	1.38	0.70
NM-97-S 168	201	202	< 5	0.6	5.03	1490	1.5	< 2	1.08	2.0	13	81	36	2.85	1.59	0.90
NM-97-S 169	201	202	< 5	1.0	5.66	2240	1.5	< 2	1.06	5.0	23	92	162	4.15	1.54	0.67
NM-97-S 170	201	202	< 5	< 0.2	0.54	380	< 0.5	< 2	3.61	2.5	1	8	34	0.24	0.13	0.46
NM-97-S 171	201	202	< 5	< 0.2	1.42	400	< 0.5	< 2	2.85	< 0.5	3	10	24	0.85	0.39	0.46
NM-97-S 172	201	202	< 5	< 0.2	4.53	790	0.5	< 2	3.44	1.5	6	22	29	1.50	1.34	0.45
NM-97-S 173	201	202	< 5	0.4	5.50	1250	1.0	< 2	2.14	2.0	7	38	37	1.88	1.56	0.62
NM-97-S 174	201	202	< 5	< 0.2	4.79	1400	0.5	< 2	0.70	0.5	10	76	25	2.90	0.97	0.58
NM-97-S 175	201	202	10	< 0.2	5.72	840	1.0	< 2	2.85	2.5	4	14	108	1.54	1.72	0.56
NM-97-S 176	201	202	< 5	< 0.2	4.22	1670	1.0	< 2	0.58	1.5	13	134	22	2.52	1.06	1.01
NM-97-S 177	201	202	< 5	< 0.2	3.65	1670	1.0	< 2	0.83	1.5	11	122	22	2.17	1.24	1.02
NM-97-S 178	201	202	< 5	< 0.2	1.55	300	< 0.5	< 2	3.99	0.5	1	10	39	0.46	0.45	0.39
NM-97-S 179	201	202	< 5	< 0.2	5.07	1020	0.5	< 2	1.28	0.5	6	65	15	1.90	1.49	0.64
NM-97-S 180	201	202	< 5	< 0.2	4.95	1290	1.0	< 2	0.76	< 0.5	8	81	13	2.34	1.53	0.67
NM-97-S 181	201	202	< 5	0.6	3.10	1090	0.5	< 2	1.81	1.0	5	50	103	2.06	1.01	0.53
NM-97-S 182	201	202	< 5	< 0.2	4.46	1400	0.5	< 2	0.77	0.5	5	75	13	1.48	1.52	0.63
NM-97-S 183	201	202	< 5	< 0.2	5.11	1200	0.5	< 2	1.27	0.5	8	52	13	1.60	1.62	0.56
NM-97-S 184	201	202	< 5	< 0.2	6.01	950	1.0	< 2	2.20	0.5	6	17	35	1.75	1.77	0.69
NM-97-S 185	201	202	< 5	< 0.2	6.18	690	0.5	< 2	3.06	< 0.5	5	9	25	1.69	1.71	0.74
NM-97-S 186	201	202	< 5	< 0.2	4.29	770	0.5	< 2	3.40	0.5	10	33	19	1.69	1.27	0.64
NM-97-S 187	201	202	< 5	< 0.2	7.82	1470	2.5	< 2	0.92	0.5	22	114	46	4.59	2.51	1.08
NM-97-S 188	201	202	< 5	< 0.2	6.26	1640	2.0	< 2	1.60	1.5	15	87	45	3.38	2.11	0.99
NM-97-S 189	201	202	< 5	< 0.2	4.87	950	1.0	< 2	2.93	1.5	6	34	110	1.54	1.48	0.69
NM-97-S 190	201	202	< 5	< 0.2	5.92	920	1.0	< 2	2.41	1.5	5	12	143	1.48	1.79	0.58

CERTIFICATION: Ian Bichler

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CERTIFICATE OF ANALYSIS A9734628

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
NM-97-S 151	201	202	460	< 1	0.58	58	1160	10	139	0.22	132	< 10	102
NM-97-S 152	201	202	330	2	0.38	54	680	16	84	0.21	185	< 10	164
NM-97-S 153	201	202	700	< 1	2.07	17	760	6	428	0.23	76	< 10	198
NM-97-S 154	201	202	530	< 1	0.61	25	470	8	111	0.22	122	< 10	136
NM-97-S 155	201	202	360	< 1	0.82	21	450	10	140	0.28	129	< 10	220
NM-97-S 156	201	202	900	< 1	0.92	35	580	12	166	0.25	120	< 10	404
NM-97-S 157	201	202	610	1	1.08	14	460	10	195	0.26	114	< 10	146
NM-97-S 158	201	202	315	1	0.55	40	550	8	86	0.23	149	< 10	82
NM-97-S 159	201	202	215	3	0.96	21	1210	10	198	0.19	124	< 10	118
NM-97-S 160	201	202	185	1	0.95	14	660	10	176	0.24	132	< 10	90
NM-97-S 161	201	202	1275	1	0.53	97	1210	12	118	0.21	137	< 10	230
NM-97-S 162	201	202	250	1	1.21	8	910	4	310	0.10	22	< 10	30
NM-97-S 163	201	202	250	< 1	0.64	19	540	8	161	0.21	106	< 10	82
NM-97-S 164	201	202	420	< 1	1.12	30	900	10	224	0.32	126	< 10	166
NM-97-S 165	201	202	345	2	0.50	60	1230	10	102	0.25	169	< 10	120
NM-97-S 166	201	202	350	3	0.37	47	720	4	225	0.09	51	< 10	52
NM-97-S 167	201	202	260	< 1	0.87	36	490	8	141	0.30	142	< 10	116
NM-97-S 168	201	202	785	4	0.77	72	830	10	179	0.26	174	< 10	288
NM-97-S 169	201	202	1490	3	0.51	99	940	22	131	0.23	212	< 10	454
NM-97-S 170	201	202	55	2	0.10	18	520	< 2	185	0.01	11	< 10	38
NM-97-S 171	201	202	1120	1	0.47	32	660	4	194	0.04	17	< 10	40
NM-97-S 172	201	202	560	1	1.41	21	880	6	522	0.14	49	< 10	58
NM-97-S 173	201	202	845	< 1	1.69	26	750	6	396	0.22	82	< 10	120
NM-97-S 174	201	202	295	2	0.62	31	360	12	127	0.27	150	< 10	116
NM-97-S 175	201	202	430	< 1	2.24	49	900	8	568	0.18	44	< 10	58
NM-97-S 176	201	202	880	< 1	0.54	62	860	8	81	0.25	154	< 10	88
NM-97-S 177	201	202	295	< 1	0.42	62	1350	10	87	0.23	158	< 10	144
NM-97-S 178	201	202	775	< 1	0.50	18	940	4	390	0.04	16	< 10	66
NM-97-S 179	201	202	265	< 1	1.17	17	400	8	257	0.28	121	< 10	102
NM-97-S 180	201	202	265	< 1	0.88	26	630	8	155	0.28	180	< 10	178
NM-97-S 181	201	202	290	< 1	0.30	58	760	8	179	0.15	103	< 10	132
NM-97-S 182	201	202	290	1	0.41	23	450	8	95	0.24	168	< 10	174
NM-97-S 183	201	202	675	1	1.19	16	430	8	264	0.23	123	< 10	148
NM-97-S 184	201	202	335	< 1	2.26	22	730	8	513	0.21	66	< 10	68
NM-97-S 185	201	202	460	< 1	2.47	9	800	6	663	0.23	50	< 10	52
NM-97-S 186	201	202	675	< 1	1.10	19	930	6	458	0.16	64	< 10	122
NM-97-S 187	201	202	1020	< 1	0.66	65	1130	10	131	0.26	165	< 10	134
NM-97-S 188	201	202	680	2	0.64	63	1140	12	184	0.24	166	< 10	144
NM-97-S 189	201	202	295	1	1.57	46	740	6	446	0.19	63	< 10	70
NM-97-S 190	201	202	955	< 1	2.33	67	610	8	579	0.18	43	< 10	60

CERTIFICATION: Hart Bichler

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Page Number :2-A
Total Pages :4
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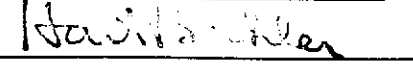
CERTIFICATE OF ANALYSIS A9734628

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
NM-97-S 191	201	202	< 5	< 0.2	5.21	960	1.5	2	1.95	0.5	10	70	12	2.81	1.62	0.99
NM-97-S 192	201	202	< 5	< 0.2	5.72	930	1.5	< 2	3.68	< 0.5	8	43	32	2.18	1.71	0.70
NM-97-S 193	201	202	< 5	0.2	4.32	1420	1.0	< 2	0.97	0.5	9	80	32	2.47	1.25	0.65
NM-97-S 194	201	202	< 5	< 0.2	4.71	1570	1.0	< 2	0.96	0.5	14	93	29	2.42	1.29	0.64
NM-97-S 195	201	202	< 5	< 0.2	5.36	1350	1.5	< 2	0.70	< 0.5	13	84	21	2.80	1.30	0.62
NM-97-S 196	201	202	< 5	< 0.2	6.92	380	2.0	< 2	12.50	< 0.5	19	66	28	2.92	2.14	0.70
NM-97-S 197	201	202	< 5	< 0.2	9.37	790	3.0	2	0.95	< 0.5	26	90	23	5.78	3.07	0.48
NM-97-S 198	201	202	< 5	< 0.2	7.53	990	2.0	2	1.29	< 0.5	9	63	24	2.94	2.25	0.85
NM-97-S 199	201	202	< 5	< 0.2	8.01	930	2.0	< 2	6.76	< 0.5	18	86	33	3.32	2.65	1.29
NM-97-S 200	201	202	< 5	1.0	3.86	1160	0.5	< 2	2.62	1.0	12	67	37	2.27	1.12	0.79
NM-97-S 201	201	202	< 5	< 0.2	4.82	1460	1.0	< 2	1.96	1.5	17	53	17	2.33	1.51	0.80
NM-97-S 202	201	202	< 5	< 0.2	6.15	810	1.0	< 2	2.58	0.5	5	9	20	1.54	1.76	0.69
NM-97-S 203	201	202	< 5	< 0.2	5.82	890	0.5	< 2	1.20	0.5	33	411	16	2.95	1.68	3.75
NM-97-S 204	201	202	< 5	0.6	6.44	2210	1.5	< 2	0.88	2.0	29	167	85	3.89	1.72	1.11
NM-97-S 205	201	202	< 5	< 0.2	7.01	1210	1.5	< 2	1.39	0.5	8	42	25	2.06	2.05	0.65
NM-97-S 206	201	202	< 5	< 0.2	4.93	1160	0.5	< 2	0.70	2.0	14	103	30	2.64	1.18	0.69
NM-97-S 209	201	202	< 5	< 0.2	5.19	1440	0.5	< 2	0.34	0.5	17	153	17	3.21	1.41	1.78
NM-97-S 210	201	202	< 5	< 0.2	6.15	1320	0.5	< 2	0.91	< 0.5	21	137	33	3.40	1.36	1.03
NM-97-S 211	201	202	< 5	< 0.2	6.12	990	1.0	< 2	1.31	1.5	10	43	24	2.31	1.53	0.90
NM-97-S 212	201	202	< 5	< 0.2	4.90	1110	0.5	< 2	1.06	1.0	11	103	17	2.04	1.30	1.09
NM-97-S 213	201	202	< 5	< 0.2	4.68	960	0.5	< 2	2.01	0.5	8	49	13	1.53	1.39	0.97
NM-97-S 214	201	202	< 5	< 0.2	4.71	1390	1.0	< 2	0.91	< 0.5	11	119	15	2.40	1.39	1.41
NM-97-S 215	201	202	< 5	< 0.2	5.16	1220	1.0	< 2	1.94	0.5	9	63	34	1.86	1.45	0.80
NM-97-S 216	201	202	< 5	< 0.2	5.04	1130	0.5	< 2	2.03	0.5	10	68	26	1.67	1.34	1.12
NM-97-S 217	201	202	< 5	0.4	5.98	1330	1.0	< 2	1.27	0.5	7	55	19	1.98	1.70	0.85
NM-97-S 218	201	202	< 5	< 0.2	4.90	1240	0.5	< 2	0.54	< 0.5	4	71	11	1.80	1.51	0.74
NM-97-S 219	201	202	25	< 0.2	5.38	1370	1.0	< 2	0.71	0.5	12	78	15	2.30	1.63	0.86
NM-97-S 220	201	202	< 5	< 0.2	5.27	1600	0.5	< 2	1.31	0.5	25	203	25	3.39	1.12	3.03
NM-97-S 221	201	202	< 5	< 0.2	5.62	1440	1.5	< 2	1.19	0.5	17	119	42	2.80	1.61	1.81
NM-97-S 222	201	202	< 5	< 0.2	4.23	1580	1.0	< 2	1.89	0.5	13	117	29	2.32	1.11	1.57
NM-97-S 223	201	202	< 5	0.4	5.55	1730	1.5	2	1.19	< 0.5	15	139	47	3.05	1.47	1.44
NM-97-S 224	201	202	< 5	< 0.2	4.49	1440	1.0	< 2	0.55	< 0.5	12	122	23	2.57	1.32	1.39
NM-97-S 225	201	202	< 5	< 0.2	5.04	1520	1.5	< 2	0.79	0.5	29	237	33	3.37	1.34	3.07
NM-97-S 226	201	202	< 5	< 0.2	5.06	1420	0.5	< 2	1.23	0.5	18	155	20	2.74	1.38	1.26
NM-97-S 227	201	202	< 5	< 0.2	3.29	1170	0.5	< 2	2.36	0.5	11	73	39	1.65	0.82	1.05
NM-97-S 228	201	202	< 5	< 0.2	4.71	1380	1.0	< 2	0.65	0.5	14	129	18	2.83	1.35	1.75
NM-97-S 229	201	202	< 5	< 0.2	4.43	1160	1.0	< 2	1.52	0.5	9	116	29	2.16	1.17	1.17
NM-97-S 230	201	202	< 5	< 0.2	5.53	1250	1.0	< 2	1.59	0.5	11	62	31	2.03	1.55	0.92
NM-97-S 231	201	202	< 5	< 0.2	5.65	1490	1.5	< 2	0.65	0.5	5	88	16	1.98	1.64	0.90
NM-97-S 232	201	202	< 5	< 0.2	4.76	1200	0.5	< 2	0.52	< 0.5	6	62	11	1.88	1.45	0.74

CERTIFICATION: 

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 06-AUG-97
Invoice No. : I9734628
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9734628

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
NM-97-S 191	201	202	320	< 1	0.60	25	890	14	317	0.18	160	< 10	106			
NM-97-S 192	201	202	380	< 1	1.52	31	630	12	605	0.17	68	< 10	74			
NM-97-S 193	201	202	450	2	0.58	54	520	10	149	0.18	165	< 10	126			
NM-97-S 194	201	202	830	< 1	0.54	45	590	12	141	0.20	213	< 10	212			
NM-97-S 195	201	202	495	1	0.67	45	240	16	148	0.23	174	< 10	188			
NM-97-S 196	201	202	335	< 1	0.84	45	420	18	1645	0.19	55	< 10	58			
NM-97-S 197	201	202	730	< 1	0.88	36	310	24	509	0.13	84	< 10	46			
NM-97-S 198	201	202	420	< 1	1.44	27	270	14	424	0.15	96	< 10	64			
NM-97-S 199	201	202	400	< 1	0.68	49	810	12	932	0.24	114	< 10	96			
NM-97-S 200	201	202	675	1	0.49	40	860	14	266	0.19	119	< 10	78			
NM-97-S 201	201	202	5150	3	1.05	35	840	10	277	0.21	97	< 10	120			
NM-97-S 202	201	202	465	< 1	2.41	10	550	6	535	0.19	43	< 10	58			
NM-97-S 203	201	202	735	< 1	1.82	322	220	6	342	0.22	76	< 10	62			
NM-97-S 204	201	202	1660	< 1	0.80	149	710	12	123	0.29	183	< 10	322			
NM-97-S 205	201	202	445	< 1	2.26	35	390	8	426	0.23	73	< 10	64			
NM-97-S 206	201	202	580	< 1	1.16	61	390	8	165	0.26	119	< 10	160			
NM-97-S 209	201	202	485	1	0.67	124	520	10	75	0.33	147	< 10	88			
NM-97-S 210	201	202	535	< 1	1.54	94	300	6	245	0.33	126	< 10	56			
NM-97-S 211	201	202	1420	1	1.84	49	670	8	357	0.25	91	< 10	68			
NM-97-S 212	201	202	380	< 1	1.22	71	440	8	211	0.21	95	< 10	110			
NM-97-S 213	201	202	500	< 1	1.41	64	500	8	300	0.17	69	< 10	50			
NM-97-S 214	201	202	390	< 1	0.68	82	850	10	103	0.23	122	< 10	72			
NM-97-S 215	201	202	440	< 1	1.24	69	490	10	281	0.17	93	< 10	60			
NM-97-S 216	201	202	325	< 1	1.49	74	570	8	331	0.17	70	< 10	60			
NM-97-S 217	201	202	475	1	1.80	38	1310	10	338	0.21	87	< 10	54			
NM-97-S 218	201	202	190	< 1	1.02	27	320	8	151	0.26	115	< 10	52			
NM-97-S 219	201	202	410	< 1	1.14	47	450	10	184	0.26	133	< 10	74			
NM-97-S 220	201	202	460	< 1	0.91	221	840	8	119	0.30	154	< 10	86			
NM-97-S 221	201	202	370	1	1.23	198	840	10	229	0.21	128	< 10	90			
NM-97-S 222	201	202	315	1	0.62	135	680	10	142	0.19	119	< 10	52			
NM-97-S 223	201	202	325	< 1	0.87	193	610	12	124	0.24	153	< 10	80			
NM-97-S 224	201	202	350	< 1	0.65	118	640	10	80	0.26	134	< 10	80			
NM-97-S 225	201	202	765	< 1	0.64	292	1000	14	75	0.26	150	< 10	82			
NM-97-S 226	201	202	510	1	0.69	110	570	12	107	0.22	135	< 10	102			
NM-97-S 227	201	202	1170	< 1	0.59	150	820	6	189	0.14	79	< 10	50			
NM-97-S 228	201	202	365	1	0.54	102	520	12	77	0.26	152	< 10	88			
NM-97-S 229	201	202	205	< 1	0.85	74	760	6	192	0.22	118	< 10	72			
NM-97-S 230	201	202	420	< 1	1.55	48	680	8	351	0.22	99	< 10	70			
NM-97-S 231	201	202	195	< 1	1.09	33	500	10	158	0.36	138	< 10	50			
NM-97-S 232	201	202	245	< 1	1.06	26	260	8	170	0.30	107	< 10	52			

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers

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VANCOUVER, BC
V6B 1N2

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 06-AUG-97
Invoice No. :19734628
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9734628

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
NM-97-S 234	201	202	< 5	< 0.2	6.09	950	0.5	< 2	1.36	0.5	16	166	16	2.33	1.70	1.33
NM-97-S 235	201	202	< 5	< 0.2	5.34	1110	0.5	< 2	0.84	< 0.5	18	156	19	3.40	1.08	1.27
NM-97-S 236	201	202	< 5	< 0.2	4.94	970	1.0	< 2	2.35	0.5	5	20	82	1.37	1.29	0.52
NM-97-S 237	201	202	< 5	< 0.2	5.20	1200	1.0	< 2	1.61	0.5	12	101	39	2.30	1.46	1.30
NM-97-S 238	201	202	< 5	< 0.2	3.11	640	0.5	< 2	3.09	0.5	3	12	21	0.85	0.86	0.47
NM-97-S 239	201	202	< 5	< 0.2	5.86	1350	1.0	< 2	1.29	1.0	13	80	59	2.52	1.53	0.93
NM-97-S 240	201	202	< 5	< 0.2	4.18	690	0.5	< 2	2.57	< 0.5	4	12	32	1.17	1.13	0.66
NM-97-S 241	201	202	< 5	< 0.2	5.05	1540	1.0	< 2	1.10	1.5	15	136	42	2.87	1.47	1.36
NM-97-S 242	201	202	< 5	< 0.2	3.99	1260	1.0	< 2	1.47	0.5	10	96	29	2.00	1.15	1.03
NM-97-S 243	201	202	< 5	< 0.2	5.83	1040	1.0	< 2	1.72	< 0.5	6	44	27	1.63	1.75	0.72
NM-97-S 244	201	202	< 5	< 0.2	3.95	2130	0.5	< 2	1.38	1.0	18	248	51	2.68	1.01	2.16
NM-97-S 245	201	202	< 5	< 0.2	4.61	1380	1.0	< 2	1.58	1.0	12	176	84	2.33	1.25	1.74
NM-97-S 246	201	202	< 5	< 0.2	4.71	1200	1.0	< 2	0.94	0.5	6	72	11	1.54	1.49	0.69
NM-97-S 247	201	202	< 5	< 0.2	4.83	1410	1.5	< 2	0.68	< 0.5	13	80	15	2.51	1.34	0.67
NM-97-S 248	201	202	< 5	< 0.2	6.27	1260	1.5	< 2	1.36	0.5	13	73	22	2.88	1.93	0.81
NM-97-S 249	201	202	< 5	< 0.2	4.71	1260	1.5	< 2	1.42	0.5	15	73	41	2.87	1.59	0.92
NM-97-S 250	201	202	< 5	< 0.2	5.49	1250	1.0	< 2	0.57	0.5	10	74	17	3.19	1.45	0.65
NM-97-S 251	201	202	< 5	< 0.2	5.04	1580	1.0	< 2	1.19	1.0	13	72	32	2.98	1.44	0.73
NM-97-S 252	201	202	< 5	< 0.2	5.84	980	1.0	2	1.86	0.5	8	40	35	2.34	1.73	0.69
NM-97-S 253	201	202	< 5	< 0.2	4.88	950	0.5	< 2	1.35	0.5	8	57	17	1.80	1.37	0.70
NM-97-S 254	201	202	< 5	< 0.2	5.52	1230	1.5	< 2	1.09	1.5	13	65	44	2.93	1.68	0.83
NM-97-S 255	201	202	< 5	< 0.2	6.29	1220	1.5	< 2	1.50	0.5	15	61	46	3.04	1.86	0.92
NM-97-S 256	201	202	< 5	< 0.2	6.67	1160	2.0	< 2	1.41	0.5	16	90	43	3.79	2.04	1.10
NM-97-S 257	201	202	< 5	< 0.2	6.21	1170	1.5	< 2	1.22	0.5	14	73	37	3.14	1.83	0.92
NM-97-S 258	201	202	< 5	< 0.2	6.33	1350	2.0	< 2	2.13	1.0	19	92	42	3.69	1.94	1.15
NM-97-S 259	201	202	< 5	< 0.2	7.68	1270	2.0	< 2	0.95	< 0.5	19	97	44	4.21	2.33	0.97
NM-97-S 260	201	202	< 5	< 0.2	5.60	1280	1.5	< 2	1.70	1.0	14	89	41	3.30	1.85	1.09
NM-97-S 261	201	202	< 5	< 0.2	5.12	1340	1.5	< 2	1.35	1.5	38	62	32	3.67	1.56	0.87
NM-97-S 262	201	202	< 5	< 0.2	5.60	1390	1.5	< 2	1.24	0.5	12	74	42	2.84	1.74	0.89
NM-97-S 263	201	202	< 5	< 0.2	6.05	1120	1.5	< 2	1.42	0.5	11	58	33	2.60	1.83	0.82
NM-97-S 264	201	202	< 5	< 0.2	5.87	1440	1.5	< 2	1.21	0.5	17	90	48	3.69	1.78	1.12
NM-97-S 265	201	202	< 5	< 0.2	8.53	1440	2.5	< 2	1.81	0.5	20	94	46	4.39	2.49	1.22
NM-97-S 266	201	202	< 5	< 0.2	8.53	1440	2.5	< 2	1.60	0.5	17	85	37	3.90	2.63	1.07
NM-97-S 267	201	202	< 5	0.4	6.74	1180	2.0	6	0.98	< 0.5	12	71	34	2.82	1.99	0.79
NM-97-S 268	201	202	< 5	0.4	8.71	1280	2.5	< 2	0.53	< 0.5	17	99	37	4.26	2.42	0.98
NM-97-S 269	201	202	< 5	< 0.2	5.21	1080	1.5	< 2	1.09	< 0.5	10	60	26	2.58	1.57	0.71
NM-97-S 270	201	202	< 5	< 0.2	5.59	1310	1.5	< 2	0.80	0.5	17	81	42	3.35	1.69	0.90
NM-97-S 271	201	202	< 5	< 0.2	5.38	1180	1.5	2	0.73	0.5	14	78	47	3.22	1.59	0.84
NM-97-S 272	201	202	< 5	< 0.2	6.69	1390	1.5	< 2	0.92	0.5	21	87	27	3.50	2.10	0.88
NM-97-S 273	201	202	< 5	< 0.2	5.59	1350	1.5	< 2	0.69	< 0.5	13	79	43	3.26	1.68	0.89

CERTIFICATION:

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To: EQUITY ENGINEERING LTD.

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VANCOUVER, BC
V6B 1N2

Project : EXR-97-01
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Certificate Date: 06-AUG-97
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NM-97-S 234	201 202	545	< 1	1.88	67	430	6	343	0.31	91	< 10	78
NM-97-S 235	201 202	480	< 1	0.93	75	420	8	110	0.35	165	< 10	82
NM-97-S 236	201 202	305	< 1	1.59	44	1060	4	380	0.14	36	< 10	46
NM-97-S 237	201 202	415	< 1	1.08	57	940	8	182	0.29	127	< 10	104
NM-97-S 238	201 202	395	< 1	1.06	16	890	< 2	304	0.10	29	< 10	42
NM-97-S 239	201 202	670	< 1	1.14	78	660	12	215	0.24	128	< 10	92
NM-97-S 240	201 202	325	< 1	1.49	43	620	4	374	0.15	38	< 10	40
NM-97-S 241	201 202	390	< 1	0.67	86	1020	10	97	0.32	153	< 10	106
NM-97-S 242	201 202	275	< 1	0.64	58	900	6	125	0.24	117	< 10	62
NM-97-S 243	201 202	390	< 1	1.96	33	590	6	387	0.20	55	< 10	54
NM-97-S 244	201 202	335	< 1	0.67	193	890	8	97	0.29	134	< 10	88
NM-97-S 245	201 202	370	< 1	0.83	166	630	8	134	0.27	136	< 10	102
NM-97-S 246	201 202	200	< 1	0.90	23	590	6	186	0.27	125	< 10	84
NM-97-S 247	201 202	495	< 1	0.73	35	440	12	132	0.28	159	< 10	102
NM-97-S 248	201 202	415	< 1	0.96	34	970	12	211	0.26	146	< 10	140
NM-97-S 249	201 202	585	1	0.58	54	1350	10	129	0.24	143	< 10	110
NM-97-S 250	201 202	305	< 1	0.90	27	720	14	142	0.31	150	< 10	130
NM-97-S 251	201 202	620	< 1	0.86	53	460	12	204	0.25	162	< 10	122
NM-97-S 252	201 202	355	1	1.80	29	710	6	364	0.22	90	< 10	92
NM-97-S 253	201 202	420	< 1	1.06	18	480	6	232	0.24	95	< 10	78
NM-97-S 254	201 202	600	< 1	1.00	48	870	10	191	0.25	118	< 10	104
NM-97-S 255	201 202	550	< 1	1.37	47	940	6	307	0.25	109	< 10	98
NM-97-S 256	201 202	520	< 1	0.64	60	960	6	133	0.32	118	< 10	118
NM-97-S 257	201 202	400	< 1	1.04	44	680	6	219	0.25	103	< 10	92
NM-97-S 258	201 202	690	< 1	0.61	64	1060	8	140	0.30	127	< 10	122
NM-97-S 259	201 202	515	< 1	0.67	55	680	8	122	0.31	129	< 10	110
NM-97-S 260	201 202	480	< 1	0.61	61	880	8	128	0.33	130	< 10	104
NM-97-S 261	201 202	8220	< 1	0.84	51	1000	8	191	0.23	107	< 10	124
NM-97-S 262	201 202	830	< 1	0.68	48	1150	8	156	0.24	144	< 10	136
NM-97-S 263	201 202	525	< 1	1.30	36	840	8	249	0.26	110	< 10	116
NM-97-S 264	201 202	585	1	0.69	63	1140	12	98	0.20	144	< 10	118
NM-97-S 265	201 202	565	< 1	0.85	53	840	10	142	0.15	140	< 10	100
NM-97-S 266	201 202	440	< 1	1.00	45	620	12	168	0.13	123	< 10	92
NM-97-S 267	201 202	405	< 1	1.00	40	640	10	177	0.11	99	< 10	76
NM-97-S 268	201 202	500	< 1	0.90	50	560	10	148	0.14	116	< 10	84
NM-97-S 269	201 202	490	< 1	0.94	32	790	10	164	0.15	104	< 10	76
NM-97-S 270	201 202	705	< 1	0.69	58	1100	12	102	0.17	130	< 10	112
NM-97-S 271	201 202	490	< 1	0.60	48	670	12	85	0.13	130	< 10	98
NM-97-S 272	201 202	2440	< 1	0.77	47	990	12	135	0.13	149	< 10	138
NM-97-S 273	201 202	385	< 1	0.76	54	970	14	118	0.20	138	< 10	96

CERTIFICATION: _____

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NM-97-S 274	201	202	< 5	< 0.2	5.32	1490	1.5	< 2	0.55	< 0.5	14	77	41	2.92	1.69	0.84
NM-97-S 275	201	202	< 5	< 0.2	5.10	1290	1.5	< 2	0.81	0.5	11	76	30	2.71	1.65	0.82
NM-97-S 276	201	202	< 5	< 0.2	4.77	1230	1.5	< 2	0.66	0.5	12	73	27	2.67	1.55	0.77
NM-97-S 277	201	202	< 5	< 0.2	4.70	1280	1.5	< 2	0.78	0.5	12	71	42	2.94	1.45	0.76
NM-97-S 278	201	202	< 5	< 0.2	4.31	1330	1.0	< 2	0.65	1.0	10	73	30	2.50	1.46	0.72
NM-97-S 279	201	202	< 5	< 0.2	4.79	1100	1.0	< 2	1.19	0.5	7	63	16	1.86	1.50	0.68
NM-97-S 280	201	202	< 5	< 0.2	5.33	1450	1.5	< 2	0.67	1.0	14	93	57	2.95	1.70	0.87
NM-97-S 281	201	202	< 5	< 0.2	4.92	1430	1.0	< 2	0.50	1.0	10	109	24	3.32	1.44	0.85
NM-97-S 282	201	202	< 5	< 0.2	4.21	1080	1.0	< 2	1.84	0.5	7	46	29	1.92	1.19	0.57
NM-97-S 283	201	202	< 5	< 0.2	4.11	1250	1.0	< 2	0.94	0.5	10	71	20	2.08	1.43	0.80
NM-97-S 284	201	202	< 5	< 0.2	6.49	1180	1.5	< 2	1.60	0.5	10	72	16	2.21	2.01	1.06
NM-97-S 285	201	202	< 5	< 0.2	4.33	1080	1.0	< 2	1.51	1.5	11	68	37	2.47	1.50	1.01
NM-97-S 286	201	202	< 5	< 0.2	3.32	1060	0.5	< 2	1.50	0.5	9	59	26	1.83	1.14	0.80
NM-97-S 287	201	202	< 5	0.6	5.15	1000	1.5	< 2	1.93	1.5	19	73	44	3.84	1.72	0.90
NM-97-S 288	201	202	< 5	< 0.2	5.05	930	1.0	< 2	1.42	0.5	11	69	33	2.60	1.64	0.76
NM-97-S 289	201	202	< 5	< 0.2	6.51	760	1.0	< 2	2.62	0.5	9	31	51	2.71	1.79	0.96
NM-97-S 290	201	202	< 5	0.6	6.20	1370	1.5	< 2	2.32	1.0	32	76	86	5.14	2.38	0.78

CERTIFICATION: Ian Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 06-AUG-97
Invoice No. : I9734628
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9734628

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
NM-97-S 274	201	202	480	< 1	0.69	63	850	14	120	0.20	162	< 10	126
NM-97-S 275	201	202	360	2	0.69	45	1070	10	126	0.20	145	< 10	104
NM-97-S 276	201	202	380	1	0.62	41	1210	10	108	0.22	130	< 10	114
NM-97-S 277	201	202	445	< 1	0.59	50	1220	12	109	0.19	130	< 10	98
NM-97-S 278	201	202	360	< 1	0.66	46	1360	10	103	0.22	125	< 10	102
NM-97-S 279	201	202	600	< 1	0.78	23	960	12	182	0.19	113	< 10	84
NM-97-S 280	201	202	580	3	0.60	76	1050	12	118	0.27	153	< 10	128
NM-97-S 281	201	202	310	< 1	0.52	51	1590	14	93	0.24	172	< 10	114
NM-97-S 282	201	202	475	< 1	0.87	24	600	8	230	0.18	94	< 10	98
NM-97-S 283	201	202	275	1	0.48	35	1410	10	115	0.19	142	< 10	92
NM-97-S 284	201	202	305	< 1	1.58	41	900	10	343	0.29	112	< 10	136
NM-97-S 285	201	202	920	< 1	0.43	54	1030	12	193	0.17	122	< 10	100
NM-97-S 286	201	202	510	1	0.44	45	1290	8	166	0.15	109	< 10	94
NM-97-S 287	201	202	1680	1	0.53	61	1110	22	288	0.17	105	< 10	152
NM-97-S 288	201	202	410	< 1	0.70	48	770	16	227	0.17	119	< 10	106
NM-97-S 289	201	202	380	< 1	1.95	29	1030	6	536	0.30	110	< 10	76
NM-97-S 290	201	202	610	4	0.50	93	860	64	188	0.15	159	< 10	114

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

A9734631

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9734631

(EIA) - EQUITY ENGINEERING LTD.

Project: EXR-97-01
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 5-AUG-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	161	Dry, sieve to -80 mesh
202	161	save reject
285	161	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	161	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	161	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	161	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	161	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	161	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	161	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	161	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	161	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	161	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	161	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	161	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	161	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	161	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	161	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	161	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	161	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	161	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	161	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	161	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	161	Pb ppm: 24 element, rock & core	AAS	2	10000
582	161	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	161	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	161	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	161	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	161	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :1-A
Total Pages :5
Certificate Date: 05-AUG-97
Invoice No. :19734631
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9734631

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
DH-97-S 133	201	202	< 5	< 0.2	4.75	1500	1.5	< 2	0.81	0.5	14	111	37	2.89	1.52	1.04
DH-97-S 134	201	202	< 5	< 0.2	5.37	1710	1.5	< 2	0.99	2.5	27	98	41	3.67	1.54	0.93
DH-97-S 135	201	202	< 5	< 0.2	4.05	1230	1.0	< 2	0.88	1.0	8	77	27	2.23	1.28	0.79
DH-97-S 136	201	202	< 5	< 0.2	5.02	1170	1.5	2	1.23	< 0.5	7	100	28	2.25	1.41	0.94
DH-97-S 137	201	202	< 5	< 0.2	3.64	1120	0.5	< 2	0.21	< 0.5	4	68	12	1.84	1.21	0.46
DH-97-S 138	201	202	< 5	< 0.2	4.48	800	0.5	< 2	2.40	0.5	4	13	26	1.34	1.31	0.56
DH-97-S 139	201	202	< 5	< 0.2	7.92	1080	2.5	< 2	1.26	< 0.5	20	109	36	3.88	2.87	0.83
DH-97-S 140	201	202	< 5	< 0.2	5.05	1200	1.5	< 2	0.66	< 0.5	12	80	28	2.93	1.56	0.74
DH-97-S 141	201	202	< 5	< 0.2	5.36	1270	1.5	< 2	0.46	0.5	13	82	36	3.25	1.65	0.78
DH-97-S 142	201	202	< 5	< 0.2	6.10	1230	1.5	< 2	1.38	0.5	10	65	37	2.77	1.82	0.71
DH-97-S 143	201	202	< 5	< 0.2	6.43	1500	2.0	< 2	0.53	0.5	14	94	41	3.67	1.90	0.91
DH-97-S 144	201	202	< 5	< 0.2	6.18	1160	1.5	< 2	0.97	1.0	12	69	39	3.24	1.89	0.77
DH-97-S 145	201	202	< 5	< 0.2	5.48	980	1.0	< 2	2.03	0.5	10	35	29	1.94	1.62	0.72
DH-97-S 146	201	202	< 5	< 0.2	4.54	950	1.0	< 2	2.13	1.0	12	42	32	2.13	1.36	0.67
DH-97-S 147	201	202	< 5	< 0.2	5.55	910	1.0	< 2	2.18	0.5	7	41	29	2.16	1.61	0.76
DH-97-S 148	201	202	< 5	< 0.2	5.79	1010	1.5	< 2	1.40	0.5	12	49	40	2.72	1.76	0.71
DH-97-S 149	201	202	< 5	< 0.2	4.44	1230	1.5	< 2	1.43	< 0.5	11	63	44	2.51	1.28	0.78
DH-97-S 150	201	202	< 5	< 0.2	5.90	1180	1.5	2	1.04	0.5	13	73	34	3.11	1.81	0.82
DH-97-S 151	201	202	< 5	< 0.2	6.05	1240	1.5	< 2	1.57	0.5	9	51	32	2.53	1.92	0.78
DH-97-S 152	201	202	< 5	< 0.2	6.00	850	1.0	< 2	2.42	0.5	5	15	24	1.71	1.73	0.66
DH-97-S 153	201	202	< 5	< 0.2	4.99	1220	1.5	< 2	0.92	1.0	13	67	34	2.75	1.56	0.74
DH-97-S 154	201	202	< 5	< 0.2	4.15	1180	1.0	< 2	1.17	0.5	9	48	18	1.82	1.36	0.57
DH-97-S 155	201	202	< 5	< 0.2	5.59	720	0.5	< 2	2.78	0.5	5	10	19	1.60	1.54	0.74
DH-97-S 156	201	202	< 5	< 0.2	4.61	1210	1.0	2	1.00	0.5	5	48	19	1.70	1.50	0.58
DH-97-S 157	201	202	< 5	< 0.2	4.31	1330	1.0	< 2	1.10	0.5	8	65	22	2.94	1.29	0.69
DH-97-S 158	201	202	< 5	< 0.2	6.36	1050	1.0	2	1.66	0.5	7	37	27	2.21	1.96	0.70
DH-97-S 159	201	202	< 5	< 0.2	4.85	1220	1.0	< 2	1.05	0.5	7	66	25	1.65	1.42	0.73
DH-97-S 160	201	202	< 5	< 0.2	4.56	1550	1.5	< 2	0.59	< 0.5	7	67	32	2.20	1.54	0.67
DH-97-S 161	201	202	< 5	< 0.2	5.23	760	0.5	2	2.70	< 0.5	4	10	18	1.41	1.51	0.57
DH-97-S 162	201	202	< 5	< 0.2	4.34	1320	0.5	2	0.54	2.0	12	57	17	2.39	1.02	0.48
DH-97-S 163	201	202	< 5	< 0.2	3.90	780	0.5	< 2	2.70	1.5	3	16	65	1.00	1.15	0.40
DH-97-S 164	201	202	< 5	< 0.2	4.19	790	0.5	< 2	1.64	1.0	7	31	25	1.34	1.30	0.45
DH-97-S 165	201	202	< 5	1.6	4.53	1170	1.5	< 2	1.73	2.0	31	37	166	2.85	1.12	0.50
DH-97-S 166	201	202	< 5	< 0.2	6.90	1390	1.5	< 2	1.12	0.5	8	50	26	2.14	2.50	0.58
DH-97-S 167	201	202	< 5	< 0.2	0.67	360	< 0.5	< 2	3.42	2.5	59	4	15	3.46	0.07	0.29
DH-97-S 168	201	202	< 5	0.4	4.04	1760	1.5	< 2	1.45	0.5	11	77	54	2.85	1.26	0.66
DH-97-S 169	201	202	< 5	< 0.2	4.50	2080	1.5	2	0.52	< 0.5	8	82	27	2.35	1.60	0.67
DH-97-S 170	201	202	< 5	< 0.2	0.58	190	< 0.5	2	1.35	< 0.5	< 1	5	11	0.29	0.11	0.45
DH-97-S 171	201	202	< 5	< 0.2	5.24	1440	1.5	< 2	0.99	0.5	8	62	32	2.26	1.68	0.68
DH-97-S 172	201	202	< 5	< 0.2	5.50	1360	1.5	2	1.60	1.0	8	47	40	2.19	1.65	0.75

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 05-AUG-97
Invoice No. :I9734631
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9734631

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
DH-97-S 133	201	202	585	< 1	0.51	71	1160	8	114	0.26	141	< 10	122			
DH-97-S 134	201	202	7410	1	0.50	103	920	10	116	0.26	158	< 10	126			
DH-97-S 135	201	202	295	< 1	0.51	43	1330	8	110	0.25	131	< 10	100			
DH-97-S 136	201	202	270	< 1	0.61	44	670	8	143	0.26	138	< 10	92			
DH-97-S 137	201	202	165	< 1	0.37	21	340	4	59	0.26	127	< 10	66			
DH-97-S 138	201	202	365	< 1	1.60	12	770	< 2	372	0.14	37	< 10	52			
DH-97-S 139	201	202	510	< 1	0.61	63	1030	2	101	0.42	161	< 10	88			
DH-97-S 140	201	202	450	< 1	0.59	38	660	60	89	0.30	127	< 10	86			
DH-97-S 141	201	202	435	< 1	0.55	49	920	8	77	0.30	139	< 10	106			
DH-97-S 142	201	202	465	< 1	1.01	38	760	10	203	0.24	123	< 10	106			
DH-97-S 143	201	202	405	< 1	0.62	60	800	10	93	0.32	160	< 10	120			
DH-97-S 144	201	202	490	< 1	0.97	40	660	8	183	0.27	122	< 10	106			
DH-97-S 145	201	202	2680	< 1	1.53	28	890	6	338	0.20	67	< 10	94			
DH-97-S 146	201	202	1200	< 1	1.04	30	950	6	236	0.19	75	< 10	90			
DH-97-S 147	201	202	395	< 1	1.57	25	930	6	355	0.22	72	< 10	84			
DH-97-S 148	201	202	455	< 1	1.38	31	820	6	262	0.23	83	< 10	88			
DH-97-S 149	201	202	580	< 1	0.59	44	920	10	155	0.23	114	< 10	78			
DH-97-S 150	201	202	425	< 1	1.02	43	1120	10	185	0.30	117	< 10	102			
DH-97-S 151	201	202	460	< 1	1.51	36	700	8	302	0.26	104	< 10	102			
DH-97-S 152	201	202	360	< 1	2.24	13	790	4	495	0.21	51	< 10	74			
DH-97-S 153	201	202	450	< 1	0.66	42	980	10	124	0.25	123	< 10	112			
DH-97-S 154	201	202	615	1	0.86	20	820	6	190	0.21	96	< 10	74			
DH-97-S 155	201	202	620	< 1	2.15	11	850	4	524	0.19	45	< 10	70			
DH-97-S 156	201	202	260	< 1	1.11	22	830	6	226	0.23	101	< 10	86			
DH-97-S 157	201	202	370	2	0.47	33	1130	4	122	0.21	123	< 10	118			
DH-97-S 158	201	202	555	< 1	1.98	26	750	8	400	0.23	85	< 10	90			
DH-97-S 159	201	202	160	< 1	0.71	32	1010	8	169	0.24	124	< 10	98			
DH-97-S 160	201	202	305	1	0.68	35	1100	6	117	0.27	144	< 10	108			
DH-97-S 161	201	202	470	< 1	2.01	9	720	4	475	0.18	43	< 10	54			
DH-97-S 162	201	202	230	< 1	0.64	27	190	8	110	0.27	138	< 10	226			
DH-97-S 163	201	202	290	< 1	1.29	35	680	4	364	0.13	39	< 10	74			
DH-97-S 164	201	202	685	< 1	1.24	23	550	6	285	0.22	72	< 10	96			
DH-97-S 165	201	202	3860	1	1.16	113	1080	6	289	0.19	88	< 10	194			
DH-97-S 166	201	202	340	1	1.12	31	780	20	231	0.26	118	< 10	140			
DH-97-S 167	201	202	>10000	6	0.04	31	1100	< 2	243	0.01	16	< 10	130			
DH-97-S 168	201	202	560	1	0.29	61	1070	8	102	0.20	162	< 10	110			
DH-97-S 169	201	202	300	< 1	0.41	43	1330	12	92	0.31	165	< 10	100			
DH-97-S 170	201	202	20	< 1	0.08	6	470	2	96	0.02	11	< 10	28			
DH-97-S 171	201	202	530	< 1	0.96	37	850	10	192	0.22	129	< 10	114			
DH-97-S 172	201	202	365	1	1.51	61	640	6	335	0.19	97	< 10	102			

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 05-AUG-97
Invoice No. : I9734631
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Account : EIA

CERTIFICATE OF ANALYSIS A9734631

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
DH-97-S 173	201 202	< 5	0.4	5.21	1050	1.0	< 2	1.90	0.5	10	64	30	2.30	1.42	0.68
DH-97-S 174	201 202	< 5	< 0.2	4.89	2170	1.5	< 2	0.45	< 0.5	12	83	27	2.68	1.43	0.74
DH-97-S 175	201 202	< 5	< 0.2	5.94	760	0.5	2	1.93	< 0.5	4	6	18	1.19	1.87	0.51
DH-97-S 176	201 202	< 5	< 0.2	2.28	420	< 0.5	< 2	3.19	0.5	3	5	18	0.69	0.60	0.82
DH-97-S 177	201 202	< 5	< 0.2	4.85	1170	0.5	< 2	2.09	2.0	8	54	54	1.82	1.38	0.88
DH-97-S 178	201 202	< 5	< 0.2	5.10	1030	0.5	< 2	1.85	0.5	11	65	20	2.27	1.42	1.07
DH-97-S 179	201 202	< 5	< 0.2	5.39	1310	1.0	< 2	1.43	0.5	8	71	30	1.87	1.58	0.94
DH-97-S 180	201 202	< 5	< 0.2	3.83	640	0.5	< 2	2.89	< 0.5	4	7	20	1.04	1.08	0.66
DH-97-S 181	201 202	< 5	< 0.2	2.56	1000	0.5	2	2.71	2.5	17	20	40	1.95	0.63	0.58
DH-97-S 182	201 202	< 5	< 0.2	5.51	1150	1.0	< 2	1.96	0.5	6	34	23	1.88	1.58	0.68
DH-97-S 183	201 202	< 5	< 0.2	5.35	1700	1.0	2	1.61	0.5	9	59	34	1.84	1.54	0.75
DH-97-S 184	201 202	< 5	< 0.2	6.13	820	0.5	< 2	2.25	< 0.5	3	6	17	1.40	1.79	0.61
DH-97-S 185	201 202	< 5	< 0.2	3.94	1270	0.5	2	1.44	0.5	13	61	17	2.41	1.09	0.75
DH-97-S 186	201 202	< 5	< 0.2	6.21	1630	1.5	< 2	1.33	0.5	13	79	54	2.65	1.69	0.84
DH-97-S 187	201 202	< 5	< 0.2	5.23	1270	1.0	< 2	1.58	1.0	14	69	56	2.15	1.40	0.91
DH-97-S 188	201 202	< 5	< 0.2	6.08	1480	1.5	< 2	1.73	0.5	12	82	56	2.17	1.70	1.19
DH-97-S 189	201 202	< 5	< 0.2	4.72	1700	1.0	< 2	0.74	0.5	22	175	26	2.84	1.48	2.43
DH-97-S 190	201 202	< 5	< 0.2	4.65	1290	1.0	< 2	1.20	0.5	7	115	20	1.87	1.29	1.03
DH-97-S 191	201 202	< 5	0.4	5.80	1650	1.5	< 2	1.30	1.5	16	105	82	2.77	1.53	1.25
DH-97-S 192	201 202	< 5	< 0.2	6.05	1140	1.0	2	1.70	< 0.5	15	42	33	1.81	1.82	0.70
DH-97-S 193	201 202	< 5	< 0.2	5.19	1510	1.0	2	0.54	< 0.5	11	107	21	2.69	1.37	0.87
DH-97-S 194	201 202	< 5	< 0.2	6.79	1390	1.5	2	1.25	0.5	6	68	31	2.18	1.93	0.67
DH-97-S 195	201 202	< 5	< 0.2	6.67	1160	1.0	< 2	1.77	1.0	7	32	33	1.94	1.93	0.64
DH-97-S 196	201 202	< 5	< 0.2	5.06	1860	0.5	< 2	0.66	1.0	10	88	17	2.54	1.32	0.79
DH-97-S 197	201 202	< 5	1.6	5.56	1860	1.0	< 2	1.69	3.5	28	42	33	1.64	1.70	0.62
DH-97-S 198	201 202	< 5	< 0.2	7.06	2190	1.5	2	1.47	0.5	9	59	53	2.40	2.83	0.83
DH-97-S 199	201 202	< 5	< 0.2	5.45	1160	1.0	2	1.56	0.5	12	94	17	2.70	1.53	1.10
DH-97-S 200	201 202	< 5	< 0.2	1.57	340	< 0.5	< 2	3.54	0.5	3	12	23	0.67	0.40	0.56
DH-97-S 201	201 202	< 5	< 0.2	5.16	1710	1.5	< 2	0.55	< 0.5	11	84	36	2.90	1.61	1.02
DH-97-S 202	201 202	< 5	< 0.2	3.74	550	0.5	2	3.41	< 0.5	3	7	24	0.99	1.02	0.59
DH-97-S 203	201 202	< 5	< 0.2	4.19	960	1.0	< 2	1.58	0.5	7	60	37	2.00	1.14	0.59
DH-97-S 204	201 202	< 5	0.4	5.50	1340	1.5	< 2	0.96	1.5	13	92	30	2.79	1.40	0.85
DH-97-S 205	201 202	< 5	< 0.2	4.53	1150	0.5	< 2	0.36	1.0	4	63	17	1.86	1.47	0.42
DH-97-S 206	201 202	< 5	< 0.2	5.81	1330	1.0	< 2	0.89	0.5	6	44	17	2.02	1.83	0.60
DH-97-S 207	201 202	< 5	0.8	3.16	1310	0.5	< 2	2.76	10.0	19	28	60	1.46	0.72	0.55
DH-97-S 208	201 202	< 5	< 0.2	3.47	550	0.5	< 2	2.67	0.5	7	7	17	1.01	0.92	0.49
DH-97-S 209	201 202	< 5	< 0.2	5.86	1200	1.0	< 2	1.39	0.5	5	41	30	1.69	1.79	0.61
DH-97-S 210	201 202	< 5	< 0.2	5.41	970	1.5	< 2	2.00	0.5	4	20	37	1.47	1.62	0.53
DH-97-S 211	201 202	< 5	0.4	5.02	790	0.5	< 2	2.31	1.0	4	19	35	1.32	1.48	0.60
DH-97-S 212	201 202	< 5	< 0.2	4.07	920	1.0	2	2.45	1.5	7	23	60	1.28	1.25	0.53

CERTIFICATION: Stewart Bradley

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

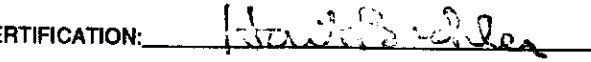
207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 05-AUG-97
Invoice No. : 19734631
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9734631

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
DH-97-S 173	201	202	780	< 1	1.17	28	680	10	279	0.27	111	< 10	58			
DH-97-S 174	201	202	400	< 1	0.48	50	330	14	102	0.26	169	< 10	88			
DH-97-S 175	201	202	785	< 1	2.49	12	550	4	496	0.16	26	< 10	44			
DH-97-S 176	201	202	1180	< 1	0.79	20	800	2	361	0.07	19	< 10	42			
DH-97-S 177	201	202	635	< 1	1.09	66	910	8	276	0.19	96	< 10	104			
DH-97-S 178	201	202	710	< 1	1.16	38	890	8	289	0.25	108	< 10	86			
DH-97-S 179	201	202	685	< 1	1.35	52	590	10	258	0.26	119	< 10	88			
DH-97-S 180	201	202	560	< 1	1.41	21	770	4	384	0.11	24	< 10	38			
DH-97-S 181	201	202	9330	6	0.65	86	1330	< 2	251	0.07	41	< 10	102			
DH-97-S 182	201	202	830	< 1	1.76	25	810	8	387	0.21	69	< 10	64			
DH-97-S 183	201	202	545	1	1.38	44	830	8	306	0.23	101	< 10	76			
DH-97-S 184	201	202	420	< 1	2.52	11	580	6	536	0.18	35	< 10	52			
DH-97-S 185	201	202	1700	1	0.69	38	620	10	163	0.19	102	< 10	74			
DH-97-S 186	201	202	710	1	1.44	73	670	10	280	0.23	133	< 10	114			
DH-97-S 187	201	202	1260	< 1	1.13	86	860	8	264	0.15	104	< 10	84			
DH-97-S 188	201	202	1220	< 1	1.67	198	660	10	351	0.16	93	< 10	80			
DH-97-S 189	201	202	490	< 1	0.66	208	880	10	116	0.27	127	< 10	90			
DH-97-S 190	201	202	350	< 1	0.84	74	770	10	159	0.22	110	< 10	76			
DH-97-S 191	201	202	1010	< 1	1.18	207	900	8	238	0.21	134	< 10	156			
DH-97-S 192	201	202	560	< 1	2.06	42	750	8	407	0.19	67	< 10	70			
DH-97-S 193	201	202	470	< 1	0.74	53	560	8	110	0.31	145	< 10	118			
DH-97-S 194	201	202	365	1	1.91	37	780	8	373	0.24	113	< 10	82			
DH-97-S 195	201	202	745	< 1	2.47	58	570	6	530	0.20	56	< 10	62			
DH-97-S 196	201	202	285	< 1	0.85	40	310	10	158	0.31	144	< 10	76			
DH-97-S 197	201	202	865	< 1	1.59	22	590	16	378	0.19	94	< 10	100			
DH-97-S 198	201	202	305	< 1	1.07	44	730	8	257	0.21	96	< 10	142			
DH-97-S 199	201	202	370	< 1	0.74	52	590	12	167	0.30	136	< 10	116			
DH-97-S 200	201	202	710	< 1	0.40	26	1060	4	242	0.05	26	< 10	48			
DH-97-S 201	201	202	380	1	0.54	65	780	18	74	0.31	166	< 10	102			
DH-97-S 202	201	202	960	< 1	1.42	21	670	4	392	0.13	31	< 10	60			
DH-97-S 203	201	202	445	2	0.96	29	1140	8	229	0.20	95	< 10	58			
DH-97-S 204	201	202	740	< 1	0.82	54	680	12	136	0.30	154	< 10	194			
DH-97-S 205	201	202	170	1	0.76	18	710	14	117	0.31	147	< 10	80			
DH-97-S 206	201	202	380	1	1.45	22	550	8	271	0.24	108	< 10	106			
DH-97-S 207	201	202	3160	1	0.46	74	1640	6	250	0.08	72	< 10	256			
DH-97-S 208	201	202	2810	< 1	1.24	11	710	6	349	0.10	27	< 10	36			
DH-97-S 209	201	202	425	< 1	1.77	20	740	8	343	0.21	86	< 10	74			
DH-97-S 210	201	202	390	< 1	1.99	25	870	8	409	0.16	50	< 10	62			
DH-97-S 211	201	202	300	< 1	1.86	22	850	6	420	0.16	43	< 10	62			
DH-97-S 212	201	202	535	< 1	1.34	51	810	8	342	0.14	48	< 10	54			

CERTIFICATION: 

Chemex Labs Ltd.

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To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 05-AUG-97
Invoice No. :19734631
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9734631

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
DH-97-S 213	201 202	< 5	< 0.2	2.76	640	0.5	< 2	2.92	2.5	12	16	44	0.98	0.78	0.51
DH-97-S 214	201 202	< 5	< 0.2	3.91	870	0.5	< 2	2.48	2.0	3	16	94	1.04	1.09	0.57
DH-97-S 215	201 202	120	< 0.2	6.88	1500	2.0	< 2	0.73	0.5	14	95	45	3.20	2.25	0.77
DH-97-S 216	201 202	< 5	0.8	5.87	1240	1.5	2	0.88	1.5	10	79	27	2.88	1.83	0.75
DH-97-S 217	201 202	< 5	0.4	6.05	1200	1.5	< 2	1.43	0.5	12	74	33	3.03	1.89	0.82
DH-97-S 218	201 202	< 5	0.4	5.95	1740	1.5	< 2	0.68	1.0	10	97	29	2.76	1.85	0.78
DH-97-S 219	201 202	< 5	< 0.2	3.53	850	0.5	< 2	2.38	0.5	7	45	15	1.61	1.00	0.59
DH-97-S 220	201 202	< 5	< 0.2	6.13	1080	1.5	< 2	1.14	0.5	27	77	17	5.25	1.14	0.94
DH-97-S 221	201 202	< 5	< 0.2	4.46	1450	1.5	2	1.22	0.5	12	88	56	2.53	1.37	1.00
DH-97-S 222	201 202	< 5	< 0.2	5.91	1190	1.5	< 2	0.79	1.0	16	79	20	3.11	1.47	0.62
DH-97-S 223	201 202	< 5	< 0.2	6.23	1120	1.5	< 2	1.77	0.5	9	45	28	2.34	1.90	0.78
DH-97-S 224	201 202	< 5	< 0.2	4.11	1260	1.0	< 2	0.72	< 0.5	9	76	20	2.73	1.32	0.78
DH-97-S 225	201 202	< 5	< 0.2	4.89	1030	1.5	2	1.23	1.0	9	73	34	2.24	1.64	0.81
DH-97-S 226	201 202	< 5	< 0.2	4.32	850	0.5	< 2	2.61	2.0	12	34	60	1.56	1.34	0.68
DH-97-S 227	201 202	< 5	< 0.2	4.88	1070	1.5	2	4.40	0.5	14	61	57	2.58	1.70	0.89
DH-97-S 228	201 202	< 5	< 0.2	4.83	1200	1.0	< 2	1.37	0.5	10	58	31	2.37	1.42	0.70
DH-97-S 229	201 202	< 5	< 0.2	5.06	1300	1.5	< 2	1.22	1.0	17	75	80	3.79	1.57	1.12
DH-97-S 230	201 202	< 5	< 0.2	4.54	1120	1.0	< 2	0.92	1.5	14	59	39	2.60	1.35	0.66
DH-97-S 231	201 202	< 5	< 0.2	3.64	910	0.5	< 2	2.93	1.5	18	18	26	1.33	1.00	0.51
DH-97-S 232	201 202	< 5	< 0.2	5.34	1400	1.5	2	0.66	1.5	17	78	52	3.50	1.69	0.82
DH-97-S 233	201 202	< 5	< 0.2	4.34	810	0.5	< 2	2.06	< 0.5	5	33	18	1.39	1.36	0.51
DH-97-S 234	201 202	< 5	< 0.2	5.40	1200	1.5	2	0.87	1.0	18	76	45	3.17	1.73	0.88
DH-97-S 235	201 202	< 5	< 0.2	6.02	1380	1.5	< 2	0.64	0.5	18	84	50	3.53	1.89	0.91
DH-97-S 236	201 202	< 5	< 0.2	5.44	1230	1.5	< 2	1.60	0.5	13	66	34	3.08	1.58	0.76
DH-97-S 237	201 202	< 5	< 0.2	7.21	1180	1.5	< 2	1.58	0.5	11	53	32	2.74	2.10	0.76
DH-97-S 238	201 202	< 5	< 0.2	7.31	1090	1.5	2	1.82	0.5	14	51	37	3.10	2.07	0.78
DH-97-S 239	201 202	< 5	< 0.2	8.74	1370	2.5	< 2	2.93	0.5	20	90	48	4.18	2.71	1.10
DH-97-S 240	201 202	< 5	< 0.2	6.11	1300	1.5	< 2	0.78	1.0	15	82	36	3.20	1.81	0.88
DH-97-S 241	201 202	< 5	< 0.2	8.03	1510	2.0	< 2	1.30	1.0	21	114	61	4.09	3.02	1.08
DH-97-S 242	201 202	< 5	< 0.2	5.20	760	1.0	< 2	2.33	0.5	7	39	27	1.78	1.58	0.71
DH-97-S 243	201 202	< 5	< 0.2	5.97	940	1.5	< 2	1.74	1.0	10	53	35	2.59	1.81	0.86
DH-97-S 244	201 202	< 5	< 0.2	6.35	1020	1.5	< 2	1.30	2.0	13	54	53	3.59	2.00	0.61
DH-97-S 245	201 202	< 5	< 0.2	7.14	1150	2.0	< 2	1.31	2.0	19	98	78	4.01	2.57	0.87
DH-97-S 246	201 202	< 5	< 0.2	5.16	2380	1.0	< 2	1.03	1.5	13	85	34	2.57	1.44	0.91
DH-97-S 247	201 202	< 5	< 0.2	4.64	1260	0.5	2	1.22	< 0.5	20	106	44	3.21	1.24	1.39
DH-97-S 248	201 202	< 5	< 0.2	4.19	1500	1.0	< 2	0.74	0.5	17	86	37	2.72	1.26	1.05
DH-97-S 249	201 202	< 5	< 0.2	5.02	1340	1.5	< 2	0.85	1.0	23	90	52	2.97	1.37	0.88
DH-97-S 250	201 202	< 5	< 0.2	2.10	620	0.5	< 2	2.44	< 0.5	6	25	22	1.31	0.55	0.62
DH-97-S 251	201 202	< 5	< 0.2	5.89	1180	1.5	< 2	0.96	< 0.5	8	66	25	3.02	1.46	0.85
DH-97-S 252	201 202	< 5	< 0.2	5.64	1190	1.5	< 2	0.90	0.5	9	73	18	3.07	1.44	0.89

CERTIFICATION:

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DH-97-S 213	201 202	2910	2	0.84	46	1080	4	313	0.08	29	< 10	52
DH-97-S 214	201 202	365	< 1	1.28	58	940	8	363	0.12	36	< 10	68
DH-97-S 215	201 202	665	2	0.60	60	460	24	184	0.22	195	< 10	140
DH-97-S 216	201 202	520	1	0.57	39	590	18	207	0.17	162	< 10	136
DH-97-S 217	201 202	505	1	0.75	45	760	18	295	0.17	155	< 10	106
DH-97-S 218	201 202	510	< 1	0.51	52	630	14	130	0.26	219	< 10	246
DH-97-S 219	201 202	275	< 1	0.65	22	730	10	221	0.16	82	< 10	62
DH-97-S 220	201 202	475	< 1	0.66	43	600	22	153	0.26	170	< 10	100
DH-97-S 221	201 202	280	< 1	0.59	88	860	16	162	0.26	124	< 10	100
DH-97-S 222	201 202	885	< 1	0.88	46	220	16	210	0.28	131	< 10	186
DH-97-S 223	201 202	440	1	1.63	31	670	14	389	0.20	99	< 10	96
DH-97-S 224	201 202	280	< 1	0.47	41	1210	10	133	0.24	122	< 10	92
DH-97-S 225	201 202	250	< 1	0.55	46	1170	12	126	0.18	139	< 10	110
DH-97-S 226	201 202	610	1	1.02	60	790	6	293	0.14	71	< 10	68
DH-97-S 227	201 202	770	2	0.59	60	1080	12	230	0.16	137	< 10	122
DH-97-S 228	201 202	500	< 1	0.72	38	860	14	176	0.17	114	< 10	98
DH-97-S 229	201 202	790	5	0.51	69	1840	16	145	0.19	172	< 10	178
DH-97-S 230	201 202	575	< 1	0.63	48	1000	12	128	0.18	108	< 10	104
DH-97-S 231	201 202	5040	2	1.13	23	790	6	363	0.12	41	< 10	78
DH-97-S 232	201 202	850	< 1	0.55	66	1340	14	103	0.22	142	< 10	142
DH-97-S 233	201 202	250	< 1	0.96	19	730	< 2	253	0.12	59	< 10	72
DH-97-S 234	201 202	820	1	0.57	66	1230	8	110	0.23	123	< 10	116
DH-97-S 235	201 202	645	1	0.52	66	890	8	106	0.20	167	< 10	124
DH-97-S 236	201 202	1740	< 1	0.66	46	800	4	189	0.19	117	< 10	104
DH-97-S 237	201 202	505	< 1	1.35	34	760	4	330	0.19	100	< 10	100
DH-97-S 238	201 202	630	< 1	1.36	37	740	4	337	0.19	90	< 10	86
DH-97-S 239	201 202	595	< 1	0.68	54	800	6	174	0.26	125	< 10	118
DH-97-S 240	201 202	300	< 1	0.65	58	890	4	116	0.19	127	< 10	110
DH-97-S 241	201 202	555	1	0.65	72	1400	4	124	0.21	207	< 10	120
DH-97-S 242	201 202	340	1	1.16	24	770	< 2	285	0.12	99	< 10	80
DH-97-S 243	201 202	440	< 1	1.16	34	990	8	239	0.17	140	< 10	116
DH-97-S 244	201 202	630	3	1.17	43	960	12	249	0.16	162	< 10	132
DH-97-S 245	201 202	830	6	0.59	82	1850	12	116	0.21	346	< 10	176
DH-97-S 246	201 202	530	1	0.58	51	470	20	139	0.28	134	< 10	138
DH-97-S 247	201 202	975	< 1	0.58	101	1090	10	113	0.28	160	< 10	134
DH-97-S 248	201 202	715	1	0.58	82	1210	12	98	0.24	161	< 10	122
DH-97-S 249	201 202	990	1	0.81	58	860	22	153	0.25	155	< 10	82
DH-97-S 250	201 202	515	< 1	0.44	33	690	16	219	0.08	47	< 10	28
DH-97-S 251	201 202	265	< 1	1.02	31	1010	14	193	0.28	122	< 10	92
DH-97-S 252	201 202	305	< 1	0.84	34	1010	14	136	0.31	129	< 10	96

CERTIFICATION: Stewart Buchholz

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 05-AUG-97
Invoice No. :I9734631
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9734631

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
DH-97-S 253	201 202	< 5	< 0.2	1.18	620	< 0.5	< 2	2.47	0.5	4	12	27	0.57	0.24	0.41
DH-97-S 254	201 202	< 5	< 0.2	5.12	1490	1.5	< 2	0.65	0.5	12	76	35	2.77	1.41	0.86
DH-97-S 255	201 202	< 5	< 0.2	5.72	1380	1.5	2	0.68	0.5	10	75	33	2.90	1.52	0.85
DH-97-S 256	201 202	< 5	< 0.2	5.51	1080	1.0	2	1.20	0.5	7	46	25	2.19	1.54	0.74
DH-97-S 257	201 202	< 5	< 0.2	5.33	1560	1.5	< 2	0.54	0.5	13	79	30	3.10	1.38	0.94
DH-97-S 258	201 202	< 5	< 0.2	4.42	1190	1.0	< 2	0.62	0.5	9	65	25	2.52	1.24	0.84
DH-97-S 259	201 202	< 5	< 0.2	4.84	1330	1.5	2	0.62	0.5	12	65	28	2.65	1.38	0.89
DH-97-S 260	201 202	< 5	< 0.2	5.17	1540	1.5	< 2	0.43	0.5	10	74	19	2.68	1.50	0.79
DH-97-S 261	201 202	< 5	< 0.2	4.72	1450	1.0	< 2	0.88	0.5	9	72	23	2.43	1.34	0.88
DH-97-S 262	201 202	< 5	< 0.2	4.39	200	0.5	< 2	1.59	0.5	5	10	24	1.08	1.26	0.45
DH-97-S 263	201 202	< 5	< 0.2	5.38	2320	1.5	2	0.82	2.0	11	80	45	2.70	1.77	0.94
DH-97-S 264	201 202	< 5	< 0.2	4.91	1950	1.5	< 2	0.45	< 0.5	6	71	26	2.37	1.69	0.78
DH-97-S 265	201 202	< 5	< 0.2	5.38	1800	1.5	< 2	0.55	0.5	13	89	54	2.98	1.68	0.77
DH-97-S 266	201 202	< 5	< 0.2	5.13	1620	1.5	< 2	1.42	3.0	10	67	41	2.23	1.59	0.90
DH-97-S 267	201 202	< 5	< 0.2	5.74	1600	1.5	< 2	0.96	0.5	7	56	20	2.14	1.81	0.68
DH-97-S 268	201 202	< 5	< 0.2	4.77	1620	1.5	< 2	1.67	0.5	6	42	38	1.74	1.50	0.67
DH-97-S 269	201 202	< 5	< 0.2	5.28	1380	1.0	< 2	3.64	1.5	10	67	34	2.37	1.57	1.28
DH-97-S 270	201 202	< 5	< 0.2	5.97	1010	1.0	< 2	1.32	0.5	6	38	16	1.75	1.80	0.63
DH-97-S 271	201 202	< 5	< 0.2	5.53	1720	1.5	< 2	1.07	1.5	10	67	47	2.77	1.36	0.72
DH-97-S 272	201 202	< 5	< 0.2	5.15	1470	1.0	< 2	1.45	1.5	7	57	36	2.06	1.48	0.72
DH-97-S 273	201 202	< 5	< 0.2	4.76	1000	1.0	2	0.29	0.5	13	103	27	4.06	1.07	0.66
DH-97-S 274	201 202	< 5	< 0.2	4.09	1190	1.0	< 2	0.62	< 0.5	8	77	14	2.35	1.14	0.78
DH-97-S 275	201 202	< 5	< 0.2	4.26	1170	1.0	< 2	1.25	0.5	8	66	27	1.99	1.21	0.83
DH-97-S 276	201 202	< 5	< 0.2	3.48	990	0.5	< 2	2.95	1.5	7	42	133	1.49	0.85	0.83
DH-97-S 277	201 202	< 5	< 0.2	5.80	1210	1.5	2	2.04	4.0	14	52	79	2.32	1.61	0.99
DH-97-S 278	201 202	< 5	< 0.2	5.38	1160	1.5	< 2	1.14	0.5	11	69	56	2.65	1.46	1.00
DH-97-S 279	201 202	< 5	< 0.2	5.27	1010	1.5	4	2.05	2.5	12	59	68	2.65	1.20	1.16
DH-97-S 280	201 202	< 5	< 0.2	6.11	1190	1.5	< 2	1.45	0.5	13	70	57	3.24	1.50	1.02
DH-97-S 281	201 202	< 5	< 0.2	6.41	1160	1.5	< 2	2.45	1.0	12	52	234	2.61	1.75	0.85
DH-97-S 282	201 202	< 5	< 0.2	6.89	1470	2.0	< 2	0.84	0.5	13	94	33	3.80	1.43	0.92
DH-97-S 283	201 202	< 5	< 0.2	7.62	1200	1.0	2	1.27	0.5	23	133	57	4.09	1.30	1.00
DH-97-S 284	201 202	< 5	< 0.2	4.51	890	0.5	< 2	1.84	0.5	7	60	18	1.67	1.24	0.77
DH-97-S 285	201 202	< 5	< 0.2	5.22	1190	1.0	< 2	1.74	1.5	12	66	52	1.69	1.40	0.81
DH-97-S 286	201 202	< 5	< 0.2	6.35	1640	1.5	2	1.01	2.0	16	77	47	3.03	1.56	0.70
DH-97-S 287	201 202	< 5	< 0.2	5.82	1050	1.0	< 2	4.23	0.5	10	52	67	2.45	1.43	1.08
DH-97-S 288	201 202	< 5	< 0.2	5.49	1200	1.0	< 2	0.59	< 0.5	12	70	15	3.07	1.32	0.76
DH-97-S 289	201 202	< 5	< 0.2	7.23	2400	1.5	< 2	1.71	2.0	13	31	44	2.43	2.20	0.59
DH-97-S 290	201 202	< 5	< 0.2	5.31	1130	1.0	2	0.85	0.5	17	62	27	2.90	1.00	0.78
DH-97-S 291	201 202	< 5	< 0.2	5.01	1320	1.0	2	0.30	< 0.5	9	73	16	2.60	1.34	0.78
DH-97-S 292	201 202	< 5	< 0.2	5.21	1230	1.0	< 2	0.53	< 0.5	10	68	15	2.47	1.35	0.70

CERTIFICATION: Stewart Bradley

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 05-AUG-97
Invoice No. :I9734631
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9734631

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
DH-97-S 253	201 202	795	< 1	0.12	27	970	6	145	0.04	28	< 10	24
DH-97-S 254	201 202	325	< 1	0.58	66	1020	20	94	0.25	144	< 10	126
DH-97-S 255	201 202	470	1	0.83	62	650	20	137	0.26	135	< 10	120
DH-97-S 256	201 202	395	< 1	1.38	32	850	12	266	0.24	92	< 10	84
DH-97-S 257	201 202	535	< 1	0.62	83	560	12	87	0.27	137	< 10	104
DH-97-S 258	201 202	270	< 1	0.70	61	840	10	107	0.22	112	< 10	104
DH-97-S 259	201 202	465	< 1	0.81	73	690	14	134	0.23	120	< 10	104
DH-97-S 260	201 202	415	1	0.54	48	410	12	81	0.25	163	< 10	94
DH-97-S 261	201 202	370	< 1	0.65	49	440	14	114	0.27	140	< 10	84
DH-97-S 262	201 202	215	< 1	1.60	23	560	< 2	356	0.13	31	< 10	110
DH-97-S 263	201 202	345	1	0.49	71	1290	16	98	0.28	188	< 10	166
DH-97-S 264	201 202	300	< 1	0.46	50	960	10	80	0.29	150	< 10	108
DH-97-S 265	201 202	505	3	0.46	71	1100	14	125	0.28	252	< 10	142
DH-97-S 266	201 202	340	< 1	0.82	47	1180	10	186	0.25	145	< 10	152
DH-97-S 267	201 202	355	1	1.18	27	710	10	230	0.26	143	< 10	112
DH-97-S 268	201 202	535	< 1	1.08	32	1040	8	257	0.17	105	< 10	78
DH-97-S 269	201 202	585	< 1	1.20	35	920	12	370	0.25	109	< 10	124
DH-97-S 270	201 202	355	< 1	1.59	14	470	12	338	0.22	112	< 10	146
DH-97-S 271	201 202	625	< 1	0.70	56	480	12	148	0.23	145	< 10	140
DH-97-S 272	201 202	245	< 1	0.81	37	690	12	197	0.21	140	< 10	130
DH-97-S 273	201 202	300	3	0.47	60	710	24	67	0.28	151	< 10	166
DH-97-S 274	201 202	255	< 1	0.62	46	420	8	87	0.24	124	< 10	114
DH-97-S 275	201 202	380	< 1	0.82	64	620	6	160	0.22	103	< 10	76
DH-97-S 276	201 202	670	< 1	0.65	139	710	6	247	0.17	64	< 10	116
DH-97-S 277	201 202	1815	1	1.20	78	790	12	335	0.23	102	< 10	260
DH-97-S 278	201 202	470	< 1	1.06	75	730	10	193	0.28	124	< 10	84
DH-97-S 279	201 202	595	< 1	0.96	54	900	10	281	0.27	108	< 10	154
DH-97-S 280	201 202	495	< 1	0.82	64	830	12	169	0.28	132	< 10	116
DH-97-S 281	201 202	785	< 1	1.54	105	1210	10	340	0.22	101	< 10	84
DH-97-S 282	201 202	490	< 1	0.68	43	540	14	113	0.41	163	< 10	92
DH-97-S 283	201 202	1270	< 1	1.41	71	380	6	242	0.47	166	< 10	92
DH-97-S 284	201 202	305	< 1	1.02	22	380	8	204	0.26	91	< 10	76
DH-97-S 285	201 202	680	< 1	1.14	66	640	12	216	0.23	99	< 10	236
DH-97-S 286	201 202	1595	< 1	1.18	60	450	14	187	0.32	133	< 10	434
DH-97-S 287	201 202	585	< 1	1.30	40	550	10	317	0.26	112	< 10	66
DH-97-S 288	201 202	465	< 1	0.86	36	310	12	116	0.32	133	< 10	108
DH-97-S 289	201 202	3420	1	2.12	31	1010	10	476	0.26	81	< 10	248
DH-97-S 290	201 202	790	< 1	0.86	32	380	10	155	0.28	139	< 10	144
DH-97-S 291	201 202	275	< 1	0.63	36	230	10	78	0.31	145	< 10	84
DH-97-S 292	201 202	250	< 1	0.91	40	210	34	147	0.30	117	< 10	82

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 05-AUG-97
Invoice No. : I9734631
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9734631

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
DH-97-S 293	201	202	< 5	< 0.2	4.62	1000	0.5	< 2	0.36	< 0.5	9	71	18	2.57	0.81	0.63

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9734631

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
DH-97-S 293	201	202	260	< 1	0.73	32	270	10	87	0.37	129	< 10	92			

CERTIFICATION: Stuart Bichler

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

A9734632

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9734632

(EIA) - EQUITY ENGINEERING LTD.

Project: EXR-97-01
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 5-AUG-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	100	Dry, sieve to -80 mesh
202	100	save reject
285	100	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	100	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	100	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	100	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	100	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	100	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	100	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	100	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	100	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	100	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	100	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	100	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	100	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	100	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	100	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	100	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	100	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	100	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	100	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	100	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	100	Pb ppm: 24 element, rock & core	AAS	2	10000
582	100	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	100	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	100	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	100	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	100	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

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CERTIFICATE OF ANALYSIS A9734632

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
WC-97-S 131	201 202	< 5	< 0.2	4.11	1430	1.0	< 2	0.48	< 0.5	10	61	29	2.34	1.21	0.62
WC-97-S 132	201 202	< 5	< 0.2	4.63	1300	1.0	< 2	1.90	1.5	5	51	58	1.81	1.35	0.66
WC-97-S 133	201 202	< 5	< 0.2	5.06	1080	1.0	< 2	2.26	0.5	8	76	25	1.73	1.39	0.87
WC-97-S 134	201 202	< 5	< 0.2	4.05	1300	1.0	< 2	0.86	1.0	14	69	51	2.90	1.29	0.80
WC-97-S 135	201 202	< 5	< 0.2	4.41	1310	1.0	< 2	0.86	< 0.5	6	51	17	1.77	1.44	0.63
WC-97-S 136	201 202	< 5	< 0.2	4.64	1470	0.5	< 2	0.99	1.5	6	39	21	1.43	1.43	0.47
WC-97-S 137	201 202	< 5	< 0.2	3.98	990	0.5	< 2	0.56	< 0.5	1	41	8	0.94	1.26	0.37
WC-97-S 138	201 202	< 5	< 0.2	4.39	1440	1.5	2	1.22	0.5	9	73	34	2.49	1.37	0.76
WC-97-S 139	201 202	< 5	< 0.2	4.37	1390	1.0	< 2	1.82	1.0	12	58	34	2.45	1.38	0.95
WC-97-S 140	201 202	< 5	< 0.2	5.40	1460	1.5	< 2	0.73	0.5	10	72	32	2.66	1.70	0.79
WC-97-S 141	201 202	< 5	< 0.2	5.82	1370	1.5	< 2	0.91	0.5	9	66	34	2.66	1.77	0.74
WC-97-S 142	201 202	< 5	< 0.2	5.77	1310	1.5	< 2	0.46	0.5	15	88	34	3.17	1.73	0.86
WC-97-S 143	201 202	< 5	< 0.2	6.88	1480	2.0	< 2	0.44	< 0.5	14	103	42	3.84	2.03	0.87
WC-97-S 144	201 202	< 5	< 0.2	6.36	1390	1.5	< 2	0.55	< 0.5	13	87	32	3.34	1.92	0.88
WC-97-S 145	201 202	< 5	< 0.2	7.06	1240	2.0	< 2	0.53	0.5	17	111	47	4.05	2.10	1.21
WC-97-S 146	201 202	< 5	< 0.2	3.40	770	0.5	< 2	2.85	0.5	7	36	52	1.51	1.04	1.17
WC-97-S 147	201 202	< 5	< 0.2	6.40	1350	2.0	< 2	0.93	0.5	15	82	44	3.30	1.91	0.85
WC-97-S 148	201 202	< 5	< 0.2	7.36	1200	2.0	< 2	1.30	0.5	16	111	42	3.91	2.35	1.14
WC-97-S 149	201 202	< 5	0.6	5.29	1340	1.5	< 2	1.39	< 0.5	12	92	46	3.11	1.54	0.90
WC-97-S 150	201 202	< 5	< 0.2	5.47	1410	1.5	< 2	1.21	< 0.5	14	87	42	3.04	1.68	1.01
WC-97-S 151	201 202	< 5	< 0.2	5.35	710	0.5	< 2	1.55	1.0	4	22	24	1.40	1.51	0.51
WC-97-S 152	201 202	< 5	< 0.2	6.21	1050	1.5	< 2	1.16	0.5	11	65	29	2.68	1.65	0.82
WC-97-S 153	201 202	< 5	< 0.2	6.63	1010	1.5	< 2	0.91	< 0.5	11	88	27	3.12	1.58	1.02
WC-97-S 154	201 202	< 5	< 0.2	6.34	890	1.5	< 2	1.60	0.5	7	35	51	2.09	1.85	0.71
WC-97-S 155	201 202	< 5	< 0.2	6.74	990	1.5	< 2	1.71	< 0.5	8	32	27	2.30	1.99	0.82
WC-97-S 156	201 202	< 5	< 0.2	6.03	1370	1.5	< 2	0.77	0.5	12	76	44	3.11	1.65	0.84
WC-97-S 157	201 202	< 5	< 0.2	5.80	1270	1.5	< 2	0.57	< 0.5	14	87	41	3.34	1.72	0.87
WC-97-S 158	201 202	< 5	< 0.2	5.57	1460	1.5	< 2	0.65	0.5	12	84	34	3.00	1.69	0.82
WC-97-S 159	201 202	< 5	< 0.2	4.91	1220	1.5	< 2	0.96	< 0.5	9	66	22	2.39	1.49	0.73
WC-97-S 160	201 202	< 5	< 0.2	5.27	1290	1.5	< 2	1.05	< 0.5	9	62	32	2.34	1.64	0.71
WC-97-S 161	201 202	< 5	< 0.2	4.63	1210	1.0	< 2	1.10	0.5	6	62	29	2.16	1.48	0.64
WC-97-S 162	201 202	< 5	< 0.2	4.21	830	0.5	< 2	0.42	< 0.5	3	48	10	1.60	1.15	0.35
WC-97-S 163	201 202	< 5	< 0.2	3.71	1200	0.5	< 2	0.55	< 0.5	6	60	13	1.89	1.26	0.60
WC-97-S 164	201 202	< 5	< 0.2	5.94	1100	1.0	< 2	1.52	< 0.5	6	33	24	1.79	1.83	0.59
WC-97-S 165	201 202	< 5	< 0.2	3.96	1500	1.0	< 2	1.03	1.5	6	60	75	1.66	1.28	0.61
WC-97-S 166	201 202	< 5	0.4	5.38	1230	1.0	< 2	0.86	1.5	5	48	16	2.11	1.74	0.55
WC-97-S 167	201 202	< 5	< 0.2	4.85	1080	1.0	< 2	0.59	0.5	4	53	25	1.91	1.38	0.53
WC-97-S 168	201 202	< 5	0.8	4.24	1470	1.0	< 2	0.95	1.0	6	64	24	1.91	1.15	0.56
WC-97-S 169	201 202	< 5	< 0.2	7.39	900	1.0	< 2	2.02	0.5	3	8	18	1.76	2.22	0.66
WC-97-S 170	201 202	< 5	< 0.2	6.18	1020	1.5	< 2	1.49	2.0	25	51	52	2.50	1.76	0.70

CERTIFICATION: Stuart Buchler

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 05-AUG-97
Invoice No. : I9734632
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9734632

SAMPLE	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
WC-97-S 131	201 202	505	1	0.48	41	720	20	98	0.20	145	< 10	94
WC-97-S 132	201 202	375	< 1	0.81	44	780	8	217	0.20	112	< 10	104
WC-97-S 133	201 202	410	< 1	1.39	74	720	6	365	0.18	77	< 10	62
WC-97-S 134	201 202	590	1	0.48	66	1300	12	106	0.18	127	< 10	158
WC-97-S 135	201 202	365	1	0.78	26	890	8	160	0.21	105	< 10	74
WC-97-S 136	201 202	515	< 1	1.04	22	490	6	246	0.19	93	< 10	66
WC-97-S 137	201 202	140	< 1	0.73	8	170	4	156	0.21	99	< 10	44
WC-97-S 138	201 202	490	< 1	0.43	45	890	16	126	0.20	129	< 10	94
WC-97-S 139	201 202	505	1	0.57	42	1200	10	141	0.21	113	< 10	122
WC-97-S 140	201 202	485	1	0.72	40	1080	8	138	0.24	134	< 10	108
WC-97-S 141	201 202	410	< 1	0.89	35	970	8	172	0.21	132	< 10	112
WC-97-S 142	201 202	535	1	0.59	48	1000	10	83	0.26	137	< 10	102
WC-97-S 143	201 202	455	1	0.63	54	670	12	102	0.22	163	< 10	118
WC-97-S 144	201 202	450	1	0.64	45	820	10	99	0.24	154	< 10	114
WC-97-S 145	201 202	540	< 1	0.60	76	460	8	78	0.23	146	< 10	102
WC-97-S 146	201 202	490	< 1	0.55	27	840	6	191	0.14	66	< 10	60
WC-97-S 147	201 202	705	3	0.92	70	700	8	175	0.19	134	< 10	96
WC-97-S 148	201 202	480	< 1	0.66	67	740	8	109	0.25	148	< 10	98
WC-97-S 149	201 202	405	< 1	0.53	50	930	6	108	0.20	129	< 10	82
WC-97-S 150	201 202	580	< 1	0.59	53	1040	10	101	0.24	137	< 10	112
WC-97-S 151	201 202	240	< 1	1.65	8	610	6	358	0.18	55	< 10	66
WC-97-S 152	201 202	375	1	1.42	33	450	6	283	0.26	99	< 10	76
WC-97-S 153	201 202	335	1	1.24	56	350	8	231	0.30	113	< 10	72
WC-97-S 154	201 202	370	1	1.89	21	530	6	403	0.22	74	< 10	56
WC-97-S 155	201 202	415	1	2.18	20	470	6	460	0.24	82	< 10	78
WC-97-S 156	201 202	515	< 1	0.94	43	690	10	162	0.29	135	< 10	100
WC-97-S 157	201 202	600	< 1	0.62	49	980	10	86	0.29	136	< 10	102
WC-97-S 158	201 202	670	1	0.61	37	1030	8	94	0.29	140	< 10	96
WC-97-S 159	201 202	475	< 1	0.79	24	910	8	147	0.24	118	< 10	70
WC-97-S 160	201 202	720	< 1	1.03	34	940	8	205	0.22	116	< 10	98
WC-97-S 161	201 202	280	1	0.90	31	560	10	187	0.22	109	< 10	84
WC-97-S 162	201 202	185	1	0.84	13	500	8	138	0.26	120	< 10	84
WC-97-S 163	201 202	300	< 1	0.52	24	630	6	90	0.22	124	< 10	82
WC-97-S 164	201 202	665	1	1.97	14	650	8	392	0.21	71	< 10	50
WC-97-S 165	201 202	300	< 1	0.62	37	890	6	132	0.20	115	< 10	62
WC-97-S 166	201 202	320	2	1.27	18	910	8	243	0.23	124	< 10	172
WC-97-S 167	201 202	215	1	1.06	24	390	8	184	0.25	124	< 10	78
WC-97-S 168	201 202	360	1	0.55	32	680	10	109	0.25	137	< 10	312
WC-97-S 169	201 202	405	< 1	3.01	5	330	6	627	0.21	45	< 10	54
WC-97-S 170	201 202	1590	< 1	1.56	30	590	12	306	0.23	96	< 10	176

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :2-A
Total Pages :3
Certificate Date: 05-AUG-97
Invoice No. :19734632
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9734632

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
WC-97-S 171	201 202	< 5	< 0.2	4.84	1090	1.5	< 2	0.77	< 0.5	8	67	26	2.31	1.37	0.73
WC-97-S 172	201 202	< 5	< 0.2	3.40	630	0.5	< 2	3.17	< 0.5	3	9	23	0.86	0.95	0.55
WC-97-S 173	201 202	< 5	< 0.2	3.24	450	0.5	< 2	3.59	< 0.5	4	10	47	0.90	0.91	0.84
WC-97-S 174	201 202	< 5	< 0.2	6.79	1020	1.0	2	1.38	< 0.5	7	32	15	2.16	1.99	0.66
WC-97-S 175	201 202	< 5	< 0.2	6.34	1020	1.0	< 2	1.18	< 0.5	7	37	19	2.20	1.83	0.61
WC-97-S 176	201 202	< 5	< 0.2	6.73	1370	2.0	< 2	0.23	< 0.5	19	95	33	4.27	2.09	0.77
WC-97-S 177	201 202	< 5	< 0.2	6.03	1400	2.0	< 2	0.46	< 0.5	17	88	52	3.47	1.81	0.83
WC-97-S 178	201 202	< 5	< 0.2	6.52	1370	2.0	< 2	0.48	< 0.5	12	82	43	3.55	1.97	0.81
WC-97-S 179	201 202	< 5	< 0.2	5.37	970	1.0	< 2	0.84	0.5	7	43	22	2.04	1.48	0.55
WC-97-S 180	201 202	< 5	< 0.2	6.93	950	1.0	< 2	1.61	0.5	3	13	23	1.69	2.11	0.57
WC-97-S 181	201 202	< 5	< 0.2	4.39	1090	0.5	< 2	1.20	< 0.5	5	49	12	1.81	1.43	0.64
WC-97-S 182	201 202	< 5	< 0.2	4.21	1000	1.0	< 2	2.41	0.5	7	47	37	2.01	1.29	0.71
WC-97-S 183	201 202	< 5	< 0.2	5.29	1150	1.5	< 2	0.89	< 0.5	4	68	30	2.30	1.67	0.62
WC-97-S 184	201 202	< 5	< 0.2	4.51	1410	1.5	< 2	0.83	< 0.5	9	95	27	2.48	1.39	0.93
WC-97-S 185	201 202	< 5	< 0.2	5.15	1180	1.5	< 2	0.76	0.5	12	83	40	2.63	1.34	0.73
WC-97-S 186	201 202	< 5	< 0.2	3.69	1360	0.5	< 2	1.11	1.0	14	50	31	1.63	1.13	0.60
WC-97-S 187	201 202	< 5	0.8	3.56	1230	0.5	< 2	1.00	4.0	6	59	28	1.61	1.10	0.56
WC-97-S 188	201 202	< 5	< 0.2	7.24	890	1.0	< 2	1.80	< 0.5	4	10	19	1.79	2.16	0.63
WC-97-S 189	201 202	< 5	< 0.2	3.69	1140	0.5	< 2	1.73	2.0	4	40	48	1.52	1.00	0.47
WC-97-S 190	201 202	< 5	< 0.2	6.64	990	1.0	< 2	2.07	6.5	3	13	77	1.34	2.12	0.52
WC-97-S 191	201 202	< 5	0.8	2.32	860	0.5	< 2	2.81	2.0	4	22	81	0.97	0.51	0.86
WC-97-S 192	201 202	< 5	< 0.2	5.35	1850	1.5	< 2	0.86	1.5	7	66	62	2.49	1.43	0.63
WC-97-S 193	201 202	< 5	0.4	4.89	1300	1.0	< 2	0.85	5.0	5	59	40	1.99	1.31	0.55
WC-97-S 194	201 202	< 5	< 0.2	5.61	730	0.5	< 2	2.00	< 0.5	4	8	15	1.35	1.65	0.58
WC-97-S 195	201 202	< 5	< 0.2	4.98	190	1.0	< 2	5.25	6.5	12	31	51	1.77	1.59	0.80
WC-97-S 196	201 202	< 5	< 0.2	7.11	970	1.0	< 2	2.70	< 0.5	4	6	23	1.50	2.32	0.64
WC-97-S 197	201 202	< 5	< 0.2	7.27	1490	1.5	< 2	1.63	< 0.5	12	53	38	2.80	2.00	0.75
WC-97-S 198	201 202	< 5	< 0.2	6.06	1330	0.5	< 2	1.06	0.5	11	87	18	3.26	1.08	0.76
WC-97-S 199	201 202	< 5	< 0.2	7.00	1040	1.0	< 2	1.74	0.5	7	32	17	2.30	1.95	0.70
WC-97-S 200	201 202	< 5	< 0.2	7.50	900	1.0	< 2	1.89	< 0.5	4	6	19	1.76	2.28	0.63
WC-97-S 201	201 202	< 5	< 0.2	6.60	1080	1.0	< 2	1.25	0.5	7	47	16	2.55	1.72	0.72
WC-97-S 202	201 202	< 5	< 0.2	6.38	1380	1.5	< 2	1.15	1.5	11	82	63	3.40	1.36	0.84
WC-97-S 203	201 202	< 5	< 0.2	5.97	1410	1.0	< 2	1.23	0.5	13	95	41	3.25	1.30	0.93
WC-97-S 204	201 202	< 5	0.8	5.64	1050	1.0	< 2	1.31	0.5	10	143	15	2.39	1.61	1.57
WC-97-S 205	201 202	< 5	< 0.2	4.58	1210	0.5	< 2	1.54	0.5	13	100	32	1.91	1.37	1.11
WC-97-S 206	201 202	< 5	< 0.2	5.49	1400	1.0	< 2	0.94	0.5	8	59	35	2.22	1.58	0.67
WC-97-S 207	201 202	< 5	1.2	5.99	1280	1.0	< 2	1.08	0.5	7	43	20	2.05	1.64	0.60
WC-97-S 208	201 202	< 5	< 0.2	6.47	1000	1.0	< 2	2.22	0.5	4	11	19	1.48	1.90	0.64
WC-97-S 209	201 202	< 5	< 0.2	4.93	1330	1.0	< 2	1.19	2.5	8	57	43	2.19	1.50	0.71
WC-97-S 210	201 202	< 5	0.4	4.42	1350	1.0	< 2	2.25	2.5	7	59	45	1.86	1.31	0.84

CERTIFICATION: _____

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 05-AUG-97
Invoice No. : I9734632
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9734632

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WC-97-S 171	201 202	460	1	0.90	29	450	8	133	0.26	116	< 10	102
WC-97-S 172	201 202	270	< 1	1.24	7	630	4	329	0.10	25	< 10	24
WC-97-S 173	201 202	320	1	1.17	15	900	2	332	0.10	26	< 10	26
WC-97-S 174	201 202	360	< 1	2.17	16	270	6	425	0.24	70	< 10	60
WC-97-S 175	201 202	335	1	2.01	16	340	6	364	0.25	80	< 10	58
WC-97-S 176	201 202	510	< 1	0.60	47	380	8	78	0.37	155	< 10	78
WC-97-S 177	201 202	625	2	0.64	47	800	10	85	0.31	138	< 10	102
WC-97-S 178	201 202	455	< 1	0.91	42	690	10	134	0.31	135	< 10	108
WC-97-S 179	201 202	345	< 1	1.46	20	380	8	255	0.24	102	< 10	106
WC-97-S 180	201 202	385	1	2.75	5	310	6	530	0.21	51	< 10	56
WC-97-S 181	201 202	275	1	0.98	17	700	6	218	0.22	105	< 10	72
WC-97-S 182	201 202	405	< 1	0.87	32	990	6	229	0.19	84	< 10	74
WC-97-S 183	201 202	180	1	1.28	17	650	8	237	0.24	107	< 10	40
WC-97-S 184	201 202	345	< 1	0.50	47	1140	8	105	0.24	139	< 10	84
WC-97-S 185	201 202	370	1	0.80	46	510	10	145	0.24	134	< 10	120
WC-97-S 186	201 202	475	< 1	0.67	27	700	8	151	0.18	106	< 10	82
WC-97-S 187	201 202	940	1	0.55	26	700	8	100	0.23	113	< 10	388
WC-97-S 188	201 202	390	1	2.99	5	520	6	590	0.22	49	< 10	56
WC-97-S 189	201 202	345	< 1	0.80	24	990	6	215	0.19	88	< 10	118
WC-97-S 190	201 202	370	1	2.61	29	900	6	512	0.15	38	< 10	186
WC-97-S 191	201 202	550	4	0.41	46	1160	4	261	0.07	48	< 10	54
WC-97-S 192	201 202	410	2	0.97	42	740	10	182	0.25	150	< 10	196
WC-97-S 193	201 202	175	< 1	0.99	39	1260	10	182	0.26	117	< 10	122
WC-97-S 194	201 202	340	1	2.30	6	490	4	493	0.17	38	< 10	44
WC-97-S 195	201 202	1560	1	1.42	84	1580	8	430	0.17	88	< 10	416
WC-97-S 196	201 202	395	1	3.06	4	520	6	638	0.18	34	< 10	50
WC-97-S 197	201 202	1095	< 1	2.10	26	560	12	410	0.32	97	< 10	100
WC-97-S 198	201 202	500	1	1.18	30	620	8	203	0.53	130	< 10	190
WC-97-S 199	201 202	530	< 1	2.35	13	600	8	488	0.32	71	< 10	90
WC-97-S 200	201 202	400	1	3.12	4	550	6	624	0.21	42	< 10	50
WC-97-S 201	201 202	420	< 1	1.99	16	440	6	374	0.36	93	< 10	86
WC-97-S 202	201 202	550	< 1	1.01	56	890	10	176	0.35	134	< 10	168
WC-97-S 203	201 202	580	< 1	1.35	55	460	8	243	0.35	146	< 10	98
WC-97-S 204	201 202	360	< 1	1.46	68	440	6	249	0.28	106	< 10	98
WC-97-S 205	201 202	665	1	1.04	67	1000	8	204	0.21	104	< 10	78
WC-97-S 206	201 202	365	1	1.37	36	480	8	253	0.25	120	< 10	78
WC-97-S 207	201 202	440	1	1.78	22	340	6	323	0.25	93	< 10	70
WC-97-S 208	201 202	370	< 1	2.61	9	540	6	547	0.19	41	< 10	44
WC-97-S 209	201 202	905	2	1.12	35	780	10	214	0.24	112	< 10	220
WC-97-S 210	201 202	710	1	0.67	43	780	8	210	0.19	137	< 10	154

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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British Columbia, Canada V7J 2C1
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Project : EXR-97-01
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Page Number :3-A
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CERTIFICATE OF ANALYSIS A9734632

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
WC-97-S 211	201	202	< 5	< 0.2	3.97	1160	1.0	< 2	0.89	0.5	5	62	14	1.95	1.23	0.63
WC-97-S 212	201	202	< 5	< 0.2	4.39	1450	1.0	< 2	1.26	< 0.5	10	76	26	2.31	1.46	0.80
WC-97-S 213	201	202	< 5	0.6	3.66	1140	1.0	< 2	1.29	2.0	9	47	88	1.86	0.94	0.50
WC-97-S 214	201	202	< 5	< 0.2	5.19	940	0.5	< 2	1.06	1.0	3	36	17	1.63	1.65	0.53
WC-97-S 215	201	202	< 5	< 0.2	3.96	940	0.5	< 2	0.97	1.5	7	81	18	1.82	1.23	0.62
WC-97-S 216	201	202	< 5	< 0.2	5.04	1020	1.0	< 2	1.60	< 0.5	4	47	26	1.64	1.54	0.72
WC-97-S 217	201	202	< 5	0.6	4.22	1140	0.5	< 2	1.36	1.5	7	62	20	1.43	1.10	0.56
WC-97-S 218	201	202	< 5	< 0.2	4.31	820	0.5	< 2	0.46	0.5	2	51	11	1.61	1.27	0.40
WC-97-S 219	201	202	< 5	< 0.2	6.81	2020	1.5	< 2	1.42	0.5	21	82	66	3.65	2.05	0.76
WC-97-S 220	201	202	< 5	< 0.2	7.26	1230	1.5	< 2	1.45	< 0.5	17	103	43	3.75	1.80	0.92
WC-97-S 221	201	202	< 5	< 0.2	7.32	960	1.0	< 2	1.84	0.5	11	105	20	4.12	1.34	1.07
WC-97-S 222	201	202	< 5	< 0.2	5.35	960	0.5	< 2	1.28	0.5	11	118	16	2.76	1.27	1.32
WC-97-S 223	201	202	< 5	< 0.2	5.69	790	1.0	< 2	0.31	< 0.5	9	91	23	3.70	1.06	0.73
WC-97-S 224	201	202	< 5	< 0.2	5.83	1100	1.0	< 2	1.67	0.5	6	42	33	2.01	1.68	0.70
WC-97-S 225	201	202	< 5	< 0.2	6.09	1120	1.0	< 2	1.16	0.5	12	76	37	2.60	1.40	0.80
WC-97-S 226	201	202	< 5	< 0.2	5.14	970	0.5	< 2	0.63	0.5	5	62	15	2.26	1.45	0.62
WC-97-S 227	201	202	< 5	< 0.2	4.66	1220	0.5	< 2	0.54	< 0.5	4	59	14	1.96	1.39	0.61
WC-97-S 228	201	202	< 5	< 0.2	5.33	1070	1.0	< 2	0.53	0.5	7	56	22	2.64	1.39	0.60
WC-97-S 229	201	202	< 5	< 0.2	4.77	1260	0.5	< 2	0.42	0.5	7	68	26	2.51	1.46	0.62
WC-97-S 230	201	202	< 5	< 0.2	4.92	1420	0.5	< 2	0.82	0.5	8	101	35	2.22	1.42	0.90

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : EXR-97-01
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 05-AUG-97
Invoice No. : I9734632
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9734632

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
WC-97-S 211	201	202	435	< 1	0.71	22	490	10	114	0.24	117	< 10	116
WC-97-S 212	201	202	905	1	0.65	40	690	12	135	0.24	149	< 10	120
WC-97-S 213	201	202	520	1	0.56	32	940	10	142	0.20	109	< 10	148
WC-97-S 214	201	202	235	1	1.53	8	750	10	282	0.25	87	< 10	106
WC-97-S 215	201	202	300	1	0.66	20	780	12	112	0.25	140	< 10	124
WC-97-S 216	201	202	325	1	1.42	27	600	8	257	0.24	89	< 10	132
WC-97-S 217	201	202	945	< 1	0.93	23	450	8	148	0.28	104	< 10	196
WC-97-S 218	201	202	170	< 1	0.89	11	600	8	143	0.27	116	< 10	62
WC-97-S 219	201	202	1030	< 1	0.94	42	470	8	239	0.55	146	< 10	78
WC-97-S 220	201	202	885	< 1	1.40	41	360	8	267	0.44	155	< 10	66
WC-97-S 221	201	202	360	< 1	1.52	32	250	10	267	0.63	143	< 10	74
WC-97-S 222	201	202	330	2	1.13	53	290	6	187	0.33	115	< 10	72
WC-97-S 223	201	202	270	< 1	0.74	35	310	10	86	0.47	154	< 10	86
WC-97-S 224	201	202	500	< 1	1.83	27	450	6	345	0.24	85	< 10	68
WC-97-S 225	201	202	565	< 1	1.48	41	350	8	271	0.29	121	< 10	72
WC-97-S 226	201	202	275	4	1.21	20	340	8	196	0.31	117	< 10	86
WC-97-S 227	201	202	265	< 1	1.01	19	290	6	159	0.32	117	< 10	74
WC-97-S 228	201	202	335	2	1.16	25	440	10	178	0.28	119	< 10	90
WC-97-S 229	201	202	310	3	0.88	26	660	10	137	0.32	133	< 10	80
WC-97-S 230	201	202	460	< 1	0.88	49	640	6	142	0.30	132	< 10	102

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

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

Project : LIP
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number : 1-A
Total Pages : 1
Certificate Date: 09-OCT-97
Invoice No. : 19744795
P.O. Number : EXR97-01
Account : EIA

CERTIFICATE OF ANALYSIS A9744795

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
4901	205	226	< 5	< 0.2	0.23	22	1240	< 0.5	< 2	6.48	< 0.5	9	119	< 1	2.72	< 10	< 1	0.04	< 10	3.09	870
4902	205	226	< 5	0.2	0.64	6	470	< 0.5	< 2	0.13	< 0.5	8	127	41	2.06	< 10	< 1	0.24	< 10	0.12	325
4903	205	226	< 5	< 0.2	3.43	< 2	50	< 0.5	< 2	5.02	< 0.5	37	437	79	4.53	< 10	< 1	< 0.01	< 10	3.71	565
4904	205	226	< 5	< 0.2	0.29	< 2	240	< 0.5	< 2	8.48	< 0.5	8	25	5	4.30	< 10	< 1	0.14	10	3.45	740
4905	205	226	< 5	< 0.2	1.97	8	570	< 0.5	< 2	0.45	< 0.5	10	155	24	2.77	< 10	< 1	0.39	10	0.67	330
4906	205	226	15	< 0.2	0.37	40	580	< 0.5	< 2	0.13	< 0.5	10	36	61	2.25	< 10	< 1	0.22	10	0.07	555
4907	205	226	< 5	< 0.2	3.50	< 2	90	< 0.5	< 2	2.46	< 0.5	22	86	56	4.41	< 10	< 1	0.02	< 10	2.09	610
4908	205	226	20	< 0.2	0.33	54	250	< 0.5	< 2	0.02	< 0.5	1	88	13	0.65	< 10	< 1	0.17	< 10	0.03	45
4909	205	226	< 5	< 0.2	0.35	6	370	< 0.5	< 2	0.07	< 0.5	3	92	23	0.92	< 10	< 1	0.08	< 10	0.14	340
4910	205	226	< 5	< 0.2	5.80	12	380	2.0	4	5.09	< 0.5	7	41	18	0.87	10	< 1	0.08	30	0.10	105
230830	205	226	< 5	< 0.2	1.91	6	170	< 0.5	< 2	5.06	< 0.5	15	229	32	2.94	< 10	< 1	0.15	< 10	2.24	530
230831	205	226	< 5	0.2	7.80	16	60	1.5	< 2	4.03	2.0	17	114	83	4.30	10	< 1	0.23	< 10	1.11	100
230832	205	226	< 5	< 0.2	3.58	< 2	90	< 0.5	< 2	3.35	< 0.5	37	490	45	4.97	< 10	< 1	0.03	< 10	3.63	645
230833	205	226	40	0.2	3.34	322	10	0.5	< 2	6.23	< 0.5	94	1835	384	8.74	< 10	< 1	< 0.01	< 10	5.45	1830
230834	205	226	< 5	< 0.2	1.95	< 2	470	< 0.5	< 2	1.45	< 0.5	26	90	23	5.47	< 10	< 1	0.06	10	2.47	760
230835	205	226	< 5	0.2	0.30	8	120	< 0.5	< 2	0.10	< 0.5	1	136	17	0.82	< 10	< 1	0.14	10	0.08	45
230836	205	226	< 5	0.2	0.21	4	110	< 0.5	< 2	0.04	< 0.5	1	128	12	0.83	< 10	< 1	0.12	< 10	0.02	40
230837	205	226	< 5	0.8	0.26	8	160	< 0.5	< 2	0.16	< 0.5	< 1	74	11	0.72	< 10	< 1	0.16	< 10	0.01	5

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

A9744795

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9744795

(EIA) - EQUITY ENGINEERING LTD.

Project: LIP
P.O. # : EXR97-01

Samples submitted to our lab in Vancouver, BC.
This report was printed on 9-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	18	Geochem ring to approx 150 mesh
226	18	0-3 Kg crush and split
3202	18	Rock - save entire reject
229	18	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	18	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	18	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	18	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	18	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	18	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	18	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	18	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	18	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	18	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	18	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	18	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	18	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	18	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	18	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	18	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	18	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	18	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	18	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	18	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	18	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	18	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	18	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	18	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	18	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	18	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	18	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	18	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	18	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	18	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	18	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	18	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	18	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	18	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
3551	2	Ba %: XRF	XRF	0.1	100.0

Chemex Labs Ltd.

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To: EQUITY ENGINEERING LTD.

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

Project : LIP
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Certificate Date: 09-OCT-97
Invoice No. :I9744795
P.O. Number :EXR97-01
Account :EIA

CERTIFICATE OF ANALYSIS A9744795

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ba XRF %
4901	205	226	< 1	< 0.01	23	1390	< 2	< 2	9	620	< 0.01	< 10	< 10	16	< 10	42	-----
4902	205	226	2	0.01	33	350	4	< 2	2	9	< 0.01	< 10	< 10	13	< 10	70	-----
4903	205	226	< 1	0.02	193	260	< 2	< 2	17	155	0.03	< 10	< 10	97	< 10	46	-----
4904	205	226	< 1	< 0.01	12	220	4	< 2	3	331	< 0.01	< 10	< 10	5	< 10	70	0.2
4905	205	226	2	0.02	42	390	14	< 2	4	28	< 0.01	< 10	< 10	35	< 10	62	-----
4906	205	226	1	< 0.01	34	330	8	16	3	10	< 0.01	< 10	< 10	10	< 10	82	-----
4907	205	226	< 1	0.01	35	390	< 2	< 2	9	36	0.40	< 10	< 10	141	< 10	48	-----
4908	205	226	2	< 0.01	7	60	6	12	1	18	< 0.01	< 10	< 10	11	< 10	16	-----
4909	205	226	< 1	< 0.01	14	130	2	2	< 1	6	< 0.01	< 10	< 10	8	< 10	34	0.3
4910	205	226	< 1	0.55	18	430	16	8	1	319	0.16	< 10	< 10	20	< 10	32	-----
230830	205	226	2	0.01	81	320	4	< 2	8	169	0.02	< 10	< 10	54	< 10	128	-----
230831	205	226	< 1	0.38	43	430	4	2	9	292	0.14	< 10	< 10	108	< 10	282	-----
230832	205	226	< 1	0.02	195	290	< 2	< 2	15	92	0.01	< 10	< 10	99	< 10	62	-----
230833	205	226	< 1	< 0.01	739	140	2	< 2	11	156	< 0.01	< 10	< 10	79	< 10	108	-----
230834	205	226	< 1	0.25	52	2070	< 2	2	3	104	0.10	< 10	< 10	25	< 10	80	-----
230835	205	226	1	0.01	15	390	8	< 2	< 1	19	< 0.01	< 10	< 10	9	< 10	24	-----
230836	205	226	1	0.01	6	320	8	< 2	< 1	26	< 0.01	< 10	< 10	7	< 10	54	-----
230837	205	226	2	< 0.01	3	1680	8	2	< 1	51	< 0.01	< 10	< 10	25	< 10	26	-----

CERTIFICATION: Ian Bucklen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

A9744796

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9744796

(EIA) - EQUITY ENGINEERING LTD.

Project: LIP
P.O. # : EXR97-01

Samples submitted to our lab in Vancouver, BC.
This report was printed on 7-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	2	Pulp; prepped on other workorder
200	2	Whole rock fusion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
594	2	Al2O3 %: Whole rock	ICP-AES	0.01	100.00
588	2	CaO %: Whole rock	ICP-AES	0.01	100.00
590	2	Cr2O3 %: Whole Rock	ICP-AES	0.01	100.00
586	2	Fe2O3(total) %: Whole rock	ICP-AES	0.01	100.00
821	2	K2O %: Whole rock	ICP-AES	0.01	100.00
593	2	MgO %: Whole rock	ICP-AES	0.01	100.00
596	2	MnO %: Whole rock	ICP-AES	0.01	100.00
599	2	Na2O %: Whole rock	ICP-AES	0.01	100.00
597	2	P2O5 %: Whole rock	ICP-AES	0.01	100.00
592	2	SiO2 %: Whole rock	ICP-AES	0.01	100.00
595	2	TiO2 %: Whole rock	ICP-AES	0.01	100.00
475	2	L.O.I. %: @ 1000 deg.C	FURNACE	0.01	99.99
540	2	Total %	CALCULATION	0.01	105.00
2840	2	Ba ppm: ICP-MS	ICP-MS	1	10000
2841	2	Cs ppm: ICP-MS	ICP-MS	1	10000
2842	2	Hf ppm: ICP-MS	ICP-MS	1	10000
2843	2	La ppm: ICP-MS	ICP-MS	1	10000
2844	2	Nb ppm: ICP-MS	ICP-MS	1	10000
2845	2	Rb ppm: ICP-MS	ICP-MS	1	10000
2846	2	Sr ppm: ICP-MS	ICP-MS	1	10000
2847	2	Ta ppm: ICP-MS	ICP-MS	1	10000
2848	2	Y ppm: ICP-MS	ICP-MS	1	10000
2849	2	Zr ppm: ICP-MS	ICP-MS	1	10000

Chemex Labs Ltd.

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To: EQUITY ENGINEERING LTD.

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

Project : LIP
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number : 1-A
Total Pages : 1
Certificate Date: 07-OCT-97
Invoice No. : 19744796
P.O. Number : EXR97-01
Account : EIA

CERTIFICATE OF ANALYSIS A9744796

SAMPLE	PREP CODE		Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %	Ba ppm
4903	299	200	11.40	8.27	0.08	6.88	< 0.01	6.83	0.09	3.31	0.05	50.35	0.83	9.92	47.66	137
4910	299	200	16.35	16.85	0.01	5.18	2.88	3.39	0.09	1.44	0.11	49.89	0.62	1.90	48.82	1165

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: EQUITY ENGINEERING LTD.

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

Project : LIP
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :1-B
Total Pages :1
Certificate Date: 07-OCT-97
Invoice No. :I9744796
P.O. Number :EXR97-01
Account :EIA

CERTIFICATE OF ANALYSIS A9744796

SAMPLE	PREP CODE		Cs ppm	Hf ppm	La ppm	Nb ppm	Rb ppm	Sr ppm	Ta ppm	Y ppm	Zr ppm
4903	299	200	< 1	1	5	11	1	158	1	10	51
4910	299	200	3	3	54	17	108	505	3	32	112

CERTIFICATION: Stan Bachler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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To: EQUITY ENGINEERING LTD.

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

Project : LIP
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number : 1-A
Total Pages : 1
Certificate Date: 07-OCT-97
Invoice No. : I9744796
P.O. Number : EXR97-01
Account : EIA

CERTIFICATE OF ANALYSIS A9744796

SAMPLE	PREP CODE		Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	LOI %	TOTAL %	Ba ppm
4903	299	200	11.40	8.27	0.08	6.88	< 0.01	6.83	0.09	3.31	0.05	50.35	0.83	9.92	47.66	137
4910	299	200	16.35	16.85	0.01	5.18	2.88	3.39	0.09	1.44	0.11	49.89	0.62	1.90	48.82	1165

CERTIFICATION:

Chemex Labs Ltd.

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

To: EQUITY ENGINEERING LTD.

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

A9744804

Comments: ATTN: MARK BAKNES CC: DOUG EATON

CERTIFICATE A9744804

(EIA) - EQUITY ENGINEERING LTD.

Project: LIP
P.O. # : EXR97-01

Samples submitted to our lab in Vancouver, BC.
This report was printed on 6-OCT-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	4	Dry, sieve to -80 mesh
202	4	save reject
285	4	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	4	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
578	4	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	4	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	4	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	4	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	4	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	4	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	4	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	4	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	4	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	4	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	4	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	4	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	4	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	4	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	4	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	4	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	4	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	4	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	4	Pb ppm: 24 element, rock & core	AAS	2	10000
582	4	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	4	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	4	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	4	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	4	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

Project : LIP
Comments: ATTN: MARK BAKNES CC: DOUG EATON

Page Number :1-A
Total Pages :1
Certificate Date: 06-OCT-97
Invoice No. :I9744804
P.O. Number :EXR97-01
Account :EIA

CERTIFICATE OF ANALYSIS A9744804

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
CH97S-304B	201	202	< 5	< 0.2	5.37	1880	1.5	4	0.51	0.5	21	161	18	3.34	1.56	2.03
CH97S-306B	201	202	< 5	< 0.2	6.27	1850	1.5	2	0.81	0.5	17	162	76	3.53	1.60	2.02
NM97S-93B	201	202	< 5	< 0.2	4.98	2590	1.5	< 2	1.54	3.0	10	68	46	2.72	1.71	1.02
NM97S-102B	201	202	< 5	< 0.2	4.99	2640	1.5	2	1.18	2.5	7	68	45	2.85	1.75	0.97

CERTIFICATION: Ulrich Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Page Number :1-B
Total Pages :1
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Invoice No. :I9744804
P.O. Number :EXR97-01
Account :EIA

CERTIFICATE OF ANALYSIS A9744804

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
CH97S-304B	201	202	365	< 1	0.46	177	400	12	61	0.27	178	< 10	86			
CH97S-306B	201	202	575	< 1	0.70	229	390	12	89	0.32	181	< 10	132			
MM97S-93B	201	202	570	3	0.45	58	1420	18	133	0.19	239	< 10	278			
MM97S-102B	201	202	370	1	0.45	50	1430	18	121	0.20	243	< 10	292			

CERTIFICATION: David Buchler

APPENDIX G

GEOLOGIST'S CERTIFICATE

GEOLOGIST'S CERTIFICATE

I, Mark E. Baknes, of 4355 St. Catherines Street, Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

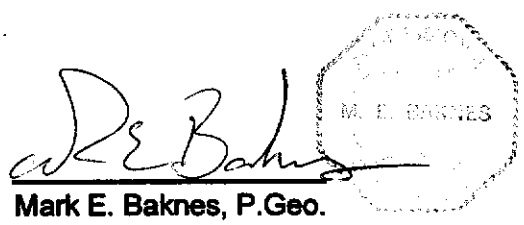
1. THAT I am a Consulting Geologist with offices at Suite 207, 675 West Hastings Street, Vancouver, British Columbia.

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

3. THAT I am a Professional Geoscientist registered in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

4. THAT this report is based in part on property work I personally completed and/or directly supervised from June 14 to July 9 and September 14 to 19, 1997, government publications and assessment reports filed with the Yukon.

DATED at Vancouver, British Columbia, this 13 day of Jan, 1998.



Mark E. Baknes, P.Geo.

LEGEND

SYMBOLS

- Lithological contact (defined, approximate, inferred)
- Fault (defined, inferred)
- Thrust fault (teeth on upthrust block)
- Outcrop
- Bedding
- Foliation
- Lineation
- Trench
- Rock Sample (float, outcrop)
- Silt Sample (silt, field sieved silt, both)
- AR 93230 — Yukon assessment report reference no.
- 5W. — Grid lines (pre 1996)
- PB 9 ● — Diamond drill hole collar (pre 1996)

LITHOLOGICAL LEGEND

Rock Type		Alteration & Mineralization	
AND	andesite	AK	ankerite
BSL	basalt	BA	barite
CHT	chert	CA	calcite
EXH	exhalite	CL	chlorite
GBR	gabbro	CP	chalcopyrite
GNS	gneiss	GL	galena
LST	limestone	MR	mariposite
PHY	phyllite	MS	sericite
QZT	quartzite	PY	pyrite
SCH	schist	QZ	quartz

Texture/Composition		Color	
bn	banded	bk	black
bd	bedded	bf	buff
bx	breccia	gn	green
cr	carbonaceous	gy	grey
gr	graphitic	lt	light
pw	pillowed flow	md	medium
sl	siliceous	dk	dark
tf	tuff	**Symbols**	
fg	fine-grained	/	interbanded
mg	medium-grained	-	to
cg	coarse-grained	+	and

1996 Rock Sample Analyses

Sample Number	Gold (ppb)	Silver (ppm)	Barium (ppm)	Copper (ppm)	Lead (ppm)	Zinc (ppm)
3809	<5	<.2	240	53	<2	102
3810	<5	<.2	560	51	16	68
3811	<5	<.2	480	10	12	40
3812	<5	0.2		4	8	12
3813	<5	0.6	300	6	2	14
3814	<5	<.2	140	<1	<2	18
3815	25	<.2	540	61	<2	80
3906	<5	<.2	1140	12	<2	60
4854	<5	0.6	940	22	18	72
4855	35	0.6	1560	61	16	86
4856	<5	<.2	1680	155	<2	34
4857	100	72	110	29800	<2	32
4858	<5	<.2	1150	100	<2	98
4859	<5	<.2	865	60	10	68
4860	425	28	90	120000	<2	<2
4861	<5	<.2	19000	468	<2	22
4862	<5	<.2	>50000	314	<2	8
4863	<5	<.2	630	341	<2	150
4864	<5	<.2	720	33	<2	54
4865	<5	<.2	380	108	<2	100
4866	<5	<.2	1100	31	16	36
4867	<5	<.2	970	51	8	28
4868	<5	<.2	20	9	<2	16
4869	<5	<.2	10	7	34	16
4870	<5	<.2	760	128	<2	72
4871	<5	<.2	1525	33	<2	12
10287	<5	0.4	180	410	<2	106
230775	35	8	90	154	5000	79000
230776	<5	<.2	130	56	2	358
230777		2.6	60	151	108	326
230778	35	2.8	120	299	1340	134000
230779	10	2.2	220	212	1460	61900
230780	120	0.2	10	71	24	206
230781	60	14.6	30	241	22800	157000
230782	75	34	50	462	66100	135000
230783	<5	0.8	320	35	622	3680
230784	<5	1	80	36	1320	3410
230785	<5	0.4	1650	54	38	250
230786	<5	<.2	250	56	42	74
230787	<5	3.2	170	885	10	<2

1996 Silt Sample Analyses

Sample Number	Gold (ppb)	Silver (ppm)	Barium (ppm)	Copper (ppm)	Lead (ppm)	Zinc (ppm)
10317	45	<.2	1740	19	8	106
10319	<5	<.2	1040	14	8	112
10321	<5	0.2	1500	31	8	128
10323	<5	0.2	1280	32	10	138
10601	10	<.2	1680	37	10	122
10603	<5	0.2	1000	20	2	76
358478	<5	<.2	1100	17	2	58
358480	<5	<.2	1400	14	2	68
358482	<5	0.2	1520	24	8	110
358484	<5	<.2	1580	15	8	90
358486	<5	<.2	1400	18	8	82
358487	<5	<.2	1500	16	8	78
358489	<5	<.2	1800	23	8	116

1996 Field Sieved Silt Analyses

Sample Number	Gold (ppb)	Silver (ppm)	Barium (ppm)	Copper (ppm)	Lead (ppm)	Zinc (ppm)
10318	<5	<.2	2100	10	6	82
10320	<5	<.2	1060	10	6	106
10322	25	<.2	1180	23	6	114
10324	<5	<.2	1300	16	8	98
10602	<5	<.2	2000	24	8	96
10604	<5	<.2	900	16	2	76
358479	<5	<.2	1020	16	2	58
358481	<5	<.2	1400	6	2	56
358483	<5	<.2	1340	14	8	84
358485	<5	<.2	1400	9	6	74
358488	<5	<.2	1560	14	8	72
358490	<5	<.2	1620	16	6	98

1997 Rock Sample Analyses

Sample Number	Gold (ppb)	Silver (ppm)	Barium (ppm)	Copper (ppm)	Lead (ppm)	Zinc (ppm)
108482	<5	<.2	70	121	<2	42
108483	<5	<.2	70	298	6	88
108484	<5	<.2	70	5	<2	44
108485	<5	<.2	0.9%	16	<2	34
108486	<5	<.2	3300	13	<2	34
108487	<5	<.2	8880	121	<2	256
108488	<5	1	90	<1	380	24
108531	<5	<.2	200	14	8	14
108522	<5	<.2	0.2	15	<2	46
108523	<5	<.2	1.1%	10	<2	12
108524	<5	<.2	17.3%	5	<2	46
108525	<5	<.2	9.4%	13	<2	38
108526	<5	<.2	15.0%	48	6	118
108527	95	<.2	0.4%	1835	48	64
108528	<5	<.2	1625	5	<2	14
108529	<5	<.2	285	8	<2	56
108530	<5	<.2	1470	140	<2	58
4901	<5	<.2	---	<1	<2	42
4902	<5	0.2	---	41	4	70
4903	<5	<.2	137	79	<2	46
4904	<5	<.2	0.2%	5	4	70
4905	<5	<.2	---	24	14	62
4906	15	<.2	---	61	8	82
4907	<5	<.2	---	56	<2	48
4908	20	<.2	---	13	6	16
4909	<5	<.2	0.3%	23	2	34
4910	<5	<.2	1165	18	16	32
230830	<5	<.2	---	32	4	128
230831	<5	0.2	---	83	4	282
230832	<5	<.2	---	45	<2	62
230833	40	0.2	---	384	2	108
230834	<5	<.2	---	23	<2	80
230835	<5	0.2	---	17	8	24
230836	<5	0.2	---	12	8	54
230837	<5	0.8	---	11	8	26

093812

TRUE NORTH
GRID NORTH
1°59'

METRES
0 500 1000 1500 2000

EXPATRIATE RESOURCES LTD.

LIP PROPERTY
GEOLOGY & GEOCHEMISTRY COMPILATION MAP

EQUITY	Date DEC. 1997	Scale 1 : 20,000	FIGURE 4
	U.T.M. Zone	Mining District WATSON LAKE	
	N.T.S. 105G/14	State/Province YUKON	

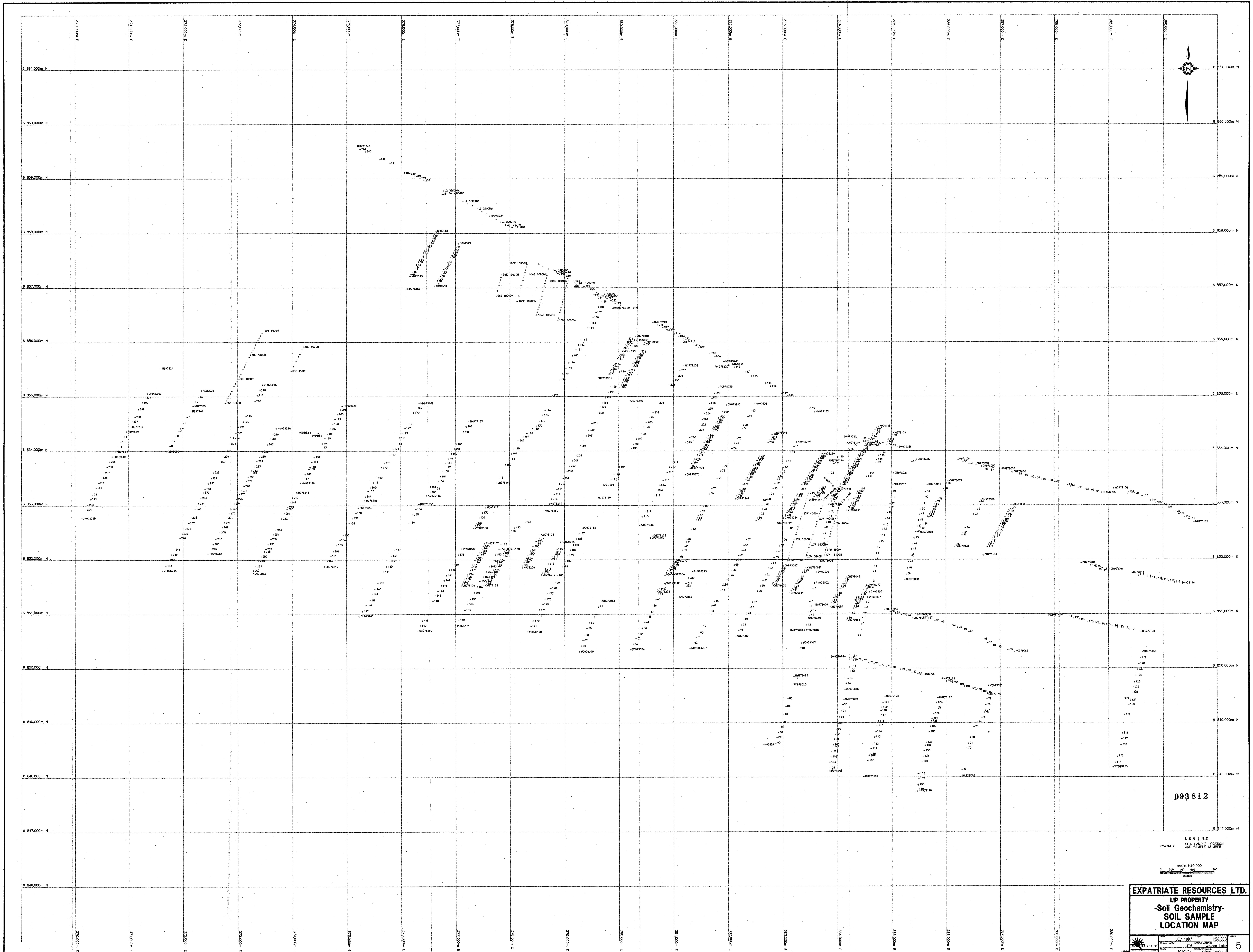
(1)

EXPATRIATE RESOURCES LTD.

LIP PROPERTY

CLAIM MAP

	Date DEC. 1997	Scale 1:20,000	FIGURE
	UTM Zone	Mining District WATSON LAKE	2
	N.T.S. 105G/14	State/Province YUKON	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6 860,000m N
6 859,000m N
6 858,000m N
6 857,000m N
6 856,000m N
6 855,000m N
6 854,000m N
6 853,000m N
6 852,000m N
6 851,000m N
6 850,000m N
6 849,000m N
6 848,000m N
6 847,000m N
6 846,000m N
370,000m E
371,000m E
372,000m E
373,000m E
374,000m E
375,000m E
376,000m E
377,000m E
378,000m E
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383,000m E
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385,000m E
386,000m E
387,000m E
388,000m E
389,000m E
390,000m E
N
093812
LEGEND
WC97S113
SOIL SAMPLE LOCATION AND SAMPLE NUMBER
scale: 1:20,000
0 200 400 600 1000
metres

EXPATRIATE RESOURCES LTD.

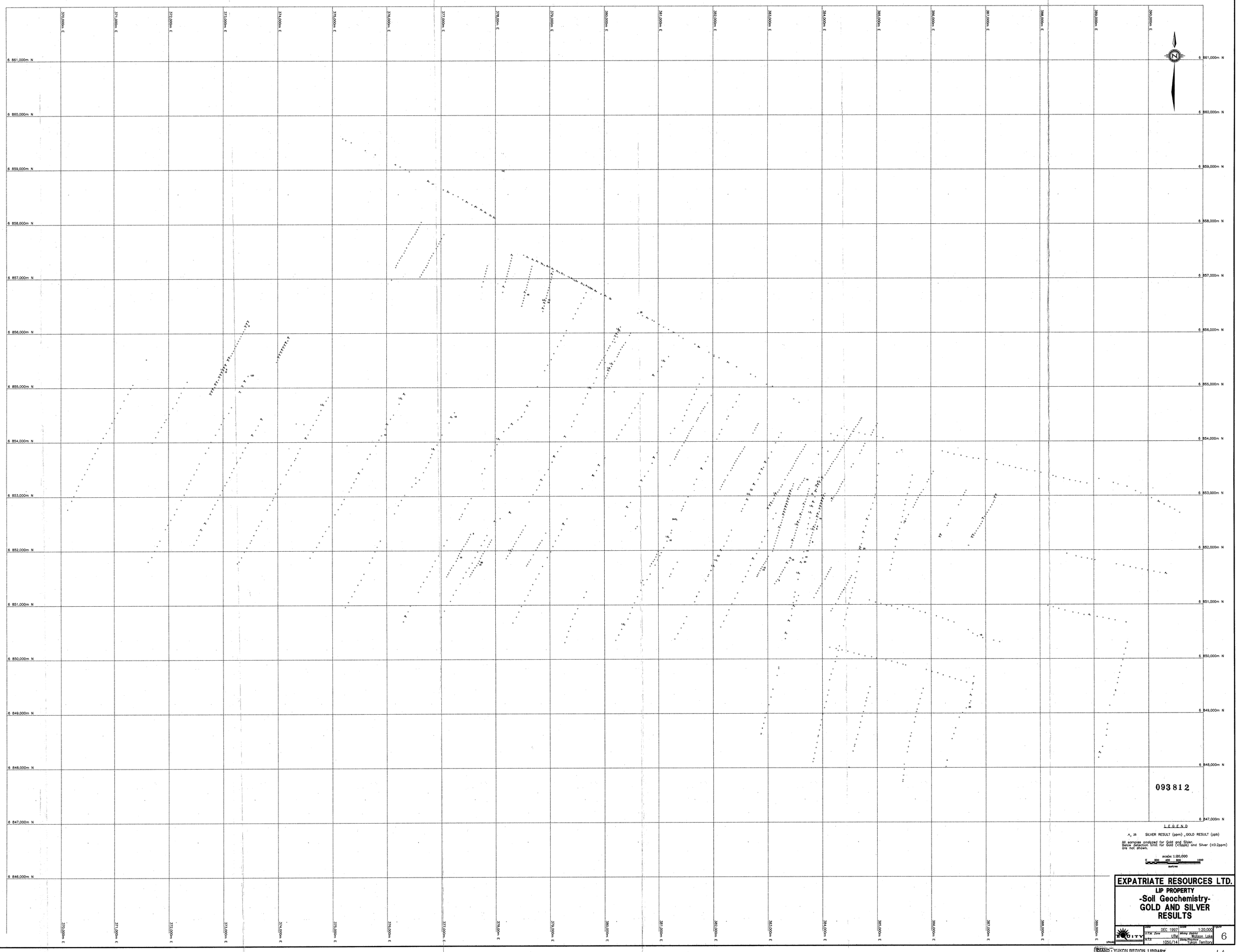
LIP PROPERTY
-Soil Geochemistry-
SOIL SAMPLE LOCATION MAP

Date: DEC 1997	Scale: 1:20,000	Figure: 5
U.T.M. Zone: UTM	Mining District: Watson Lake	
N.T.S.: 105G/14	State/Province: Yukon Territory	

EQUITY

LIPSAMP

3



093812

LEGEND

A, 25 SILVER RESULT (ppm), GOLD RESULT (ppb)

All samples analyzed for Gold and Silver.
Below detection limit for Gold (<5ppb) and Silver (<0.2ppm) are not shown.

scale: 1:20,000
0 200 400 600 800 1000
metres

EXPATRIATE RESOURCES LTD.

LIP PROPERTY

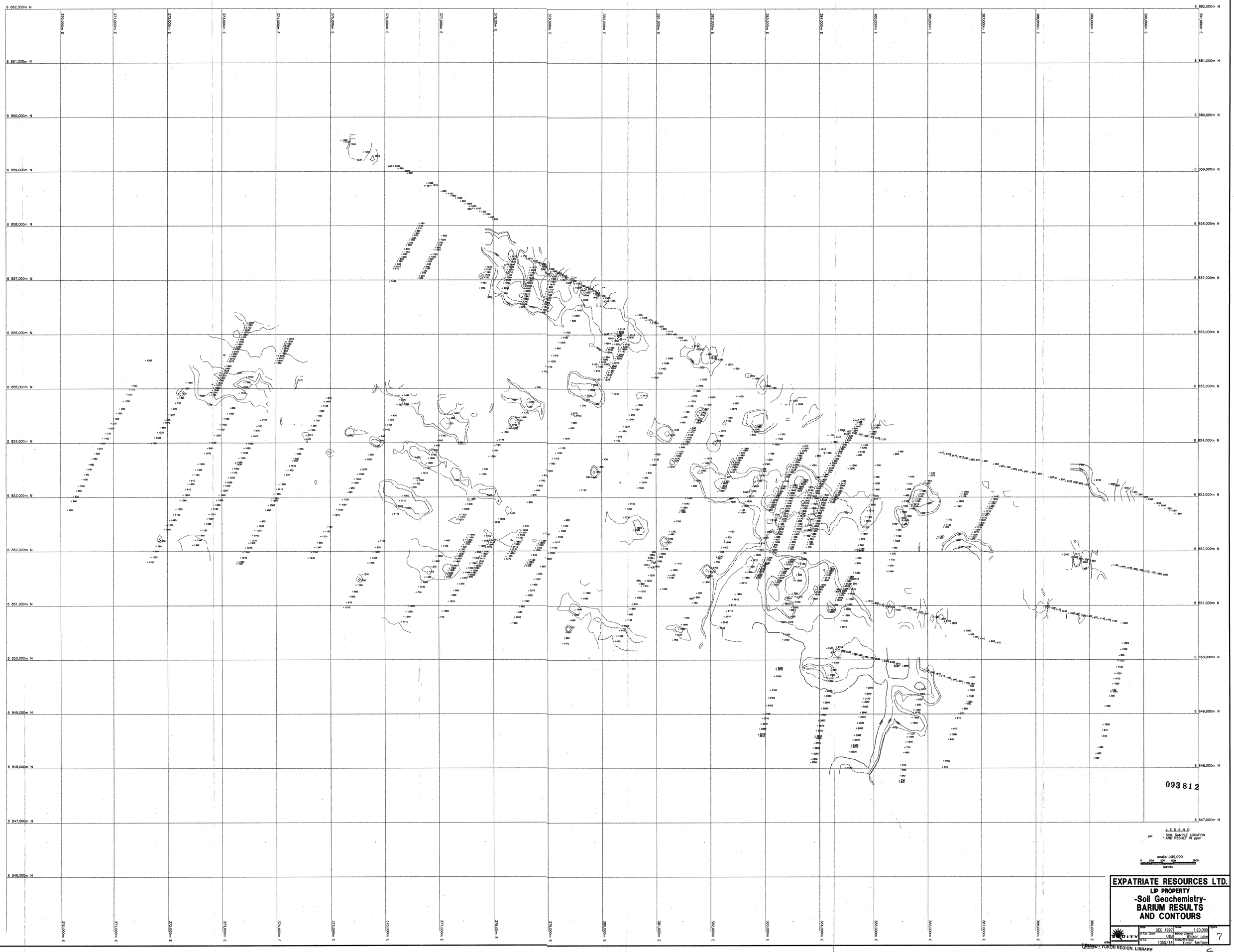
-Soil Geochemistry-

GOLD AND SILVER RESULTS

DATE	DEC 1997	SCALE	1:20,000
UTM# Zone	UTM	MINING DIVISION	Watson Lake
NTS	105G/14	STATE/PROVINCE	Yukon Territory

figure 6

4



093812

LEGEND

.950 SOIL SAMPLE LOCATION AND RESULT IN ppm

scale: 1:20,000

0 200 400 600 1000 metres

EXPATRIATE RESOURCES LTD.

LIP PROPERTY

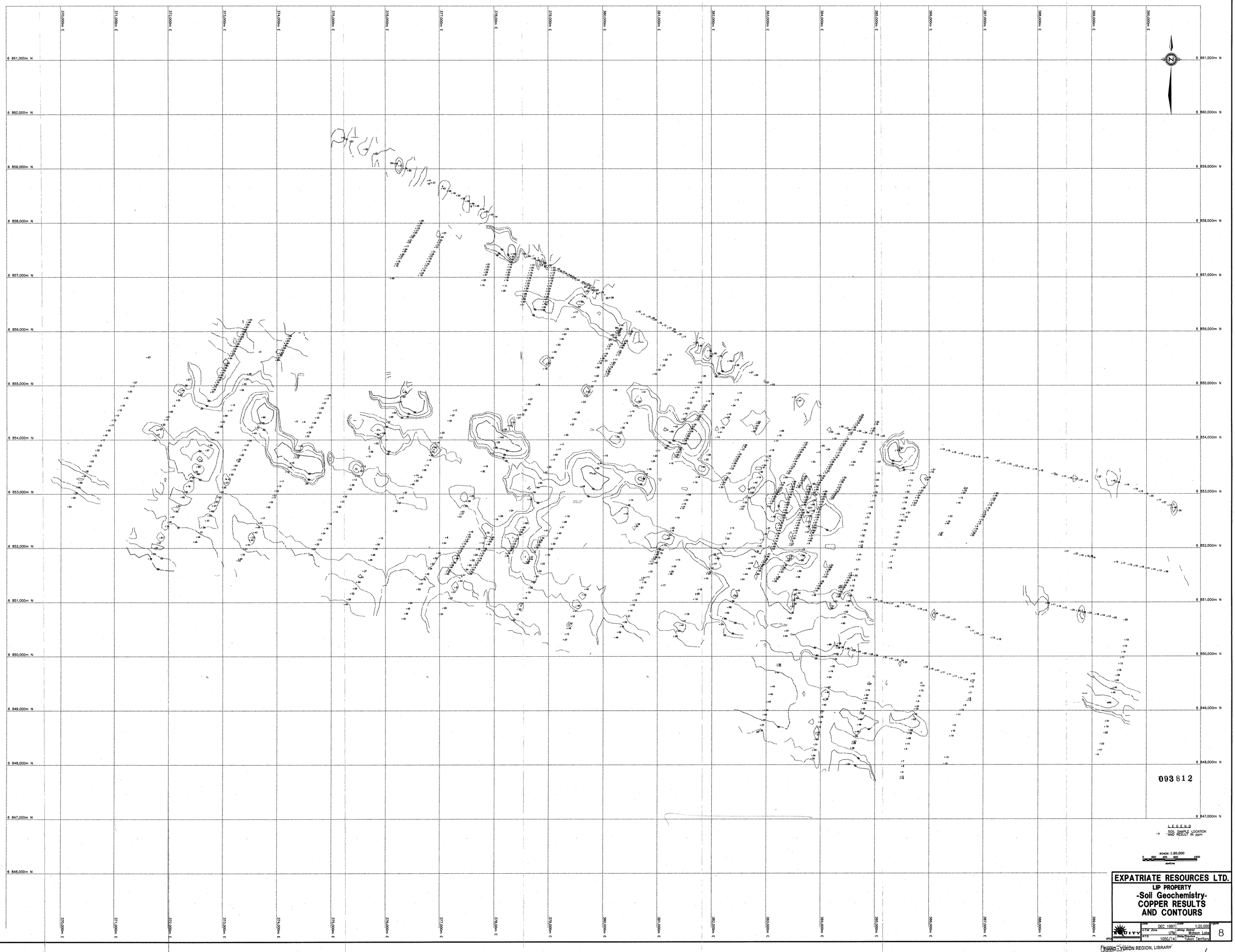
-Soil Geochemistry-

BARIUM RESULTS AND CONTOURS

DATE	DEC 1997	SCALE	1:20,000
N.T.M. Zone	UTM	Mining District	Watson Lake
N.T.S.	105O/14	Province / State	Yukon Territory

FIGURE 7

5



093812

LEGEND

+9 SOIL SAMPLE LOCATION AND RESULT IN ppm

scale: 1:20,000

0 200 400 600 1000 metres

EXPATRIATE RESOURCES LTD.

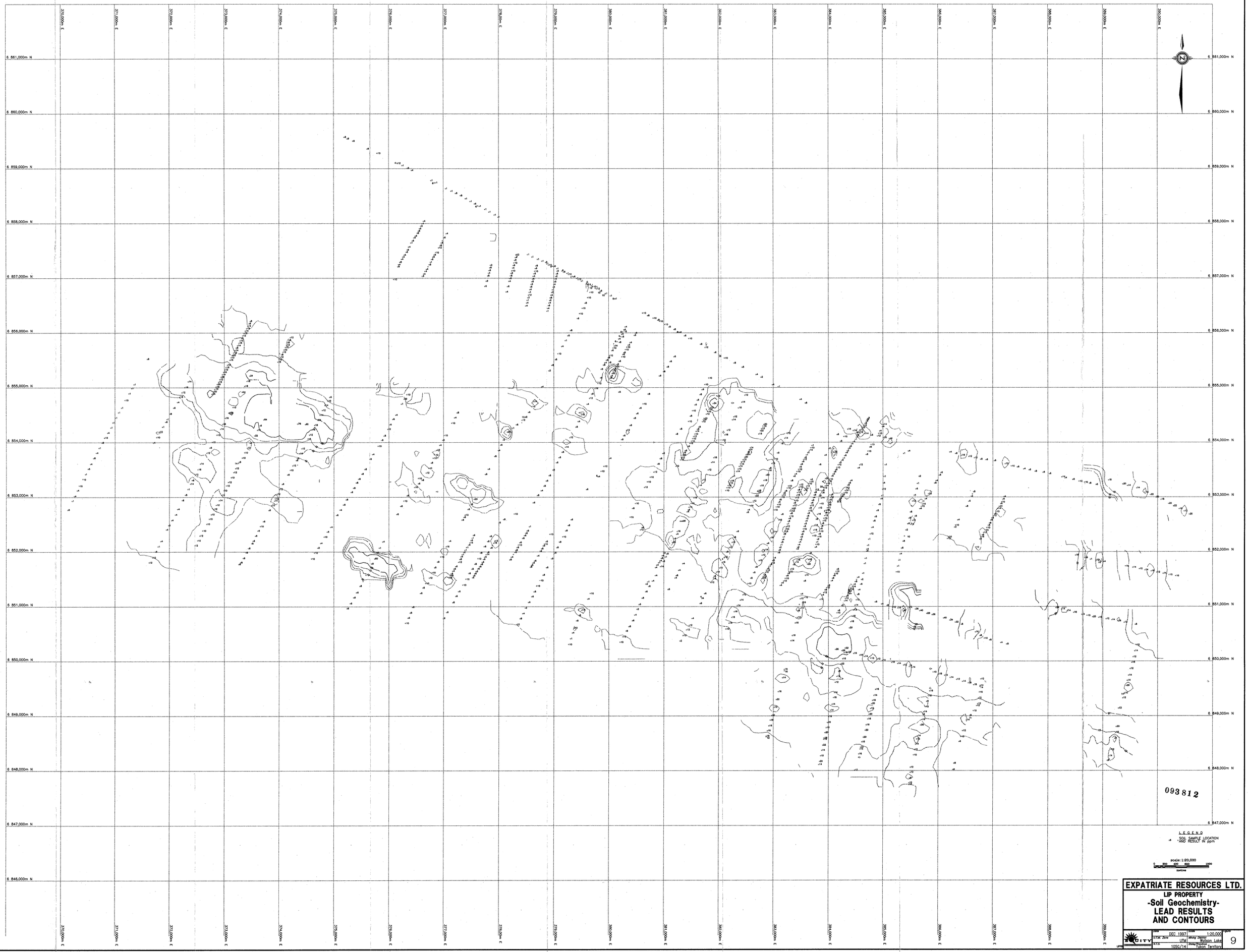
LIP PROPERTY

-Soil Geochemistry-

COPPER RESULTS AND CONTOURS

UTM	DEC 1997	Scale	1:20,000
UTM Zone	UTM	Mining Division	Watson Lake
N.T.S.	105O/14	Province/Territory	Yukon Territory

Figure 8



370,000m E
371,000m E
372,000m E
373,000m E
374,000m E
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388,000m E
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390,000m E

6 861,000m N
6 860,000m N
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6 858,000m N
6 857,000m N
6 856,000m N
6 855,000m N
6 854,000m N
6 853,000m N
6 852,000m N
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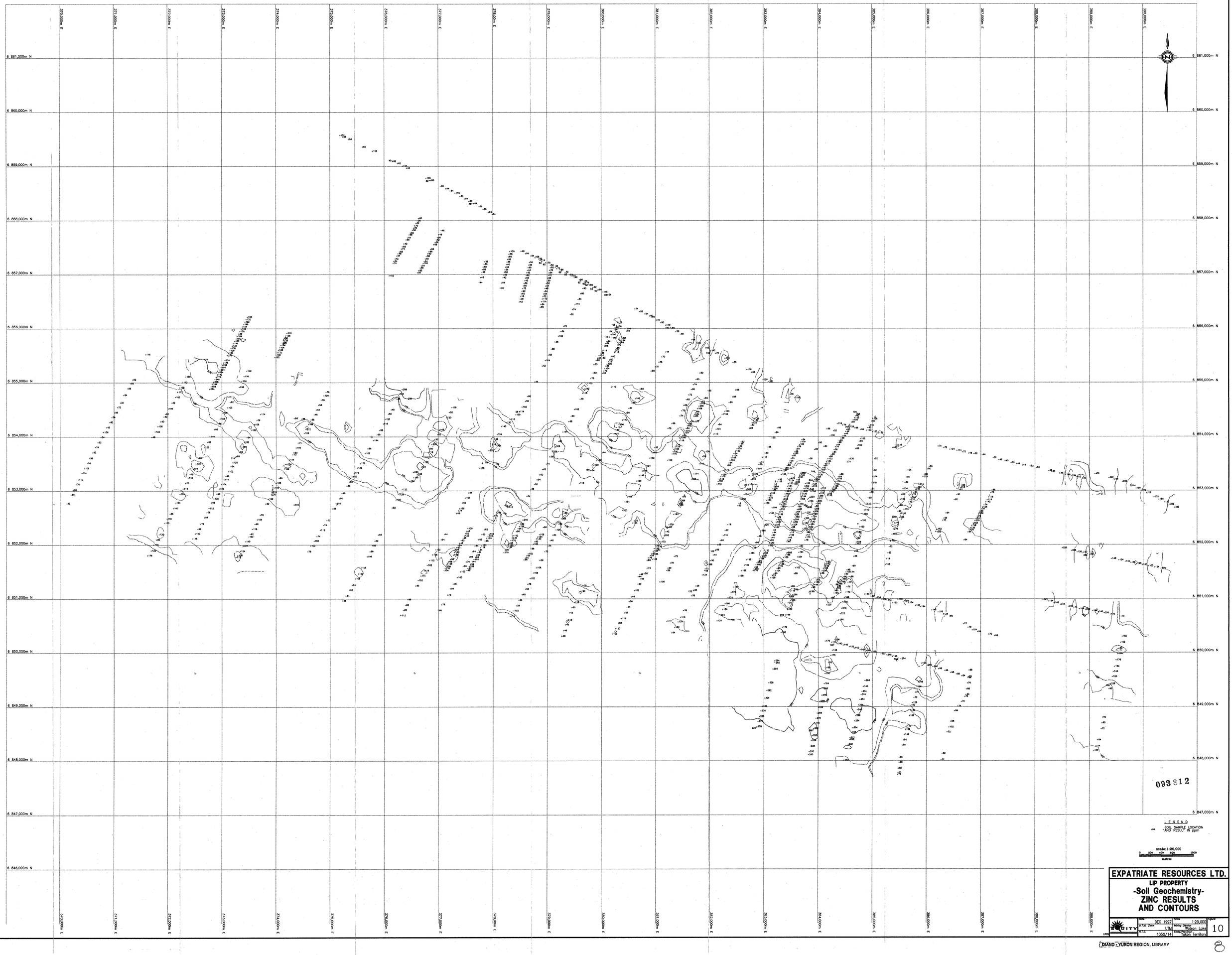
6 848,000m N
6 847,000m N
6 846,000m N



093 E 12

LEGEND

+84 SOIL SAMPLE LOCATION AND RESULT IN ppm

scale: 1:20,000
0 200 400 600 1000
metres

EXPATRIATE RESOURCES LTD.

LIP PROPERTY
-Soil Geochemistry-
ZINC RESULTS AND CONTOURS

CITY	Date: DEC 1997	Scale: 1:20,000	Figure: 10
	N.T.S.: 105O/14	Mining District: Watson Lake	
		Province/Territory: Yukon Territory	

8