PATHFINDER RESOURCES LTD.

1995 GEOCHEMICAL REPORT ON THE RDN 1-10 MINERAL CLAIMS

Located in the Eskay Creek Area
Liard Mining Division
NTS 104B/15E, 104G/2E
57° 00′ North Latitude
130° 37′ West Longitude

-prepared for-

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September, 1995

SUMMARY

The RDN 1-10 claims cover 135 units (approximately 3,300 hectares) of mountainous terrain in northwestern British Columbia, located approximately 120 kilometres northwest of Stewart. Access to the property is by helicopter from the Bob Quinn airstrip, which lies 24 kilometres to the east on the Stewart-Cassiar Highway. The claims are held under option by Pathfinder Resources Ltd..

The RDN 1-4 claims were staked in 1987 to cover a prominent gossan. Noranda Exploration optioned and explored the RDN property jointly with their wholly-owned GOZ claims from 1989 through 1991. They carried out extensive geochemical and geophysical surveys over the two properties, focused on narrow gold-rich veins, and drilled three holes totalling 345 metres on the RDN 2 claim. The option was dropped in 1991. Some of the GOZ claims were allowed to lapse and were restaked as the RDN 5-8 claims in May 1994 and March 1995. Initial prospecting, sampling and mapping by Pathfinder Resources in September 1994 suggested the property's potential for Eskay Creek-style mineralization.

The RDN property is largely underlain by Jurassic Hazelton Group stratigraphy similar in age, lithologies, alteration and mineralization to that which hosts the Eskay Creek gold-rich volcanogenic massive sulphide deposit 40 kilometres to the south-southeast. Like Eskay Creek, subvolcanic felsic porphyries intrude a felsic package which is overlain by fine-grained marine clastics and andesitic flows. The felsic intrusives and extrusives are extensively altered, pyritized and geochemically anomalous in lead, zinc, arsenic and antimony.

A broad northeasterly trending anticline has been dislocated by two north-northwesterly trending faults into three fault blocks. Five stratigraphic felsic/sediment contacts (four on the RDN claims) have been mapped or inferred within the three fault blocks, lying on the northwestern and southeastern limbs of the anticline. No massive sulphide mineralization has yet been discovered, but altered felsics beneath the Marcasite Gossan felsic/sediment contact assayed up to 141 g/tonne silver. Felsic float thought to be derived from another segment of the felsic/sediment contact, four kilometres to the north, assayed 11.6 g/tonne gold with anomalous silver, lead, zinc, copper, arsenic, antimony, mercury and bismuth.

Grid-based soil geochemistry was carried out over the four felsic/sediment contacts on the RDN claims in June and July of 1995. Soil samples were taken at 25 metre intervals along short cross-lines run 100 metres apart from a cut baseline. Several highly anomalous samples will require follow-up investigation, including one with 5.0 ppm silver, 98 ppm arsenic, 630 ppb mercury and 168 ppm lead, which was taken from the felsic/sediment contact above the Marcasite Gossan.

1995 GEOCHEMICAL REPORT ON THE RDN 1-10 MINERAL CLAIMS

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1.0 INTRODUCTION

The RDN 1-4 mineral claims were staked in October 1987 over a prominent gossan in the Iskut River area of northwestern British Columbia (Figure 1). They were staked and optioned to Noranda prior to the discovery of the gold-rich Eskay Creek volcanogenic massive sulphide (VMS) deposit located forty kilometres to the south-southeast. Noranda carried out exploration on the RDN claims and their adjoining GOZ claims from 1989 to 1991. Although stratigraphy equivalent to that which hosts the Eskay Creek deposit underlies most of the RDN property, very little exploration had been directed at this target type prior to its acquisition by Pathfinder Resources Ltd. in 1994. Reconnaissance of the RDN's felsic/sediment contacts in September 1994 revealed favourable stratigraphy and alteration, confirming the viability of the Eskay Creek exploration model.

A program of grid construction and soil sampling was carried out in June and July of 1995 by Equity Engineering Ltd., under contract to Pathfinder Resources Ltd.. Equity Engineering Ltd. has been retained to report on the results of this program.

2.0 LIST OF CLAIMS

The RDN property (Figure 2) consists of ten mineral claims totalling 135 units in the Liard Mining Division of British Columbia, as summarized in Table 2.0.1. Records of the British Columbia Ministry of Energy, Mines and Petroleum Resources indicate that the RDN 1-10 claims are owned by Pathfinder Resources Ltd.. Separate documents indicate that Pathfinder has been granted an option to acquire 100% of the RDN 1-10 claims from Neil Debock, Rockie Saliken and Equity Engineering Ltd., subject to certain terms and conditions.

TABLE 2.0.1
CLAIM DATA

Claim Name	Tenure Number	No. of Units	Record Date	Expiry Year
RDN 1	222843	10	November 9, 1987	1997
RDN 2	222844	10	November 9, 1987	1997
RDN 3	222845	10	November 9, 1987	1996
RDN 4	222846	10	November 9, 1987	1996
RDN 5	325559	12	May 24, 1994	1997
RDN 6	325560	15	May 24, 1994	1997
RDN 7	334660	20	March 21, 1995	1996
RDN 8	334661	20	March 21, 1995	1996
RDN 9	334662	8	March 22, 1995	1996
RDN 10	334663	20	March 22, 1995	1996
		135		

The RDN 1-4 and GOZ 1-4 legal corner posts were located in the field by the author; the RDN 5-10 legal corner posts were located

Km 0 100 200 300 400 500 Km

MILES 0 50 100 200 300 MILES

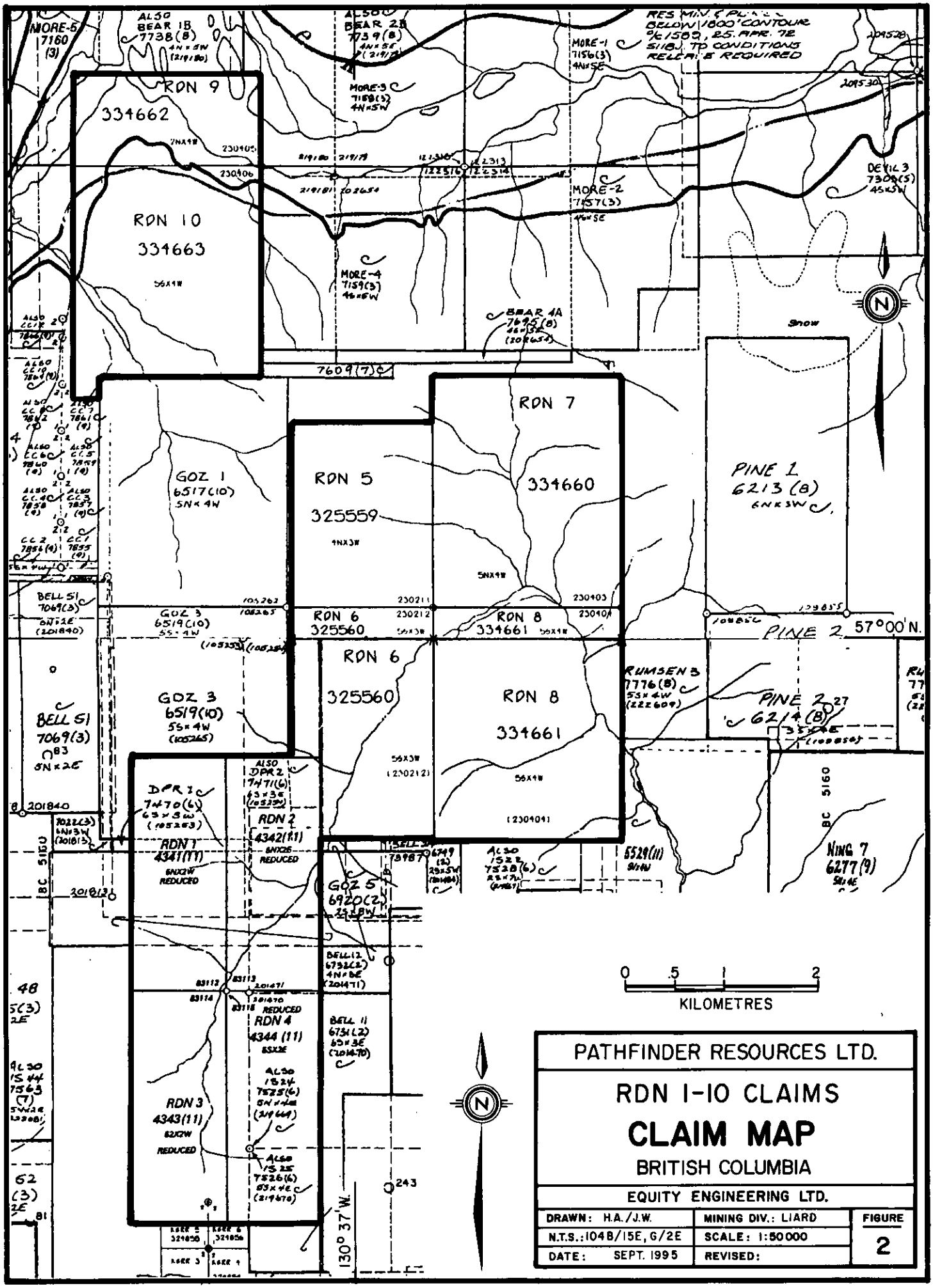
PATHFINDER RESOURCES LTD.

RDN 1-10 CLAIMS
LOCATION MAP

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN: J.W./H.A.	MINING DIV.: LIARD	FIGURE
N.T.S.: 104B/15E, G/2E	SCALE: AS SHOWN	1
DATE: SEPT. 1995	REVISED:	



PATHFINDER RESOURCES LTD.

RDN 1-10 CLAIMS

CLAIM MAP

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN: H.A./J.W.	MINING DIV.: LIARD	FIGURE
N.T.S.: 104B/15E, G/2E	SCALE: 1:50000	2
DATE: SEPT. 1995	REVISED:	

by Equity Engineering Ltd. field personnel.

3.0 LOCATION, ACCESS AND GEOGRAPHY

The RDN mineral claims lie along Downpour and More Creeks in the Coast Range Mountains, approximately 120 kilometres northwest of Stewart, British Columbia and 120 kilometres east of Wrangell, Alaska (Figure 1). The property lies within the Liard Mining Division, centred at 57° 00′ north latitude and 130° 37′ west longitude.

The best access to the property is by helicopter from Bob Quinn airstrip, twenty kilometres to the east, which lies on the Stewart-Cassiar highway. Bob Quinn airstrip is suitable for fixed-wing aircraft of any size. The Eskay Creek access road passes within fifteen kilometres to the south of the RDN property.

The RDN 1-8 claims cover the headwaters of Downpour Creek, a tributary of the Iskut River. The RDN 9-10 claims extend north from a point one kilometre northwest of the RDN 5 claim, covering a ridge which drops down to the broad floodplain of More Creek. Topography is rugged, typical of mountainous and glaciated terrain, with elevations ranging from 490 metres on More Creek and 930 metres on Downpour Creek to over 2000 metres on an unnamed peak on the RDN 4 claim. Alluvium, till and outwash fill the bottom of the Downpour and More valleys. In particular, outcrop is sparse in the broad valley floor at the upper end of Downpour Creek, limited to creek and gully exposures.

Much of the property lies above treeline, covered by open alpine vegetation. Tag alder and alpine fir are common below treeline, which averages 1400 metres in elevation. Both summer and winter temperatures are moderate although annual rainfall may exceed 200 centimetres and several metres of snow commonly fall at higher elevations. The property can be worked from the middle of May until mid-September.

4.0 PROPERTY MINING HISTORY

4.1 Previous Work

The RDN 1-4 claims were staked in November 1987 to cover a small but intense gossan on which no work had previously been reported. At the time, the Iskut River district was receiving intensive exploration for gold-bearing quartz-sulphide veins similar to those which were later developed into the Skyline and Snip mines. The following September, Neil Debock carried out three days of prospecting on the claims, taking ten silt samples and 27 rock samples. Two rock samples exceeded 50 g/tonne silver, with the best assaying 207.6 g/tonne (6.1 oz/ton) silver (DeBock, 1989).

Noranda Exploration Company staked their GOZ claims immediately

north of the RDN property in October 1989 and optioned the RDN property. That year, Noranda collected two heavy mineral concentrates, 13 silt samples, 10 talus fine samples and 23 rock samples from the RDN 1-4 claims. Gold and silver values were generally low in rock and talus fine samples, but rock samples from two gossans contained anomalous arsenic and antimony, with up to 1196 ppm Sb and 831 ppm As. A heavy mineral concentrate from Downpour Creek returned 2410 ppb gold and a silt sample taken upstream from one of its tributaries contained 164 ppb gold (Savell, 1990a).

In 1990, Noranda and High Frontier Resources Ltd. carried out a joint exploration program over the RDN and GOZ claims, taking 32 heavy mineral concentrates, 91 silt samples, 1384 soil samples and 464 reconnaissance rock samples (Savell, 1990b). They laid out sixty kilometres of grid over the gossanous felsic tuffs, with a baseline oriented at 010° and crosslines every 100 metres, and carried out 20 line-kilometres of ground magnetic and 14.9 line-kilometres of HLEM and VLF-EM surveys, detailing anomalies reported from an airborne magnetic and electromagnetic survey (Savell, 1991). Prospecting resulted in the discovery of several gold-bearing showings, mainly consisting of quartz-sulphide veins within the felsic tuffs on the GOZ claims. Fifteen holes totalling 1546 metres of BGM core were drilled on the GOZ claims. With two exceptions, all holes were drilled on the GOZ 1 and 3 claims within the felsic tuffs and their subvolcanic intrusives. Holes RG90-12 and -13, the two exceptions, were targeted at the overlying marine sediments on the present RDN 6 claim but had to be abandoned in overburden (Savell, 1990b).

In 1991, Noranda and High Frontier continued exploration on the RDN and GOZ properties (Savell and Grill, 1991). A new grid was established, almost entirely within the felsic tuffs and subvolcanic porphyries, which straddled the northern boundary of the RDN 2 claim. Its baseline was oriented at 155°; five crosslines were run at 065° from it, spaced 200 metres apart. All lines were surveyed with HLEM and two were surveyed with induced polarization techniques. Fifteen holes, totalling 2087 metres of BGM core, were drilled on the GOZ and RDN properties. Of this, 345.3 metres were drilled in three holes from two sites on the RDN 2 claim. Two of these holes, RG91-26 and -27, were drilled within sediments but failed to reach the felsic/sediment contact. The third hole, RG91-19, was drilled entirely within altered, pyritic feldspar porphyry, with no significant assays. A fourth hole, RG91-18, was collared on the western boundary of the current RDN 6 claim and intersected 9.9 metres grading 0.43% Zn, 0.18% Cu and 0.14% Pb within the subvolcanic porphyry.

Following the 1991 program, Noranda terminated their option on the RDN claims and has not recorded further work on their GOZ claims. Their GOZ 2, 4, 6 and 7 claims were allowed to lapse in 1993 and were partially re-staked as the RDN 5-8 claims in May 1994 and March 1995.

In March 1990, Adrian Resources Ltd. and Skeena Resources Ltd. each staked claims to the north of the GOZ property and contested ownership. Exploration work was done by each group that summer. Adrian carried out reconnaissance mapping and took 14 silt samples, 3 soil samples and 37 rock samples (Dunn, 1990). Noranda optioned Skeena's More claims, established twenty kilometres of grid and collected 404 soils, 35 rocks, 20 silts and 2 heavy mineral samples. The grid was oriented north-south, with east-west cross-lines every 200 metres. They also surveyed 13.1 line-kilometres of ground magnetics and 4.5 line-kilometres of ground electromagnetics in 1990 (Savell and Wong, 1991). The following year, Noranda carried out two test lines of IP and analyzed 27 rocks, 59 soils and 12 silts from the More claims. Results are not available from this program.

In 1991, Adrian optioned the More claims from Skeena and Noranda and carried out detailed geological mapping. Infill lines at 100 metre spacings were added to Noranda's grid, and a further 279 soils, 109 rocks and 22 basal till samples were taken from the grid area. The soil geochemistry showed a 200 x 700 metre, northerly-trending, Pb+Zn$\pm$Au$\pm$As$\pm$Ag$\pm$Cu anomaly with peak values of 460 ppb Au, 620 ppm Pb, 1200 ppm Zn and 352 ppm Cu. This soil anomaly, which remains open to the north, covered felsic volcanics and overlying intermediate/mafic volcanics and clastics. Two mineralized zones were reported from within silicified and carbonate-altered felsic volcanics. The Main Showing had grab samples grading up to 4.6 g/tonne Au, 2500 ppm Cu, 1400 ppm Pb and 10.6% Zn. The Gem Showing, located 1,000 metres to the south in a separate soil geochemical anomaly, returned values up to 2.2 g/tonne Au, 18 ppm Ag, 2400 ppm Cu, 1100 ppm Pb and 1400 ppm Zn (McArthur et al, 1991). Trenching was apparently carried out by Adrian the following year, but was never recorded and no information is available. The More 5 and 6 claims lapsed on March 21, 1995 and were restaked the following day as the RDN 9 and 10 claims.

Pathfinder Resources Ltd. optioned the RDN property in 1994 and carried out a reconnaissance exploration program on the RDN 1-6 claims, designed to evaluate their potential to host Eskay Creek-style stratabound gold-silver-lead-zinc mineralization. In particular, geological mapping and prospecting were focused along six kilometres of felsic/sediment contact, with a total of 67 rock samples (including 24 whole rock samples), 6 silt samples and 3 soil samples collected during sixteen man-days. Six thin sections were described from subvolcanic porphyry intrusives and variably altered felsic lapilli tuff, revealing intense potassic alteration within the felsic rocks. No massive sulphide mineralization was discovered, but altered felsics beneath the Marcasite Gossan felsic/sediment contact assayed up to 141 g/tonne silver. Felsic float thought to be derived from another segment of the felsic/sediment contact, four kilometres to the north, assayed 11.6 g/tonne gold with anomalous silver, lead, zinc, copper, arsenic, antimony, mercury and bismuth (Awmack, 1995).

4.2 1995 Exploration Program

In June and July of 1995, Pathfinder Resources Ltd. carried out a grid-based soil geochemical survey over the RDN 1-8 claims, designed to cover four known or suspected segments of the felsic/sediment contact. The program was executed by four men with three fly camps serviced by a Vancouver Island Helicopters Jet Ranger based out of Stewart.

A total of 6.8 kilometres of north-south baselines and 2.05 kilometres of east-west tielines were cut, hard-chained and picketed. Crosslines 100 metres apart were run with compass and hipchain. All lines were slope-corrected with clinometer. Grid north was oriented at an azimuth of 358.5°, so that lines are parallel to the UTM grid. Station numbers correspond to the final four digits of the UTM coordinates. In total, 574 soil samples were collected at 25 metre intervals along crosslines. Wherever possible, soil samples were taken from the red-brown "B" horizon; no samples were taken in areas underlain by glacial moraine or alluvial fans.

Eight samples of altered or mineralized float and outcrop, described in Appendix C, were also taken during the course of the geochemical survey. All rock and soil samples were analyzed geochemically for gold and mercury, and by ICP for 32 elements, using an aqua regia digestion, at Chemex Labs in North Vancouver, British Columbia. Analytical certificates form Appendix D.

5.0 REGIONAL GEOLOGY

The area around the RDN claims is underlain by mid-Paleozoic and Mesozoic island arc successions which are overlapped to the east by clastic sediments of the Bowser Basin. Regional mapping has been carried out at a scale of 1:50,000 by Logan et al (1990a,b; 1992) of the BCGS and by Read et al (1989) of the GSC.

The Paleozoic Stikine Assemblage in the vicinity of the RDN claims comprises foliated mafic to intermediate metavolcanics, fine clastic metasediments and massive Permian limestone.

The Stikine Assemblage is unconformably overlain by island arc volcanics and sediments of the Upper Triassic Stuhini Group. At the base of the Stuhini Group is a thick package of fine-grained volcaniclastics and sediments, dominated by volcanic wackes, arenites and interbedded siltstone and argillite. These units interfinger with overlying massive green tuff. East of Downpour Creek, a few thousand metres of green and minor maroon plagioclase-phyric breccia and flows interfinger with, and overlie, the green tuff.

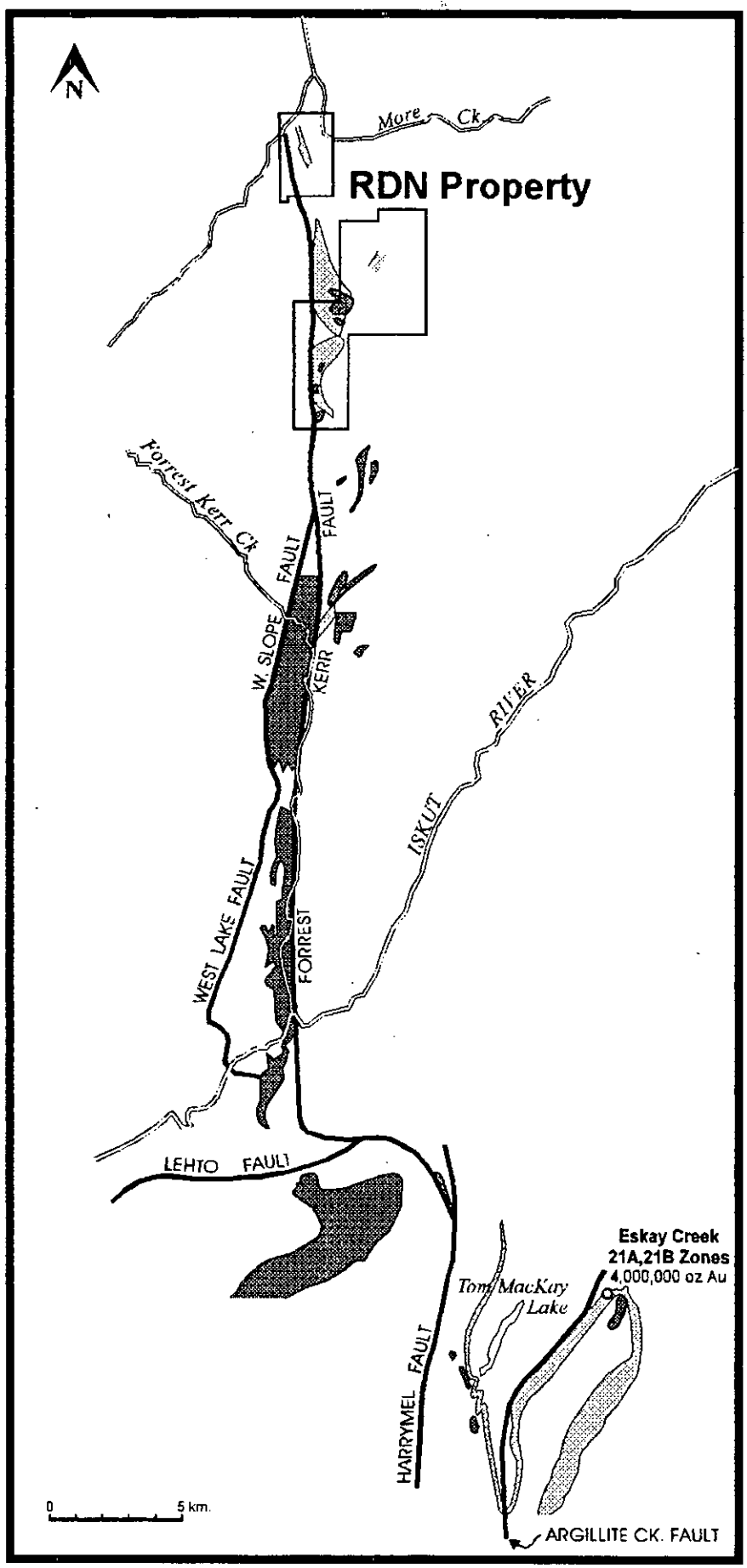
The Early to Middle Jurassic Hazelton Group unconformably overlies the Stuhini Group, comprising four formations: Unuk River, Betty Creek, Mount Dilworth and Salmon River (from oldest to

youngest). The Unuk River Formation is a thick sequence of Hettangian andesitic pyroclastics and flows with tuffaceous turbidite, wacke and conglomerate interbeds. The Betty Creek Formation, of Upper Pliensbachian age, consists of andesitic to dacitic tuffs and flows interbedded with volcaniclastic sediments and columnar-jointed dacites. The Mount Dilworth Formation is a thin but regionally extensive felsic unit which disconformably overlies the Betty Creek Formation. It is overlain by the Salmon River Formation, a thick sequence of Toarcian to Bajocian siltstones, fine sandstones and pillow basalt with minor conglomeratic, tuffaceous or volcanic interbeds.

In the vicinity of the RDN property, the Salmon River Formation can be divided into three members: a lower fine clastic member, a middle pillow basalt member and an upper tuff/wacke member with conglomerate interbeds. On the RDN 5 and 6 claims, Logan et al (1990a,b) mapped "at least 1000 metres of interbedded shale and siltstone...the shales are fissile; siltstones and thin sandstone beds contain abundant carbonaceous wood fragments...Fossils from interbedded limestone horizons located north of the map area indicate an Early Jurassic (late Toarcian) age". These are interbedded with pillow and flow breccia basalts and their associated dioritic to gabbroic feeder sills and dykes. Silicious siltstones, pyritic cherts, conglomerates and tuffs overlie and interfinger with the pillow basalts. Anderson and Thorkelson (1990) divided the Salmon River Formation into three facies, with both Eskay Creek and the RDN property lying within their medial Eskay Creek Facies. Middle Jurassic Bowser Lake Group sediments conformably overlie the Salmon River Formation.

Read et al (1989) mapped several small feldspar$\pm$quartz porphyry plugs and dykes near the Forrest Kerr Fault (Figure 3). Souther (1972) had previously assigned these plugs a Late Cretaceous to Early Tertiary age, but Read noted cobbles of this unit in basal conglomerates of the Middle to Upper Jurassic Bowser Lake Group. He postulated that the felsic plugs and dykes were actually subvolcanic feeders to the Early to Middle Jurassic Hazelton Group felsic volcanics. Bartsch (1993a,b) showed that similar feldspar porphyry intrusives at Eskay Creek form part of a dacitic to rhyolitic flow dome complex in the Mount Dilworth Formation and at the base of the Salmon River Formation; they would be Early Jurassic (Toarcian?) in age.

The first phase of structural deformation in the area is marked by widespread phyllite and foliated greenstone in Lower Permian and older rocks, unaccompanied by macroscopic folding (Read et al, 1989). A second, post-Jurassic, phase of folding produced northerly-trending upright folds. Bowser Lake Group rocks are affected by a third phase of deformation, with folding about northwesterly trending axial planes. Fault trends are complex, with a northerly trending set and an anastomosing east-northeast set. The subvertical Forrest Kerr Fault, which passes through the RDN claims, is a major northerly-trending fault which can be traced for more than 40 kilometres. Read et al (1989) estimate a left-



Hazelton Group felsic volcanics

Lower Jurassic intrusive porphyries

PATHFINDER RESOURCES LTD.

RDN 1 - 10 CLAIMS

REGIONAL GEOLOGY

BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN: H.A. / g.e.l	MINING DIV.: Liard		FIGURE: 3
N.T.S.: 104B/15E, G2/E	SCALE: as shown		
DATE: Sept. 1995	REVISED:		

lateral horizontal displacement of 2.5 kilometres and a minimum vertical displacement of 2 kilometres (east-side down) for it. Britton et al (1989) suggest that to the south, the Forrest Kerr Fault steps eastward and continues south for another 20 kilometres as the Harrymel Creek Fault. This fault, which truncates Hazelton Group stratigraphy immediately west of the Eskay Creek deposit, is "a zone of recent faulting that may represent a long-lived crustal break" (Britton et al, 1990). This "crustal break" may have localized Jurassic felsic volcanic centres such as Eskay Creek and RDN (Figure 3).

5.1 Eskay Creek Deposit

The Eskay Creek deposit is a gold- and silver-rich volcanogenic massive sulphide (VMS) deposit which occurs near the base of the Salmon River Formation, approximately forty kilometres south of the RDN property (Figure 3). Bartsch (1993b) believes the deposit to have formed within a deep marine sub-basin during the waning stages of rhyolitic volcanism near the top of the Hazelton Group. Geological reserves are 4.3 million tonnes grading 28.8 g/tonne gold and 1027 g/tonne silver. Mineable reserves within the 21B Zone are 1.08 million tonnes grading 65.5 g/tonne gold, 2930 g/tonne silver, 5.7% zinc, 0.77% copper and 2.89% lead (Bartsch, 1993b).

At Eskay Creek, the Betty Creek Formation has been divided into two informal members (Rye et al, 1993). The lower East Ridge Member comprises andesite-derived conglomerates, tuffs, lithic wackes and debris flow breccias. The upper Eskay Creek Member consists of coarse intermediate epiclastic rocks with minor mudstone, limestone and conglomerate. The overlying Mount Dilworth Formation at Eskay Creek forms a sequence of dacitic pyroclastic flows, tuffs, vesicular dacite fragmentals and flows ("Footwall Dacite"). These are overlain by three low-Ti rhyolitic flow dome complexes emplaced within a five-kilometre long belt ("Eskay Rhyolite"). Within the flow dome complexes, pyroclastic eruptions were followed by extrusion of viscous lavas, massive or flow-banded near the core, and autobrecciated outwards. A "black matrix breccia" forms a thin (<10 metres) carapace to the flow domes at their contact with overlying siltstone and basalt. At the base of the black matrix breccia, angular rhyolite clasts form a mosaic separated by black chert. Up-section, the matrix becomes siltier and rounded clasts with chilled margins are present. Narrow "black matrix breccia" zones locally cut flow-banded rhyolite below the black matrix carapace (Bartsch, 1993b).

Feldspar porphyry intrusives (the "Eskay Porphyry"), chemically equivalent to the Footwall Dacite (Bartsch, 1993b) and thought to be comagmatic, crosscut stratigraphy and reach their highest level directly beneath the 21A and 21B Zone deposits (Rye et al, 1993). Locally, potassium feldspar forms euhedral megacrysts up to 1.2 centimetres long. The felsic intrusives are pervasively altered to a quartz-sericite-potassium feldspar-chlorite-pyrite assemblage and form conspicuous gossanous ridges. Feeder dykes to the

rhyolitic flow domes are mineralogically similar to the Eskay porphyry (Bartsch, 1993b).

Submarine massive and pillowed basalt flows ("Hanging Wall Basalt") directly overlie the rhyolitic flow domes, or are separated by <1 metre black chert or 2-10 metre thick argillite beds. Bartsch (1993b) proposes a "21 Zone Sub-basin", bounded by syndepositional faults and filled by up to 20 metres of carbonaceous shale, finely laminated siltstone, minor lithic wacke and calcareous mudstone. The 21 Zone Sub-basin lies above the 21 Zone felsic dome and hosts the 21A and 21B Zone stratiform orebodies. The Hanging Wall Basalt exceeds 150 metres in thickness, contains thin intercalated argillite beds, and is overlain by a thick sequence of thin-bedded siltstone, shale and fine sandstone.

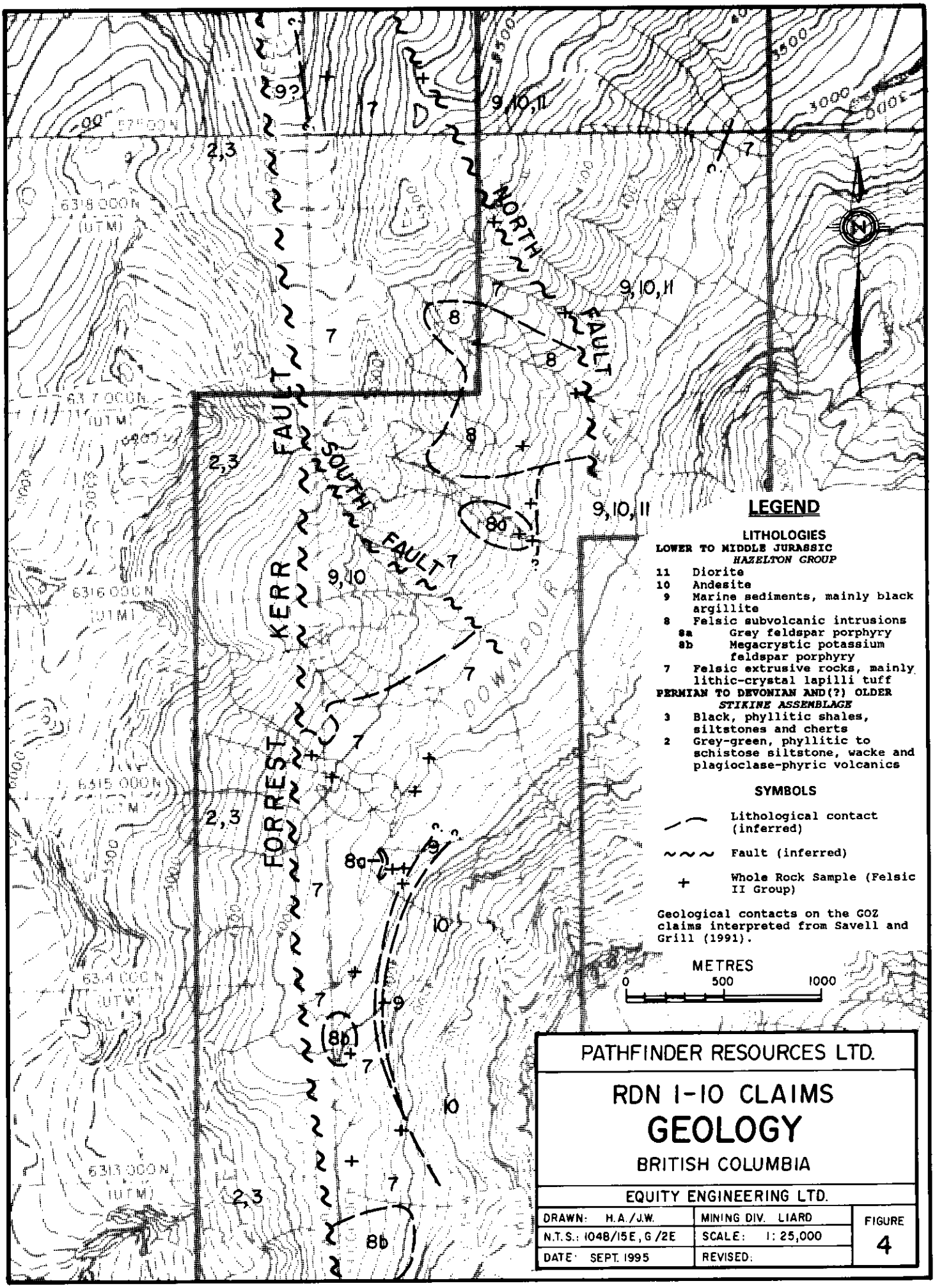
The bulk of economic mineralization at Eskay Creek is hosted within the 21 Zone Sub-basin as stratiform, synsedimentary fragmental-hosted semi-massive ore and as clastic sediments formed from sulphide-sulphosalt detritus. Mineralogy within the 21B Zone consists of sphalerite, tetrahedrite, boulangerite and bournonite with lesser pyrite and galena; the 21A Zone consists of stibnite, realgar, arsenopyrite and cinnabar. The immediate footwall to each zone is intensely fractured, altered to a chlorite-potassic feldspar-sericite assemblage and contains both vein and disseminated mineralization. Portions of the immediate footwall are included in the ore reserves. Deeper in the system, the Footwall Dacite, the Eskay Porphyry and the Eskay Rhyolite are silicified, sericitized and pyritized and contain scattered gold-silver-lead-zinc veins and disseminations. These footwall veins, occurring within prominent gossans, were the focus of exploration from 1932 to 1988 before the discovery of stratabound VMS mineralization.

The 21A Zone is 280 metres long, up to 100 metres wide and averages about 10 metres thick. It is separated by 140 metres of weak mineralization from the 21B Zone, which is about 900 metres long, 60-200 metres wide (Britton et al, 1990) and averages 5-6 metres thick (Northern Miner, March 8/93).

6.0 PROPERTY GEOLOGY

No geological mapping was carried out during the 1995 exploration program. The following has been summarized from Awmack (1995) in order to provide a geological framework for interpretation of the 1995 geochemical results.

The RDN property is divided by the Forrest Kerr Fault, a northerly-trending, steeply-dipping normal fault of regional extent (Figure 4). The western quarter of the property is underlain by Paleozoic metamorphic rocks of the Stikine Assemblage which strike north-south and dip moderately to steeply to the west. A metavolcanic package (Unit 2) comprises foliated grey-green



LEGEND

LITHOLOGIES

LOWER TO MIDDLE JURASSIC
HAZELTON GROUP

- 11 Diorite
- 10 Andesite
- 9 Marine sediments, mainly black argillite
- 8 Felsic subvolcanic intrusions
  - 8a Grey feldspar porphyry
  - 8b Megacrystic potassium feldspar porphyry
- 7 Felsic extrusive rocks, mainly lithic-crystal lapilli tuff

PERMIAN TO DEVONIAN AND(?) OLDER
STIKINE ASSEMBLAGE

- 3 Black, phyllitic shales, siltstones and cherts
- 2 Grey-green, phyllitic to schistose siltstone, wacke and plagioclase-phyric volcanics

SYMBOLS

- Lithological contact (inferred)
- Fault (inferred)
- \+ Whole Rock Sample (Felsic II Group)

Geological contacts on the GOZ claims interpreted from Savell and Grill (1991).

METRES
0 500 1000

PATHFINDER RESOURCES LTD.

RDN 1-10 CLAIMS
GEOLOGY
BRITISH COLUMBIA

EQUITY ENGINEERING LTD.

DRAWN: H.A./J.W.	MINING DIV. LIARD	FIGURE 4
N.T.S.: 104B/15E, G/2E	SCALE: 1:25,000	
DATE: SEPT. 1995	REVISED:	

plagioclase porphyry and phyllitic to schistose, tuffaceous siltstone and wacke. It alternates with a metasediment package (Unit 3) of black, phyllitic shale, siltstone and chert. Both are intruded by a foliated hornblende quartz diorite (Unit 1).

Mesozoic rocks of the Stuhini and Hazelton Groups lie east of the Forrest Kerr Fault. A fault-bounded wedge of Upper Triassic Stuhini Group has been mapped by Savell (1990b) over the east-central portion of the RDN 4 claim. The Hazelton Group can be divided into three stratigraphic packages, corresponding to the Dilworth and Salmon River Formations: felsic volcanics (Unit 7), marine clastic sediments (Unit 9) and intermediate/mafic volcanics (Unit 10). Two sets of intrusives are believed to be feeders to the felsic and intermediate/mafic volcanics, respectively: felsic feldspar porphyries (Unit 8) and diorite (Unit 11).

The felsic volcanics, consisting mainly of lithic-crystal lapilli tuff and intruded by subvolcanic feldspar (Unit 8a) and megacrystic potassium feldspar (Unit 8b) porphyries, are stratigraphically overlain by black argillite and siltstone (Unit 9a), which can be pyritic or graphitic. In places, the contact is marked by a basal conglomerate consisting of subrounded felsic clasts in a black argillitic matrix (Unit 9d). Interbedded with the marine sediments are andesitic volcanics, locally pillowed or tuffaceous, and dioritic sills and dykes.

The Hazelton rocks form a broad northeasterly-trending anticline, with the felsic volcanics lying in the core (Figure 4). The folded sequence is divided into three blocks by the North and South Faults, which trend north-northwesterly and dip steeply. This structural sequence has created four known and inferred segments of stratigraphic felsic/sediment contact on the RDN 1-8 claims.

7.0 GEOCHEMISTRY

7.1 Soil Geochemistry

The 1995 RDN soil geochemical grid covered known and inferred felsic/sediment contacts along Downpour Creek (Figure 5). Soil samples were taken at 25 metre intervals from short crosslines spaced 100 metres apart. Table 7.1.1 summarizes percentiles for elements of interest, calculated from the 574 soil samples taken in 1995. Figures 6-10 show complete results for Ag, As, Hg, Pb and Zn, contoured at the 80th percentile. Figure 11 displays highly anomalous values ($\geq$98th percentile) for these elements plus Au, Cu, Mo and Sb. Gold values are uniformly low throughout the grid, with a maximum value of 15 ppb.

TABLE 7.1.1
SOIL GEOCHEMISTRY: PERCENTILES

Percentile	Au (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Hg (ppb)	Mo (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
80th	<5	0.6	34	68	150	4	32	6	216
90th	<5	0.8	44	83	200	6	48	8	274
95th	<5	1.6	56	90	290	10	64	12	362
98th	<5	2.6	76	107	470	18	106	16	558
99th	10	3.8	94	123	570	22	130	20	634
Maximum	15	12.6	164	217	2600	59	248	50	902

The geochemical patterns for each element are quite spotty. These "thumbprint" signatures likely reflect local masking of bedrock by glacial material, talus and alluvial fans. In addition, an Eskay Creek-style target would consist of a few metres of massive sulphide mineralization along the felsic/sediment contact; it could easily be missed on some lines by sampling at 25 metre intervals.

The Marcasite Gossan consists of quartz-veined, silicified, potassium feldspar-altered and carbonate-altered felsic tuffs surrounding a plug of sericite-potassium feldspar-marcasite altered feldspar porphyry. Float samples from the felsic tuffs returned up to 208 ppm (6.1 oz/ton) Ag along with elevated As, Cu, Pb, Sb and Zn (Awmack, 1995). With the exception of arsenic and antimony, soil samples taken from over the Marcasite Gossan itself were quite low. Immediately upslope from the Marcasite Gossan, however, sample 4500N 425E was highly anomalous in silver (5.0 ppm), arsenic (98 ppm), mercury (630 ppb) and lead (168 ppm). This sample was taken right on the previously inferred location of the felsic/sediment contact, which is not exposed in this area, and could conceivably indicate stratiform mineralization of Eskay Creek type, located above the Marcasite Gossan footwall alteration zone.

The felsic/sediment contact to the south of the Marcasite Gossan returned low values for all elements, even in its segment stratigraphically above the South Gossan. Further south, lines 2600-2800N were run over a megacrystic potassium feldspar porphyry (Unit 8b) apparently without reaching eastward to the felsic/sediment contact. The porphyry is overlain by consistently high lead, zinc and silver values in soil samples, with peak values of 150 Pb, 778 Zn, 1.8 ppm Ag and 188 ppm Cu. No mineralization is known to explain these anomalies, which may be due to high background levels in the porphyry.

Lines 5200-5600N, which cover the felsic/sediment contact on the west limb of the anticline, returned several highly anomalous values for mercury, antimony, arsenic and molybdenum. Maximum values are 2600 ppb Hg, 50 ppm Sb, 120 ppm As, 59 ppm Mo, 130 ppm Pb, 902 ppm Zn and 3.8 ppm Ag. This is the area of the grid where bedrock is least likely to be masked by glacial or alluvial overburden; several small creeks and gullies cut through a metre or two of poorly-developed soil into outcrop. The majority of the

high values, on lines 5200-5400N, are likely underlain by felsic volcanics of Unit 7, but insufficient mapping has been carried out to locate this contact with certainty. The anomalies on lines 5500N and 5600N, including 5600N 200E (1060 ppb Hg, 57 ppm Mo and 902 ppm Zn), are apparently underlain by sediments, but further mapping will again be necessary to clarify this. In any case, these anomalies point to the possibility of undiscovered mineralization in this area. Whole rock analyses in 1994 showed this area to have some of the strongest potassium and silica enrichment on the RDN property (Awmack, 1995).

A few elevated silver, arsenic, lead and zinc values were returned from lines 6000N and 6100N, which lie on the north side of the South Fault. The felsic/sediment contact has not been mapped in this area, but its likely trend would pass through the centre of this anomalous cluster of samples.

Lines 7800-8900N covered a felsic/sediment contact inferred from an altered felsic boulder discovered in 1994, which had 11.6 g/tonne gold and elevated silver, lead, zinc, copper, arsenic, antimony, mercury and bismuth. Line 8300N, where the boulder was found, could not be sampled because of extensive alluvial fans. Sample 8400N 2225E was taken 150 metres northwest and upslope from the mineralized boulder; it returned 12.6 ppm Ag, the highest silver value from the survey. Several other highly anomalous soil samples were taken from this part of the grid, including values up to 248 ppm Pb, 638 ppm Zn and 217 ppm Cu.

7.2 Rock Geochemistry

Eight reconnaissance rock samples were taken during the course of the soil geochemical survey (Figure 5). Of these, only sample 3754 was mineralized, returning 1545 ppm As with no detectable gold or silver. It was taken from a 15 cm quartz-arsenopyrite vein within black siltstone/mudstone near the northern end of the grid.

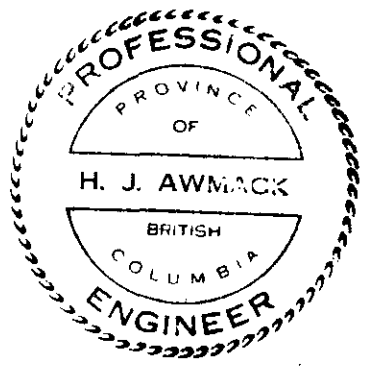
8.0 DISCUSSION

The 1995 soil geochemical program on the RDN property was designed to test its potential for hosting mineralization similar to the Eskay Creek gold-rich volcanogenic massive sulphide (VMS) deposit, which lies 40 kilometres to the south in a very similar geological setting. This program has provided a solid base for the future exploration of this target:

1) Grid control is in place over the known and inferred felsic/sediment contacts; geological, lithogeochemical (whole rock) and geophysical (magnetometer/VLF-EM) surveys should be carried out over it.
2) Cut baselines have been emplaced between the areas covered by the 1995 soil geochemical survey. These can be used to extend the geological, geochemical and geophysical surveys.
3) Several highly anomalous soil samples have been identified on the 1995 grid, requiring investigation by prospecting and

infill soil geochemistry. In particular, one sample taken along the felsic/sediment contact above the Marcasite Gossan contained 5.0 ppm Ag, 98 ppm As, 630 ppb Hg and 168 ppm Pb; its stratigraphic position suggests that it could lead to the discovery of stratiform Eskay-style mineralization.

Respectfully submitted,



Henry J. Awmack, P.Eng.
EQUITY ENGINEERING LTD.

Vancouver, British Columbia
September, 1995

APPENDIX A

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BIBLIOGRAPHY

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APPENDIX B

STATEMENTS OF EXPENDITURES

STATEMENT OF EXPENDITURES
RDN 3 AND 4 CLAIMS
June 12 - July 7, 1995

PROFESSIONAL FEES AND WAGES:		
Henry J. Awmack, P. Eng.		
0.15 days @ $425 day	$ 63.75	
Jim Lehtinen, P.Geo.		
5.4 days @ $425/day	2,295.00	
Jason Weber, Geologist		
0.05 days @ $350/day	17.50	
Bruce McCall, Sampler		
4.8 days @ $225/day	1,080.00	
Alexander Smith, Sampler		
4.4 days @ $225/day	990.00	
Tim Sullivan, Sampler		
4.4 days @ $225/day	990.00	$ 5,436.25
EQUIPMENT RENTALS:		
Fly Camp		
16.8 mandays @ $25/manday	$ 420.00	
4x4 Truck		
1 day @ $80/day	80.00	
4x4 Truck (Standby)		
4 days @ $30/day	120.00	
Chainsaw		
2 days @ $10/day	20.00	
Transit		
2.8 days @ $10/day	28.00	668.00
CHEMICAL ANALYSES:		
Soil samples (Au, Hg, 32-element ICP)		
117 @ $16.03	$ 1,875.51	
Rock samples (Au, Hg, 32-element ICP)		
2 @ $16.39	32.78	$ 1,908.29
EXPENSES:		
Materials and Supplies	$ 326.08	
Maps and Publications	33.59	
Printing and Reproductions	14.15	
Camp Supplies	9.16	
Camp Food	277.32	
Meals	34.37	
Accommodation	23.67	
Taxis	2.62	
Parking	1.60	
Automotive Fuel	91.56	
Helicopter Charters	1,260.59	
Airfare	96.55	
Telephone Distance Charges	11.51	
Courier	6.00	
Freight	70.29	
Radio Rentals	25.40	
Expediting	103.07	$ 2,387.53

REPORT (estimated):	$ 600.00
MANAGEMENT FEES:	
15% on expenses and analyses	734.37
SUBTOTAL:	$ 11,734.44
GST:	
7% on subtotal	821.41
	$ 12,555.85

Note: Expenses have been prorated between claim groups, based upon number of soil samples. RDN 3 and 4 have been assigned 20% of costs (117 soil samples out of a total of 576).

STATEMENT OF EXPENDITURES
RDN 1, 2, 5, 6, 7 AND 8 CLAIMS
June 12 - July 7, 1995

PROFESSIONAL FEES AND WAGES:		
Henry J. Awmack, P. Eng.		
0.60 days @ $425 day	$ 255.00	
Jim Lehtinen, P.Geo.		
21.6 days @ $425/day	9,180.00	
Jason Weber, Geologist		
0.20 days @ $350/day	70.00	
Bruce McCall, Sampler		
19.2 days @ $225/day	4,320.00	
Alexander Smith, Sampler		
17.6 days @ $225/day	3,960.00	
Tim Sullivan, Sampler		
17.6 days @ $225/day	3,960.00	$ 21,745.00
EQUIPMENT RENTALS:		
Fly Camp		
67.2 mandays @ $25/manday	$ 1,680.00	
4x4 Truck		
4 days @ $80/day	320.00	
4x4 Truck (Standby)		
16 days @ $30/day	480.00	
Chainsaw		
8 days @ $10/day	80.00	
Transit		
11.2 days @ $10/day	112.00	2,672.00
CHEMICAL ANALYSES:		
Soil samples (Au, Hg, 32-element ICP)		
117 @ $16.03	$ 7,355.57	
Rock samples (Au, Hg, 32-element ICP)		
6 @ $16.39	98.32	$ 7,453.89
EXPENSES:		
Materials and Supplies	$ 1,304.31	
Maps and Publications	134.35	
Printing and Reproductions	56.62	
Camp Supplies	36.63	
Camp Food	1,109.30	
Meals	137.50	
Accommodation	94.67	
Taxis	10.47	
Parking	6.40	
Automotive Fuel	366.22	
Helicopter Charters	5,042.38	
Airfare	386.20	
Telephone Distance Charges	46.04	
Courier	24.00	
Freight	281.16	
Radio Rentals	101.62	
Expediting	412.30	$ 9,550.17

REPORT (estimated):	$ 2,400.00
MANAGEMENT FEES:	
15% on expenses and analyses	2,910.61
SUBTOTAL:	$ 46,731.67
GST:	
7% on subtotal	3,271.22
	$ 50,002.89

Note: Expenses have been prorated between claim groups, based upon number of soil samples. RDN 1-2 and 5-8 have been assigned 80% of costs (459 soil samples out of a total of 576).

APPENDIX C

ROCK SAMPLE DESCRIPTIONS

MINERALS AND ALTERATION TYPES

AZ	azurite	BA	barite	BI	biotite
BO	bornite	CA	calcite	CB	Fe-carbonate
CC	chalcocite	CL	chlorite	CP	chalcopyrite
CU	native copper	CV	covellite	CY	clay
EP	epidote	FM	ferromolybdite	FP	feldspar
GA	garnet	GE	goethite	GL	galena
GR	graphite	HE	earthy hematite		
HS	specularite	JA	jarosite	KF	K-feldspar
MC	malachite	MG	magnetite	MN	Mn-oxides
MO	molybdenite	MR	mariposite	MS	sericite
MT	marcasite	MU	muscovite	NE	neotocite
PX	pyroxene	PY	pyrite	QZ	quartz veining
SI	silica	SP	sphalerite	TA	talc
TO	tourmaline	TT	tetrahedrite		

ALTERATION INTENSITIES

m	medium	s	strong	tr	trace
vs	very strong	w	weak		

Property : RDN 1-10 Claims NTS : 104B/15E, 104G/2E Date : June/July, 1995

Sample No.	Grid Co-or.		Type :		Alteration :		Au	Ag	As	Cu	Pb	Zn
			Strike Length Exp. :		Metallics :		(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
3751	Elevation:		Sample Width :		Secondaries:							
	Orientation:		True Width :		Host :		<5	1.0	40.	42.	70.	124.

Sample No.	Grid Co-or.	32+20N	Type :	Grab	Alteration :		Au	Ag	As	Cu	Pb	Zn
		3+00E	Strike Length Exp. :	10 m	Metallics :	5%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
3751	Elevation:	4460 ft	Sample Width :	3.0 m	Secondaries:		<5	1.0	40.	42.	70.	124.
	Orientation:	/	True Width :	m	Host :	Rhyolite breccia						

Comments : Light grey rhyolite, brecciated with <1mm black (carbonaceous?) stringers. Pyrite disseminated and fine-grained on fractures. Outcrop is 25m below cliff of andesitic lapilli tuff to agglomerate (some felsic fragments).

Sample No.	Grid Co-or.	30+00N	Type :	Grab	Alteration :	mCA	Au	Ag	As	Cu	Pb	Zn
		4+25E	Strike Length Exp. :	5 m	Metallics :	trPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
3752	Elevation:	4720 ft	Sample Width :	2.0 m	Secondaries:		<5	0.6	6.	32.	70.	206.
	Faulting	: 150 / 55 SW	True Width :	2.0 m	Host :	Contact between rhyodacite and sediments						

Comments : Faulted felsic/sediment contact.

Sample No.	Grid Co-or.	83+80N	Type :	Float	Alteration :		Au	Ag	As	Cu	Pb	Zn
		25+40E	Strike Length Exp. :	m	Metallics :	trSP	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
3753	Elevation:	3020 ft	Sample Width :		Secondaries:		<5	0.4	<2	13.	18.	408.
	Orientation:	/	True Width :	m	Host :	Crystal tuff?						

Comments : Odd rock! Kspar crystals, quartz fragments, sericite (green) fragments, Kspar stringers, calcite stringers. Rare sphalerite. Brown weathered surface. Iron stained on fractures.

Sample No.	Grid Co-or.	85+60N	Type :	Grab	Alteration :		Au	Ag	As	Cu	Pb	Zn
		23+80E	Strike Length Exp. :	1.5 m	Metallics :	1%AS	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
3754	Elevation:	3320 ft	Sample Width :	15 cm	Secondaries:		<5	<0.2	1545.	22.	<2	132.
	Veining	: 160 / 80 W	True Width :	15 cm	Host :	Siltstone/mudstone						

Comments : Black, shaley. Minor faulting and quartz veining subparallel to bedding. Lath-shaped arsenopyrite (1mm x 0.2mm). Weathers orange brown.

Sample No.	Grid Co-or.	86+60N	Type :	Float	Alteration :		Au	Ag	As	Cu	Pb	Zn
		21+50E	Strike Length Exp. :	m	Metallics :	5%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
3755	Elevation:	3680 ft	Sample Width :	m	Secondaries:		<5	0.2	8.	39.	16.	62.
	Orientation:	/	True Width :	m	Host :	Wacke/siltstone (or tuff?)						

Comments : Strongly rusty-weathered. Dark grey, vuggy, with 1mm white/grey fragments or clasts in dark grey matrix. Pyrite disseminated and as 1mm stringers.

Sample No.	Grid Co-or.	84+10N	Type :	Float	Alteration :		Au	Ag	As	Cu	Pb	Zn
		23+00E	Strike Length Exp. :	m	Metallics :	3%PY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
3756	Elevation:	3200 ft	Sample Width :	m	Secondaries:		<5	<0.2	<2	39.	2.	52.
	Orientation:	/	True Width :	m	Host :	Wacke						

Comments : Numerous float blocks along north side of creek; all rusty. Pyrite disseminated and as stringers.

Sample No.	Grid Co-or.	82+80N	Type : Float	Alteration : trMR	Au	Ag	As	Cu	Pb	Zn
		24+60E	Strike Length Exp. : m	Metallics : 7XPY	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
3757	Elevation:	3000 ft	Sample Width : m	Secondaries:	<5	<0.2	<2	38.	4.	78.
	Orientation:	/	True Width : m	Host : Wacke						

Comments : Very rusty float boulder: pyrite disseminated and in matrix surrounding fragments. Minor calcite stringers: no sulphides. Minor mariposite. Some sericite-altered fragments. Salmon-coloured fragments (Kspar?).

Sample No.	Grid Co-or.	82+60N	Type : Float	Alteration :	Au	Ag	As	Cu	Pb	Zn
		24+40E	Strike Length Exp. : m	Metallics :	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
3758	Elevation:	3000 ft	Sample Width : m	Secondaries:	<5	0.4	<2	11.	12.	134.
	Orientation:	/	True Width : m	Host : Granite?						

Comments : Strange composition - Kspar phenocrysts.

APPENDIX D

ANALYTICAL CERTIFICATES

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

A9521037

Comments: ATTN: HENRY AWMACK CC: J. LEHTINEN

CERTIFICATE A9521037

(EIA) - EQUITY ENGINEERING LTD.

Project: PTH95-01
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-JUL-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	228	Dry, sieve to -80 mesh
202	228	save reject
229	228	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	228	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	228	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	228	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	228	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	228	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	228	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	228	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	228	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	228	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	228	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	228	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	228	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	228	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	228	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	228	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	228	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	228	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	228	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	228	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	228	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	228	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	228	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	228	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	228	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	228	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	228	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	228	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	228	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	228	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	228	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	228	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	228	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	228	Zn ppm: 32 element, soil & rock	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 : PTH95-01
Comments: ATTN: HENRY AWMACK CC: J. LEHTINEN

Certificate Date: 13-JUL-95
Invoice No. : I9521037
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9521037

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 ppb	K %	La ppm	Mg %	Mn ppm
L2600N 200E	201	202	< 5	0.2	1.57	< 2	410	1.0	< 2	0.24	1.0	9	4	25	4.07	< 10	20	0.19	20	0.30	2590
L2600N 225E	201	202	< 5	0.2	1.37	< 2	480	1.0	< 2	0.32	0.5	8	5	25	4.16	< 10	30	0.20	20	0.23	2310
L2600N 250E	201	202	< 5	0.4	1.61	< 2	490	1.0	< 2	0.18	< 0.5	6	6	19	4.07	< 10	50	0.20	10	0.19	1475
L2600N 275E	201	202	< 5	0.2	2.52	12	450	1.0	2	0.18	1.0	13	10	31	5.15	< 10	80	0.12	20	0.30	3200
L2600N 300E	201	202	< 5	0.4	1.75	< 2	340	0.5	2	0.12	1.0	8	6	23	3.89	< 10	30	0.14	10	0.21	3310
L2600N 325E	201	202	< 5	< 0.2	3.43	< 2	190	1.0	< 2	0.07	0.5	12	29	31	4.67	< 10	50	0.12	10	0.51	1835
L2600N 350E	201	202	< 5	0.4	1.00	2	820	1.0	2	0.48	1.5	11	3	33	4.46	< 10	40	0.22	10	0.27	3440
L2600N 375E	201	202	< 5	0.4	2.12	14	540	1.0	4	0.69	0.5	13	25	55	4.33	< 10	70	0.17	10	0.92	1930
L2600N 400E	201	202	< 5	0.2	2.47	20	600	1.0	2	0.68	1.0	15	24	70	5.16	< 10	60	0.19	10	1.05	2450
L2700N 200E	201	202	< 5	0.4	1.44	12	590	0.5	< 2	0.31	0.5	12	9	29	3.98	< 10	40	0.20	10	0.30	2310
L2700N 250E	201	202	< 5	0.8	1.82	18	440	0.5	4	0.33	< 0.5	10	13	39	4.78	< 10	120	0.17	10	0.40	2550
L2700N 275E	201	202	< 5	0.6	1.29	18	2170	0.5	2	0.37	0.5	12	8	37	4.77	< 10	170	0.20	10	0.37	2970
L2700N 300E	201	202	< 5	0.6	1.53	6	570	1.0	< 2	0.22	0.5	12	6	38	5.40	< 10	60	0.20	20	0.27	3130
L2700N 325E	201	202	< 5	0.8	2.15	22	280	1.0	6	0.20	< 0.5	9	24	40	5.08	< 10	110	0.19	10	0.44	2480
L2700N 350E	201	202	< 5	1.2	1.34	20	360	0.5	< 2	0.13	< 0.5	11	10	36	4.72	< 10	120	0.17	10	0.22	3030
L2700N 375E	201	202	< 5	1.8	0.90	26	810	1.0	2	0.60	2.0	18	8	188	6.33	< 10	200	0.23	20	0.38	4530
L2700N 400E	201	202	< 5	1.2	0.64	10	740	0.5	4	0.52	0.5	13	< 1	49	4.77	< 10	130	0.21	10	0.25	4420
L2800N 200E	201	202	< 5	0.8	0.80	16	550	0.5	2	1.06	0.5	13	24	49	4.22	< 10	100	0.23	10	0.57	2900
L2800N 225E	201	202	< 5	0.8	1.52	12	360	0.5	2	2.14	0.5	19	85	71	4.25	< 10	130	0.19	10	1.47	1870
L2800N 250E	201	202	< 5	0.6	1.20	18	460	0.5	2	0.74	1.0	18	49	63	4.57	< 10	260	0.21	10	0.96	2770
L2800N 275E	201	202	< 5	0.8	1.47	18	470	0.5	< 2	0.67	1.0	19	72	70	4.59	< 10	90	0.16	10	1.25	2340
L2800N 300E	201	202	< 5	0.6	1.98	16	390	0.5	2	0.79	1.0	17	62	85	5.05	< 10	90	0.20	10	1.35	2380
L2800N 325E	201	202	< 5	0.2	1.63	10	300	0.5	< 2	1.34	1.0	14	43	55	4.31	< 10	60	0.21	10	1.16	1565
L2800N 350E	201	202	< 5	0.2	1.57	10	360	0.5	2	0.76	0.5	12	41	57	4.21	< 10	60	0.18	10	1.08	1755
L2800N 400E	201	202	10	0.6	1.76	18	340	0.5	2	0.70	1.0	20	64	67	4.64	< 10	90	0.14	10	1.38	1790
L2800N 425E	201	202	< 5	0.4	1.76	12	330	0.5	2	0.81	1.0	17	60	68	4.50	< 10	70	0.17	10	1.40	1695
L2800N 450E	201	202	< 5	0.4	1.86	12	360	0.5	< 2	0.74	0.5	19	58	73	4.62	< 10	110	0.20	10	1.39	2070
L2800N 475E	201	202	< 5	0.4	2.18	24	240	0.5	4	0.83	0.5	19	36	89	5.62	< 10	80	0.12	10	1.67	1900
L2900N 200E	201	202	< 5	0.2	1.83	14	230	0.5	2	0.94	0.5	15	31	59	4.43	< 10	90	0.10	< 10	1.18	1630
L2900N 225E	201	202	< 5	< 0.2	1.11	10	230	< 0.5	< 2	1.08	0.5	14	16	38	2.77	< 10	60	0.07	< 10	0.73	1845
L2900N 250E	201	202	< 5	0.2	1.65	26	230	0.5	< 2	1.01	1.0	17	25	58	4.27	< 10	70	0.11	< 10	1.09	1905
L2900N 275E	201	202	< 5	0.4	1.94	34	330	0.5	< 2	1.28	1.0	20	33	79	4.71	< 10	100	0.12	< 10	1.36	1860
L2900N 300E	201	202	< 5	0.2	1.77	20	190	< 0.5	< 2	0.91	1.0	15	29	62	4.22	< 10	50	0.08	< 10	1.27	1295
L2900N 375E	201	202	< 5	< 0.2	1.68	12	200	0.5	2	1.03	< 0.5	14	23	48	4.15	< 10	30	0.11	< 10	1.22	1130
L2900N 400E	201	202	< 5	0.2	2.12	9	210	< 0.5	< 2	1.45	< 0.5	16	29	70	4.24	< 10	60	0.06	< 10	1.59	1200
L2900N 425E	201	202	< 5	< 0.2	2.24	18	40	< 0.5	< 2	1.65	0.5	15	29	76	4.11	< 10	70	0.03	< 10	1.68	1015
L3000N 200E	201	202	< 5	0.2	2.60	26	60	< 0.5	4	1.75	< 0.5	17	27	78	4.84	< 10	40	0.07	< 10	1.80	1280
L3000N 225E	201	202	< 5	< 0.2	2.28	32	130	< 0.5	< 2	1.55	0.5	16	21	60	4.60	< 10	50	0.09	< 10	1.47	1495
L3000N 250E	201	202	< 5	0.2	2.37	32	170	< 0.5	4	1.94	1.0	18	24	72	4.55	< 10	60	0.10	< 10	1.68	1530
L3000N 275E	201	202	< 5	< 0.2	2.50	32	80	< 0.5	2	2.08	1.0	18	27	76	4.94	< 10	90	0.06	< 10	1.85	1375

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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To: EQUITY ENGINEERING LTD.
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VANCOUVER, BC
V6B 1N2

Project : PTH95-01
Comments: ATTN: HENRY AWMACK CC: J. LEHTINEN

Certificate Date: 13-JUL-95
Invoice No. :I9521037
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9521037

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
L2600N 200E	201	202	1	0.01	4	1520	32	< 2	2	16	0.01	< 10	< 10	76	< 10	148
L2600N 225E	201	202	1	< 0.01	4	1380	34	< 2	5	15	< 0.01	< 10	< 10	69	< 10	176
L2600N 250E	201	202	< 1	< 0.01	2	1660	32	< 2	1	13	< 0.01	< 10	< 10	82	< 10	134
L2600N 275E	201	202	1	< 0.01	6	1340	52	< 2	4	10	0.02	< 10	< 10	75	< 10	132
L2600N 300E	201	202	< 1	0.01	4	1380	36	< 2	1	10	< 0.01	< 10	< 10	71	< 10	144
L2600N 325E	201	202	< 1	< 0.01	13	1040	26	< 2	4	8	0.03	< 10	< 10	100	< 10	138
L2600N 350E	201	202	1	0.01	7	1320	58	< 2	7	29	0.01	< 10	< 10	76	< 10	268
L2600N 375E	201	202	< 1	0.01	19	1050	42	6	10	31	0.11	< 10	< 10	94	< 10	212
L2600N 400E	201	202	1	0.01	21	1210	54	< 2	13	31	0.13	< 10	< 10	114	< 10	254
L2700N 200E	201	202	< 1	0.01	8	1200	68	< 2	3	20	0.01	< 10	< 10	74	< 10	276
L2700N 250E	201	202	1	0.01	9	1360	106	< 2	6	21	0.02	< 10	< 10	89	< 10	496
L2700N 275E	201	202	< 1	0.01	8	1310	108	12	6	59	0.02	< 10	< 10	86	< 10	524
L2700N 300E	201	202	2	< 0.01	5	1350	52	< 2	7	21	< 0.01	< 10	< 10	62	< 10	192
L2700N 325E	201	202	1	< 0.01	12	1240	114	< 2	3	14	0.02	< 10	< 10	104	< 10	604
L2700N 350E	201	202	< 1	< 0.01	4	1390	150	6	2	12	0.01	< 10	< 10	92	< 10	612
L2700N 375E	201	202	< 1	< 0.01	11	1590	130	6	10	38	0.02	< 10	< 10	105	< 10	642
L2700N 400E	201	202	< 1	< 0.01	7	1550	132	4	9	23	0.03	< 10	< 10	81	< 10	778
L2800N 200E	201	202	< 1	< 0.01	21	1480	124	8	7	40	0.02	< 10	< 10	75	< 10	620
L2800N 225E	201	202	< 1	0.01	63	1250	64	< 2	9	40	0.04	< 10	< 10	79	< 10	332
L2800N 250E	201	202	< 1	0.01	43	1370	86	6	10	33	0.03	< 10	< 10	78	< 10	430
L2800N 275E	201	202	1	0.01	55	1410	74	< 2	10	27	0.04	< 10	< 10	82	< 10	356
L2800N 300E	201	202	< 1	0.01	45	1440	62	< 2	11	27	0.07	< 10	< 10	111	< 10	334
L2800N 325E	201	202	< 1	0.01	33	1460	32	< 2	8	31	0.06	< 10	< 10	107	< 10	210
L2800N 350E	201	202	< 1	0.01	32	1480	34	< 2	8	25	0.06	< 10	< 10	100	< 10	216
L2800N 400E	201	202	< 1	0.01	49	1450	50	< 2	9	22	0.08	< 10	< 10	97	< 10	268
L2800N 425E	201	202	< 1	0.01	47	1320	38	< 2	9	24	0.07	< 10	< 10	96	< 10	242
L2800N 450E	201	202	< 1	0.01	44	1350	44	< 2	10	26	0.06	< 10	< 10	101	< 10	252
L2800N 475E	201	202	< 1	0.06	31	1300	38	< 2	10	31	0.18	< 10	< 10	136	< 10	232
L2900N 200E	201	202	1	0.01	24	990	32	< 2	9	25	0.12	< 10	< 10	110	< 10	178
L2900N 225E	201	202	1	< 0.01	14	1210	22	4	4	22	0.06	< 10	< 10	69	< 10	122
L2900N 250E	201	202	< 1	0.01	22	1300	20	< 2	11	27	0.11	< 10	< 10	108	< 10	170
L2900N 275E	201	202	< 1	0.01	33	1190	32	< 2	11	30	0.10	< 10	< 10	110	< 10	228
L2900N 300E	201	202	1	0.01	24	1080	26	< 2	9	23	0.13	< 10	< 10	108	< 10	172
L2900N 375E	201	202	< 1	0.01	20	1200	16	< 2	9	31	0.14	< 10	< 10	114	< 10	120
L2900N 400E	201	202	< 1	0.01	22	1050	8	< 2	9	42	0.21	< 10	< 10	141	< 10	118
L2900N 425E	201	202	< 1	0.01	25	930	8	< 2	9	44	0.24	< 10	< 10	148	< 10	108
L3000N 200E	201	202	< 1	0.01	21	890	16	< 2	11	52	0.30	< 10	< 10	163	< 10	138
L3000N 225E	201	202	< 1	0.01	15	960	24	< 2	11	46	0.24	< 10	< 10	151	< 10	138
L3000N 250E	201	202	< 1	0.01	20	1010	22	< 2	11	47	0.22	< 10	< 10	143	< 10	174
L3000N 275E	201	202	< 1	0.01	21	920	14	< 2	11	49	0.27	< 10	< 10	158	< 10	162

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9521037

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 ppb	K %	La ppm	Mg %	Mn ppm
L3000N 300E	201	202	< 5	0.2	2.48	26	190	< 0.5	< 2	1.98	< 0.5	20	24	76	4.85	< 10	40	0.10	< 10	1.78	1730
L3100N 200E	201	202	< 5	< 0.2	2.73	30	40	< 0.5	2	1.66	0.5	16	35	69	4.59	< 10	30	0.06	< 10	1.92	1130
L3100N 225E	201	202	< 5	0.2	2.55	22	30	< 0.5	< 2	1.63	< 0.5	16	34	66	4.44	< 10	20	0.04	< 10	1.87	1095
L3100N 250E	201	202	< 5	< 0.2	2.59	14	40	< 0.5	< 2	1.63	1.0	18	35	79	4.50	< 10	50	0.04	< 10	1.94	1200
L3100N 275E	201	202	< 5	< 0.2	2.42	18	100	0.5	< 2	1.51	0.5	18	34	69	5.49	< 10	80	0.08	< 10	1.79	1660
L3100N 325E	201	202	< 5	< 0.2	3.38	8	60	< 0.5	2	1.86	0.5	22	68	82	5.26	< 10	30	0.03	< 10	2.81	1090
L3100N 350E	201	202	< 5	< 0.2	3.78	< 2	40	< 0.5	< 2	2.02	0.5	30	77	97	5.83	< 10	80	0.04	< 10	3.16	1395
L3100N 375E	201	202	< 5	< 0.2	3.70	12	30	< 0.5	2	2.16	0.5	26	67	87	5.49	< 10	40	0.03	< 10	2.96	1185
L3100N 400E	201	202	< 5	< 0.2	3.51	14	30	< 0.5	< 2	1.86	0.5	26	129	78	5.15	< 10	40	0.03	< 10	3.10	1040
L3100N 425E	201	202	< 5	0.4	5.68	< 2	20	< 0.5	6	2.96	1.0	43	111	128	6.48	< 10	70	0.03	< 10	4.41	1005
L3100N 450E	201	202	< 5	< 0.2	4.87	< 2	30	< 0.5	< 2	1.98	1.0	33	82	80	5.39	< 10	40	0.05	< 10	2.59	1020
L3200N 325E	201	202	< 5	0.2	3.37	4	60	0.5	< 2	0.88	0.5	14	73	37	4.45	10	80	0.04	< 10	1.50	710
L3300N 125E	201	202	< 5	0.2	3.13	32	100	0.5	< 2	1.46	1.0	29	72	90	5.97	< 10	110	0.09	< 10	2.26	1465
L3300N 150E	201	202	< 5	< 0.2	2.97	< 2	60	< 0.5	< 2	1.73	0.5	23	58	76	4.90	< 10	60	0.06	< 10	2.26	1240
L3300N 175E	201	202	< 5	0.2	3.28	20	80	< 0.5	4	1.42	1.0	32	83	87	6.09	< 10	100	0.07	< 10	2.54	1550
L3300N 250E	201	202	< 5	0.2	3.25	6	40	0.5	4	0.33	0.5	7	45	34	3.02	< 10	90	0.04	< 10	0.74	360
L3300N 325E	201	202	< 5	< 0.2	3.74	< 2	40	< 0.5	< 2	1.08	0.5	26	108	61	5.32	< 10	20	0.04	< 10	2.84	960
L3300N 375E	201	202	< 5	< 0.2	3.84	8	40	0.5	2	1.43	0.5	22	112	61	5.69	< 10	20	0.04	10	2.61	830
L3300N 400E	201	202	< 5	< 0.2	4.54	< 2	60	0.5	< 2	0.95	0.5	27	79	57	5.45	< 10	60	0.07	10	2.09	1455
L3400N 100E	201	202	< 5	< 0.2	2.26	20	190	< 0.5	< 2	0.71	< 0.5	21	28	81	4.87	< 10	30	0.07	< 10	1.56	1115
L3400N 125E	201	202	< 5	0.2	2.25	8	240	< 0.5	4	0.72	0.5	18	28	82	4.87	< 10	30	0.10	< 10	1.55	1050
L3400N 150E	201	202	< 5	0.2	3.11	8	90	< 0.5	2	1.33	1.5	32	61	87	5.23	< 10	70	0.07	< 10	1.85	1640
L3400N 175E	201	202	< 5	0.4	3.90	14	100	0.5	2	1.56	0.5	36	93	87	6.76	< 10	20	0.11	10	2.94	1740
L3400N 200E	201	202	< 5	0.2	3.56	40	80	0.5	4	1.57	0.5	28	66	93	6.20	< 10	110	0.10	10	2.26	1280
L3400N 225E	201	202	< 5	0.2	3.77	18	80	0.5	2	1.68	< 0.5	32	75	89	6.29	10	90	0.09	< 10	2.56	1325
L3400N 325E	201	202	< 5	0.2	3.84	4	90	< 0.5	4	1.93	0.5	36	83	96	6.43	< 10	60	0.08	< 10	3.19	1395
L3400N 350E	201	202	< 5	0.2	4.00	16	80	0.5	2	1.53	< 0.5	24	75	103	6.00	< 10	70	0.07	10	2.52	1055
L3400N 375E	201	202	< 5	0.2	3.63	< 2	80	0.5	4	1.42	0.5	25	69	90	5.77	< 10	70	0.07	10	2.33	1140
L3400N 400E	201	202	< 5	0.2	3.94	< 2	60	0.5	4	1.62	0.5	28	75	91	5.60	< 10	60	0.06	10	2.36	1100
L3400N 425E	201	202	< 5	0.2	3.96	< 2	60	< 0.5	4	2.03	0.5	37	78	112	5.91	< 10	80	0.06	< 10	2.91	1200
L3400N 450E	201	202	< 5	0.2	4.05	6	60	< 0.5	< 2	2.01	1.0	29	81	101	6.15	< 10	40	0.06	< 10	3.13	930
L3500N 200E	201	202	< 5	0.2	3.58	8	230	0.5	< 2	0.35	0.5	12	68	31	4.39	10	100	0.10	10	0.71	800
L3500N 225E	201	202	< 5	0.2	3.78	16	60	1.0	< 2	0.29	1.0	12	51	40	4.09	10	90	0.06	10	0.76	770
L3500N 300E	201	202	< 5	< 0.2	4.20	< 2	90	0.5	6	1.07	0.5	32	134	69	6.82	< 10	30	0.07	10	2.70	1390
L3600N 075E	201	202	< 5	< 0.2	2.52	< 2	100	< 0.5	2	3.07	< 0.5	23	31	84	4.47	< 10	10	0.07	< 10	1.80	875
L3600N 150E	201	202	< 5	< 0.2	2.57	< 2	160	< 0.5	< 2	3.18	< 0.5	23	29	85	4.50	< 10	20	0.08	< 10	1.78	875
L3600N 175E	201	202	< 5	< 0.2	2.54	12	180	< 0.5	6	2.32	0.5	23	30	82	4.83	< 10	70	0.12	< 10	1.73	995
L3600N 275E	201	202	< 5	0.2	3.77	< 2	210	0.5	4	2.18	0.5	36	161	85	6.83	< 10	70	0.06	10	3.22	1805
L3600N 300E	201	202	< 5	0.2	4.25	4	450	< 0.5	6	2.02	< 0.5	36	187	81	6.69	< 10	30	0.10	10	3.84	900
L3700N 125E	201	202	< 5	< 0.2	2.48	< 2	90	< 0.5	< 2	2.02	< 0.5	24	33	94	4.66	< 10	30	0.07	< 10	1.86	905

CERTIFICATION: Stan Beer

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 : PTH95-01
Comments: ATTN: HENRY AWMACK CC: J. LEHTINEN

Certificate Date: 13-JUL-95
Invoice No. : I9521037
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9521037

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
L3000N 300E	201	202	< 1	0.01	19	1080	22	< 2	11	61	0.24	< 10	< 10	149	< 10	160
L3100N 200E	201	202	< 1	0.01	27	960	10	2	10	40	0.27	< 10	< 10	147	< 10	134
L3100N 225E	201	202	< 1	0.01	26	920	12	4	9	30	0.26	< 10	< 10	137	< 10	122
L3100N 250E	201	202	1	0.01	30	920	16	< 2	9	29	0.26	< 10	< 10	136	< 10	120
L3100N 275E	201	202	< 1	0.01	27	960	14	< 2	11	37	0.24	< 10	< 10	144	< 10	134
L3100N 325E	201	202	< 1	0.01	58	810	2	< 2	11	31	0.29	< 10	< 10	142	< 10	126
L3100N 350E	201	202	< 1	0.01	64	950	14	< 2	12	33	0.29	< 10	< 10	149	< 10	138
L3100N 375E	201	202	< 1	0.01	59	850	12	< 2	12	36	0.30	< 10	< 10	149	< 10	126
L3100N 400E	201	202	< 1	0.01	88	820	10	< 2	12	31	0.29	< 10	< 10	143	< 10	116
L3100N 425E	201	202	< 1	0.15	99	620	6	< 2	18	70	0.29	< 10	< 10	138	< 10	140
L3100N 450E	201	202	< 1	0.03	70	940	8	< 2	15	42	0.18	< 10	< 10	121	< 10	158
L3200N 325E	201	202	1	0.01	40	1350	12	< 2	8	23	0.20	< 10	< 10	134	< 10	106
L3300N 125E	201	202	3	0.01	57	970	22	2	14	28	0.18	< 10	< 10	140	< 10	206
L3300N 150E	201	202	< 1	0.01	46	910	14	< 2	11	30	0.25	< 10	< 10	136	< 10	122
L3300N 175E	201	202	1	0.01	64	1000	18	< 2	14	24	0.21	< 10	< 10	154	< 10	218
L3300N 250E	201	202	< 1	0.01	19	1220	8	< 2	6	13	0.12	< 10	< 10	89	< 10	86
L3300N 325E	201	202	< 1	0.01	73	1010	14	< 2	14	16	0.28	< 10	< 10	153	< 10	120
L3300N 375E	201	202	< 1	0.02	67	1050	8	< 2	16	29	0.30	< 10	< 10	182	< 10	118
L3300N 400E	201	202	< 1	0.01	55	1090	12	< 2	12	22	0.23	< 10	< 10	159	< 10	112
L3400N 100E	201	202	< 1	0.01	25	990	6	< 2	14	45	0.05	< 10	< 10	113	< 10	74
L3400N 125E	201	202	< 1	0.01	25	850	6	< 2	14	39	0.03	< 10	< 10	103	< 10	76
L3400N 150E	201	202	< 1	0.02	39	1170	14	< 2	11	26	0.12	< 10	< 10	130	< 10	118
L3400N 175E	201	202	< 1	0.02	60	1100	10	< 2	17	27	0.23	< 10	< 10	166	< 10	174
L3400N 200E	201	202	1	0.01	47	1050	20	< 2	14	32	0.21	< 10	< 10	151	< 10	190
L3400N 225E	201	202	< 1	0.02	51	1020	14	< 2	15	31	0.22	< 10	< 10	151	< 10	166
L3400N 325E	201	202	1	0.02	66	950	14	< 2	13	31	0.23	< 10	< 10	148	< 10	164
L3400N 350E	201	202	< 1	0.01	53	1110	14	< 2	15	28	0.16	< 10	< 10	143	< 10	146
L3400N 375E	201	202	1	0.01	52	1100	16	< 2	13	27	0.15	< 10	< 10	134	< 10	136
L3400N 400E	201	202	< 1	0.01	53	1180	18	< 2	15	31	0.16	< 10	< 10	135	< 10	120
L3400N 425E	201	202	1	0.02	70	790	12	< 2	15	42	0.16	< 10	< 10	144	< 10	126
L3400N 450E	201	202	1	0.01	72	810	8	< 2	16	39	0.19	< 10	< 10	139	< 10	130
L3500N 200E	201	202	1	0.01	22	1270	14	< 2	8	18	0.13	< 10	< 10	103	< 10	108
L3500N 225E	201	202	2	0.01	27	1170	12	< 2	9	11	0.17	< 10	< 10	94	< 10	106
L3500N 300E	201	202	< 1	0.01	94	1360	14	< 2	23	22	0.15	< 10	< 10	173	< 10	108
L3600N 075E	201	202	< 1	0.02	14	670	4	< 2	14	77	0.10	< 10	< 10	137	< 10	66
L3600N 150E	201	202	< 1	0.01	19	760	4	< 2	15	71	0.07	< 10	< 10	127	< 10	70
L3600N 175E	201	202	< 1	0.02	17	760	8	< 2	14	67	0.07	< 10	< 10	126	< 10	78
L3600N 275E	201	202	< 1	0.06	110	1200	8	< 2	19	40	0.29	< 10	< 10	176	< 10	114
L3600N 300E	201	202	< 1	0.21	115	1290	6	< 2	20	83	0.21	< 10	< 10	184	< 10	94
L3700N 125E	201	202	< 1	0.02	16	670	4	< 2	14	56	0.09	< 10	< 10	138	< 10	72

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 : PTH95-01
Comments: ATTN: HENRY AWMACK CC: J. LEHTINEN

Certificate Date: 13-JUL-95
Invoice No. :I9521037
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9521037

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 ppb	K %	La ppm	Mg %	Mn ppm
L3700N 150E	201	202	< 5	< 0.2	1.77	20	150	< 0.5	< 2	0.94	< 0.5	17	23	58	4.49	< 10	140	0.09	< 10	1.23	970
L3700N 225E	201	202	< 5	< 0.2	2.78	4	90	< 0.5	2	1.97	< 0.5	25	46	94	4.58	< 10	10	0.06	< 10	2.10	850
L3700N 250E	201	202	< 5	< 0.2	3.16	2	90	< 0.5	2	1.48	< 0.5	33	84	93	5.52	< 10	20	0.07	< 10	2.51	1145
L3700N 275E	201	202	< 5	0.2	4.06	2	120	0.5	2	2.37	< 0.5	38	175	78	6.42	10	10	0.07	10	3.43	1370
L3700N 300E	201	202	< 5	0.2	4.64	2	90	0.5	4	2.17	0.5	37	180	86	7.08	< 10	10	0.16	10	4.26	1500
L3800N 125E	201	202	< 5	< 0.2	1.85	18	130	< 0.5	2	0.62	< 0.5	16	30	70	5.02	< 10	80	0.09	10	1.40	1100
L3800N 200E	201	202	< 5	< 0.2	1.62	14	120	< 0.5	2	0.74	< 0.5	16	22	53	4.13	< 10	110	0.10	< 10	1.10	1070
L3800N 275E	201	202	< 5	0.2	4.12	2	40	0.5	2	2.76	0.5	39	197	84	7.32	10	120	0.03	10	2.43	1375
L3800N 300E	201	202	< 5	< 0.2	4.40	2	30	0.5	< 2	3.57	< 0.5	41	224	82	6.96	10	60	0.02	10	2.34	1255
L3900N 150E	201	202	< 5	< 0.2	2.29	8	100	< 0.5	< 2	0.71	0.5	20	41	84	4.97	< 10	70	0.11	< 10	1.78	1015
L3900N 175E	201	202	< 5	< 0.2	2.04	14	140	< 0.5	< 2	0.71	< 0.5	19	41	75	4.54	< 10	70	0.10	< 10	1.63	1120
L3900N 200E	201	202	< 5	< 0.2	2.60	4	70	< 0.5	< 2	1.32	0.5	25	98	62	5.00	< 10	60	0.05	< 10	1.88	985
L3900N 300E	201	202	< 5	0.2	3.04	2	30	0.5	< 2	1.92	0.5	26	168	64	5.77	< 10	70	0.02	10	2.21	900
L3900N 325E	201	202	< 5	0.2	3.32	2	30	0.5	2	1.81	1.0	30	173	64	5.93	< 10	70	0.01	10	2.02	1085
L3900N 350E	201	202	< 5	0.2	3.38	2	60	0.5	2	1.37	< 0.5	30	140	64	5.92	< 10	70	0.05	10	2.06	1230
L3900N 375E	201	202	< 5	< 0.2	3.37	4	90	0.5	< 2	1.04	< 0.5	29	120	67	5.81	< 10	110	0.07	10	1.92	1280
L4400N 200E	201	202	< 5	0.6	1.41	24	380	0.5	< 2	2.79	1.0	15	25	55	4.13	< 10	180	0.17	< 10	0.94	1300
L4400N 250E	201	202	< 5	0.2	2.40	14	260	0.5	< 2	2.18	1.0	15	40	61	4.63	< 10	150	0.26	< 10	1.43	1240
L4400N 275E	201	202	< 5	0.2	1.87	16	170	0.5	2	1.16	0.5	14	41	47	4.90	< 10	70	0.10	< 10	1.25	1105
L4400N 300E	201	202	< 5	0.2	1.66	22	100	0.5	< 2	0.90	0.5	16	42	56	4.82	< 10	90	0.08	< 10	1.05	965
L4400N 325E	201	202	< 5	0.2	1.63	2	100	< 0.5	2	0.91	0.5	15	37	46	4.24	< 10	70	0.08	< 10	1.02	865
L4400N 375E	201	202	< 5	< 0.2	2.08	28	140	0.5	< 2	1.04	1.0	16	42	63	5.35	< 10	130	0.12	10	1.22	1300
L4400N 425E	201	202	< 5	0.2	2.18	14	150	0.5	< 2	1.11	< 0.5	18	48	58	5.02	< 10	80	0.11	< 10	1.26	1130
L4400N 475E	201	202	< 5	0.4	1.94	26	80	0.5	< 2	1.09	5.0	21	56	83	5.25	< 10	190	0.23	10	0.91	1205
L4500N 250E	201	202	< 5	0.2	1.94	< 2	220	0.5	< 2	1.12	0.5	16	40	56	4.96	< 10	100	0.15	< 10	1.11	1210
L4500N 275E	201	202	< 5	0.2	1.53	28	60	< 0.5	4	0.45	0.5	11	39	42	13.55	< 10	110	0.09	< 10	0.72	600
L4500N 300E	201	202	< 5	0.2	2.12	< 2	150	0.5	< 2	1.18	0.5	14	56	52	4.97	< 10	90	0.12	< 10	1.35	995
L4500N 325E	201	202	< 5	0.4	1.31	22	260	< 0.5	2	0.88	1.5	14	22	51	4.38	< 10	190	0.15	< 10	0.86	1275
L4500N 350E	201	202	< 5	0.8	1.27	34	360	0.5	< 2	0.69	1.0	13	24	47	4.53	< 10	190	0.14	< 10	0.69	1560
L4500N 425E	201	202	< 5	5.0	2.57	98	350	0.5	2	0.38	2.0	20	42	91	5.77	< 10	630	0.12	10	1.14	3390
L4500N 450E	201	202	< 5	0.6	2.59	< 2	320	0.5	< 2	0.88	< 0.5	12	45	28	3.09	< 10	80	0.05	10	0.83	670
L4600N 250E	201	202	< 5	< 0.2	1.91	14	310	0.5	< 2	1.15	1.0	16	35	58	4.55	< 10	80	0.14	10	1.25	1795
L4600N 275E	201	202	< 5	< 0.2	0.72	164	190	1.0	< 2	0.87	< 0.5	16	< 1	23	2.48	< 10	280	0.35	< 10	0.14	895
L4600N 300E	201	202	< 5	0.2	0.70	66	140	0.5	< 2	0.21	0.5	35	7	61	8.31	< 10	300	0.22	10	0.19	1675
L4600N 325E	201	202	< 5	0.6	1.58	20	340	< 0.5	< 2	1.02	0.5	15	33	56	4.92	< 10	160	0.12	< 10	1.05	1390
L4600N 350E	201	202	< 5	0.2	1.47	32	530	< 0.5	< 2	2.98	2.0	13	24	50	3.86	< 10	200	0.23	< 10	1.04	1245
L4600N 375E	201	202	< 5	< 0.2	1.78	2	230	< 0.5	< 2	3.34	0.5	14	30	57	4.17	< 10	130	0.22	< 10	1.14	1140
L4600N 400E	201	202	< 5	0.8	1.97	22	410	0.5	< 2	2.94	1.0	17	33	60	4.58	< 10	170	0.22	< 10	1.22	1285
L4600N 425E	201	202	< 5	2.0	2.04	36	240	0.5	< 2	0.57	0.5	17	40	50	5.13	< 10	310	0.13	< 10	1.07	1805
L4600N 575E	201	202	< 5	< 0.2	3.00	22	100	0.5	2	1.09	0.5	34	98	75	6.79	< 10	110	0.13	< 10	1.80	1235

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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CERTIFICATE OF ANALYSIS A9521037

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
L3700N 150E	201	202	< 1	0.01	13	980	12	< 2	11	44	0.04	< 10	< 10	95	< 10	84
L3700N 225E	201	202	< 1	0.02	23	750	4	< 2	15	63	0.12	< 10	< 10	152	< 10	74
L3700N 250E	201	202	< 1	0.03	49	920	10	< 2	18	59	0.19	< 10	< 10	170	< 10	82
L3700N 275E	201	202	< 1	0.05	105	1350	12	< 2	23	43	0.33	< 10	< 10	191	< 10	108
L3700N 300E	201	202	< 1	0.05	113	1360	10	< 2	26	48	0.40	< 10	< 10	198	< 10	104
L3800N 125E	201	202	1	0.01	15	1160	6	< 2	11	46	0.08	< 10	< 10	98	< 10	82
L3800N 200E	201	202	< 1	0.01	14	930	6	< 2	11	51	0.06	< 10	< 10	88	< 10	70
L3800N 275E	201	202	< 1	< 0.01	122	1540	10	< 2	26	19	0.42	< 10	< 10	215	< 10	106
L3800N 300E	201	202	< 1	< 0.01	129	1690	6	< 2	27	20	0.47	< 10	< 10	224	< 10	110
L3900N 150E	201	202	< 1	0.01	21	900	6	< 2	13	50	0.10	< 10	< 10	127	< 10	86
L3900N 175E	201	202	1	0.02	23	980	12	< 2	11	38	0.10	< 10	< 10	103	< 10	84
L3900N 200E	201	202	< 1	0.01	62	1130	10	< 2	16	36	0.24	< 10	< 10	149	< 10	82
L3900N 300E	201	202	< 1	< 0.01	95	1340	8	< 2	22	18	0.40	< 10	< 10	203	< 10	114
L3900N 325E	201	202	< 1	< 0.01	91	1260	6	< 2	25	16	0.42	< 10	< 10	212	< 10	118
L3900N 350E	201	202	< 1	0.01	88	1280	8	< 2	20	20	0.29	< 10	< 10	182	< 10	112
L3900N 375E	201	202	< 1	0.01	82	1280	12	< 2	19	19	0.22	< 10	< 10	165	< 10	120
L4400N 200E	201	202	2	0.01	30	1070	30	< 2	9	62	0.04	< 10	< 10	73	< 10	220
L4400N 250E	201	202	1	0.03	35	1080	16	< 2	11	65	0.10	< 10	< 10	106	< 10	182
L4400N 275E	201	202	1	0.03	32	1080	14	< 2	10	39	0.16	< 10	< 10	112	< 10	130
L4400N 300E	201	202	1	0.01	35	1270	10	< 2	8	23	0.12	< 10	< 10	93	< 10	144
L4400N 325E	201	202	< 1	0.01	30	1100	10	< 2	7	23	0.14	< 10	< 10	91	< 10	120
L4400N 375E	201	202	2	0.01	37	1320	16	< 2	9	31	0.16	< 10	< 10	111	< 10	158
L4400N 425E	201	202	< 1	0.02	39	1240	12	< 2	10	30	0.17	< 10	< 10	113	< 10	142
L4400N 475E	201	202	20	0.02	89	1480	14	< 2	14	25	0.01	< 10	< 10	128	< 10	522
L4500N 250E	201	202	1	0.01	32	1210	16	< 2	9	36	0.14	< 10	< 10	104	< 10	162
L4500N 275E	201	202	1	0.02	21	1570	14	< 2	9	17	0.11	< 10	< 10	79	< 10	102
L4500N 300E	201	202	< 1	0.02	39	1160	14	4	10	44	0.17	< 10	< 10	115	< 10	140
L4500N 325E	201	202	2	0.01	29	1070	34	4	9	44	0.07	< 10	< 10	81	< 10	224
L4500N 350E	201	202	2	0.01	24	1230	42	< 2	9	33	0.07	< 10	< 10	80	< 10	254
L4500N 425E	201	202	3	0.01	27	880	168	14	10	19	0.08	< 10	< 10	101	< 10	554
L4500N 450E	201	202	< 1	0.04	23	1250	6	< 2	8	34	0.11	< 10	< 10	65	< 10	84
L4600N 250E	201	202	< 1	0.02	26	1140	12	< 2	11	45	0.10	< 10	< 10	91	< 10	120
L4600N 275E	201	202	< 1	< 0.01	2	1960	14	< 2	6	138	< 0.01	< 10	< 10	14	< 10	52
L4600N 300E	201	202	3	< 0.01	9	1990	28	26	11	28	< 0.01	< 10	< 10	53	< 10	110
L4600N 325E	201	202	2	0.02	33	1150	22	< 2	10	44	0.11	< 10	< 10	93	< 10	196
L4600N 350E	201	202	1	0.01	29	990	20	2	9	88	0.03	< 10	< 10	71	< 10	206
L4600N 375E	201	202	< 1	0.02	30	970	20	< 2	10	76	0.05	< 10	< 10	81	< 10	164
L4600N 400E	201	202	1	0.02	30	1060	40	< 2	10	70	0.07	< 10	< 10	91	< 10	268
L4600N 425E	201	202	1	0.01	28	1060	66	6	10	27	0.10	< 10	< 10	104	< 10	304
L4600N 575E	201	202	2	0.04	83	1120	6	< 2	25	27	0.07	< 10	< 10	152	< 10	128

CERTIFICATION: Henry Buchan

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 : PTH95-01
Comments: ATTN: HENRY AWMACK CC: J. LEHTINEN

Certificate Date: 13-JUL-95
Invoice No. :19521037
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9521037

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 ppb	K %	La ppm	Mg %	Mn ppm
L4600N 600E	201	202	< 5	< 0.2	3.27	52	100	0.5	4	1.55	1.0	44	108	88	7.45	< 10	160	0.14	< 10	2.02	1665
L4600N 625E	201	202	< 5	< 0.2	3.20	36	100	0.5	< 2	1.27	1.0	41	109	83	7.35	< 10	100	0.12	< 10	2.09	1610
L4600N 650E	201	202	< 5	< 0.2	2.79	40	90	< 0.5	< 2	2.65	0.5	42	94	78	6.35	< 10	210	0.10	< 10	2.00	1265
L4700N 350E	201	202	< 5	0.4	1.62	52	290	0.5	2	1.16	1.5	16	26	62	5.32	< 10	210	0.18	< 10	1.11	1615
L4700N 375E	201	202	< 5	0.4	1.58	42	330	0.5	4	2.14	1.0	15	24	54	4.91	< 10	190	0.23	< 10	0.93	1315
L4700N 400E	201	202	< 5	< 0.2	1.61	38	370	0.5	< 2	1.89	1.5	14	23	55	4.69	< 10	190	0.24	< 10	0.99	1410
L4700N 450E	201	202	< 5	0.4	2.36	48	290	0.5	< 2	0.46	1.0	21	29	92	6.03	< 10	170	0.15	10	0.95	2230
L4700N 475E	201	202	< 5	1.2	2.12	38	270	0.5	< 2	0.72	1.5	16	39	58	5.25	< 10	140	0.12	10	1.01	1670
L4700N 500E	201	202	< 5	0.2	1.50	14	290	0.5	< 2	0.88	1.0	16	29	60	4.70	< 10	110	0.10	< 10	0.88	1595
L4700N 525E	201	202	< 5	< 0.2	2.84	42	80	0.5	2	0.73	1.0	40	99	85	7.50	< 10	100	0.08	< 10	1.69	1565
L4700N 575E	201	202	< 5	< 0.2	2.70	46	110	0.5	2	1.21	1.0	42	101	76	6.93	< 10	160	0.10	< 10	1.88	1425
L4700N 5550E	201	202	< 5	< 0.2	3.28	20	100	0.5	< 2	1.80	1.0	20	109	42	6.44	< 10	80	0.04	< 10	1.25	885
L5000N 200E	201	202	< 5	< 0.2	2.12	26	210	< 0.5	< 2	0.46	< 0.5	15	22	42	4.44	< 10	30	0.11	< 10	1.44	775
L5000N 225E	201	202	< 5	< 0.2	1.91	22	200	< 0.5	< 2	0.38	< 0.5	13	21	67	4.23	< 10	40	0.11	< 10	1.32	770
L5000N 275E	201	202	< 5	< 0.2	2.03	24	230	< 0.5	2	0.47	< 0.5	16	20	52	4.57	< 10	40	0.11	< 10	1.40	980
L5000N 300E	201	202	< 5	< 0.2	1.94	26	250	< 0.5	< 2	0.39	< 0.5	17	19	51	4.39	< 10	20	0.11	< 10	1.26	1055
L5000N 325E	201	202	< 5	< 0.2	2.09	36	230	< 0.5	< 2	0.31	1.0	15	21	53	4.69	< 10	80	0.10	< 10	1.37	895
L5000N 350E	201	202	< 5	< 0.2	2.05	34	230	< 0.5	< 2	0.38	0.5	18	20	52	4.87	< 10	50	0.12	< 10	1.16	1560
L5000N 375E	201	202	< 5	0.2	2.15	36	100	< 0.5	2	0.19	< 0.5	8	23	47	4.85	< 10	130	0.11	< 10	0.57	600
L5000N 400E	201	202	< 5	< 0.2	2.34	14	230	< 0.5	< 2	0.32	1.5	17	25	75	4.87	< 10	90	0.17	< 10	0.85	2120
L5000N 425E	201	202	< 5	0.2	2.53	18	110	< 0.5	< 2	0.12	1.0	11	20	27	3.96	< 10	60	0.13	< 10	0.54	1135
L5100N 200E	201	202	< 5	0.4	2.95	20	150	0.5	< 2	0.08	0.5	9	19	24	4.96	< 10	60	0.09	10	0.55	455
L5100N 225E	201	202	< 5	0.2	2.32	22	290	0.5	< 2	0.18	0.5	17	17	23	5.77	< 10	20	0.10	< 10	0.72	2360
L5100N 250E	201	202	< 5	0.4	0.95	40	280	< 0.5	< 2	0.15	0.5	7	11	34	4.37	< 10	170	0.15	< 10	0.16	1535
L5100N 275E	201	202	< 5	0.8	1.32	32	690	< 0.5	< 2	0.29	0.5	6	12	27	5.31	10	140	0.17	< 10	0.20	1045
L5100N 300E	201	202	< 5	0.4	1.86	36	140	< 0.5	< 2	0.08	0.5	8	18	31	4.73	< 10	190	0.13	< 10	0.43	670
L5100N 325E	201	202	< 5	0.2	2.32	22	140	< 0.5	< 2	0.17	0.5	8	20	46	4.68	< 10	150	0.12	< 10	0.48	795
L5100N 350E	201	202	< 5	1.0	1.30	6	100	< 0.5	< 2	0.17	0.5	5	16	18	4.11	< 10	120	0.12	< 10	0.27	935
L5100N 375E	201	202	< 5	0.4	2.41	16	230	0.5	< 2	0.26	1.0	7	17	24	4.36	< 10	70	0.09	10	0.43	520
L5100N 400E	201	202	< 5	0.4	2.22	16	140	0.5	< 2	0.17	0.5	17	20	31	4.40	< 10	80	0.11	< 10	0.56	2570
L5100N 425E	201	202	< 5	0.2	2.15	22	170	0.5	< 2	0.21	< 0.5	5	19	20	4.04	< 10	60	0.15	< 10	0.46	545
L5100N 450E	201	202	< 5	0.2	2.49	14	210	0.5	< 2	0.26	0.5	16	23	38	4.92	< 10	60	0.13	10	0.73	2090
L5100N 475E	201	202	< 5	< 0.2	0.19	< 2	580	< 0.5	< 2	2.92	0.5	2	2	19	0.26	< 10	100	0.06	< 10	0.11	610
L5100N 500E	201	202	< 5	< 0.2	2.03	4	150	< 0.5	< 2	0.44	< 0.5	9	28	53	2.51	< 10	140	0.12	10	1.10	305
L5100N 525E	201	202	< 5	0.2	2.63	26	200	< 0.5	< 2	0.36	0.5	18	28	66	4.90	< 10	80	0.11	< 10	0.68	1380
L5200N 000E A	201	202	< 5	< 0.2	2.10	26	340	0.5	< 2	0.32	0.5	16	18	68	4.59	< 10	60	0.12	10	1.13	1175
L5200N 000E B	201	202	< 5	0.2	2.75	26	200	0.5	2	0.07	0.5	18	20	51	4.82	< 10	60	0.09	< 10	0.73	1505
L5200N 025E	201	202	< 5	0.4	2.58	58	170	0.5	< 2	0.14	0.5	12	19	54	4.22	< 10	180	0.10	< 10	0.68	805
L5200N 050E	201	202	< 5	0.2	3.05	22	220	0.5	< 2	0.20	0.5	13	28	58	4.51	< 10	90	0.09	30	1.01	705
L5200N 075E	201	202	< 5	< 0.2	2.96	20	90	< 0.5	< 2	0.08	0.5	12	23	42	4.74	< 10	60	0.09	< 10	0.93	665

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 : PTH95-01
Comments: ATTN: HENRY AWMACK CC: J. LEHTINEN

Page Number :4-B
Total Pages :6
Certificate Date: 13-JUL-95
Invoice No. :19521037
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9521037

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
L4600N 600E	201	202	< 1	0.04	101	1110	8	4	28	28	0.05	< 10	< 10	164	< 10	132
L4600N 625E	201	202	1	0.05	96	1140	12	8	28	29	0.07	< 10	< 10	161	< 10	122
L4600N 650E	201	202	2	0.06	89	960	14	< 2	23	48	0.07	< 10	< 10	140	< 10	124
L4700N 350E	201	202	2	0.02	29	1120	28	12	11	51	0.07	< 10	< 10	87	< 10	200
L4700N 375E	201	202	1	0.01	25	1170	24	12	10	63	0.06	< 10	< 10	85	< 10	180
L4700N 400E	201	202	1	0.02	28	1090	20	6	10	61	0.04	< 10	< 10	78	< 10	190
L4700N 450E	201	202	1	0.01	31	1200	30	< 2	13	26	0.04	< 10	< 10	82	< 10	210
L4700N 475E	201	202	1	0.01	31	1040	38	14	12	35	0.09	< 10	< 10	97	< 10	224
L4700N 500E	201	202	1	0.01	32	1090	24	4	11	34	0.08	< 10	< 10	90	< 10	172
L4700N 525E	201	202	1	0.03	93	1100	12	< 2	27	18	0.06	< 10	< 10	156	< 10	132
L4700N 575E	201	202	1	0.04	99	1150	10	18	24	28	0.06	< 10	< 10	141	< 10	130
L4700N 5550E	201	202	3	0.01	45	1280	4	12	17	39	0.13	< 10	< 10	156	< 10	110
L5000N 200E	201	202	2	0.01	23	1240	4	< 2	8	34	0.04	< 10	< 10	76	< 10	80
L5000N 225E	201	202	1	0.01	22	1170	2	< 2	7	32	0.03	< 10	< 10	69	< 10	72
L5000N 275E	201	202	1	0.01	24	1170	4	< 2	8	38	0.04	< 10	< 10	71	< 10	78
L5000N 300E	201	202	2	0.01	21	860	6	< 2	7	30	0.03	< 10	< 10	70	< 10	72
L5000N 325E	201	202	< 1	0.01	23	830	6	< 2	9	29	0.03	< 10	< 10	75	< 10	74
L5000N 350E	201	202	1	0.01	23	940	14	8	8	35	0.01	< 10	< 10	72	< 10	92
L5000N 375E	201	202	1	0.01	10	1790	14	8	1	29	0.01	< 10	< 10	76	< 10	82
L5000N 400E	201	202	< 1	0.01	20	1570	20	6	6	35	0.01	< 10	< 10	74	< 10	146
L5000N 425E	201	202	2	0.01	8	1030	8	2	2	23	0.03	< 10	< 10	88	< 10	72
L5100N 200E	201	202	5	0.01	9	1290	12	4	2	16	0.05	< 10	< 10	83	< 10	70
L5100N 225E	201	202	6	0.02	13	1300	12	4	3	22	0.02	< 10	< 10	70	< 10	102
L5100N 250E	201	202	8	< 0.01	7	1090	44	14	< 1	31	0.01	< 10	< 10	75	< 10	214
L5100N 275E	201	202	5	0.01	8	1550	52	< 2	1	42	0.02	< 10	< 10	88	< 10	142
L5100N 300E	201	202	3	< 0.01	11	1160	26	14	1	18	0.01	< 10	< 10	71	< 10	130
L5100N 325E	201	202	3	0.01	11	1450	20	4	1	29	0.01	< 10	< 10	79	< 10	110
L5100N 350E	201	202	2	0.01	6	1290	12	6	1	26	0.06	< 10	< 10	103	< 10	70
L5100N 375E	201	202	2	0.01	7	1170	16	12	3	26	0.07	< 10	< 10	87	< 10	74
L5100N 400E	201	202	2	0.01	13	1860	12	12	3	21	0.06	< 10	< 10	80	< 10	94
L5100N 425E	201	202	3	0.01	9	1240	12	< 2	2	27	0.05	< 10	< 10	84	< 10	76
L5100N 450E	201	202	2	0.01	12	1720	14	4	3	31	0.02	< 10	< 10	93	< 10	98
L5100N 475E	201	202	1	0.01	6	1160	< 2	14	< 1	108	< 0.01	< 10	< 10	7	< 10	36
L5100N 500E	201	202	< 1	< 0.01	15	890	12	< 2	10	43	0.05	< 10	< 10	68	< 10	80
L5100N 525E	201	202	2	0.01	15	1310	14	< 2	6	30	0.03	< 10	< 10	84	< 10	92
L5200N 000E A	201	202	1	0.01	26	1050	18	6	9	28	0.02	< 10	< 10	67	< 10	100
L5200N 000E B	201	202	2	0.01	17	1150	8	8	2	14	0.02	< 10	< 10	79	< 10	108
L5200N 025E	201	202	2	< 0.01	17	1380	22	14	2	19	0.01	< 10	< 10	58	< 10	124
L5200N 050E	201	202	2	0.01	27	1520	16	12	8	18	0.01	< 10	< 10	68	< 10	158
L5200N 075E	201	202	3	< 0.01	16	970	8	4	2	15	0.02	< 10	< 10	75	< 10	90

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
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CERTIFICATE OF ANALYSIS A9521037

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 ppb	K %	La ppm	Mg %	Mn ppm
L5200N 125E	201	202	< 5	0.2	3.42	20	270	0.5	2	0.21	0.5	16	22	47	4.74	< 10	60	0.11	10	0.94	1770
L5200N 150E	201	202	< 5	0.2	2.64	18	150	0.5	2	0.23	1.0	20	24	41	5.64	< 10	60	0.14	10	0.75	3270
L5200N 175E	201	202	< 5	< 0.2	3.41	18	130	< 0.5	< 2	0.19	0.5	6	31	41	3.81	< 10	60	0.12	10	0.92	235
L5200N 200E	201	202	< 5	0.2	2.07	76	170	0.5	< 2	0.03	1.0	13	10	46	5.41	< 10	380	0.14	< 10	0.29	1305
L5200N 225E	201	202	< 5	0.2	1.81	94	140	0.5	< 2	0.03	1.0	9	16	43	5.62	< 10	490	0.16	< 10	0.24	790
L5200N 250E	201	202	< 5	< 0.2	3.37	30	110	< 0.5	< 2	0.05	0.5	10	34	50	6.89	< 10	140	0.09	< 10	0.50	1180
L5200N 275E	201	202	< 5	0.2	1.73	22	290	0.5	< 2	0.04	< 0.5	3	13	16	3.31	< 10	130	0.13	10	0.15	205
L5200N 300E	201	202	< 5	3.8	2.65	42	200	0.5	< 2	0.09	1.0	13	23	40	6.44	< 10	300	0.12	10	0.38	1380
L5200N 325E	201	202	< 5	2.6	2.52	62	130	0.5	< 2	0.06	0.5	13	20	70	5.76	< 10	790	0.12	< 10	0.42	1605
L5200N 350E	201	202	< 5	4.2	2.21	40	240	0.5	< 2	0.09	1.0	13	19	41	5.67	< 10	480	0.16	10	0.29	2220
L5200N 375E	201	202	< 5	2.6	3.24	34	100	< 0.5	< 2	0.09	0.5	14	22	40	5.45	< 10	200	0.14	< 10	0.68	2090
L5200N 400E	201	202	< 5	2.2	2.48	16	210	0.5	< 2	0.10	0.5	15	20	42	5.33	< 10	190	0.12	10	0.38	3950
L5200N 425E	201	202	< 5	< 0.2	2.31	22	110	< 0.5	< 2	0.07	0.5	9	27	49	7.08	< 10	290	0.13	10	0.25	1785
L5200N 450E	201	202	< 5	0.4	2.11	20	110	< 0.5	< 2	0.07	0.5	10	20	48	7.25	< 10	110	0.13	< 10	0.30	1435
L5200N 9825E	201	202	< 5	< 0.2	2.32	18	270	< 0.5	< 2	0.52	1.5	15	21	75	4.75	< 10	20	0.16	10	1.61	1075
L5200N 9850E	201	202	< 5	< 0.2	2.52	10	300	0.5	< 2	0.47	0.5	13	20	59	3.97	< 10	50	0.29	10	1.46	900
L5200N 9925E	201	202	< 5	0.6	2.97	28	240	0.5	< 2	0.17	0.5	16	24	58	6.26	< 10	90	0.12	10	0.75	1330
L5200N 9975E	201	202	< 5	< 0.2	2.77	38	140	0.5	< 2	0.10	0.5	30	23	103	5.91	< 10	40	0.10	10	1.08	2160
L5300N 000E	201	202	< 5	< 0.2	2.70	26	280	0.5	2	0.49	0.5	21	24	88	5.60	< 10	70	0.13	10	1.40	1420
L5300N 025E	201	202	< 5	< 0.2	2.35	18	210	< 0.5	< 2	0.37	0.5	19	22	74	5.19	< 10	50	0.08	10	1.33	1305
L5300N 050E	201	202	< 5	< 0.2	2.25	28	120	0.5	< 2	0.12	0.5	17	21	70	4.74	< 10	70	0.07	< 10	0.94	1325
L5300N 075E	201	202	< 5	< 0.2	2.29	10	190	< 0.5	< 2	0.34	0.5	12	25	19	3.76	< 10	< 10	0.04	< 10	1.02	430
L5300N 100E	201	202	< 5	< 0.2	1.54	16	200	0.5	< 2	1.37	1.5	9	20	43	2.43	< 10	60	0.03	< 10	0.64	175
L5300N 150E	201	202	< 5	< 0.2	2.08	86	260	< 0.5	< 2	0.29	< 0.5	15	30	24	4.76	< 10	50	0.13	< 10	0.77	995
L5300N 175E	201	202	< 5	0.2	2.45	24	710	0.5	< 2	0.33	1.0	18	23	36	5.32	< 10	60	0.17	< 10	0.71	2130
L5300N 200E	201	202	< 5	0.4	3.01	20	310	1.0	< 2	0.39	0.5	9	26	28	5.27	10	50	0.11	10	0.80	390
L5300N 225E	201	202	< 5	< 0.2	2.48	18	330	< 0.5	< 2	0.54	0.5	29	43	59	5.81	< 10	40	0.17	< 10	1.42	1785
L5300N 250E	201	202	< 5	< 0.2	2.53	28	330	0.5	< 2	0.43	1.0	30	40	118	6.43	< 10	70	0.15	10	1.43	1730
L5300N 275E	201	202	< 5	< 0.2	2.71	30	180	0.5	< 2	0.25	0.5	27	44	114	5.85	< 10	80	0.14	10	1.59	1120
L5300N 300E	201	202	< 5	< 0.2	2.64	34	320	0.5	2	0.43	1.5	31	43	129	6.76	< 10	70	0.12	< 10	1.57	1645
L5300N 325E	201	202	< 5	< 0.2	2.28	28	250	0.5	2	0.40	0.5	24	33	87	5.50	< 10	70	0.09	10	1.49	1020
L5300N 350E	201	202	< 5	2.0	1.58	116	470	< 0.5	< 2	0.03	1.0	10	15	58	5.92	< 10	790	0.23	< 10	0.20	600
L5300N 400E	201	202	< 5	0.2	0.69	40	590	< 0.5	< 2	0.10	< 0.5	3	14	28	3.51	< 10	320	0.20	< 10	0.10	255
L5300N 9875E	201	202	< 5	< 0.2	2.55	12	300	0.5	< 2	0.33	< 0.5	14	20	63	4.36	< 10	40	0.15	< 10	1.04	1005
L5300N 9900E	201	202	< 5	< 0.2	2.55	8	330	0.5	< 2	0.43	< 0.5	13	21	64	4.48	< 10	40	0.16	< 10	1.07	930
L5300N 9925E	201	202	< 5	0.2	2.57	14	280	0.5	< 2	0.28	< 0.5	12	19	58	5.14	< 10	90	0.09	< 10	0.63	790
L5300N 9950E	201	202	< 5	0.2	2.20	14	290	0.5	< 2	0.25	1.0	17	20	52	4.89	< 10	70	0.13	< 10	0.65	1730
L5300N 9975E	201	202	< 5	< 0.2	2.71	26	150	0.5	< 2	0.11	1.0	21	22	96	4.98	< 10	110	0.17	10	0.93	1400
L5400N 025E	201	202	< 5	0.2	2.88	20	160	0.5	< 2	0.08	1.0	14	22	58	5.03	< 10	100	0.13	10	0.56	1150
L5400N 050E	201	202	< 5	0.4	2.94	14	240	0.5	< 2	0.13	0.5	14	18	49	5.59	< 10	150	0.15	10	0.37	1860

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 : PTH95-01
Comments: ATTN: HENRY AWMACK CC: J. LEHTINEN

Page Number :5-B
Total Pages :6
Certificate Date: 13-JUL-95
Invoice No. :I9521037
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9521037

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
L5200N 125E	201	202	4	0.01	17	1080	8	20	3	27	0.02	< 10	< 10	87	< 10	92
L5200N 150E	201	202	4	0.01	14	1170	16	6	3	29	0.03	< 10	< 10	94	< 10	122
L5200N 175E	201	202	4	0.01	14	1060	10	6	3	23	0.01	< 10	< 10	92	< 10	84
L5200N 200E	201	202	8	0.01	13	1830	12	24	7	13	< 0.01	< 10	< 10	51	< 10	204
L5200N 225E	201	202	9	< 0.01	12	1390	20	22	2	16	< 0.01	< 10	< 10	49	< 10	200
L5200N 250E	201	202	2	< 0.01	16	1820	20	8	3	11	0.03	< 10	< 10	96	< 10	108
L5200N 275E	201	202	2	< 0.01	2	810	32	8	2	14	0.07	< 10	< 10	73	< 10	60
L5200N 300E	201	202	6	< 0.01	11	1620	44	14	2	17	0.04	< 10	< 10	91	< 10	166
L5200N 325E	201	202	3	< 0.01	13	1650	56	14	4	16	0.01	< 10	< 10	69	< 10	194
L5200N 350E	201	202	2	< 0.01	9	1620	34	14	3	22	0.04	< 10	< 10	83	< 10	166
L5200N 375E	201	202	1	< 0.01	11	1180	26	2	3	22	0.02	< 10	< 10	73	< 10	106
L5200N 400E	201	202	3	< 0.01	10	1550	28	16	7	18	0.10	< 10	< 10	91	< 10	156
L5200N 425E	201	202	2	< 0.01	5	7340	24	20	3	14	0.03	< 10	< 10	71	< 10	84
L5200N 450E	201	202	2	< 0.01	8	970	30	14	2	19	0.01	< 10	< 10	73	< 10	122
L5200N 9825E	201	202	1	0.01	27	1160	14	12	9	41	0.04	< 10	< 10	65	< 10	90
L5200N 9850E	201	202	< 1	0.01	19	820	6	< 2	10	42	0.04	< 10	< 10	49	< 10	78
L5200N 9925E	201	202	2	0.01	22	1980	22	< 2	3	20	0.02	< 10	< 10	88	< 10	110
L5200N 9975E	201	202	3	0.01	26	1400	16	8	11	18	0.01	< 10	< 10	92	< 10	104
L5300N 000E	201	202	4	0.01	29	1130	10	< 2	12	40	0.02	< 10	< 10	82	< 10	132
L5300N 025E	201	202	1	0.01	26	1040	10	< 2	10	30	0.02	< 10	< 10	75	< 10	114
L5300N 050E	201	202	1	< 0.01	25	1910	12	< 2	3	10	0.01	< 10	< 10	61	< 10	116
L5300N 075E	201	202	4	0.01	15	810	6	10	2	30	0.01	< 10	< 10	58	< 10	94
L5300N 100E	201	202	4	0.02	12	1130	6	6	3	102	0.03	< 10	< 10	49	< 10	44
L5300N 150E	201	202	7	0.01	16	1160	14	8	4	48	< 0.01	< 10	< 10	122	< 10	88
L5300N 175E	201	202	2	0.01	20	2280	20	4	1	47	0.02	< 10	< 10	84	< 10	186
L5300N 200E	201	202	2	0.01	15	1590	20	6	4	50	0.03	< 10	< 10	77	< 10	142
L5300N 225E	201	202	< 1	0.01	29	1830	18	2	10	32	< 0.01	< 10	< 10	92	< 10	116
L5300N 250E	201	202	2	0.01	37	1420	20	< 2	12	37	0.01	< 10	< 10	95	< 10	138
L5300N 275E	201	202	2	0.01	39	1140	16	14	12	26	< 0.01	< 10	< 10	95	< 10	124
L5300N 300E	201	202	1	0.01	40	1180	20	8	15	33	< 0.01	< 10	< 10	103	< 10	126
L5300N 325E	201	202	2	0.01	35	1170	18	6	11	26	0.02	< 10	< 10	92	< 10	118
L5300N 350E	201	202	16	0.01	8	2260	130	50	1	86	0.01	< 10	< 10	61	< 10	104
L5300N 400E	201	202	10	0.01	6	1230	38	16	< 1	39	0.04	< 10	< 10	78	< 10	110
L5300N 9875E	201	202	1	0.01	22	1150	6	2	3	29	0.01	< 10	< 10	65	< 10	78
L5300N 9900E	201	202	1	0.01	21	1160	12	< 2	2	33	0.01	< 10	< 10	67	< 10	84
L5300N 9925E	201	202	2	< 0.01	19	980	12	8	3	21	0.03	< 10	< 10	76	< 10	74
L5300N 9950E	201	202	2	0.01	19	1830	8	10	1	26	0.01	< 10	< 10	78	< 10	114
L5300N 9975E	201	202	< 1	0.01	35	1050	22	4	6	18	< 0.01	< 10	< 10	69	< 10	128
L5400N 025E	201	202	3	0.01	21	1740	12	< 2	1	15	0.01	< 10	< 10	83	< 10	104
L5400N 050E	201	202	1	0.01	12	1610	20	20	2	21	0.02	< 10	< 10	93	< 10	148

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 : PTH95-01
Comments: ATTN: HENRY AWMACK CC: J. LEHTINEN

Certificate Date: 13-JUL-95
Invoice No. :19521037
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9521037

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 ppb	K %	La ppm	Mg %	Mn ppm
L5400N 075E	201	202	< 5	0.2	2.62	26	290	< 0.5	2	0.25	< 0.5	17	27	42	3.99	10	70	0.15	10	0.74	1315
L5400N 100E	201	202	< 5	1.6	2.99	14	430	< 0.5	< 2	0.27	0.5	16	27	44	4.94	10	270	0.12	40	0.51	1960
L5400N 125E	201	202	< 5	0.4	3.14	14	360	< 0.5	4	0.30	< 0.5	12	28	39	4.41	10	130	0.10	20	0.64	1330
L5400N 175E	201	202	< 5	0.2	0.56	46	120	< 0.5	< 2	1.46	3.5	17	6	87	4.45	< 10	2600	0.17	< 10	0.28	985
L5400N 200E	201	202	< 5	< 0.2	2.36	50	330	< 0.5	< 2	0.26	0.5	25	31	102	6.03	10	90	0.15	20	1.24	1420
L5400N 9825E	201	202	< 5	0.4	4.60	36	210	< 0.5	< 2	0.64	< 0.5	19	17	42	5.43	30	80	0.09	30	0.60	2260
L5400N 9850E	201	202	< 5	< 0.2	2.50	42	220	< 0.5	< 2	0.37	< 0.5	27	24	107	5.95	10	100	0.10	30	1.19	1045
L5400N 9875E	201	202	< 5	< 0.2	2.81	18	230	< 0.5	< 2	0.09	< 0.5	19	26	83	5.20	< 10	80	0.11	10	1.38	890
L5400N 9900E	201	202	< 5	< 0.2	2.47	32	180	< 0.5	< 2	0.30	< 0.5	19	22	98	5.82	10	130	0.08	20	1.01	1065
L5400N 9925E	201	202	< 5	< 0.2	3.03	22	280	< 0.5	6	0.13	< 0.5	21	23	58	5.48	10	70	0.11	20	0.90	1325
L5400N 9950E	201	202	< 5	< 0.2	2.52	18	220	< 0.5	< 2	0.23	0.5	12	21	48	5.23	10	70	0.12	20	0.58	700
L5400N 9975E	201	202	< 5	< 0.2	2.35	8	130	< 0.5	< 2	0.13	0.5	18	22	73	4.37	< 10	70	0.11	10	1.11	1090
L5500N 000E	201	202	< 5	< 0.2	2.85	4	370	< 0.5	< 2	0.37	0.5	17	43	86	5.62	10	230	0.14	10	1.09	780
L5500N 025E	201	202	< 5	< 0.2	1.44	32	180	< 0.5	< 2	1.21	0.5	28	35	124	5.15	< 10	110	0.17	< 10	0.50	1075
L5500N 050E	201	202	< 5	< 0.2	2.14	34	220	< 0.5	< 2	0.80	1.0	26	26	61	5.02	10	220	0.36	10	0.90	830
L5500N 075E	201	202	< 5	< 0.2	2.18	32	320	< 0.5	< 2	0.32	0.5	21	31	68	4.67	10	200	0.20	10	0.67	1360
L5500N 100E	201	202	< 5	0.2	2.60	26	340	< 0.5	< 2	0.34	0.5	20	34	53	4.84	10	100	0.19	20	0.74	1390
L5500N 125E	201	202	< 5	0.2	2.72	34	170	< 0.5	< 2	0.09	< 0.5	12	19	61	4.79	< 10	160	0.17	10	0.51	830
L5500N 150E	201	202	< 5	0.2	2.04	36	400	< 0.5	< 2	0.18	< 0.5	15	21	63	4.90	< 10	340	0.24	10	0.47	1395
L5500N 175E	201	202	< 5	< 0.2	1.73	20	340	< 0.5	2	0.30	1.0	10	15	42	4.57	< 10	110	0.25	10	0.41	925
L5500N 200E	201	202	< 5	0.2	2.65	82	290	< 0.5	2	0.13	0.5	27	22	123	6.03	10	520	0.20	10	0.65	1315
L5500N 225E	201	202	< 5	0.2	1.69	44	310	< 0.5	< 2	0.12	0.5	10	19	57	4.89	< 10	130	0.15	< 10	0.17	850
L5500N 250E	201	202	< 5	< 0.2	1.24	56	630	< 0.5	< 2	0.66	4.0	12	12	48	5.78	< 10	230	0.17	10	0.34	720
L5500N 275E	201	202	< 5	0.2	0.49	8	840	< 0.5	< 2	3.10	6.0	2	5	27	1.08	< 10	160	0.10	< 10	0.27	510
L5500N 9875E	201	202	< 5	< 0.2	2.60	8	160	< 0.5	< 2	0.20	0.5	17	22	56	5.94	10	60	0.12	10	0.85	1315
L5500N 9900E	201	202	< 5	< 0.2	2.29	4	200	< 0.5	2	0.25	0.5	21	20	42	4.99	10	70	0.12	10	0.86	2060
L5500N 9950E	201	202	< 5	< 0.2	3.02	54	110	< 0.5	< 2	0.08	0.5	24	30	122	6.14	10	40	0.09	20	1.16	1230
L5500N 9975E	201	202	< 5	< 0.2	2.78	32	130	< 0.5	4	0.07	< 0.5	18	28	65	4.94	< 10	60	0.11	10	1.02	1145

CERTIFICATION: David Pullan

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 : PTH95-01
Comments: ATTN: HENRY AWMACK CC: J. LEHTINEN

Certificate Date: 13-JUL-95
Invoice No. : I9521037
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9521037

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
L5400N 075E	201	202	4	0.01	16	1270	20	2	2	38	0.01	< 10	< 10	78	< 10	138
L5400N 100E	201	202	3	0.01	15	2460	24	4	7	25	0.03	< 10	< 10	81	10	168
L5400N 125E	201	202	2	0.01	17	1540	8	< 2	4	23	0.06	< 10	< 10	86	< 10	108
L5400N 175E	201	202	59	0.01	103	1110	20	6	12	58	< 0.01	< 10	< 10	36	< 10	360
L5400N 200E	201	202	2	0.01	39	1360	22	6	16	28	< 0.01	< 10	< 10	97	< 10	162
L5400N 9825E	201	202	4	0.02	26	1340	18	< 2	6	51	0.06	< 10	< 10	48	< 10	210
L5400N 9850E	201	202	< 1	0.01	28	900	18	4	14	30	0.01	< 10	< 10	78	< 10	142
L5400N 9875E	201	202	3	0.01	30	220	< 2	< 2	15	18	< 0.01	< 10	< 10	78	< 10	102
L5400N 9900E	201	202	6	0.01	27	760	14	6	13	29	0.01	< 10	< 10	72	< 10	112
L5400N 9925E	201	202	2	0.01	22	1270	14	2	4	17	< 0.01	< 10	< 10	83	< 10	116
L5400N 9950E	201	202	3	0.01	17	1410	6	2	4	22	0.02	< 10	< 10	83	< 10	106
L5400N 9975E	201	202	2	0.01	22	670	4	2	7	19	0.02	< 10	< 10	63	< 10	78
L5500N 000E	201	202	2	0.01	29	710	4	4	13	65	< 0.01	< 10	< 10	97	< 10	114
L5500N 025E	201	202	1	0.01	31	980	14	4	14	97	< 0.01	< 10	< 10	71	10	132
L5500N 050E	201	202	2	0.02	30	1260	2	2	12	54	< 0.01	< 10	< 10	83	< 10	138
L5500N 075E	201	202	1	0.01	58	2200	16	< 2	7	27	< 0.01	< 10	< 10	65	< 10	132
L5500N 100E	201	202	2	0.01	41	2260	14	2	5	33	0.01	< 10	< 10	80	< 10	136
L5500N 125E	201	202	1	0.01	16	1430	10	4	3	19	0.01	< 10	< 10	78	< 10	118
L5500N 150E	201	202	1	0.01	41	2030	14	4	9	21	< 0.01	< 10	< 10	68	< 10	128
L5500N 175E	201	202	1	< 0.01	21	1900	14	4	4	35	< 0.01	< 10	< 10	63	< 10	180
L5500N 200E	201	202	3	< 0.01	151	970	44	8	14	11	< 0.01	< 10	< 10	47	< 10	312
L5500N 225E	201	202	10	< 0.01	25	2510	16	4	2	28	< 0.01	< 10	< 10	68	< 10	184
L5500N 250E	201	202	10	0.01	32	1660	22	6	7	65	< 0.01	< 10	< 10	45	< 10	298
L5500N 275E	201	202	2	0.01	12	2420	2	2	1	241	< 0.01	< 10	< 10	15	< 10	274
L5500N 9875E	201	202	3	0.01	13	1790	8	< 2	1	25	0.02	< 10	< 10	104	< 10	102
L5500N 9900E	201	202	3	0.01	12	1750	18	2	1	29	0.02	< 10	< 10	96	< 10	114
L5500N 9950E	201	202	3	0.01	27	2010	18	6	6	14	0.01	< 10	< 10	73	< 10	132
L5500N 9975E	201	202	1	0.01	18	1670	12	6	2	14	0.01	< 10	< 10	79	< 10	96

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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 30-JUL-95
Invoice No. :I9522164
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9522164

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
ASL5300N 400E	201	229	< 5	0.4	0.67	62	240	< 0.5	< 2	0.22	< 0.5	3	13	21	4.09	10	< 1	0.14	10	0.10	235
ASL5300N 425E	201	229	< 5	1.4	3.12	40	120	< 0.5	< 2	0.11	< 0.5	10	18	40	4.57	10	1	0.11	20	0.36	810
ASL5300N 450E	201	229	< 5	0.6	1.99	18	130	< 0.5	< 2	0.06	< 0.5	1	12	6	1.59	10	< 1	0.08	10	0.09	45
ASL5300N 475E	201	229	< 5	0.2	1.12	16	70	< 0.5	< 2	0.04	< 0.5	3	9	10	3.15	< 10	< 1	0.11	10	0.11	320
ASL5300N 500E	201	229	< 5	0.2	0.37	22	60	< 0.5	< 2	0.04	< 0.5	5	3	19	3.05	< 10	< 1	0.09	< 10	0.06	2240
ASL5300N 525E	201	229	< 5	0.6	1.19	12	140	< 0.5	< 2	0.10	< 0.5	8	13	22	4.17	< 10	< 1	0.11	10	0.16	2490
ASL5300N 550E	201	229	< 5	0.4	1.85	24	110	< 0.5	< 2	0.10	< 0.5	8	17	19	4.38	< 10	< 1	0.10	10	0.33	1450
ASL5300N 575E	201	229	< 5	1.2	3.06	8	250	1.0	< 2	0.17	< 0.5	20	24	26	4.97	10	< 1	0.07	20	0.26	4860
ASL5300N 600E	201	229	< 5	0.6	1.66	18	100	< 0.5	< 2	0.08	< 0.5	5	14	16	4.15	10	< 1	0.12	10	0.12	555
ASL5300N 625EN/S	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL5300N 650EN/S	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL5300N 675E	201	229	< 5	< 0.2	2.21	24	110	< 0.5	< 2	0.21	< 0.5	15	25	35	4.30	< 10	< 1	0.14	10	0.72	1365
ASL5300N 700E	201	229	< 5	0.4	1.85	52	390	0.5	< 2	0.48	< 0.5	22	26	76	5.27	< 10	< 1	0.18	20	0.88	1040
ASL5300N 725E	201	229	< 5	0.2	0.76	70	380	0.5	< 2	0.57	2.0	11	6	47	3.73	< 10	< 1	0.16	10	0.24	1270
ASL5300N 750E	201	229	< 5	< 0.2	1.71	38	340	< 0.5	< 2	0.44	< 0.5	14	19	32	4.19	< 10	< 1	0.15	10	0.69	1115
ASL5400N 225E	201	229	< 5	< 0.2	1.69	34	320	0.5	2	0.09	< 0.5	13	14	42	4.43	< 10	< 1	0.16	10	0.35	1605
ASL5400N 250E	201	229	< 5	< 0.2	1.26	40	550	0.5	< 2	0.71	1.0	18	14	105	4.86	< 10	< 1	0.18	20	0.56	1435
ASL5400N 275E	201	229	< 5	0.4	2.26	24	600	1.0	< 2	0.42	1.0	10	20	26	4.10	10	< 1	0.16	20	0.51	745
ASL5400N 300E	201	229	< 5	0.2	1.36	48	680	0.5	< 2	0.40	0.5	15	12	66	4.80	< 10	< 1	0.17	10	0.49	1195
ASL5400N 325E	201	229	< 5	< 0.2	1.30	52	380	< 0.5	< 2	0.42	1.0	19	18	87	5.30	< 10	< 1	0.17	10	0.54	1720
ASL5400N 350E	201	229	< 5	< 0.2	1.08	54	560	< 0.5	< 2	0.59	1.0	17	13	84	4.86	< 10	< 1	0.17	10	0.46	1245
ASL5500N 300E	201	229	< 5	< 0.2	1.57	54	360	< 0.5	< 2	0.45	0.5	10	12	27	4.01	< 10	< 1	0.13	10	0.38	1055
ASL5500N 325E	201	229	< 5	0.4	1.64	58	160	< 0.5	< 2	0.09	< 0.5	6	10	22	3.63	< 10	< 1	0.12	10	0.24	600
ASL5500N 350E	201	229	< 5	0.4	1.91	72	110	< 0.5	< 2	0.03	< 0.5	12	12	37	4.51	< 10	< 1	0.10	10	0.25	1530
ASL5500N 375E	201	229	< 5	< 0.2	2.02	40	100	< 0.5	< 2	0.01	< 0.5	4	10	33	3.53	< 10	< 1	0.09	10	0.23	380
ASL5500N 400E	201	229	< 5	0.8	0.79	74	490	0.5	< 2	1.67	2.5	11	6	52	3.82	< 10	< 1	0.12	10	0.85	1345
ASL5500N 425E	201	229	< 5	< 0.2	1.03	66	590	< 0.5	< 2	0.45	2.0	7	6	21	3.80	< 10	< 1	0.21	10	0.16	1010
ASL5500N 450E	201	229	< 5	< 0.2	1.50	10	950	0.5	< 2	0.13	< 0.5	7	7	35	3.14	< 10	< 1	0.20	10	0.26	1035
ASL5500N 475E	201	229	< 5	0.2	1.30	28	230	< 0.5	< 2	0.18	< 0.5	11	14	35	5.45	< 10	< 1	0.15	10	0.42	1420
ASL5500N 500E	201	229	< 5	0.2	1.85	22	110	< 0.5	< 2	0.09	< 0.5	11	19	44	5.36	< 10	< 1	0.12	10	0.44	1160
ASL5600N 200E	201	229	< 5	< 0.2	0.78	50	220	< 0.5	< 2	0.54	7.0	14	7	83	5.37	< 10	1	0.10	< 10	0.15	1225
ASL5600N 225E	201	229	< 5	0.2	1.33	90	380	0.5	< 2	0.14	1.0	10	7	33	3.87	< 10	1	0.15	20	0.24	1015
ASL5600N 250E	201	229	< 5	0.4	0.64	52	180	< 0.5	2	0.96	8.5	14	3	84	4.73	< 10	< 1	0.21	< 10	0.25	425
ASL5600N 275E	201	229	< 5	1.2	1.10	120	290	< 0.5	< 2	0.09	1.0	14	9	42	6.05	< 10	< 1	0.18	10	0.15	2460
ASL5600N 300E	201	229	< 5	< 0.2	1.12	34	400	< 0.5	< 2	0.33	0.5	9	12	28	3.62	< 10	< 1	0.19	10	0.23	1835
ASL5600N 325E	201	229	< 5	< 0.2	1.08	36	390	< 0.5	< 2	0.21	< 0.5	15	12	29	4.60	< 10	< 1	0.14	10	0.14	4680
ASL5600N 350E	201	229	< 5	1.6	1.03	42	270	0.5	< 2	0.09	< 0.5	13	13	26	3.54	< 10	< 1	0.24	10	0.09	3420
ASL5600N 375E	201	229	< 5	0.2	1.27	30	350	0.5	< 2	0.18	< 0.5	7	7	26	4.26	< 10	< 1	0.22	10	0.20	1800
ASL5600N 400E	201	229	< 5	0.4	2.14	38	130	< 0.5	< 2	0.10	< 0.5	8	16	29	4.41	< 10	< 1	0.12	10	0.47	865
ASL5600N 425E	201	229	< 5	0.8	1.35	72	540	< 0.5	< 2	0.39	0.5	14	13	57	4.16	< 10	1	0.14	10	0.67	2310

CERTIFICATION: Stewart 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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Page Number :1-B
Total Pages :5
Certificate Date: 30-JUL-95
Invoice No. :I9522164
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9522164

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
ASL5300N 400E	201	229	7	0.01	7	1140	40	8	2	29	0.10	< 10	< 10	84	< 10	90
ASL5300N 425E	201	229	3	0.01	12	1900	22	8	4	14	0.06	< 10	< 10	58	< 10	132
ASL5300N 450E	201	229	1	< 0.01	2	850	34	8	2	11	0.15	< 10	< 10	60	< 10	58
ASL5300N 475E	201	229	1	< 0.01	5	890	12	4	< 1	8	0.02	< 10	< 10	56	< 10	56
ASL5300N 500E	201	229	1	< 0.01	4	960	6	6	2	9	0.03	< 10	< 10	43	< 10	80
ASL5300N 525E	201	229	1	0.01	7	1300	20	2	1	11	0.02	< 10	< 10	56	< 10	106
ASL5300N 550E	201	229	2	< 0.01	8	1350	8	2	2	11	0.03	< 10	< 10	66	< 10	94
ASL5300N 575E	201	229	1	0.01	9	2220	14	4	5	13	0.10	< 10	< 10	72	< 10	82
ASL5300N 600E	201	229	2	0.01	4	980	12	2	2	9	0.10	< 10	< 10	63	< 10	44
ASL5300N 625EN/S	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL5300N 650EN/S	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL5300N 675E	201	229	2	0.02	13	1220	16	4	6	21	0.03	< 10	< 10	87	< 10	92
ASL5300N 700E	201	229	3	0.01	37	1450	22	2	12	42	< 0.01	< 10	< 10	71	10	160
ASL5300N 725E	201	229	12	0.01	32	1370	22	8	8	43	< 0.01	< 10	< 10	39	< 10	302
ASL5300N 750E	201	229	2	0.01	17	1700	10	4	2	29	0.01	< 10	< 10	69	< 10	118
ASL5400N 225E	201	229	4	0.01	16	2190	20	2	2	12	< 0.01	< 10	< 10	54	< 10	152
ASL5400N 250E	201	229	4	0.01	46	1470	16	4	11	42	< 0.01	< 10	< 10	46	10	196
ASL5400N 275E	201	229	3	0.01	25	2420	28	< 2	4	118	0.01	< 10	< 10	66	< 10	168
ASL5400N 300E	201	229	9	0.01	33	1690	20	4	9	37	< 0.01	< 10	< 10	54	< 10	174
ASL5400N 325E	201	229	8	0.01	56	1400	14	2	13	32	< 0.01	< 10	< 10	61	10	218
ASL5400N 350E	201	229	7	0.01	56	1280	20	2	9	43	< 0.01	< 10	< 10	43	< 10	210
ASL5500N 300E	201	229	11	0.01	16	1750	22	4	3	39	< 0.01	< 10	< 10	46	< 10	224
ASL5500N 325E	201	229	10	< 0.01	11	1580	14	4	1	12	< 0.01	< 10	< 10	44	< 10	198
ASL5500N 350E	201	229	7	< 0.01	9	1440	26	6	2	8	< 0.01	< 10	< 10	41	< 10	206
ASL5500N 375E	201	229	9	< 0.01	12	1340	12	6	2	9	< 0.01	< 10	< 10	47	< 10	172
ASL5500N 400E	201	229	15	0.01	36	1150	28	8	7	55	< 0.01	< 10	< 10	34	< 10	366
ASL5500N 425E	201	229	12	0.01	16	1950	12	6	1	33	< 0.01	< 10	< 10	41	< 10	294
ASL5500N 450E	201	229	1	< 0.01	6	930	6	< 2	4	31	< 0.01	< 10	< 10	69	< 10	66
ASL5500N 475E	201	229	2	< 0.01	12	1390	26	< 2	2	21	0.01	< 10	< 10	69	< 10	128
ASL5500N 500E	201	229	2	< 0.01	11	3170	32	2	4	16	0.02	< 10	< 10	66	< 10	128
ASL5600N 200E	201	229	57	< 0.01	148	1300	10	4	8	33	< 0.01	< 10	< 10	63	< 10	902
ASL5600N 225E	201	229	10	< 0.01	16	1540	14	8	6	10	< 0.01	< 10	< 10	33	< 10	196
ASL5600N 250E	201	229	58	0.01	107	1310	20	4	12	131	< 0.01	< 10	< 10	45	< 10	816
ASL5600N 275E	201	229	14	< 0.01	15	2210	106	16	2	28	< 0.01	< 10	< 10	46	< 10	424
ASL5600N 300E	201	229	4	0.01	10	2100	22	2	1	35	< 0.01	< 10	< 10	53	< 10	244
ASL5600N 325E	201	229	3	< 0.01	8	1990	40	6	< 1	29	< 0.01	< 10	< 10	50	< 10	208
ASL5600N 350E	201	229	2	< 0.01	15	2270	68	4	1	52	< 0.01	< 10	< 10	34	< 10	268
ASL5600N 375E	201	229	2	< 0.01	7	2040	20	4	3	32	< 0.01	< 10	< 10	48	< 10	140
ASL5600N 400E	201	229	2	< 0.01	11	1260	26	4	2	19	0.01	< 10	< 10	56	< 10	158
ASL5600N 425E	201	229	1	< 0.01	16	1120	46	4	8	43	0.01	< 10	< 10	49	< 10	188

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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 30-JUL-95
Invoice No. :19522164
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9522164

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
ASL5600N 450E	201	229	< 5	0.6	1.59	34	330	0.5	< 2	0.30	< 0.5	10	13	38	4.09	< 10	< 1	0.15	10	0.38	1355
ASL5600N 475E	201	229	< 5	0.6	1.18	44	500	0.5	< 2	0.22	< 0.5	15	9	39	4.58	< 10	< 1	0.22	10	0.22	3730
ASL5600N 500E	201	229	< 5	0.2	1.51	30	340	< 0.5	< 2	0.40	< 0.5	14	16	47	4.25	< 10	< 1	0.16	10	0.48	1855
ASL5600N 525E	201	229	< 5	< 0.2	0.73	14	130	0.5	< 2	0.07	0.5	16	9	31	3.77	< 10	< 1	0.21	< 10	0.12	575
ASL5600N 550E	201	229	< 5	0.2	1.18	34	410	< 0.5	< 2	0.66	0.5	13	16	43	3.77	< 10	< 1	0.22	10	0.57	1540
ASL5600N 575E	201	229	< 5	0.2	1.42	46	320	< 0.5	2	0.35	< 0.5	15	19	55	4.23	< 10	< 1	0.20	10	0.69	1290
ASL5600N 600E	201	229	< 5	< 0.2	1.58	34	310	< 0.5	2	0.40	< 0.5	15	25	49	4.13	< 10	< 1	0.23	10	0.68	1175
ASL5600N 625E	201	229	< 5	< 0.2	1.49	40	290	< 0.5	2	0.31	< 0.5	16	21	44	4.19	< 10	< 1	0.17	10	0.71	1210
ASL5700N 450E	201	229	< 5	0.2	1.21	24	220	< 0.5	< 2	0.10	< 0.5	7	16	36	3.63	< 10	1	0.17	< 10	0.25	345
ASL5700N 475E	201	229	< 5	< 0.2	2.19	28	210	< 0.5	< 2	0.19	< 0.5	15	15	51	4.00	< 10	< 1	0.14	10	0.54	1640
ASL5700N 500E	201	229	< 5	< 0.2	0.82	20	740	< 0.5	< 2	1.38	10.5	10	10	26	2.14	< 10	< 1	0.13	< 10	0.47	1430
ASL5700N 525E	201	229	< 5	< 0.2	2.11	24	340	< 0.5	< 2	0.31	1.0	13	15	40	3.93	< 10	1	0.17	< 10	0.40	1285
ASL5700N 550E	201	229	< 5	< 0.2	1.19	34	250	< 0.5	< 2	0.44	< 0.5	9	16	31	5.05	10	< 1	0.16	10	0.39	945
ASL5700N 575E	201	229	< 5	< 0.2	1.59	30	190	< 0.5	< 2	0.16	1.0	11	12	36	4.14	< 10	< 1	0.22	10	0.34	1000
ASL5700N 600E	201	229	< 5	< 0.2	1.12	16	270	< 0.5	< 2	0.42	2.5	11	14	27	3.55	< 10	< 1	0.29	< 10	0.26	770
ASL5700N 625E	201	229	< 5	< 0.2	1.58	24	370	< 0.5	< 2	0.48	0.5	10	18	26	3.62	< 10	< 1	0.21	10	0.58	790
ASL5700N 650E	201	229	< 5	< 0.2	1.64	20	280	< 0.5	< 2	0.54	< 0.5	15	18	35	4.88	10	< 1	0.13	10	0.90	2190
ASL5700N 675E	201	229	< 5	< 0.2	1.48	32	400	< 0.5	< 2	0.31	< 0.5	19	27	60	5.57	< 10	1	0.15	10	0.66	1185
ASL5700N 700E	201	229	< 5	< 0.2	1.29	26	960	< 0.5	< 2	0.44	1.0	12	16	39	3.92	< 10	< 1	0.21	10	0.61	995
ASL5700N 725E	201	229	< 5	< 0.2	1.36	22	770	< 0.5	< 2	0.54	1.0	12	16	45	3.68	< 10	< 1	0.30	10	0.55	635
ASL5700N 750E	201	229	< 5	< 0.2	1.17	28	1110	< 0.5	< 2	0.47	0.5	13	16	46	4.00	< 10	< 1	0.14	10	0.66	1365
ASL5700N 775E	201	229	< 5	< 0.2	1.02	28	930	< 0.5	< 2	0.82	0.5	11	13	43	3.75	< 10	< 1	0.15	10	0.61	940
ASL5700N 800E	201	229	< 5	< 0.2	0.86	28	1190	< 0.5	< 2	1.00	1.0	11	11	50	4.04	< 10	< 1	0.19	10	0.48	1150
ASL5700N 825E	201	229	< 5	0.2	1.13	28	1310	< 0.5	< 2	0.57	0.5	13	13	46	4.05	< 10	< 1	0.16	10	0.63	1225
ASL5700N 850E	201	229	< 5	< 0.2	1.38	24	5480	< 0.5	< 2	0.62	0.5	13	15	41	3.93	10	< 1	0.17	10	0.63	1465
ASL5700N 875E	201	229	< 5	< 0.2	1.29	34	980	< 0.5	2	0.36	0.5	13	16	43	4.15	< 10	1	0.19	10	0.61	1080
ASL5700N 900EN/S	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL5700N 925E	201	229	< 5	< 0.2	1.25	28	1880	< 0.5	< 2	0.52	0.5	12	16	49	4.31	< 10	< 1	0.18	10	0.68	1305
ASL5700N 950E	201	229	< 5	< 0.2	1.11	32	930	< 0.5	< 2	0.62	1.0	13	13	57	4.51	< 10	< 1	0.20	10	0.51	1370
ASL5700N 975E	201	229	< 5	< 0.2	1.23	32	1080	< 0.5	2	0.50	0.5	13	15	48	4.32	< 10	< 1	0.17	10	0.69	1360
ASL5700N 1000E	201	229	< 5	< 0.2	0.46	58	820	< 0.5	< 2	1.04	2.0	14	8	17	>15.00	< 10	< 1	0.08	10	0.24	7630
ASL5800N 550E	201	229	< 5	< 0.2	1.69	12	650	0.5	< 2	0.12	8.5	123	9	67	4.20	< 10	1	0.22	10	0.09	6620
ASL5800N 575E	201	229	< 5	< 0.2	1.02	14	350	< 0.5	< 2	0.46	1.0	13	13	44	3.56	< 10	< 1	0.21	10	0.44	735
ASL5800N 600E	201	229	< 5	0.4	0.89	52	700	< 0.5	< 2	0.46	1.5	15	10	51	4.48	< 10	< 1	0.25	10	0.24	2110
ASL5800N 625EN/S	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL5800N 650E	201	229	< 5	< 0.2	1.09	20	560	< 0.5	< 2	0.27	1.0	10	10	45	3.81	< 10	< 1	0.24	10	0.25	1155
ASL5800N 675E	201	229	< 5	< 0.2	1.60	28	610	< 0.5	< 2	0.40	0.5	16	22	64	4.70	10	1	0.16	20	0.76	1500
ASL5800N 700E	201	229	< 5	< 0.2	1.69	30	170	< 0.5	2	0.11	< 0.5	15	19	63	4.68	< 10	1	0.09	10	0.80	1000
ASL5800N 725E	201	229	< 5	0.4	2.02	26	140	< 0.5	< 2	0.06	0.5	12	16	54	4.20	< 10	< 1	0.10	10	0.52	1315
ASL5800N 750E	201	229	< 5	< 0.2	1.83	18	540	< 0.5	< 2	0.31	0.5	8	21	26	4.22	< 10	1	0.18	10	0.69	1640

CERTIFICATION: David Buchan

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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CERTIFICATE OF ANALYSIS A9522164

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
ASL5600N 450E	201	229	1	< 0.01	9	1400	22	2	2	33	< 0.01	< 10	< 10	51	< 10	138
ASL5600N 475E	201	229	1	< 0.01	6	1870	30	4	5	50	< 0.01	< 10	< 10	51	< 10	188
ASL5600N 500E	201	229	3	< 0.01	23	1020	20	2	7	45	< 0.01	< 10	< 10	47	< 10	140
ASL5600N 525E	201	229	3	< 0.01	27	560	26	< 2	6	13	< 0.01	< 10	< 10	20	< 10	118
ASL5600N 550E	201	229	2	0.01	33	1250	16	2	7	51	0.01	< 10	< 10	47	< 10	148
ASL5600N 575E	201	229	2	0.01	34	1100	14	2	9	34	0.01	< 10	< 10	57	< 10	108
ASL5600N 600E	201	229	3	0.01	39	1260	14	2	8	42	< 0.01	< 10	< 10	54	< 10	112
ASL5600N 625E	201	229	3	0.01	31	1140	12	2	6	28	< 0.01	< 10	< 10	56	< 10	104
ASL5700N 450E	201	229	2	0.01	21	1570	20	2	3	40	< 0.01	< 10	< 10	38	< 10	86
ASL5700N 475E	201	229	1	< 0.01	17	940	28	2	7	28	< 0.01	< 10	< 10	43	< 10	192
ASL5700N 500E	201	229	1	0.01	21	1260	10	2	2	137	0.01	< 10	< 10	28	< 10	254
ASL5700N 525E	201	229	6	< 0.01	24	1250	14	2	7	31	< 0.01	< 10	< 10	39	< 10	184
ASL5700N 550E	201	229	2	< 0.01	11	1380	22	2	1	76	0.01	< 10	< 10	84	< 10	112
ASL5700N 575E	201	229	4	< 0.01	20	1440	16	2	7	41	< 0.01	< 10	< 10	38	< 10	214
ASL5700N 600E	201	229	6	0.01	21	1500	10	< 2	8	52	< 0.01	< 10	< 10	29	< 10	212
ASL5700N 625E	201	229	2	0.01	18	1250	8	2	7	61	< 0.01	< 10	< 10	48	< 10	140
ASL5700N 650E	201	229	2	0.01	18	1160	6	2	10	52	0.04	< 10	< 10	91	< 10	116
ASL5700N 675E	201	229	3	0.01	25	1040	18	4	13	23	< 0.01	< 10	< 10	78	< 10	98
ASL5700N 700E	201	229	4	0.01	24	1060	8	2	8	41	0.01	< 10	< 10	54	< 10	140
ASL5700N 725E	201	229	5	0.01	37	1010	12	2	9	60	< 0.01	< 10	< 10	44	< 10	166
ASL5700N 750E	201	229	3	0.01	23	990	10	< 2	9	38	0.01	< 10	< 10	55	< 10	128
ASL5700N 775E	201	229	3	0.01	23	960	6	2	8	59	< 0.01	< 10	< 10	46	< 10	134
ASL5700N 800E	201	229	6	0.01	23	1180	8	2	9	69	< 0.01	< 10	< 10	49	< 10	168
ASL5700N 825E	201	229	3	0.01	22	1190	10	< 2	8	43	0.02	< 10	< 10	58	< 10	138
ASL5700N 850E	201	229	3	0.01	22	1070	8	2	11	43	0.01	< 10	< 10	56	< 10	138
ASL5700N 875E	201	229	6	0.01	22	1060	16	2	8	33	< 0.01	< 10	< 10	52	< 10	174
ASL5700N 900EN/S	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL5700N 925E	201	229	3	0.01	25	930	6	< 2	10	48	< 0.01	< 10	< 10	56	< 10	140
ASL5700N 950E	201	229	6	0.01	27	1130	14	2	10	53	< 0.01	< 10	< 10	52	< 10	164
ASL5700N 975E	201	229	4	0.01	26	1200	10	< 2	9	43	0.02	< 10	< 10	60	< 10	146
ASL5700N 1000E	201	229	6	0.01	19	2230	< 2	< 2	3	100	< 0.01	< 10	< 10	4	10	324
ASL5800N 550E	201	229	8	0.01	145	1260	16	< 2	9	19	< 0.01	< 10	< 10	12	< 10	326
ASL5800N 575E	201	229	6	0.01	42	870	16	< 2	9	43	< 0.01	< 10	< 10	27	< 10	172
ASL5800N 600E	201	229	6	0.01	24	1520	18	2	13	38	< 0.01	< 10	< 10	36	< 10	206
ASL5800N 625EN/S	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL5800N 650E	201	229	4	0.01	22	830	14	< 2	12	31	< 0.01	< 10	< 10	31	< 10	172
ASL5800N 675E	201	229	3	0.01	26	1110	14	< 2	11	34	< 0.01	< 10	< 10	63	< 10	162
ASL5800N 700E	201	229	2	< 0.01	23	1120	16	2	7	18	0.01	< 10	< 10	64	< 10	120
ASL5800N 725E	201	229	2	0.01	14	1580	34	< 2	6	12	0.01	< 10	< 10	56	< 10	152
ASL5800N 750E	201	229	2	0.01	13	430	28	2	7	32	< 0.01	< 10	< 10	48	< 10	310

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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Page Number :3-A
Total Pages :5
Certificate Date: 30-JUL-95
Invoice No. :I9522164
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9522164

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
ASL5800N 775E	201	229	< 5	1.2	2.51	30	220	< 0.5	< 2	0.13	1.0	13	23	43	4.77	< 10	< 1	0.13	10	0.44	1480
ASL5800N 800E	201	229	< 5	< 0.2	1.42	22	350	< 0.5	< 2	0.54	1.0	11	19	25	3.42	< 10	< 1	0.22	10	0.50	1460
ASL5800N 825E	201	229	< 5	0.2	1.79	20	100	< 0.5	< 2	0.07	< 0.5	12	21	41	4.66	< 10	< 1	0.13	< 10	0.44	1235
ASL5800N 850E	201	229	< 5	0.6	1.71	34	150	< 0.5	< 2	0.11	< 0.5	14	19	40	4.39	< 10	< 1	0.14	10	0.49	1740
ASL5800N 875E	201	229	< 5	0.6	1.53	36	190	< 0.5	2	0.11	< 0.5	14	21	40	4.52	< 10	1	0.12	< 10	0.52	1785
ASL5800N 900E	201	229	< 5	0.4	1.29	20	600	< 0.5	< 2	0.74	4.5	13	15	31	3.85	< 10	< 1	0.14	< 10	0.56	1995
ASL5800N 925E	201	229	< 5	0.2	1.50	24	460	< 0.5	2	0.40	2.5	12	16	34	3.49	< 10	< 1	0.15	< 10	0.68	1255
ASL5800N 950E	201	229	< 5	0.8	0.92	16	620	< 0.5	< 2	0.77	2.0	9	7	39	2.95	< 10	< 1	0.16	10	0.28	915
ASL5800N 975E	201	229	< 5	0.6	0.66	12	510	< 0.5	< 2	0.36	0.5	8	2	27	2.68	< 10	< 1	0.21	10	0.12	865
ASL5800N 1000E	201	229	< 5	0.8	1.00	12	510	< 0.5	< 2	0.65	1.0	6	5	26	2.19	< 10	< 1	0.24	10	0.21	425
ASL5900N 700E	201	229	< 5	1.4	0.76	28	460	< 0.5	< 2	0.08	< 0.5	9	8	26	2.91	< 10	< 1	0.18	< 10	0.14	2520
ASL5900N 725E	201	229	< 5	2.4	0.74	28	240	< 0.5	< 2	0.06	< 0.5	4	9	28	3.15	< 10	1	0.13	< 10	0.09	600
ASL5900N 750E	201	229	< 5	1.2	1.41	28	530	< 0.5	< 2	0.18	1.0	12	12	31	3.73	< 10	< 1	0.16	10	0.40	2310
ASL5900N 775E	201	229	< 5	0.2	1.78	14	320	< 0.5	< 2	0.31	0.5	10	24	44	3.46	< 10	< 1	0.10	10	1.02	705
ASL5900N 800E	201	229	< 5	0.2	1.66	18	550	< 0.5	< 2	0.67	0.5	15	21	43	4.04	< 10	< 1	0.10	10	1.01	2430
ASL5900N 825E	201	229	< 5	< 0.2	0.76	14	500	< 0.5	2	0.59	0.5	3	11	21	2.77	< 10	< 1	0.10	< 10	0.18	150
ASL5900N 850EN/S	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL5900N 875E	201	229	< 5	0.2	0.85	18	380	< 0.5	4	0.26	2.5	16	5	55	3.25	< 10	< 1	0.24	< 10	0.12	725
ASL5900N 900E	201	229	< 5	0.4	0.69	26	130	< 0.5	< 2	0.10	< 0.5	3	8	28	2.67	< 10	< 1	0.15	< 10	0.08	260
ASL5900N 925E	201	229	10	< 0.2	1.39	14	90	< 0.5	6	0.07	< 0.5	7	16	27	5.13	10	< 1	0.12	10	0.45	610
ASL5900N 950E	201	229	< 5	0.4	1.39	16	110	< 0.5	< 2	0.13	< 0.5	7	17	40	4.60	< 10	< 1	0.15	< 10	0.43	505
ASL5900N 975E	201	229	< 5	0.4	1.71	20	220	< 0.5	< 2	0.14	0.5	7	17	22	2.97	< 10	< 1	0.16	< 10	0.42	520
ASL5900N 1000E	201	229	< 5	0.2	1.81	12	270	< 0.5	< 2	0.59	1.0	5	13	29	1.83	< 10	< 1	0.15	< 10	0.42	220
ASL5900N 1025ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL5900N 1050E	201	229	< 5	< 0.2	1.22	24	200	< 0.5	< 2	0.39	0.5	5	13	15	2.63	< 10	< 1	0.17	10	0.38	200
ASL5900N 1075E	201	229	< 5	0.2	2.33	22	120	< 0.5	< 2	0.11	0.5	13	26	44	5.41	< 10	< 1	0.16	10	0.57	1460
ASL5900N 1100E	201	229	< 5	0.2	1.23	20	100	< 0.5	4	0.08	< 0.5	4	18	34	3.87	< 10	< 1	0.06	< 10	0.22	235
ASL5900N 1125E	201	229	< 5	< 0.2	1.49	20	80	< 0.5	< 2	0.08	< 0.5	8	18	30	4.18	< 10	< 1	0.13	< 10	0.36	845
ASL5900N 1150E	201	229	< 5	< 0.2	2.10	6	170	< 0.5	2	0.15	0.5	13	23	41	3.72	< 10	< 1	0.15	10	0.72	870
ASL5900N 1175E	201	229	< 5	0.2	2.27	18	270	0.5	< 2	0.28	0.5	15	20	27	4.18	< 10	< 1	0.16	10	0.64	1285
ASL5900N 1200E	201	229	< 5	0.2	1.37	12	480	< 0.5	< 2	1.02	1.5	14	15	23	3.12	< 10	< 1	0.13	< 10	0.50	1660
ASL5900N 1225E	201	229	< 5	0.4	2.60	16	190	0.5	< 2	0.18	0.5	18	25	42	4.49	< 10	< 1	0.18	10	0.69	1400
ASL5900N 1250E	201	229	< 5	0.2	2.79	18	140	0.5	< 2	0.23	0.5	17	28	49	4.77	< 10	< 1	0.17	10	0.89	1095
ASL5900N 1275E	201	229	< 5	1.2	2.77	20	200	0.5	2	0.30	0.5	17	27	42	5.23	< 10	< 1	0.15	10	0.92	1530
ASL5900N 1300E	201	229	< 5	0.2	1.24	28	510	0.5	< 2	0.31	1.0	15	7	54	5.52	< 10	1	0.23	20	0.27	2640
ASL6000N 0800E	201	229	< 5	0.4	1.74	18	690	1.0	< 2	0.28	0.5	13	11	30	3.87	< 10	< 1	0.20	10	0.38	1985
ASL6000N 0825E	201	229	< 5	0.6	2.19	12	540	1.0	< 2	0.37	0.5	9	19	22	3.53	< 10	1	0.15	20	0.33	1465
ASL6000N 0850E	201	229	< 5	< 0.2	0.97	50	480	0.5	< 2	0.76	1.5	13	10	20	4.86	< 10	< 1	0.17	10	0.42	2350
ASL6000N 0875E	201	229	< 5	< 0.2	0.45	14	150	< 0.5	< 2	1.95	1.0	2	4	18	0.79	< 10	< 1	0.08	< 10	0.46	80
ASL6000N 0900E	201	229	< 5	0.4	1.46	80	270	0.5	< 2	0.48	1.0	16	27	18	4.91	< 10	< 1	0.21	10	0.36	670

CERTIFICATION: Ian Bidder

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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 30-JUL-95
Invoice No. :I9522164
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9522164

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
ASL5800N 775E	201	229	2	0.01	14	1350	34	2	5	14	0.01	< 10	< 10	53	< 10	242
ASL5800N 800E	201	229	2	0.01	12	1110	22	4	7	38	< 0.01	< 10	< 10	47	< 10	220
ASL5800N 825E	201	229	3	< 0.01	12	1290	30	2	3	10	< 0.01	< 10	< 10	58	< 10	178
ASL5800N 850E	201	229	3	< 0.01	13	1230	78	4	6	15	< 0.01	< 10	< 10	54	< 10	348
ASL5800N 875E	201	229	3	0.01	14	1450	84	6	3	18	0.01	< 10	< 10	69	< 10	308
ASL5800N 900E	201	229	7	0.01	23	1240	20	6	6	59	0.01	< 10	< 10	49	< 10	390
ASL5800N 925E	201	229	5	0.01	18	1350	16	4	3	36	0.01	< 10	< 10	56	< 10	272
ASL5800N 950E	201	229	3	0.01	22	1240	18	2	4	68	0.01	< 10	< 10	48	< 10	166
ASL5800N 975E	201	229	1	< 0.01	4	1130	20	< 2	5	46	< 0.01	< 10	< 10	38	< 10	136
ASL5800N 1000E	201	229	< 1	0.01	8	1110	24	< 2	6	66	< 0.01	< 10	< 10	32	< 10	144
ASL5900N 700E	201	229	4	< 0.01	6	1200	32	2	< 1	24	0.01	< 10	< 10	54	< 10	176
ASL5900N 725E	201	229	3	< 0.01	5	1890	48	4	< 1	19	0.01	< 10	< 10	48	< 10	174
ASL5900N 750E	201	229	3	0.01	10	1560	42	4	2	28	< 0.01	< 10	< 10	50	< 10	360
ASL5900N 775E	201	229	< 1	0.01	19	870	18	< 2	7	33	0.02	< 10	< 10	64	< 10	194
ASL5900N 800E	201	229	1	0.01	20	870	10	4	7	68	0.01	< 10	< 10	59	< 10	204
ASL5900N 825E	201	229	4	0.01	4	620	12	2	1	61	0.04	< 10	< 10	89	< 10	90
ASL5900N 850EN/S	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL5900N 875E	201	229	7	0.01	37	530	12	4	9	62	< 0.01	< 10	< 10	22	< 10	218
ASL5900N 900E	201	229	1	0.01	6	1300	8	2	2	16	0.01	< 10	< 10	37	< 10	82
ASL5900N 925E	201	229	1	< 0.01	8	950	8	6	2	12	0.03	< 10	< 10	84	< 10	80
ASL5900N 950E	201	229	2	0.01	8	1270	20	4	2	18	0.03	< 10	< 10	74	< 10	82
ASL5900N 975E	201	229	3	0.01	10	920	14	2	3	26	0.01	< 10	< 10	59	< 10	132
ASL5900N 1000E	201	229	3	0.01	13	760	12	2	4	64	0.02	< 10	< 10	47	< 10	162
ASL5900N 1025ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL5900N 1050E	201	229	1	0.01	11	680	18	2	7	51	< 0.01	< 10	< 10	38	< 10	232
ASL5900N 1075E	201	229	2	0.01	14	1060	18	4	6	14	0.03	< 10	< 10	92	< 10	150
ASL5900N 1100E	201	229	1	< 0.01	8	1120	12	2	1	11	0.01	< 10	< 10	61	< 10	78
ASL5900N 1125E	201	229	1	0.01	9	1260	16	4	2	13	0.02	< 10	< 10	68	< 10	96
ASL5900N 1150E	201	229	1	0.01	15	660	14	4	7	19	0.01	< 10	< 10	60	< 10	142
ASL5900N 1175E	201	229	3	0.01	14	1480	20	< 2	2	23	0.02	< 10	< 10	79	< 10	182
ASL5900N 1200E	201	229	2	0.01	15	1270	14	< 2	3	54	0.03	< 10	< 10	62	< 10	170
ASL5900N 1225E	201	229	3	0.01	20	1080	18	< 2	3	19	0.01	< 10	< 10	72	< 10	172
ASL5900N 1250E	201	229	3	0.01	19	1090	18	< 2	6	19	0.05	< 10	< 10	98	< 10	160
ASL5900N 1275E	201	229	2	0.01	20	1020	18	< 2	6	22	0.06	< 10	< 10	98	< 10	180
ASL5900N 1300E	201	229	1	< 0.01	8	1740	32	< 2	10	36	< 0.01	< 10	< 10	76	< 10	266
ASL6000N 0800E	201	229	3	0.01	10	1410	24	< 2	2	30	< 0.01	< 10	< 10	59	< 10	154
ASL6000N 0825E	201	229	2	0.01	11	1910	22	< 2	2	33	0.02	< 10	< 10	53	< 10	130
ASL6000N 0850E	201	229	2	0.01	12	1050	14	< 2	5	66	< 0.01	< 10	< 10	40	< 10	234
ASL6000N 0875E	201	229	< 1	0.01	6	830	2	< 2	1	232	< 0.01	< 10	< 10	12	< 10	54
ASL6000N 0900E	201	229	2	0.01	21	890	32	< 2	9	74	0.01	< 10	< 10	48	< 10	264

CERTIFICATION: Ian A Bichler

Chemex Labs Ltd.

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Project : PTH 95-1
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Page Number :4-A
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CERTIFICATE OF ANALYSIS A9522164

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
ASL6000N 0925E	201	229	< 5	0.2	1.14	42	180	< 0.5	< 2	0.46	1.0	11	11	24	3.08	< 10	< 1	0.14	10	0.34	775
ASL6000N 0950E	201	229	< 5	0.2	1.08	24	520	< 0.5	< 2	0.30	1.5	8	6	15	2.85	< 10	< 1	0.13	< 10	0.17	2670
ASL6000N 0975E	201	229	< 5	< 0.2	1.37	42	100	< 0.5	< 2	0.04	< 0.5	6	11	26	5.37	< 10	< 1	0.13	< 10	0.11	410
ASL6000N 1000E	201	229	< 5	2.4	1.09	54	270	< 0.5	< 2	0.06	< 0.5	13	8	42	3.60	< 10	< 1	0.30	< 10	0.11	1470
ASL6000N 1025E	201	229	< 5	1.4	0.75	142	280	< 0.5	< 2	0.08	0.5	25	26	49	4.95	< 10	< 1	0.20	< 10	0.10	3780
ASL6000N 1050E	201	229	< 5	3.8	2.07	8	360	< 0.5	< 2	0.35	< 0.5	3	14	24	1.31	< 10	< 1	0.11	30	0.30	160
ASL6000N 1075E	201	229	< 5	< 0.2	1.37	14	90	< 0.5	< 2	0.07	< 0.5	4	21	27	5.13	10	< 1	0.06	10	0.21	175
ASL6000N 1100E	201	229	< 5	< 0.2	1.64	18	260	< 0.5	< 2	0.20	0.5	10	21	41	3.68	< 10	< 1	0.18	< 10	0.56	1280
ASL6000N 1125E	201	229	< 5	< 0.2	1.47	22	70	< 0.5	< 2	0.08	< 0.5	6	33	28	7.69	< 10	< 1	0.06	< 10	0.33	515
ASL6000N 1150E	201	229	< 5	0.2	1.67	20	80	< 0.5	< 2	0.11	< 0.5	12	29	38	6.85	< 10	< 1	0.08	< 10	0.46	1295
ASL6000N 1175E	201	229	< 5	0.2	2.46	22	120	< 0.5	2	0.09	< 0.5	13	21	27	4.32	10	< 1	0.12	10	0.38	1760
ASL6000N 1200E	201	229	< 5	0.4	2.09	26	120	< 0.5	< 2	0.10	0.5	13	22	40	5.14	< 10	< 1	0.10	< 10	0.38	1555
ASL6000N 1225E	201	229	< 5	0.4	1.14	22	650	< 0.5	< 2	0.25	0.5	8	9	35	3.82	< 10	< 1	0.19	< 10	0.19	1150
ASL6000N 1250E	201	229	< 5	0.4	1.09	32	310	< 0.5	< 2	0.08	< 0.5	8	4	25	3.55	< 10	1	0.14	10	0.09	1350
ASL6000N 1275E	201	229	< 5	0.6	0.82	14	520	< 0.5	< 2	0.23	0.5	6	4	26	3.36	< 10	< 1	0.16	< 10	0.09	1205
ASL6000N 1300E	201	229	< 5	0.6	0.65	16	370	< 0.5	< 2	0.14	0.5	5	4	23	3.14	< 10	< 1	0.18	< 10	0.08	1055
ASL6000N 1325E	201	229	< 5	0.6	1.25	26	130	< 0.5	2	0.04	< 0.5	6	9	19	3.61	< 10	< 1	0.14	10	0.09	1060
ASL6100N 900E	201	229	< 5	1.2	2.63	24	550	< 0.5	< 2	0.21	1.0	12	15	26	4.30	10	< 1	0.13	20	0.20	4190
ASL6100N 925E	201	229	< 5	0.2	1.38	12	1020	< 0.5	< 2	0.40	1.0	7	9	18	3.56	10	< 1	0.16	10	0.21	1260
ASL6100N 950E	201	229	< 5	0.2	1.99	20	340	< 0.5	2	0.18	< 0.5	4	12	18	3.32	< 10	< 1	0.13	10	0.37	475
ASL6100N 975E	201	229	< 5	0.2	1.05	20	580	< 0.5	< 2	0.33	1.5	8	10	17	3.47	10	< 1	0.14	10	0.13	1265
ASL6100N 1000E	201	229	< 5	0.2	0.88	16	410	< 0.5	< 2	0.23	1.0	5	9	11	3.42	< 10	< 1	0.11	10	0.11	1460
ASL6100N 1025E	201	229	< 5	0.6	2.29	40	490	< 0.5	< 2	0.47	2.0	9	17	20	4.46	10	< 1	0.16	10	0.37	1875
ASL6100N 1075ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL6100N 1075E	201	229	< 5	0.6	0.45	< 2	90	< 0.5	< 2	0.87	13.0	1	3	24	0.25	< 10	< 1	0.02	10	0.12	55
ASL6100N 1100E	201	229	< 5	3.8	2.25	36	190	< 0.5	< 2	0.14	0.5	8	17	31	4.73	10	< 1	0.10	20	0.28	1005
ASL6100N 1125E	201	229	< 5	5.2	2.07	50	180	< 0.5	< 2	0.24	0.5	11	18	31	3.69	< 10	< 1	0.11	10	0.46	1860
ASL6100N 1150E	201	229	< 5	1.6	2.00	20	240	< 0.5	< 2	0.32	< 0.5	8	22	16	2.97	< 10	< 1	0.10	10	0.84	295
ASL6100N 1175E	201	229	< 5	1.2	1.60	16	320	< 0.5	< 2	0.44	2.5	3	15	30	1.21	< 10	< 1	0.08	10	0.43	150
ASL6100N 1200E	201	229	< 5	0.2	0.75	24	560	< 0.5	< 2	0.40	1.5	9	4	20	3.12	< 10	< 1	0.21	10	0.14	2010
ASL6100N 1225E	201	229	< 5	0.4	0.67	36	590	< 0.5	< 2	0.63	3.0	13	4	34	3.38	< 10	< 1	0.23	10	0.13	3150
ASL6100N 1250E	201	229	< 5	0.4	0.87	36	730	< 0.5	< 2	0.37	1.5	8	6	22	3.96	< 10	< 1	0.21	10	0.12	1715
ASL6100N 1275E	201	229	< 5	0.2	0.51	26	620	< 0.5	< 2	0.47	0.5	10	3	30	3.59	< 10	< 1	0.21	10	0.10	2070
ASL6100N 1300E	201	229	< 5	0.2	0.50	30	500	< 0.5	< 2	0.43	0.5	12	2	37	3.89	< 10	< 1	0.22	10	0.10	1905
ASL6100N 1325ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL6100N 1350E	201	229	< 5	0.4	0.59	26	800	< 0.5	< 2	0.36	1.0	12	3	41	4.17	< 10	< 1	0.21	10	0.12	2150
ASL6100N 1375E	201	229	< 5	0.6	1.36	20	840	< 0.5	< 2	0.25	2.5	9	8	25	3.25	< 10	< 1	0.22	10	0.19	1225
ASL6100N 1400E	201	229	< 5	1.2	0.65	8	570	< 0.5	< 2	0.57	3.5	4	5	16	2.17	< 10	< 1	0.22	< 10	0.12	1155
ASL6100N 1425E	201	229	< 5	1.6	0.61	24	460	< 0.5	< 2	0.30	1.5	6	4	22	3.09	< 10	< 1	0.18	< 10	0.09	865
ASL6100N 1450E	201	229	< 5	3.0	1.01	16	130	< 0.5	< 2	0.08	< 0.5	8	5	27	3.33	< 10	1	0.20	10	0.10	1215

CERTIFICATION: Stewart Buchlen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Page Number :4-B
Total Pages :5
Certificate Date: 30-JUL-95
Invoice No. :I9522164
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9522164

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
ASL6000N 0925E	201	229	1	0.01	9	770	30	4	7	62	0.01	< 10	< 10	33	< 10	274
ASL6000N 0950E	201	229	3	< 0.01	15	600	14	2	2	42	< 0.01	< 10	< 10	31	< 10	238
ASL6000N 0975E	201	229	5	< 0.01	9	560	44	6	2	19	0.01	< 10	< 10	62	< 10	222
ASL6000N 1000E	201	229	1	< 0.01	9	1050	132	8	4	15	< 0.01	< 10	< 10	29	< 10	312
ASL6000N 1025E	201	229	2	< 0.01	44	1330	82	16	3	22	< 0.01	< 10	< 10	45	< 10	558
ASL6000N 1050E	201	229	< 1	0.02	6	1470	46	< 2	2	42	0.02	< 10	< 10	27	< 10	468
ASL6000N 1075E	201	229	3	< 0.01	7	720	10	2	3	15	0.11	< 10	< 10	155	< 10	70
ASL6000N 1100E	201	229	1	0.01	12	1160	16	2	3	23	0.01	< 10	< 10	55	< 10	156
ASL6000N 1125E	201	229	9	< 0.01	10	1260	18	6	3	9	0.02	< 10	< 10	139	< 10	98
ASL6000N 1150E	201	229	1	< 0.01	12	860	36	6	3	16	0.02	< 10	< 10	73	< 10	110
ASL6000N 1175E	201	229	1	0.01	10	1330	18	6	3	14	0.05	< 10	< 10	75	< 10	126
ASL6000N 1200E	201	229	1	0.01	11	1700	22	2	2	14	0.02	< 10	< 10	69	< 10	152
ASL6000N 1225E	201	229	< 1	< 0.01	6	2040	28	4	2	32	< 0.01	< 10	< 10	55	< 10	184
ASL6000N 1250E	201	229	1	< 0.01	2	1310	38	2	< 1	18	< 0.01	< 10	< 10	43	< 10	188
ASL6000N 1275E	201	229	< 1	< 0.01	2	2010	22	4	< 1	25	< 0.01	< 10	< 10	47	< 10	192
ASL6000N 1300E	201	229	1	< 0.01	1	1630	22	< 2	< 1	20	< 0.01	< 10	< 10	48	< 10	180
ASL6000N 1325E	201	229	2	< 0.01	3	1430	22	2	< 1	12	0.01	< 10	< 10	55	< 10	132
ASL6100N 900E	201	229	3	0.01	7	1350	36	< 2	2	26	0.03	< 10	< 10	57	< 10	242
ASL6100N 925E	201	229	1	0.01	3	1450	24	2	1	35	0.01	< 10	< 10	53	< 10	158
ASL6100N 950E	201	229	< 1	0.01	8	580	16	2	3	20	< 0.01	< 10	< 10	41	< 10	206
ASL6100N 975E	201	229	2	0.01	8	880	28	4	1	24	0.03	< 10	< 10	60	< 10	118
ASL6100N 1000E	201	229	2	0.01	1	660	22	2	1	19	0.06	< 10	< 10	62	< 10	114
ASL6100N 1025E	201	229	1	0.01	8	1820	48	2	4	39	0.03	< 10	< 10	54	< 10	492
ASL6100N 1075ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL6100N 1075E	201	229	< 1	0.01	4	1140	6	2	< 1	43	< 0.01	< 10	< 10	8	< 10	50
ASL6100N 1100E	201	229	1	< 0.01	5	790	38	6	2	16	0.02	< 10	< 10	58	< 10	272
ASL6100N 1125E	201	229	1	0.01	10	1140	28	2	3	22	0.02	< 10	< 10	48	< 10	502
ASL6100N 1150E	201	229	< 1	0.01	10	860	28	< 2	5	22	0.02	< 10	< 10	57	< 10	250
ASL6100N 1175E	201	229	1	0.01	7	1040	20	< 2	1	30	0.01	< 10	< 10	44	< 10	160
ASL6100N 1200E	201	229	1	< 0.01	3	1950	40	2	2	41	< 0.01	< 10	< 10	40	< 10	260
ASL6100N 1225E	201	229	1	0.01	3	2170	36	6	1	51	< 0.01	< 10	< 10	39	< 10	292
ASL6100N 1250E	201	229	1	0.01	3	2830	40	6	1	41	< 0.01	< 10	< 10	43	< 10	302
ASL6100N 1275E	201	229	1	< 0.01	1	1960	54	4	4	53	< 0.01	< 10	< 10	42	< 10	216
ASL6100N 1300E	201	229	1	< 0.01	1	1470	36	4	7	48	< 0.01	< 10	< 10	43	< 10	230
ASL6100N 1325ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL6100N 1350E	201	229	< 1	< 0.01	2	1260	42	4	7	45	< 0.01	< 10	< 10	45	10	250
ASL6100N 1375E	201	229	1	0.01	3	1060	56	2	5	42	< 0.01	< 10	< 10	45	< 10	382
ASL6100N 1400E	201	229	1	0.01	2	1390	52	4	< 1	50	< 0.01	< 10	< 10	33	< 10	220
ASL6100N 1425E	201	229	< 1	< 0.01	2	1390	48	2	1	29	< 0.01	< 10	< 10	42	< 10	212
ASL6100N 1450E	201	229	1	< 0.01	2	1110	34	2	2	23	< 0.01	< 10	< 10	55	< 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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 30-JUL-95
Invoice No. :19522164
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9522164

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
ASL6100N 1475E	201	229	< 5	0.2	0.73	22	360	< 0.5	< 2	0.34	0.5	11	5	24	3.57	< 10	< 1	0.23	10	0.11	1890
ASL6100N 1500E	201	229	< 5	0.4	0.54	16	580	< 0.5	< 2	0.48	0.5	10	3	35	3.48	< 10	< 1	0.18	10	0.11	1780
ASL6200N 1000E	201	229	< 5	1.2	0.80	22	1000	< 0.5	< 2	0.07	1.0	20	3	35	8.96	< 10	< 1	0.19	30	0.11	>10000
ASL6200N 1025E	201	229	< 5	1.2	1.17	46	290	< 0.5	< 2	0.26	6.5	41	1	76	5.18	10	2	0.16	30	0.03	>10000
ASL6200N 1050E	201	229	< 5	< 0.2	0.62	10	80	< 0.5	< 2	0.13	0.5	16	2	44	6.26	< 10	< 1	0.12	30	0.01	1720
ASL6200N 1075E	201	229	< 5	0.2	0.91	18	160	< 0.5	< 2	0.04	< 0.5	14	4	41	4.79	< 10	< 1	0.16	20	0.08	2990
ASL6200N 1100E	201	229	< 5	0.2	0.59	28	480	< 0.5	< 2	0.32	1.5	15	1	51	3.32	< 10	< 1	0.29	20	0.09	2610
ASL6200N 1125E	201	229	< 5	2.4	1.25	60	350	< 0.5	< 2	0.13	0.5	10	6	39	3.25	< 10	1	0.19	10	0.09	3350
ASL6200N 1150E	201	229	< 5	< 0.2	0.72	42	130	< 0.5	< 2	0.01	< 0.5	2	3	31	3.56	< 10	< 1	0.18	10	0.04	785
ASL6200N 1175E	201	229	< 5	1.2	0.45	42	110	< 0.5	< 2	0.04	< 0.5	3	7	38	3.83	< 10	< 1	0.18	10	0.04	585
ASL6200N 1200E	201	229	< 5	0.8	0.34	30	110	< 0.5	< 2	0.02	< 0.5	3	5	31	3.01	< 10	< 1	0.14	10	0.03	320
ASL6200N 1225E	201	229	< 5	0.2	0.35	34	80	< 0.5	< 2	0.03	< 0.5	4	7	40	3.24	< 10	< 1	0.11	10	0.04	365
ASL6200N 1250E	201	229	< 5	0.4	0.98	32	130	< 0.5	< 2	0.05	< 0.5	7	13	36	5.27	< 10	< 1	0.15	< 10	0.16	1300
ASL6200N 1275E	201	229	< 5	0.4	0.97	24	160	< 0.5	< 2	0.05	< 0.5	3	9	21	3.99	< 10	< 1	0.13	< 10	0.12	710
ASL6200N 1300E	201	229	< 5	0.6	1.78	32	270	< 0.5	< 2	0.06	< 0.5	12	16	50	4.37	< 10	< 1	0.20	10	0.62	2870
ASL6200N 1325E	201	229	< 5	0.2	1.26	28	360	< 0.5	< 2	0.21	0.5	14	13	40	4.37	< 10	< 1	0.20	10	0.49	2140
ASL6200N 1350E	201	229	< 5	0.2	0.52	42	370	< 0.5	< 2	0.24	1.5	21	3	51	5.48	< 10	1	0.15	10	0.08	3980
ASL6200N 1375E	201	229	< 5	0.6	1.05	28	760	< 0.5	< 2	0.20	0.5	15	7	33	3.87	< 10	< 1	0.16	10	0.30	3870
ASL6200N 1400EMS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL6200N 1425E	201	229	< 5	< 0.2	0.42	30	1470	< 0.5	< 2	0.80	0.5	4	7	20	9.14	< 10	< 1	0.12	< 10	0.18	2630
ASL6200N 1450E	201	229	< 5	0.4	1.08	22	820	< 0.5	< 2	0.30	0.5	8	6	18	3.39	< 10	< 1	0.22	10	0.15	2270
ASL6300N 1250E	201	229	< 5	0.2	1.06	40	200	< 0.5	< 2	0.05	< 0.5	7	33	25	3.24	< 10	< 1	0.13	10	0.07	1235
ASL6300N 1275E	201	229	< 5	0.6	0.71	38	980	< 0.5	< 2	0.19	2.5	9	3	23	3.11	< 10	2	0.21	20	0.07	3780
ASL6300N 1300E	201	229	< 5	< 0.2	0.49	16	340	< 0.5	4	0.01	< 0.5	1	1	18	2.16	< 10	< 1	0.17	< 10	0.02	285
ASL6300N 1325E	201	229	< 5	< 0.2	0.48	24	420	< 0.5	< 2	0.09	< 0.5	4	1	21	3.29	< 10	< 1	0.20	10	0.03	495
ASL6300N 1350E	201	229	< 5	< 0.2	0.39	18	490	< 0.5	2	0.01	< 0.5	< 1	1	15	2.33	< 10	< 1	0.28	10	0.01	80
ASL6300N 1375E	201	229	< 5	< 0.2	0.51	14	430	< 0.5	2	0.02	< 0.5	1	2	14	2.71	< 10	< 1	0.23	10	0.03	190
ASL6300N 1400E	201	229	< 5	0.4	0.81	20	380	< 0.5	< 2	0.02	< 0.5	3	3	19	4.44	< 10	< 1	0.22	< 10	0.07	335
ASL6300N 1425E	201	229	< 5	0.2	0.65	20	420	< 0.5	< 2	0.04	< 0.5	1	3	18	3.45	< 10	1	0.25	10	0.04	345
ASL6300N 1450E	201	229	< 5	< 0.2	1.11	24	320	< 0.5	< 2	0.04	< 0.5	8	7	27	4.02	< 10	< 1	0.22	10	0.18	815
ASL6300N 1475E	201	229	< 5	< 0.2	1.32	8	570	< 0.5	< 2	0.18	0.5	5	25	13	2.50	< 10	< 1	0.16	< 10	0.51	185
ASL6300N 1500E	201	229	< 5	0.2	1.96	24	90	< 0.5	< 2	0.09	< 0.5	12	13	53	6.93	10	< 1	0.14	10	0.37	1015
ASL7800N 1850E	201	229	< 5	< 0.2	1.52	2	520	< 0.5	< 2	0.62	1.0	15	24	58	4.35	< 10	1	0.12	10	0.97	985
ASL7800N 1875E	201	229	10	0.2	1.99	26	160	< 0.5	< 2	0.13	< 0.5	12	12	45	4.75	< 10	< 1	0.19	10	0.33	1085
ASL7800N 1900E	201	229	5	0.4	1.94	22	270	< 0.5	< 2	0.36	0.5	20	11	68	5.39	10	< 1	0.18	20	0.53	1470
ASL7800N 1925E	201	229	10	0.4	1.96	18	230	< 0.5	< 2	0.21	0.5	19	11	63	5.37	< 10	1	0.17	20	0.56	1340
ASL7800N 1950E	201	229	< 5	0.8	1.62	22	180	< 0.5	< 2	0.10	< 0.5	14	10	50	5.00	< 10	< 1	0.16	10	0.40	1210
ASL7800N 1975E	201	229	< 5	0.6	1.70	14	240	< 0.5	< 2	0.16	0.5	16	10	52	4.72	< 10	< 1	0.18	10	0.41	1195
ASL7800N 2000E	201	229	< 5	< 0.2	2.11	20	90	< 0.5	< 2	0.05	< 0.5	9	14	36	6.32	10	< 1	0.17	10	0.30	640
ASL7800N 2025E	201	229	< 5	0.6	2.52	14	540	< 0.5	< 2	0.82	0.5	17	16	39	4.45	10	< 1	0.10	10	0.30	3210

CERTIFICATION: Ian Bickler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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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
ASL6100N 1475E	201	229	2	0.01	2	1910	32	4	1	34	< 0.01	< 10	< 10	47	< 10	182
ASL6100N 1500E	201	229	< 1	< 0.01	2	1470	30	2	4	35	< 0.01	< 10	< 10	38	< 10	186
ASL6200N 1000E	201	229	2	< 0.01	< 1	1520	6	6	11	26	< 0.01	< 10	20	65	10	192
ASL6200N 1025E	201	229	2	< 0.01	6	990	24	6	13	100	< 0.01	< 10	10	23	10	380
ASL6200N 1050E	201	229	6	< 0.01	< 1	1500	4	4	8	5	< 0.01	< 10	< 10	16	10	82
ASL6200N 1075E	201	229	3	< 0.01	2	1460	14	2	6	6	< 0.01	< 10	< 10	21	< 10	86
ASL6200N 1100E	201	229	1	< 0.01	3	960	24	4	4	63	< 0.01	< 10	< 10	19	< 10	162
ASL6200N 1125E	201	229	1	< 0.01	5	1110	58	4	4	30	< 0.01	< 10	< 10	29	< 10	302
ASL6200N 1150E	201	229	2	< 0.01	2	1750	30	4	2	20	< 0.01	< 10	< 10	37	< 10	224
ASL6200N 1175E	201	229	2	< 0.01	4	1390	20	2	1	16	0.03	< 10	< 10	57	< 10	252
ASL6200N 1200E	201	229	2	< 0.01	3	820	14	4	1	15	0.04	< 10	< 10	53	< 10	202
ASL6200N 1225E	201	229	3	< 0.01	4	790	12	2	1	13	0.04	< 10	< 10	84	< 10	220
ASL6200N 1250E	201	229	1	< 0.01	5	3360	48	4	1	19	< 0.01	< 10	< 10	61	< 10	192
ASL6200N 1275E	201	229	2	< 0.01	4	1310	22	2	< 1	17	0.01	< 10	< 10	53	< 10	118
ASL6200N 1300E	201	229	2	0.01	10	1550	40	4	5	31	< 0.01	< 10	< 10	58	10	240
ASL6200N 1325E	201	229	2	< 0.01	8	1410	40	4	6	24	< 0.01	< 10	< 10	47	10	166
ASL6200N 1350E	201	229	3	< 0.01	2	1230	22	4	3	21	< 0.01	< 10	< 10	20	10	146
ASL6200N 1375E	201	229	2	< 0.01	8	720	42	2	3	32	< 0.01	< 10	< 10	37	< 10	192
ASL6200N 1400EMS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL6200N 1425E	201	229	1	0.01	< 1	1170	18	6	3	56	< 0.01	< 10	< 10	17	10	102
ASL6200N 1450E	201	229	1	< 0.01	2	1430	36	4	1	36	< 0.01	< 10	< 10	41	< 10	158
ASL6300N 1250E	201	229	1	< 0.01	13	1050	30	2	3	24	< 0.01	< 10	< 10	47	< 10	150
ASL6300N 1275E	201	229	3	< 0.01	3	780	32	4	4	45	< 0.01	< 10	< 10	24	< 10	218
ASL6300N 1300E	201	229	6	< 0.01	< 1	940	72	< 2	< 1	13	< 0.01	< 10	< 10	12	< 10	32
ASL6300N 1325E	201	229	5	< 0.01	< 1	1340	70	< 2	2	20	< 0.01	< 10	< 10	12	< 10	68
ASL6300N 1350E	201	229	5	< 0.01	< 1	900	74	2	< 1	14	< 0.01	< 10	< 10	12	< 10	42
ASL6300N 1375E	201	229	3	< 0.01	1	1700	56	2	< 1	15	< 0.01	< 10	< 10	14	< 10	48
ASL6300N 1400E	201	229	6	< 0.01	2	1970	76	2	1	16	< 0.01	< 10	< 10	19	< 10	60
ASL6300N 1425E	201	229	3	< 0.01	1	2070	58	2	< 1	18	< 0.01	< 10	< 10	21	< 10	66
ASL6300N 1450E	201	229	4	< 0.01	2	1550	50	2	2	22	< 0.01	< 10	< 10	26	10	106
ASL6300N 1475E	201	229	2	0.01	8	210	18	2	4	29	0.01	< 10	< 10	51	< 10	48
ASL6300N 1500E	201	229	1	< 0.01	8	2250	52	6	5	8	< 0.01	< 10	< 10	39	10	108
ASL7800N 1850E	201	229	1	0.01	16	1020	14	4	9	37	0.08	< 10	< 10	84	10	112
ASL7800N 1875E	201	229	2	< 0.01	8	2270	58	4	4	13	< 0.01	< 10	< 10	39	10	138
ASL7800N 1900E	201	229	1	< 0.01	13	1290	84	4	7	26	< 0.01	< 10	< 10	34	10	188
ASL7800N 1925E	201	229	1	< 0.01	13	1230	86	2	7	17	< 0.01	< 10	< 10	34	10	180
ASL7800N 1950E	201	229	2	< 0.01	8	1370	92	4	5	15	< 0.01	< 10	< 10	34	10	196
ASL7800N 1975E	201	229	1	< 0.01	10	1860	90	2	4	17	< 0.01	< 10	< 10	36	< 10	186
ASL7800N 2000E	201	229	1	< 0.01	6	1660	26	4	3	9	< 0.01	< 10	< 10	44	10	90
ASL7800N 2025E	201	229	3	0.01	18	2060	16	4	4	62	0.04	< 10	< 10	46	10	128

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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 28-JUL-95
Invoice No. :I9522165
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9522165

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
ASL7800N 2050E	201	229	< 5	< 0.2	1.00	18	360	< 0.5	< 2	0.62	< 0.5	9	11	39	4.45	10	< 1	0.13	20	0.08	275
ASL7800N 2075E	201	229	< 5	0.2	2.16	12	190	< 0.5	2	0.19	0.5	9	25	32	10.05	10	< 1	0.09	10	0.33	595
ASL7800N 2100E	201	229	< 5	0.6	2.71	12	190	< 0.5	< 2	0.17	1.0	21	18	63	6.33	< 10	< 1	0.18	20	0.45	2380
ASL7900N 1800E	201	229	< 5	0.2	2.52	4	140	< 0.5	< 2	0.86	1.0	16	45	34	4.74	10	< 1	0.16	20	1.07	1505
ASL7900N 1825E	201	229	< 5	0.4	2.07	8	170	< 0.5	< 2	0.22	0.5	17	30	41	5.24	< 10	< 1	0.14	10	0.58	1685
ASL7900N 1850E	201	229	< 5	0.6	1.65	< 2	70	< 0.5	< 2	0.37	0.5	6	62	49	7.46	10	< 1	0.07	10	0.33	335
ASL7900N 1875E	201	229	< 5	0.6	0.72	10	90	< 0.5	2	0.07	0.5	6	15	33	4.22	< 10	< 1	0.17	10	0.13	580
ASL7900N 1900E	201	229	< 5	0.4	0.57	16	100	< 0.5	< 2	0.06	< 0.5	7	13	40	4.22	< 10	< 1	0.15	10	0.07	550
ASL7900N 1925E	201	229	< 5	0.4	0.57	16	70	< 0.5	4	0.03	< 0.5	6	8	37	3.82	< 10	< 1	0.13	10	0.04	660
ASL7900N 1950E	201	229	< 5	2.2	3.69	2	220	< 0.5	< 2	0.25	0.5	15	25	32	3.74	< 10	2	0.12	20	0.25	2400
ASL7900N 1975E	201	229	< 5	< 0.2	0.81	34	60	< 0.5	< 2	0.03	0.5	10	11	44	5.43	< 10	< 1	0.19	10	0.09	1230
ASL7900N 2000E	201	229	< 5	0.2	0.85	16	100	< 0.5	< 2	0.09	0.5	6	28	40	6.76	10	< 1	0.14	10	0.16	750
ASL8000N 1875E	201	229	< 5	0.6	2.38	16	120	< 0.5	< 2	0.04	2.0	55	20	217	10.20	10	< 1	0.15	40	0.58	3270
ASL8000N 1900E	201	229	10	0.2	1.91	6	320	< 0.5	< 2	0.56	1.0	17	13	68	5.17	10	< 1	0.21	20	0.62	1125
ASL8000N 1925E	201	229	< 5	0.4	1.40	28	240	< 0.5	< 2	0.18	0.5	15	9	50	4.73	< 10	< 1	0.18	20	0.33	1965
ASL8000N 1950E	201	229	15	0.6	1.14	10	70	< 0.5	< 2	0.06	0.5	7	19	40	5.60	< 10	< 1	0.15	10	0.17	730
ASL8000N 1975E	201	229	< 5	0.4	0.74	10	80	< 0.5	< 2	0.07	< 0.5	4	14	38	4.16	< 10	< 1	0.13	10	0.07	325
ASL8000N 2000E	201	229	< 5	0.4	2.22	10	90	< 0.5	< 2	0.05	0.5	9	25	45	7.43	< 10	< 1	0.10	10	0.26	965
ASL8100N 1900E	201	229	< 5	0.4	2.25	12	330	< 0.5	< 2	1.11	1.0	26	49	62	5.93	10	< 1	0.10	20	0.63	2220
ASL8100N 1925E	201	229	< 5	1.8	1.68	12	110	< 0.5	< 2	0.18	4.0	60	34	101	9.40	< 10	< 1	0.10	10	0.29	4630
ASL8100N 1950E	201	229	< 5	0.2	1.21	10	130	< 0.5	< 2	0.20	< 0.5	10	35	38	5.44	< 10	< 1	0.13	10	0.22	1160
ASL8100N 1975E	201	229	< 5	0.4	1.40	8	90	< 0.5	< 2	0.37	< 0.5	8	51	41	4.32	< 10	< 1	0.09	10	0.35	575
ASL8100N 2000E	201	229	< 5	0.2	1.41	< 2	90	< 0.5	< 2	0.21	0.5	4	48	41	4.59	< 10	< 1	0.09	10	0.22	250
ASL8200N 2000E	201	229	< 5	0.4	2.58	6	90	< 0.5	< 2	0.23	0.5	11	41	50	4.91	< 10	< 1	0.11	10	0.61	940
ASL8200N 2025E	201	229	< 5	< 0.2	0.99	8	50	< 0.5	< 2	0.07	< 0.5	4	32	62	5.61	< 10	< 1	0.10	10	0.07	275
ASL8200N 2050E	201	229	< 5	0.4	0.96	12	60	< 0.5	2	0.11	0.5	5	29	36	6.20	10	< 1	0.11	10	0.19	310
ASL8200N 2075E	201	229	< 5	0.6	1.11	6	80	< 0.5	< 2	0.08	< 0.5	5	20	36	4.56	< 10	< 1	0.15	10	0.19	340
ASL8200N 2100E	201	229	< 5	0.2	1.87	10	100	< 0.5	< 2	0.12	0.5	6	20	35	4.64	10	< 1	0.11	10	0.15	230
ASL8200N 2125E	201	229	< 5	0.4	1.39	38	470	< 0.5	< 2	0.35	1.5	18	13	59	4.94	< 10	< 1	0.19	20	0.35	1160
ASL8200N 2150E	201	229	< 5	0.2	1.65	30	360	< 0.5	< 2	0.61	1.0	19	17	63	5.05	10	< 1	0.24	20	0.54	1270
ASL8200N 2175E	201	229	< 5	0.2	1.74	20	220	< 0.5	< 2	0.56	1.0	23	21	54	5.45	< 10	< 1	0.24	20	0.70	1305
ASL8200N 2200E	201	229	< 5	0.2	1.56	28	200	< 0.5	< 2	0.41	0.5	23	25	57	5.05	< 10	< 1	0.19	10	0.77	1315
ASL8200N 2225E	201	229	< 5	0.2	1.75	14	100	< 0.5	< 2	0.21	0.5	20	25	52	5.09	< 10	< 1	0.15	10	0.76	1160
ASL8200N 2250E	201	229	< 5	0.2	2.03	28	150	< 0.5	< 2	0.15	< 0.5	20	17	42	5.74	< 10	< 1	0.13	10	0.34	1920
ASL8200N 2275E	201	229	< 5	0.2	1.08	16	80	< 0.5	< 2	0.07	< 0.5	4	12	47	4.88	< 10	< 1	0.13	10	0.11	270
ASL8200N 2300E	201	229	< 5	0.2	1.02	16	70	< 0.5	< 2	0.04	0.5	5	13	45	5.03	< 10	< 1	0.14	10	0.08	125
ASL8400N 2000E	201	229	< 5	0.2	1.72	16	230	< 0.5	< 2	0.88	1.0	21	19	63	4.74	< 10	< 1	0.19	10	0.62	1355
ASL8400N 2025E	201	229	< 5	0.2	1.04	10	100	< 0.5	< 2	0.07	0.5	7	14	47	4.04	< 10	< 1	0.16	10	0.13	640
ASL8400N 2050E	201	229	< 5	0.2	2.04	18	200	< 0.5	< 2	0.69	0.5	21	23	50	4.37	< 10	< 1	0.14	10	0.56	1750
ASL8400N 2075E	201	229	< 5	0.2	2.17	16	200	< 0.5	< 2	0.65	1.0	31	45	67	5.37	10	< 1	0.21	20	1.18	2100

CERTIFICATION: Hart Buckler

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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Page Number :1-B
Total Pages :5
Certificate Date: 26-JUL-95
Invoice No. :19522165
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9522165

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
ASL7800N 2050E	201	229	4	0.01	7	650	12	4	3	48	0.08	< 10	< 10	73	< 10	112
ASL7800N 2075E	201	229	1	< 0.01	11	1550	24	8	3	17	0.01	< 10	< 10	61	< 10	90
ASL7800N 2100E	201	229	2	< 0.01	17	2200	44	4	10	16	< 0.01	< 10	< 10	53	< 10	250
ASL7900N 1800E	201	229	3	0.01	29	2670	22	2	8	45	0.03	< 10	< 10	99	< 10	152
ASL7900N 1825E	201	229	1	< 0.01	19	2830	16	2	2	22	0.01	< 10	< 10	72	< 10	108
ASL7900N 1850E	201	229	2	< 0.01	17	4150	8	4	3	22	0.14	< 10	< 10	193	< 10	50
ASL7900N 1875E	201	229	3	< 0.01	7	2020	18	4	1	12	0.05	< 10	< 10	83	< 10	166
ASL7900N 1900E	201	229	2	< 0.01	6	1350	20	4	2	11	0.12	< 10	< 10	97	< 10	168
ASL7900N 1925E	201	229	3	< 0.01	6	1470	26	6	1	11	0.02	< 10	< 10	70	< 10	186
ASL7900N 1950E	201	229	3	0.01	12	2040	32	2	4	35	0.05	< 10	< 10	52	< 10	168
ASL7900N 1975E	201	229	3	< 0.01	14	2650	40	6	3	13	< 0.01	< 10	< 10	53	< 10	192
ASL7900N 2000E	201	229	3	< 0.01	7	7850	32	6	2	16	0.02	< 10	< 10	87	< 10	134
ASL8000N 1875E	201	229	1	< 0.01	27	1780	28	6	15	6	< 0.01	< 10	< 10	47	< 10	238
ASL8000N 1900E	201	229	< 1	0.01	17	1140	32	6	8	40	< 0.01	< 10	< 10	38	10	168
ASL8000N 1925E	201	229	1	< 0.01	10	1190	52	4	7	17	< 0.01	< 10	< 10	31	< 10	196
ASL8000N 1950E	201	229	2	< 0.01	9	2050	22	4	1	10	0.01	< 10	< 10	71	< 10	100
ASL8000N 1975E	201	229	2	< 0.01	6	2740	14	4	1	10	0.02	< 10	< 10	63	< 10	110
ASL8000N 2000E	201	229	3	< 0.01	9	1950	26	6	2	10	0.01	< 10	< 10	83	< 10	110
ASL8100N 1900E	201	229	2	0.01	25	2350	32	4	7	56	0.01	< 10	< 10	84	10	162
ASL8100N 1925E	201	229	2	0.01	35	5760	248	8	4	13	0.01	< 10	< 10	59	< 10	594
ASL8100N 1950E	201	229	3	0.01	11	6200	44	2	3	16	0.01	< 10	< 10	57	< 10	130
ASL8100N 1975E	201	229	1	0.01	17	2830	12	< 2	3	19	0.03	< 10	< 10	85	< 10	72
ASL8100N 2000E	201	229	2	0.01	12	2930	16	4	4	13	0.03	< 10	< 10	74	< 10	76
ASL8200N 2000E	201	229	3	0.01	22	2130	38	4	4	19	0.03	< 10	< 10	95	< 10	130
ASL8200N 2025E	201	229	2	< 0.01	6	4830	26	4	3	10	0.08	< 10	< 10	99	< 10	108
ASL8200N 2050E	201	229	2	< 0.01	11	1850	16	6	2	18	0.06	< 10	< 10	120	< 10	110
ASL8200N 2075E	201	229	2	0.01	7	3020	24	4	1	11	0.02	< 10	< 10	77	< 10	104
ASL8200N 2100E	201	229	3	< 0.01	9	1180	18	4	2	16	0.08	< 10	< 10	101	< 10	94
ASL8200N 2125E	201	229	2	< 0.01	16	1150	54	2	8	27	< 0.01	< 10	< 10	35	< 10	244
ASL8200N 2150E	201	229	2	0.01	21	1260	36	4	9	39	< 0.01	< 10	< 10	43	10	186
ASL8200N 2175E	201	229	1	0.01	23	1420	32	6	9	28	< 0.01	< 10	< 10	45	< 10	152
ASL8200N 2200E	201	229	< 1	0.01	25	1510	18	4	8	25	< 0.01	< 10	< 10	46	< 10	138
ASL8200N 2225E	201	229	< 1	< 0.01	23	1560	16	2	7	12	< 0.01	< 10	< 10	53	< 10	110
ASL8200N 2250E	201	229	2	< 0.01	13	2300	34	2	3	11	0.01	< 10	< 10	51	< 10	130
ASL8200N 2275E	201	229	1	< 0.01	7	3930	20	2	2	7	< 0.01	< 10	< 10	42	< 10	84
ASL8200N 2300E	201	229	< 1	< 0.01	9	4250	12	4	1	7	< 0.01	< 10	< 10	54	< 10	80
ASL8400N 2000E	201	229	1	0.01	24	1670	14	4	8	37	< 0.01	< 10	< 10	40	< 10	114
ASL8400N 2025E	201	229	2	< 0.01	8	1880	58	< 2	4	11	< 0.01	< 10	< 10	34	< 10	208
ASL8400N 2050E	201	229	< 1	< 0.01	18	1690	20	6	8	28	< 0.01	< 10	< 10	43	10	138
ASL8400N 2075E	201	229	< 1	0.01	34	2090	18	8	11	26	< 0.01	< 10	< 10	68	10	140

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: EQUITY ENGINEERING LTD.

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Project : PTH 95-1
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Page Number :2-A
Total Pages :5
Certificate Date: 26-JUL-95
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CERTIFICATE OF ANALYSIS A9522165

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
ASL8400N 2100E	201	229	< 5	< 0.2	2.21	18	190	< 0.5	< 2	0.86	1.0	25	47	67	5.37	10	< 1	0.24	20	1.34	1425
ASL8400N 2125E	201	229	< 5	0.2	2.34	26	140	< 0.5	< 2	0.39	1.0	26	47	64	5.45	10	< 1	0.18	10	1.10	1740
ASL8400N 2150E	201	229	< 5	0.2	1.76	48	280	< 0.5	< 2	0.69	0.5	23	27	70	5.30	< 10	< 1	0.24	10	0.76	1210
ASL8400N 2175ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL8400N 2200E	201	229	< 5	0.2	2.07	52	200	< 0.5	< 2	0.71	1.0	29	50	82	5.62	< 10	< 1	0.19	20	1.22	1745
ASL8400N 2225E	201	229	< 5	12.6	1.77	20	780	< 0.5	< 2	0.22	1.5	19	21	55	4.70	< 10	< 1	0.16	10	0.70	2070
ASL8400N 2250E	201	229	< 5	1.4	2.15	48	80	< 0.5	< 2	0.40	0.5	35	56	56	5.49	10	< 1	0.09	10	1.02	1505
ASL8400N 2275E	201	229	< 5	0.2	2.27	28	150	< 0.5	< 2	0.39	0.5	29	55	50	5.41	< 10	< 1	0.10	10	0.91	1925
ASL8400N 2300E	201	229	< 5	0.2	2.03	30	150	< 0.5	< 2	0.48	1.5	36	40	72	5.51	< 10	< 1	0.14	10	0.93	2200
ASL8400N 2325ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL8400N 2350E	201	229	< 5	0.2	2.16	70	100	< 0.5	< 2	0.18	0.5	25	33	59	6.01	< 10	< 1	0.14	10	0.54	2080
ASL8400N 2375E	201	229	< 5	1.4	1.70	52	110	< 0.5	< 2	0.20	< 0.5	9	33	40	5.09	< 10	< 1	0.09	< 10	0.49	425
ASL8400N 2400E	201	229	< 5	0.6	2.53	6	70	< 0.5	< 2	0.06	0.5	11	47	50	7.40	10	< 1	0.08	10	0.51	1045
ASL8400N 2425E	201	229	< 5	< 0.2	1.85	4	60	< 0.5	< 2	0.07	0.5	13	60	41	12.00	10	< 1	0.02	< 10	0.33	1215
ASL8400N 2450E	201	229	< 5	0.2	2.63	16	80	< 0.5	< 2	0.09	0.5	11	39	50	5.95	< 10	< 1	0.09	10	0.49	770
ASL8400N 2475E	201	229	< 5	0.2	2.55	8	110	< 0.5	< 2	0.11	1.0	17	32	45	5.18	< 10	< 1	0.10	< 10	0.64	1625
ASL8400N 2500E	201	229	< 5	0.4	1.86	14	70	< 0.5	< 2	0.10	0.5	10	42	36	6.58	10	< 1	0.11	10	0.39	865
ASL8700N 2525E	201	229	< 5	0.4	2.27	22	60	< 0.5	< 2	0.09	0.5	12	87	43	6.77	10	< 1	0.09	10	0.97	580
ASL8700N 2550E	201	229	< 5	< 0.2	1.82	26	60	< 0.5	< 2	0.09	0.5	9	61	50	9.29	10	< 1	0.11	10	0.33	745
ASL8700N 2575E	201	229	< 5	0.2	1.90	16	90	< 0.5	< 2	0.07	0.5	10	49	41	9.45	< 10	< 1	0.09	10	0.38	1050
ASL8700N 2600E	201	229	< 5	< 0.2	3.68	26	100	< 0.5	< 2	0.12	1.0	14	82	56	8.93	10	< 1	0.08	10	1.00	865
ASL8700N 2625E	201	229	< 5	0.2	2.62	14	110	< 0.5	< 2	0.15	1.0	21	43	47	5.65	< 10	< 1	0.19	10	0.69	1975
BML8500N 2000E	201	229	< 5	0.2	1.68	< 2	90	< 0.5	< 2	0.03	0.5	8	15	51	6.62	< 10	< 1	0.14	10	0.26	650
BML8500N 2025E	201	229	< 5	0.4	1.51	4	80	< 0.5	< 2	0.03	0.5	8	14	46	5.51	< 10	< 1	0.16	< 10	0.32	725
BML8500N 2050E	201	229	< 5	< 0.2	2.82	6	130	< 0.5	< 2	0.07	0.5	19	14	50	5.29	< 10	< 1	0.16	10	0.65	1385
BML8500N 2075ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8500N 2100ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8500N 2125E	201	229	< 5	0.4	1.87	24	220	< 0.5	4	0.94	3.0	43	43	76	6.60	< 10	< 1	0.20	10	0.97	2930
BML8500N 2150E	201	229	< 5	0.8	2.83	6	70	< 0.5	4	0.06	0.5	12	62	62	6.91	10	< 1	0.11	10	0.34	1145
BML8500N 2175E	201	229	< 5	0.2	2.75	< 2	90	< 0.5	2	0.07	1.0	16	72	49	8.44	10	< 1	0.13	10	0.79	1990
BML8500N 2200ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8500N 2225E	201	229	< 5	0.2	2.23	12	70	< 0.5	2	0.13	0.5	14	64	48	6.02	10	< 1	0.12	10	0.70	1125
BML8500N 2250ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8500N 2275E	201	229	< 5	0.2	1.93	2	70	< 0.5	< 2	0.13	0.5	12	54	45	5.62	10	< 1	0.12	10	0.56	790
BML8500N 2300E	201	229	< 5	< 0.2	1.15	< 2	60	< 0.5	< 2	0.17	0.5	7	43	38	4.41	10	< 1	0.13	10	0.46	300
BML8500N 2325E	201	229	< 5	0.2	2.57	2	90	< 0.5	< 2	0.33	1.0	11	44	34	5.38	< 10	< 1	0.11	10	0.55	860
BML8500N 2350ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8500N 2375E	201	229	< 5	0.4	2.56	12	180	< 0.5	< 2	0.19	1.5	14	29	47	5.24	< 10	< 1	0.15	10	0.59	1675
BML8500N 2400E	201	229	< 5	0.4	2.58	10	340	< 0.5	< 2	0.36	5.0	18	38	47	5.88	10	< 1	0.14	10	1.07	2050
BML8500N 2425E	201	229	< 5	1.6	3.77	18	150	< 0.5	< 2	0.18	1.0	16	27	39	3.73	< 10	< 1	0.13	10	0.22	2500

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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 26-JUL-95
Invoice No. : I9522165
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9522165

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
ASL8400N 2100E	201	229	< 1	0.01	36	1430	14	6	10	36	< 0.01	< 10	< 10	66	10	148
ASL8400N 2125E	201	229	1	0.01	34	1430	16	4	10	20	< 0.01	< 10	< 10	67	10	142
ASL8400N 2150E	201	229	1	0.01	29	1400	18	6	8	40	< 0.01	< 10	< 10	48	10	136
ASL8400N 2175ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL8400N 2200E	201	229	2	0.01	48	1300	12	8	12	33	0.01	< 10	< 10	65	10	170
ASL8400N 2225E	201	229	1	< 0.01	22	1060	36	4	10	20	< 0.01	< 10	< 10	57	< 10	232
ASL8400N 2250E	201	229	3	0.01	43	1590	6	4	6	17	0.02	< 10	< 10	90	10	94
ASL8400N 2275E	201	229	3	0.01	27	1760	14	4	4	18	0.01	< 10	< 10	77	10	120
ASL8400N 2300E	201	229	2	0.01	32	3230	16	4	9	23	0.01	< 10	< 10	64	< 10	182
ASL8400N 2325ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ASL8400N 2350E	201	229	2	0.01	17	2230	16	6	6	10	0.01	< 10	< 10	62	< 10	152
ASL8400N 2375E	201	229	1	0.01	18	1420	8	4	2	17	0.01	< 10	< 10	72	< 10	76
ASL8400N 2400E	201	229	4	< 0.01	18	1380	18	2	6	5	0.05	< 10	< 10	145	< 10	100
ASL8400N 2425E	201	229	1	< 0.01	7	1530	10	8	4	8	0.05	< 10	< 10	179	< 10	30
ASL8400N 2450E	201	229	3	< 0.01	19	1350	44	6	7	7	0.01	< 10	< 10	83	< 10	136
ASL8400N 2475E	201	229	3	0.01	20	1260	24	4	3	7	0.01	< 10	< 10	76	< 10	130
ASL8400N 2500E	201	229	3	0.01	14	1140	12	4	4	8	0.09	< 10	< 10	125	< 10	100
ASL8700N 2525E	201	229	4	0.01	27	960	22	6	9	6	0.12	< 10	< 10	157	< 10	112
ASL8700N 2550E	201	229	6	< 0.01	16	4270	42	6	3	7	0.03	< 10	< 10	161	< 10	128
ASL8700N 2575E	201	229	4	< 0.01	20	2030	36	6	3	7	0.01	< 10	< 10	98	< 10	136
ASL8700N 2600E	201	229	4	0.01	32	1200	22	6	9	9	0.03	< 10	< 10	117	10	152
ASL8700N 2625E	201	229	5	0.01	24	2540	16	4	5	10	0.02	< 10	< 10	92	< 10	162
BML8500N 2000E	201	229	2	0.01	10	2510	16	2	4	6	< 0.01	< 10	< 10	53	< 10	70
BML8500N 2025E	201	229	< 1	0.02	10	2190	14	2	4	8	< 0.01	< 10	< 10	52	< 10	90
BML8500N 2050E	201	229	1	0.01	16	1160	16	2	9	10	< 0.01	< 10	< 10	43	< 10	138
BML8500N 2075ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8500N 2100ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8500N 2125E	201	229	3	0.02	40	2050	16	6	12	37	< 0.01	< 10	< 10	62	10	192
BML8500N 2150E	201	229	3	0.02	18	1450	14	2	9	6	0.06	< 10	< 10	105	< 10	80
BML8500N 2175E	201	229	2	0.01	29	1670	6	2	7	8	0.02	< 10	< 10	104	< 10	76
BML8500N 2200ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8500N 2225E	201	229	2	0.04	16	2430	14	4	10	10	0.03	< 10	< 10	132	< 10	92
BML8500N 2250ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8500N 2275E	201	229	2	0.01	14	3110	12	2	8	10	0.03	< 10	< 10	124	< 10	76
BML8500N 2300E	201	229	2	0.01	13	3670	10	2	2	13	0.01	< 10	< 10	116	< 10	62
BML8500N 2325E	201	229	1	0.02	19	1360	20	2	6	27	0.02	< 10	< 10	88	< 10	132
BML8500N 2350ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8500N 2375E	201	229	4	0.02	23	1290	30	< 2	8	17	0.01	< 10	< 10	66	< 10	252
BML8500N 2400E	201	229	3	0.01	27	1390	26	4	10	35	< 0.01	< 10	< 10	104	10	352
BML8500N 2425E	201	229	5	0.02	15	3100	16	< 2	3	19	0.02	< 10	< 10	63	< 10	154

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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 26-JUL-95
Invoice No. : I9522165
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9522165

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
BML8500N 2450E	201	229	< 5	0.4	2.05	14	110	< 0.5	< 2	0.11	1.0	10	25	40	4.32	< 10	< 1	0.15	10	0.37	1020
BML8500N 2475ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8500N 2500E	201	229	< 5	< 0.2	0.81	30	80	< 0.5	< 2	0.03	< 0.5	5	10	46	4.44	10	< 1	0.13	10	0.06	675
BML8500N 2525E	201	229	< 5	0.2	0.94	14	70	< 0.5	< 2	0.04	0.5	6	12	31	4.17	< 10	< 1	0.15	10	0.11	580
BML8500N 2550E	201	229	< 5	0.8	2.32	72	440	< 0.5	2	0.06	2.5	16	29	75	6.30	< 10	< 1	0.12	10	0.28	1555
BML8500N 2575E	201	229	< 5	0.4	3.30	< 2	110	< 0.5	< 2	0.21	1.0	42	45	55	5.49	10	< 1	0.15	10	1.19	3830
BML8500N 2600ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8500N 2625E	201	229	< 5	0.2	1.18	2	70	< 0.5	2	0.17	0.5	10	49	38	5.19	10	< 1	0.11	10	0.62	300
BML8500N 2650E	201	229	< 5	0.2	0.49	14	70	< 0.5	< 2	0.09	< 0.5	8	17	45	3.41	< 10	< 1	0.12	< 10	0.06	290
BML8500N 2675E	201	229	< 5	0.4	4.33	8	110	< 0.5	< 2	0.11	1.5	24	37	55	5.22	< 10	< 1	0.11	10	0.50	2220
BML8500N 2700E	201	229	< 5	1.6	5.95	8	90	< 0.5	< 2	0.10	2.0	29	32	57	4.17	< 10	< 1	0.10	10	0.44	3420
BML8600N 2050E	201	229	< 5	0.2	2.52	14	360	< 0.5	< 2	0.58	0.5	30	24	74	5.71	10	< 1	0.24	10	1.06	1700
BML8600N 2075ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8600N 2100E	201	229	< 5	0.2	2.01	18	100	< 0.5	2	0.06	0.5	12	19	72	6.53	< 10	< 1	0.17	10	0.34	1095
BML8600N 2125E	201	229	< 5	0.6	1.08	42	70	< 0.5	< 2	0.06	0.5	8	15	61	7.91	< 10	< 1	0.12	10	0.09	440
BML8600N 2150E	201	229	< 5	0.8	1.39	14	140	< 0.5	< 2	0.05	0.5	7	18	48	5.05	< 10	< 1	0.16	10	0.19	480
BML8600N 2175E	201	229	< 5	0.4	2.07	24	120	< 0.5	< 2	0.18	0.5	26	17	75	5.38	< 10	< 1	0.22	10	0.53	1945
BML8600N 2200E	201	229	< 5	0.2	2.19	54	220	< 0.5	4	0.39	0.5	20	30	68	4.81	< 10	< 1	0.24	20	0.89	1065
BML8600N 2225E	201	229	< 5	0.2	1.54	40	130	< 0.5	< 2	0.33	0.5	18	30	56	4.83	< 10	< 1	0.15	10	0.45	1810
BML8600N 2250E	201	229	< 5	0.2	3.93	8	120	< 0.5	< 2	0.20	1.0	27	61	62	6.11	< 10	< 1	0.07	20	0.70	2280
BML8600N 2275E	201	229	< 5	< 0.2	1.98	< 2	200	< 0.5	< 2	0.22	< 0.5	14	51	33	4.65	< 10	< 1	0.07	< 10	1.20	1020
BML8600N 2300E	201	229	< 5	< 0.2	1.37	12	120	< 0.5	< 2	0.23	< 0.5	12	52	37	5.19	10	< 1	0.13	< 10	0.83	1215
BML8600N 2325E	201	229	< 5	< 0.2	1.89	< 2	100	< 0.5	< 2	0.57	0.5	17	71	44	5.13	10	< 1	0.05	10	2.20	880
BML8600N 2350E	201	229	< 5	< 0.2	0.82	< 2	60	< 0.5	< 2	0.08	0.5	6	43	40	3.96	< 10	< 1	0.08	< 10	0.19	295
BML8600N 2375E	201	229	< 5	0.2	2.85	14	70	< 0.5	< 2	0.05	0.5	17	75	43	6.61	10	< 1	0.08	10	0.53	1205
BML8600N 2400E	201	229	< 5	0.4	1.43	6	100	< 0.5	< 2	0.07	0.5	7	42	35	5.60	< 10	< 1	0.13	< 10	0.31	550
BML8600N 2425E	201	229	< 5	0.2	2.07	16	130	< 0.5	< 2	0.15	1.5	8	29	37	5.69	< 10	< 1	0.19	< 10	0.46	830
BML8600N 2450E	201	229	< 5	0.2	0.47	8	80	< 0.5	< 2	0.09	< 0.5	4	8	41	3.30	< 10	< 1	0.15	< 10	0.07	370
BML8600N 2475E	201	229	< 5	0.2	1.97	8	140	< 0.5	< 2	0.46	1.0	21	51	52	4.92	< 10	< 1	0.23	10	1.12	1175
BML8600N 2500E	201	229	< 5	0.4	1.70	22	150	< 0.5	< 2	1.02	4.5	17	38	56	4.41	< 10	< 1	0.13	10	0.87	1330
BML8600N 2525E	201	229	< 5	0.2	1.36	18	60	< 0.5	< 2	0.16	0.5	7	30	45	5.65	< 10	< 1	0.16	10	0.36	500
BML8600N 2550E	201	229	< 5	< 0.2	0.84	18	80	< 0.5	< 2	0.11	0.5	6	12	37	3.83	10	< 1	0.12	10	0.15	270
BML8600N 2575E	201	229	< 5	0.4	1.65	18	70	< 0.5	< 2	0.19	0.5	7	36	38	6.07	10	< 1	0.12	10	0.40	355
BML8600N 2600E	201	229	< 5	< 0.2	1.28	8	40	< 0.5	2	0.12	0.5	10	47	47	5.80	< 10	< 1	0.10	10	0.41	545
BML8600N 2625E	201	229	< 5	0.4	3.48	12	210	< 0.5	< 2	0.70	3.0	24	51	41	5.29	10	< 1	0.13	10	1.03	1925
BML8600N 2650E	201	229	< 5	0.2	1.42	< 2	60	< 0.5	< 2	0.15	0.5	7	39	34	5.47	10	< 1	0.13	10	0.31	425
BML8600N 2675E	201	229	< 5	0.4	0.60	< 2	40	< 0.5	< 2	0.14	< 0.5	< 1	4	18	0.96	< 10	< 1	0.06	< 10	0.02	70
BML8600N 2700ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TSL8700N 2200E	201	229	< 5	< 0.2	1.77	28	100	< 0.5	2	0.11	0.5	11	56	57	9.01	10	< 1	0.12	10	0.41	700
TSL8700N 2225E	201	229	< 5	0.2	3.15	2	110	< 0.5	< 2	0.09	0.5	17	46	54	7.29	10	< 1	0.11	10	1.04	1130

CERTIFICATION: Hart Bichler

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CERTIFICATE OF ANALYSIS A9522165

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
BML8500N 2450E	201	229	5	0.01	15	1290	18	2	3	12	0.01	< 10	< 10	69	< 10	184
BML8500N 2475ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8500N 2500E	201	229	4	< 0.01	7	930	44	2	1	10	0.01	< 10	< 10	74	< 10	264
BML8500N 2525E	201	229	3	< 0.01	9	1140	34	2	1	9	0.01	< 10	< 10	69	< 10	188
BML8500N 2550E	201	229	11	0.01	23	2000	48	8	11	9	0.01	< 10	< 10	65	< 10	322
BML8500N 2575E	201	229	1	0.01	37	1840	14	4	12	11	< 0.01	< 10	< 10	79	< 10	84
BML8500N 2600ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8500N 2625E	201	229	3	0.01	28	960	14	4	5	10	0.15	< 10	< 10	189	< 10	98
BML8500N 2650E	201	229	5	< 0.01	10	1470	12	< 2	2	9	0.11	< 10	< 10	86	< 10	112
BML8500N 2675E	201	229	5	0.01	21	1610	14	< 2	10	8	0.04	< 10	< 10	78	< 10	196
BML8500N 2700E	201	229	6	0.01	19	2360	32	< 2	12	8	0.02	< 10	< 10	60	10	208
BML8600N 2050E	201	229	< 1	0.01	28	1430	18	< 2	11	34	< 0.01	< 10	< 10	60	10	146
BML8600N 2075ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
BML8600N 2100E	201	229	2	< 0.01	11	2600	14	4	7	7	< 0.01	< 10	< 10	52	< 10	100
BML8600N 2125E	201	229	2	0.01	4	5390	18	6	3	8	0.01	< 10	< 10	54	< 10	56
BML8600N 2150E	201	229	2	< 0.01	11	2820	12	2	2	9	0.02	< 10	< 10	58	< 10	90
BML8600N 2175E	201	229	2	0.01	16	1620	18	2	8	16	< 0.01	< 10	< 10	47	< 10	124
BML8600N 2200E	201	229	1	0.01	29	1860	16	4	11	23	< 0.01	< 10	< 10	57	< 10	152
BML8600N 2225E	201	229	3	0.01	16	2860	14	6	8	22	0.01	< 10	< 10	61	< 10	104
BML8600N 2250E	201	229	3	< 0.01	17	1980	12	4	20	17	0.01	< 10	< 10	112	< 10	76
BML8600N 2275E	201	229	< 1	0.02	15	1980	4	2	12	21	0.01	< 10	< 10	125	< 10	60
BML8600N 2300E	201	229	1	0.01	12	5430	8	< 2	3	15	0.01	< 10	< 10	139	< 10	72
BML8600N 2325E	201	229	2	0.01	27	3540	6	< 2	16	38	< 0.01	< 10	< 10	170	< 10	54
BML8600N 2350E	201	229	1	0.01	11	3600	10	2	1	8	0.02	< 10	< 10	78	< 10	44
BML8600N 2375E	201	229	2	0.01	18	2090	24	2	9	6	0.02	< 10	< 10	131	< 10	106
BML8600N 2400E	201	229	6	0.01	12	3010	16	4	2	8	0.01	< 10	< 10	105	< 10	102
BML8600N 2425E	201	229	17	0.01	22	2650	16	2	2	19	0.01	< 10	< 10	103	< 10	264
BML8600N 2450E	201	229	3	< 0.01	7	1570	6	2	2	10	0.04	< 10	< 10	82	< 10	98
BML8600N 2475E	201	229	3	0.01	32	1380	20	2	8	20	0.02	< 10	< 10	63	< 10	152
BML8600N 2500E	201	229	11	0.01	41	1160	20	6	7	73	< 0.01	< 10	< 10	56	< 10	300
BML8600N 2525E	201	229	6	0.01	17	2220	20	2	1	10	0.02	< 10	< 10	93	< 10	132
BML8600N 2550E	201	229	7	< 0.01	10	810	12	2	1	10	0.02	< 10	< 10	142	< 10	140
BML8600N 2575E	201	229	9	0.01	18	1200	14	4	2	15	0.03	< 10	< 10	138	< 10	122
BML8600N 2600E	201	229	16	< 0.01	21	570	14	4	5	12	0.30	< 10	< 10	188	< 10	134
BML8600N 2625E	201	229	8	0.01	51	1110	20	2	13	54	0.01	< 10	< 10	80	< 10	262
BML8600N 2650E	201	229	5	0.01	13	1530	20	4	3	12	0.09	< 10	< 10	116	< 10	100
BML8600N 2675E	201	229	2	< 0.01	2	1100	4	< 2	< 1	14	0.02	< 10	< 10	16	< 10	32
BML8600N 2700ENS	--	--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TSL8700N 2200E	201	229	3	0.01	17	7830	22	4	3	6	0.03	< 10	< 10	158	< 10	88
TSL8700N 2225E	201	229	2	0.01	28	1370	18	2	8	6	0.01	< 10	< 10	105	< 10	110

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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 26-JUL-95
Invoice No. :I9522165
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9522165

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
TSL8700N 2250E	201	229	< 5	0.2	3.45	6	110	< 0.5	< 2	0.10	0.5	16	50	56	7.73	10	< 1	0.14	10	1.23	835
TSL8700N 2275E	201	229	< 5	0.2	2.54	14	400	< 0.5	< 2	0.45	1.5	21	40	41	7.65	10	< 1	0.15	10	0.83	1460
TSL8700N 2300E	201	229	< 5	1.2	3.38	< 2	170	< 0.5	< 2	0.07	1.5	15	24	55	4.33	< 10	< 1	0.13	10	0.51	1485
TSL8700N 2325E	201	229	< 5	0.6	1.36	18	60	< 0.5	< 2	0.01	0.5	9	17	47	6.01	< 10	< 1	0.09	10	0.22	1010
TSL8700N 2350E	201	229	< 5	0.2	2.13	10	170	< 0.5	< 2	0.09	1.0	16	33	41	5.23	< 10	< 1	0.27	10	0.50	1785
TSL8700N 2375E	201	229	< 5	0.4	1.81	4	70	< 0.5	< 2	0.04	0.5	10	33	40	6.84	< 10	< 1	0.11	10	0.38	1050
TSL8700N 2400E	201	229	< 5	0.8	1.60	24	110	< 0.5	< 2	0.03	0.5	9	13	45	5.22	< 10	< 1	0.15	10	0.14	735
TSL8700N 2425E	201	229	< 5	0.4	1.80	44	790	< 0.5	4	0.04	4.5	29	16	90	5.63	< 10	< 1	0.26	10	0.25	1890
TSL8700N 2450E	201	229	< 5	0.2	2.09	26	170	< 0.5	< 2	0.49	3.5	17	31	48	4.69	< 10	< 1	0.19	10	0.60	1705
TSL8700N 2475E	201	229	< 5	0.4	1.11	6	70	< 0.5	2	0.04	0.5	8	14	43	4.58	< 10	< 1	0.14	10	0.14	305
TSL8700N 2500E	201	229	< 5	0.2	1.38	14	80	< 0.5	2	0.16	0.5	10	36	46	6.83	< 10	< 1	0.15	10	0.32	1005
TSL8800N 2200E	201	229	< 5	0.4	2.67	22	120	< 0.5	< 2	0.04	0.5	17	18	55	5.38	< 10	< 1	0.11	10	0.48	1480
TSL8800N 2225E	201	229	< 5	0.2	2.44	22	250	< 0.5	< 2	0.07	1.0	22	18	64	5.55	< 10	< 1	0.15	20	0.55	2400
TSL8800N 2250E	201	229	< 5	0.4	2.18	16	110	< 0.5	< 2	0.15	0.5	12	18	57	5.80	< 10	< 1	0.19	< 10	0.28	1595
TSL8800N 2275E	201	229	< 5	0.6	4.32	4	170	< 0.5	< 2	0.02	0.5	43	28	74	5.61	< 10	< 1	0.22	10	0.81	4170
TSL8800N 2300E	201	229	< 5	0.4	3.21	6	280	< 0.5	< 2	0.07	1.0	43	19	67	6.22	< 10	< 1	0.23	20	0.66	3830
TSL8800N 2325E	201	229	< 5	2.0	2.05	28	470	< 0.5	< 2	0.03	2.0	25	20	88	5.42	< 10	< 1	0.17	10	0.38	1520
TSL8800N 2350E	201	229	< 5	0.2	1.97	8	220	< 0.5	< 2	0.57	1.0	27	41	73	5.74	< 10	< 1	0.22	20	0.92	1510
TSL8800N 2375E	201	229	< 5	0.6	2.25	26	200	< 0.5	< 2	0.04	1.5	20	28	57	5.10	< 10	< 1	0.12	20	0.60	1510
TSL8800N 2400E	201	229	< 5	< 0.2	0.88	18	250	< 0.5	< 2	0.06	1.0	7	7	34	3.46	< 10	< 1	0.13	10	0.18	965
TSL8800N 2425E	201	229	< 5	< 0.2	1.67	8	90	< 0.5	< 2	0.02	0.5	8	18	40	5.06	< 10	< 1	0.17	10	0.24	1095
TSL8800N 2450E	201	229	< 5	0.2	2.50	24	180	< 0.5	< 2	0.52	2.0	22	46	70	4.97	< 10	< 1	0.19	10	1.07	1300
TSL8800N 2475E	201	229	< 5	< 0.2	1.00	10	160	< 0.5	< 2	0.34	6.0	10	11	53	4.30	< 10	< 1	0.24	10	0.18	310
TSL8800N 2500E	201	229	< 5	0.2	2.74	16	110	< 0.5	< 2	0.02	0.5	14	20	47	6.77	< 10	< 1	0.13	10	0.69	1430
TSL8800N 2525E	201	229	< 5	0.8	1.70	22	70	< 0.5	< 2	0.03	0.5	7	28	44	6.77	10	< 1	0.11	10	0.28	450
TSL8800N 2550E	201	229	< 5	0.4	1.60	28	90	< 0.5	< 2	0.03	1.0	6	17	36	5.43	< 10	< 1	0.20	10	0.13	705
TSL8800N 2575E	201	229	< 5	0.2	1.17	8	80	< 0.5	2	0.09	0.5	8	33	50	6.20	< 10	< 1	0.09	< 10	0.18	480
TSL8800N 2600E	201	229	< 5	0.6	2.98	70	130	< 0.5	< 2	0.01	1.5	22	15	67	6.19	< 10	< 1	0.23	< 10	0.28	2210
TSL8800N 2625E	201	229	< 5	1.4	1.28	64	90	< 0.5	< 2	0.03	1.0	6	30	63	6.34	< 10	< 1	0.12	< 10	0.11	310
TSL8800N 2650E	201	229	< 5	3.0	1.79	64	100	< 0.5	< 2	0.02	1.0	5	24	64	5.92	< 10	< 1	0.27	< 10	0.15	585
TSL8800N 2675E	201	229	< 5	2.0	0.91	60	170	< 0.5	< 2	0.04	1.5	4	16	64	5.11	< 10	< 1	0.17	10	0.04	195
TSL8900N 2225E	201	229	< 5	0.2	2.28	16	210	< 0.5	< 2	0.18	0.5	20	22	55	5.32	< 10	< 1	0.21	10	0.50	1385
TSL8900N 2250E	201	229	< 5	0.4	2.39	8	320	< 0.5	< 2	0.10	1.0	41	14	81	6.91	< 10	< 1	0.16	20	0.50	4190
TSL8900N 2275E	201	229	< 5	0.2	1.80	4	170	< 0.5	2	0.65	2.0	29	64	75	5.93	< 10	< 1	0.15	10	1.28	1570
TSL8900N 2300E	201	229	< 5	0.2	2.72	4	210	< 0.5	< 2	0.15	1.0	19	18	51	6.61	< 10	< 1	0.16	10	0.51	2420
TSL8900N 2325E	201	229	< 5	0.4	2.26	16	190	< 0.5	< 2	0.05	1.0	18	29	46	4.88	< 10	< 1	0.10	10	0.48	1355
TSL8900N 2350E	201	229	< 5	0.2	2.35	22	170	< 0.5	< 2	0.60	2.0	29	54	85	6.15	< 10	< 1	0.15	10	1.26	1900
TSL8900N 2375E	201	229	< 5	0.2	2.63	12	150	< 0.5	< 2	0.18	1.0	16	49	39	4.64	< 10	< 1	0.13	10	1.13	820
TSL8900N 2400E	201	229	< 5	0.2	2.18	4	120	< 0.5	< 2	0.82	2.0	33	68	69	5.09	< 10	1	0.14	10	1.51	1655
TSL8900N 2425E	201	229	< 5	0.6	5.29	14	230	< 0.5	< 2	0.15	1.0	24	59	61	5.54	< 10	2	0.13	10	1.17	915

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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 26-JUL-95
Invoice No. :I9522165
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9522165

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
TSL8700N 2250E	201	229	1	0.01	34	950	16	2	9	6	0.02	< 10	< 10	118	< 10	98
TSL8700N 2275E	201	229	1	0.01	23	1590	20	6	6	23	0.02	< 10	< 10	93	< 10	152
TSL8700N 2300E	201	229	2	0.01	17	1110	24	< 2	10	13	0.01	< 10	< 10	50	< 10	246
TSL8700N 2325E	201	229	2	< 0.01	6	970	24	2	3	10	0.01	< 10	< 10	58	< 10	150
TSL8700N 2350E	201	229	5	0.01	22	2420	20	4	2	12	0.01	< 10	< 10	74	< 10	198
TSL8700N 2375E	201	229	1	< 0.01	12	1010	54	2	3	7	0.01	< 10	< 10	77	< 10	208
TSL8700N 2400E	201	229	1	< 0.01	9	1040	54	2	3	11	< 0.01	< 10	< 10	43	< 10	216
TSL8700N 2425E	201	229	20	< 0.01	55	930	32	8	10	11	< 0.01	< 10	< 10	68	< 10	638
TSL8700N 2450E	201	229	8	0.01	35	1470	20	4	6	38	0.01	< 10	< 10	64	< 10	362
TSL8700N 2475E	201	229	5	0.01	12	1260	16	2	2	8	0.09	< 10	< 10	101	< 10	134
TSL8700N 2500E	201	229	3	< 0.01	15	3650	46	4	4	9	0.04	< 10	< 10	135	< 10	162
TSL8800N 2200E	201	229	3	< 0.01	16	1210	36	2	7	6	< 0.01	< 10	< 10	61	< 10	168
TSL8800N 2225E	201	229	2	< 0.01	20	1340	22	2	11	8	< 0.01	< 10	< 10	50	< 10	182
TSL8800N 2250E	201	229	2	0.01	13	3430	18	4	3	18	0.01	< 10	< 10	54	< 10	110
TSL8800N 2275E	201	229	1	< 0.01	32	1020	20	2	14	3	< 0.01	< 10	< 10	54	< 10	144
TSL8800N 2300E	201	229	2	0.01	29	1430	24	< 2	12	9	< 0.01	< 10	< 10	52	< 10	146
TSL8800N 2325E	201	229	19	0.01	46	1740	18	8	11	8	< 0.01	< 10	< 10	53	< 10	456
TSL8800N 2350E	201	229	4	0.01	40	1510	18	6	11	28	0.01	< 10	< 10	59	< 10	174
TSL8800N 2375E	201	229	7	0.01	33	700	24	2	12	6	< 0.01	< 10	< 10	59	< 10	290
TSL8800N 2400E	201	229	1	0.01	8	370	52	< 2	5	13	< 0.01	< 10	< 10	28	< 10	258
TSL8800N 2425E	201	229	3	0.01	9	1350	50	4	4	13	< 0.01	< 10	< 10	52	< 10	218
TSL8800N 2450E	201	229	5	0.02	44	1110	18	4	10	24	0.03	< 10	< 10	77	< 10	248
TSL8800N 2475E	201	229	9	0.01	35	670	12	6	8	24	< 0.01	< 10	< 10	31	< 10	634
TSL8800N 2500E	201	229	1	0.01	14	930	46	4	7	7	< 0.01	< 10	< 10	100	< 10	172
TSL8800N 2525E	201	229	6	< 0.01	17	1360	28	4	2	6	0.02	< 10	< 10	103	< 10	206
TSL8800N 2550E	201	229	16	< 0.01	21	1860	18	2	1	9	0.01	< 10	< 10	69	< 10	282
TSL8800N 2575E	201	229	8	< 0.01	16	2290	18	2	2	10	0.04	< 10	< 10	101	< 10	142
TSL8800N 2600E	201	229	10	< 0.01	30	1130	20	6	10	15	< 0.01	< 10	< 10	45	< 10	332
TSL8800N 2625E	201	229	18	< 0.01	21	3020	4	10	2	8	0.01	< 10	< 10	90	< 10	346
TSL8800N 2650E	201	229	22	< 0.01	28	3920	12	10	5	10	< 0.01	< 10	< 10	88	< 10	416
TSL8800N 2675E	201	229	28	< 0.01	35	2310	10	6	3	22	0.05	< 10	< 10	85	< 10	448
TSL8900N 2225E	201	229	4	< 0.01	24	2140	12	4	5	12	< 0.01	< 10	< 10	49	< 10	212
TSL8900N 2250E	201	229	3	< 0.01	35	1190	38	2	9	10	0.01	< 10	< 10	38	< 10	182
TSL8900N 2275E	201	229	3	0.01	44	1170	20	4	11	27	0.03	< 10	< 10	64	< 10	158
TSL8900N 2300E	201	229	2	< 0.01	18	2810	16	4	3	14	0.01	< 10	< 10	58	< 10	136
TSL8900N 2325E	201	229	4	< 0.01	21	1230	34	2	7	6	< 0.01	< 10	< 10	54	< 10	178
TSL8900N 2350E	201	229	10	0.01	57	1090	18	6	16	32	0.08	< 10	< 10	99	10	254
TSL8900N 2375E	201	229	3	0.01	28	1430	12	< 2	5	9	0.03	< 10	< 10	99	< 10	166
TSL8900N 2400E	201	229	3	0.01	35	1480	14	2	15	26	0.07	< 10	< 10	81	10	136
TSL8900N 2425E	201	229	1	0.02	61	980	20	8	10	12	0.01	< 10	< 10	68	< 10	166

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : PTH 95-1
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Page Number :5-A
Total Pages :5
Certificate Date: 26-JUL-95
Invoice No. :I9522165
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Account :EIA

CERTIFICATE OF ANALYSIS A9522165

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
TSL8900N 2450E	201	229	< 5	1.2	3.42	20	120	< 0.5	< 2	0.10	0.5	15	45	42	5.32	10	< 1	0.12	10	0.78	955
TSL8900N 2475E	201	229	< 5	1.4	3.05	4	120	< 0.5	< 2	0.28	1.0	12	59	54	6.97	10	< 1	0.15	10	0.46	1205
TSL8900N 2500E	201	229	< 5	0.6	2.79	14	120	< 0.5	< 2	0.08	1.0	15	38	46	6.78	< 10	< 1	0.13	10	0.52	1380
TSL8900N 2525E	201	229	< 5	0.4	3.74	14	110	< 0.5	< 2	0.10	1.5	15	38	44	8.24	< 10	< 1	0.07	10	0.29	1685
TSL8900N 2550E	201	229	< 5	1.4	2.33	24	100	< 0.5	< 2	0.04	1.0	11	29	53	6.19	< 10	< 1	0.09	10	0.28	830
TSL8900N 2575E	201	229	< 5	0.4	2.09	16	110	< 0.5	< 2	0.05	0.5	7	25	36	5.63	< 10	< 1	0.12	10	0.26	665
TSL8900N 2600E	201	229	< 5	2.4	2.04	32	90	< 0.5	< 2	0.04	1.5	8	23	46	7.18	< 10	< 1	0.10	10	0.19	565
TSL8900N 2625E	201	229	< 5	0.4	2.45	38	80	< 0.5	< 2	0.03	0.5	7	39	51	8.67	< 10	< 1	0.11	10	0.30	385

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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 26-JUL-95
Invoice No. : I9522165
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9522165

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
TSL8900N 2450E	201	229	2	0.01	27	1520	10	< 2	2	10	0.03	< 10	< 10	80	< 10	126
TSL8900N 2475E	201	229	4	0.01	27	4320	20	6	3	23	0.04	< 10	< 10	102	< 10	150
TSL8900N 2500E	201	229	4	< 0.01	20	1960	24	2	4	10	0.01	< 10	< 10	77	< 10	162
TSL8900N 2525E	201	229	16	0.01	27	1560	14	4	10	7	0.02	< 10	< 10	80	< 10	208
TSL8900N 2550E	201	229	9	< 0.01	22	1590	18	4	3	7	0.02	< 10	< 10	79	< 10	196
TSL8900N 2575E	201	229	8	0.01	18	1950	6	4	2	7	0.03	< 10	< 10	93	< 10	174
TSL8900N 2600E	201	229	23	< 0.01	42	3530	22	4	2	8	0.01	< 10	< 10	82	< 10	394
TSL8900N 2625E	201	229	19	< 0.01	25	2140	20	8	5	8	0.01	< 10	< 10	101	< 10	228

CERTIFICATION: Stan Bichler

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To: EQUITY ENGINEERING LTD.

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

A9524019

Comments: ATTN: HENRY AWMACK

CERTIFICATE A9524019

(EIA) - EQUITY ENGINEERING LTD.

Project: PTH95-1
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 7-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	191	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
20	189	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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To: EQUITY ENGINEERING LTD.

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

Project : PTH95-1
Comments: ATTN: HENRY AWMACK

Page Number :1
Total Pages :5
Certificate Date: 07-AUG-95
Invoice No. :19524019
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9524019

SAMPLE	PREP CODE		Hg ppb
ASL5300N 400E	244	--	240
ASL5300N 425E	244	--	570
ASL5300N 450E	244	--	70
ASL5300N 475E	244	--	100
ASL5300N 500E	244	--	40
ASL5300N 525E	244	--	140
ASL5300N 550E	244	--	100
ASL5300N 575E	244	--	140
ASL5300N 600E	244	--	60
ASL5300N 625EN/S	--	--	-----
ASL5300N 650EN/S	--	--	-----
ASL5300N 675E	244	--	50
ASL5300N 700E	244	--	120
ASL5300N 725E	244	--	330
ASL5300N 750E	244	--	50
ASL5400N 225E	244	--	90
ASL5400N 250E	244	--	200
ASL5400N 275E	244	--	100
ASL5400N 300E	244	--	90
ASL5400N 325E	244	--	150
ASL5400N 350E	244	--	240
ASL5500N 300E	244	--	70
ASL5500N 325E	244	--	120
ASL5500N 350E	244	--	220
ASL5500N 375E	244	--	190
ASL5500N 400E	244	--	410
ASL5500N 425E	244	--	70
ASL5500N 450E	244	--	80
ASL5500N 475E	244	--	90
ASL5500N 500E	244	--	160
ASL5600N 200E	244	--	1060
ASL5600N 225E	244	--	330
ASL5600N 250E	244	--	390
ASL5600N 275E	244	--	270
ASL5600N 300E	244	--	40
ASL5600N 325E	244	--	70
ASL5600N 350E	244	--	80
ASL5600N 375E	244	--	30
ASL5600N 400E	244	--	120
ASL5600N 425E	244	--	170

CERTIFICATION: Stewart Bradley

Chemex Labs Ltd.

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To: EQUITY ENGINEERING LTD.

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

Project : PTH95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 07-AUG-95
Invoice No. : 19524019
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9524019

SAMPLE	PREP CODE		Hg ppb
ASL5600N 450E	244	--	110
ASL5600N 475E	244	--	60
ASL5600N 500E	244	--	100
ASL5600N 525E	244	--	80
ASL5600N 550E	244	--	120
ASL5600N 575E	244	--	110
ASL5600N 600E	244	--	90
ASL5600N 625E	244	--	40
ASL5700N 450E	244	--	130
ASL5700N 475E	244	--	150
ASL5700N 500E	244	--	90
ASL5700N 525E	244	--	80
ASL5700N 550E	244	--	70
ASL5700N 575E	244	--	40
ASL5700N 600E	244	--	50
ASL5700N 625E	244	--	40
ASL5700N 650E	244	--	60
ASL5700N 675E	244	--	100
ASL5700N 700E	244	--	130
ASL5700N 725E	244	--	130
ASL5700N 750E	244	--	140
ASL5700N 775E	244	--	130
ASL5700N 800E	244	--	210
ASL5700N 825E	244	--	150
ASL5700N 850E	244	--	130
ASL5700N 875E	244	--	120
ASL5700N 900EN/S	--	--	-----
ASL5700N 925E	244	--	200
ASL5700N 950E	244	--	220
ASL5700N 975E	244	--	160
ASL5700N 1000E	244	--	110
ASL5800N 550E	244	--	110
ASL5800N 575E	244	--	120
ASL5800N 600E	244	--	310
ASL5800N 625EN/S	--	--	-----
ASL5800N 650E	244	--	140
ASL5800N 675E	244	--	90
ASL5800N 700E	244	--	90
ASL5800N 725E	244	--	150
ASL5800N 750E	244	--	70

CERTIFICATION: Hart Bichler

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Project : PTH95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 07-AUG-95
Invoice No. : 19524019
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9524019

SAMPLE	PREP CODE		Hg ppb
ASL5800N 775E	244	--	200
ASL5800N 800E	244	--	80
ASL5800N 825E	244	--	90
ASL5800N 850E	244	--	140
ASL5800N 875E	244	--	140
ASL5800N 900E	244	--	100
ASL5800N 925E	244	--	70
ASL5800N 950E	244	--	150
ASL5800N 975E	244	--	230
ASL5800N 1000E	244	--	200
ASL5900N 700E	244	--	90
ASL5900N 725E	244	--	210
ASL5900N 750E	244	--	80
ASL5900N 775E	244	--	70
ASL5900N 800E	244	--	80
ASL5900N 825E	244	--	60
ASL5900N 850EN/S	--	--	-----
ASL5900N 875E	244	--	160
ASL5900N 900E	244	--	not/ss
ASL5900N 925E	244	--	50
ASL5900N 950E	244	--	130
ASL5900N 975E	244	--	90
ASL5900N 1000E	244	--	100
ASL5900N 1025ENS	--	--	-----
ASL5900N 1050E	244	--	70
ASL5900N 1075E	244	--	90
ASL5900N 1100E	244	--	130
ASL5900N 1125E	244	--	80
ASL5900N 1150E	244	--	70
ASL5900N 1175E	244	--	60
ASL5900N 1200E	244	--	90
ASL5900N 1225E	244	--	90
ASL5900N 1250E	244	--	70
ASL5900N 1275E	244	--	80
ASL5900N 1300E	244	--	180
ASL6000N 0800E	244	--	90
ASL6000N 0825E	244	--	140
ASL6000N 0850E	244	--	100
ASL6000N 0875E	244	--	80
ASL6000N 0900E	244	--	160

CERTIFICATION: Stuart Bichler

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Project : PTH95-1
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Certificate Date: 07-AUG-95
Invoice No. : I9524019
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9524019

SAMPLE	PREP CODE		Hg ppb
ASL6000N 0925E	244	--	140
ASL6000N 0950E	244	--	70
ASL6000N 0975E	244	--	60
ASL6000N 1000E	244	--	170
ASL6000N 1025E	244	--	200
ASL6000N 1050E	244	--	270
ASL6000N 1075E	244	--	80
ASL6000N 1100E	244	--	not/ss
ASL6000N 1125E	244	--	160
ASL6000N 1150E	244	--	140
ASL6000N 1175E	244	--	80
ASL6000N 1200E	244	--	150
ASL6000N 1225E	244	--	100
ASL6000N 1250E	244	--	100
ASL6000N 1275E	244	--	60
ASL6000N 1300E	244	--	60
ASL6000N 1325E	244	--	100
ASL6100N 900E	244	--	130
ASL6100N 925E	244	--	80
ASL6100N 950E	244	--	70
ASL6100N 975E	244	--	70
ASL6100N 1000E	244	--	40
ASL6100N 1025E	244	--	120
ASL6100N 1075ENS	--	--	-----
ASL6100N 1075E	244	--	100
ASL6100N 1100E	244	--	220
ASL6100N 1125E	244	--	250
ASL6100N 1150E	244	--	140
ASL6100N 1175E	244	--	220
ASL6100N 1200E	244	--	60
ASL6100N 1225E	244	--	100
ASL6100N 1250E	244	--	60
ASL6100N 1275E	244	--	80
ASL6100N 1300E	244	--	90
ASL6100N 1325ENS	--	--	-----
ASL6100N 1350E	244	--	150
ASL6100N 1375E	244	--	470
ASL6100N 1400E	244	--	150
ASL6100N 1425E	244	--	40
ASL6100N 1450E	244	--	70

CERTIFICATION: Stuart Bichler

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V6B 1N2

Project : PTH95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 07-AUG-95
Invoice No. : I9524019
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9524019

SAMPLE	PREP CODE		Hg ppb
ASL6100N 1475E	244	--	60
ASL6100N 1500E	244	--	130
ASL6200N 1000E	244	--	100
ASL6200N 1025E	244	--	200
ASL6200N 1050E	244	--	250
ASL6200N 1075E	244	--	100
ASL6200N 1100E	244	--	70
ASL6200N 1125E	244	--	400
ASL6200N 1150E	244	--	70
ASL6200N 1175E	244	--	90
ASL6200N 1200E	244	--	40
ASL6200N 1225E	244	--	50
ASL6200N 1250E	244	--	90
ASL6200N 1275E	244	--	100
ASL6200N 1300E	244	--	150
ASL6200N 1325E	244	--	120
ASL6200N 1350E	244	--	250
ASL6200N 1375E	244	--	110
ASL6200N 1400ENS	--	--	-----
ASL6200N 1425E	244	--	140
ASL6200N 1450E	244	--	100
ASL6300N 1250E	244	--	230
ASL6300N 1275E	244	--	210
ASL6300N 1300E	244	--	110
ASL6300N 1325E	244	--	160
ASL6300N 1350E	244	--	50
ASL6300N 1375E	244	--	70
ASL6300N 1400E	244	--	140
ASL6300N 1425E	244	--	60
ASL6300N 1450E	244	--	120
ASL6300N 1475E	244	--	30
ASL6300N 1500E	244	--	130
ASL7800N 1850E	244	--	60
ASL7800N 1875E	244	--	50
ASL7800N 1900E	244	--	80
ASL7800N 1925E	244	--	70
ASL7800N 1950E	244	--	70
ASL7800N 1975E	244	--	80
ASL7800N 2000E	244	--	80
ASL7800N 2025E	244	--	70

CERTIFICATION:

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207 - 675 W. HASTINGS ST.
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V6B 1N2

Project : PTH95-1
Comments: ATTN: HENRY AWMACK

Page Number :1
Total Pages :5
Certificate Date: 07-AUG-95
Invoice No. : I9524020
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9524020

SAMPLE	PREP CODE		Hg ppb
ASL7800N 2050E	244	--	20
ASL7800N 2075E	244	--	80
ASL7800N 2100E	244	--	140
ASL7900N 1800E	244	--	40
ASL7900N 1825E	244	--	80
ASL7900N 1850E	244	--	100
ASL7900N 1875E	244	--	40
ASL7900N 1900E	244	--	50
ASL7900N 1925E	244	--	40
ASL7900N 1950E	244	--	120
ASL7900N 1975E	244	--	70
ASL7900N 2000E	244	--	90
ASL8000N 1875E	244	--	110
ASL8000N 1900E	244	--	70
ASL8000N 1925E	244	--	100
ASL8000N 1950E	244	--	90
ASL8000N 1975E	244	--	80
ASL8000N 2000E	244	--	90
ASL8100N 1900E	244	--	60
ASL8100N 1925E	244	--	150
ASL8100N 1950E	244	--	70
ASL8100N 1975E	244	--	70
ASL8100N 2000E	244	--	80
ASL8200N 2000E	244	--	110
ASL8200N 2025E	244	--	100
ASL8200N 2050E	244	--	90
ASL8200N 2075E	244	--	110
ASL8200N 2100E	244	--	50
ASL8200N 2125E	244	--	100
ASL8200N 2150E	244	--	100
ASL8200N 2175E	244	--	50
ASL8200N 2200E	244	--	40
ASL8200N 2225E	244	--	80
ASL8200N 2250E	244	--	60
ASL8200N 2275E	244	--	70
ASL8200N 2300E	244	--	60
ASL8400N 2000E	244	--	80
ASL8400N 2025E	244	--	130
ASL8400N 2050E	244	--	80
ASL8400N 2075E	244	--	30

CERTIFICATION: Stewart Bichler

Chemex Labs Ltd.

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

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V6B 1N2

Project : PTH95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 07-AUG-95
Invoice No. : I9524020
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9524020

SAMPLE	PREP CODE		Hg ppb
ASL8400N 2100E	244	--	30
ASL8400N 2125E	244	--	40
ASL8400N 2150E	244	--	60
ASL8400N 2175ENS	--	--	-----
ASL8400N 2200E	244	--	70
ASL8400N 2225E	244	--	180
ASL8400N 2250E	244	--	70
ASL8400N 2275E	244	--	50
ASL8400N 2300E	244	--	80
ASL8400N 2325ENS	--	--	-----
ASL8400N 2350E	244	--	100
ASL8400N 2375E	244	--	100
ASL8400N 2400E	244	--	160
ASL8400N 2425E	244	--	110
ASL8400N 2450E	244	--	190
ASL8400N 2475E	244	--	100
ASL8400N 2500E	244	--	60
ASL8700N 2525E	244	--	90
ASL8700N 2550E	244	--	90
ASL8700N 2575E	244	--	120
ASL8700N 2600E	244	--	80
ASL8700N 2625E	244	--	110
BML8500N 2000E	244	--	150
BML8500N 2025E	244	--	110
BML8500N 2050E	244	--	130
BML8500N 2075ENS	--	--	-----
BML8500N 2100ENS	--	--	-----
BML8500N 2125E	244	--	70
BML8500N 2150E	244	--	120
BML8500N 2175E	244	--	100
BML8500N 2200ENS	--	--	-----
BML8500N 2225E	244	--	110
BML8500N 2250ENS	--	--	-----
BML8500N 2275E	244	--	80
BML8500N 2300E	244	--	90
BML8500N 2325E	244	--	110
BML8500N 2350ENS	--	--	-----
BML8500N 2375E	244	--	190
BML8500N 2400E	244	--	140
BML8500N 2425E	244	--	190

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9524020

SAMPLE	PREP CODE		Hg ppb
BML8500N 2450E	244	--	120
BML8500N 2475ENS	--	--	-----
BML8500N 2500E	244	--	80
BML8500N 2525E	244	--	70
BML8500N 2550E	244	--	400
BML8500N 2575E	244	--	130
BML8500N 2600ENS	--	--	-----
BML8500N 2625E	244	--	70
BML8500N 2650E	244	--	30
BML8500N 2675E	244	--	80
BML8500N 2700E	244	--	260
BML8600N 2050E	244	--	70
BML8600N 2075ENS	--	--	-----
BML8600N 2100E	244	--	150
BML8600N 2125E	244	--	140
BML8600N 2150E	244	--	130
BML8600N 2175E	244	--	110
BML8600N 2200E	244	--	60
BML8600N 2225E	244	--	120
BML8600N 2250E	244	--	130
BML8600N 2275E	244	--	70
BML8600N 2300E	244	--	40
BML8600N 2325E	244	--	50
BML8600N 2350E	244	--	110
BML8600N 2375E	244	--	90
BML8600N 2400E	244	--	110
BML8600N 2425E	244	--	120
BML8600N 2450E	244	--	70
BML8600N 2475E	244	--	20
BML8600N 2500E	244	--	50
BML8600N 2525E	244	--	120
BML8600N 2550E	244	--	80
BML8600N 2575E	244	--	70
BML8600N 2600E	244	--	70
BML8600N 2625E	244	--	150
BML8600N 2650E	244	--	80
BML8600N 2675E	244	--	130
BML8600N 2700ENS	--	--	-----
TSL8700N 2200E	244	--	70
TSL8700N 2225E	244	--	160

CERTIFICATION: Stan Bichler

Chemex Labs Ltd.

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Certificate Date: 07-AUG-95
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CERTIFICATE OF ANALYSIS A9524020

SAMPLE	PREP CODE		Hg ppb
TSL8700N 2250E	244	--	180
TSL8700N 2275E	244	--	90
TSL8700N 2300E	244	--	290
TSL8700N 2325E	244	--	90
TSL8700N 2350E	244	--	50
TSL8700N 2375E	244	--	120
TSL8700N 2400E	244	--	140
TSL8700N 2425E	244	--	520
TSL8700N 2450E	244	--	70
TSL8700N 2475E	244	--	110
TSL8700N 2500E	244	--	90
TSL8800N 2200E	244	--	170
TSL8800N 2225E	244	--	80
TSL8800N 2250E	244	--	130
TSL8800N 2275E	244	--	230
TSL8800N 2300E	244	--	110
TSL8800N 2325E	244	--	420
TSL8800N 2350E	244	--	50
TSL8800N 2375E	244	--	180
TSL8800N 2400E	244	--	80
TSL8800N 2425E	244	--	90
TSL8800N 2450E	244	--	70
TSL8800N 2475E	244	--	90
TSL8800N 2500E	244	--	180
TSL8800N 2525E	244	--	90
TSL8800N 2550E	244	--	110
TSL8800N 2575E	244	--	140
TSL8800N 2600E	244	--	300
TSL8800N 2625E	244	--	380
TSL8800N 2650E	244	--	450
TSL8800N 2675E	244	--	140
TSL8900N 2225E	244	--	30
TSL8900N 2250E	244	--	30
TSL8900N 2275E	244	--	30
TSL8900N 2300E	244	--	40
TSL8900N 2325E	244	--	120
TSL8900N 2350E	244	--	50
TSL8900N 2375E	244	--	30
TSL8900N 2400E	244	--	40
TSL8900N 2425E	244	--	80

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 : PTH95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 07-AUG-95
Invoice No. : I9524020
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9524020

SAMPLE	PREP CODE		Hg ppb
TSL8900N 2450E	244	--	60
TSL8900N 2475E	244	--	120
TSL8900N 2500E	244	--	130
TSL8900N 2525E	244	--	310
TSL8900N 2550E	244	--	140
TSL8900N 2575E	244	--	70
TSL8900N 2600E	244	--	180
TSL8900N 2625E	244	--	130

CERTIFICATION: Ian Pochler

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

A9522167

Comments: ATTN: HENRY AWMACK

CERTIFICATE A9522167

(EIA) - EQUITY ENGINEERING LTD.

Project: PTH 95-1
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-JUL-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	8	Geochem ring to approx 150 mesh
226	8	0-3 Kg crush and split
3204	8	Save 1 Kg reject for 90 days
229	8	ICP - AQ Digestion charge
* NOTE	1:	

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	8	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	8	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	8	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	8	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	8	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	8	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	8	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	8	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	8	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	8	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	8	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	8	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	8	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	8	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	8	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	8	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	8	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	8	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	8	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	8	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	8	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	8	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	8	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	8	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	8	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	8	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	8	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	8	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	8	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	8	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	8	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	8	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	8	Zn ppm: 32 element, soil & rock	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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Certificate Date: 26-JUL-95
Invoice No. :I9522167
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9522167

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
003751	205	226	< 5	1.0	0.46	40	80	< 0.5	< 2	0.25	< 0.5	5	84	42	2.25	< 10	< 1	0.36	10	0.02	120
003752	205	226	< 5	0.6	1.58	6	160	< 0.5	< 2	6.87	0.5	14	67	32	3.61	< 10	< 1	0.32	< 10	1.15	2270
003753	205	226	< 5	0.4	0.41	< 2	1120	< 0.5	< 2	0.99	3.0	8	28	13	3.13	< 10	< 1	0.34	10	0.87	4460
003754	205	226	< 5	< 0.2	0.30	1545	100	0.5	< 2	0.52	1.0	2	137	22	1.60	< 10	< 1	0.21	< 10	0.27	200
003755	205	226	< 5	0.2	1.48	8	110	1.0	2	0.38	0.5	8	77	39	3.70	< 10	< 1	0.06	< 10	1.31	310
003756	205	226	< 5	< 0.2	2.08	< 2	80	1.0	< 2	0.16	1.0	9	51	39	6.27	< 10	< 1	0.25	< 10	0.57	345
003757	205	226	< 5	< 0.2	2.28	< 2	140	0.5	< 2	2.76	0.5	33	91	38	5.92	10	< 1	0.12	< 10	2.08	805
003758	205	226	< 5	0.4	0.45	< 2	1800	1.0	< 2	2.57	1.0	4	47	11	2.54	< 10	< 1	0.36	10	0.55	2700

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 : PTH 95-1
Comments: ATTN: HENRY AWMACK

Page Number :1-B
Total Pages :1
Certificate Date: 26-JUL-95
Invoice No. :19522167
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9522167

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
003751	205	226	< 1	< 0.01	3	1030	70	4	3	24	< 0.01	< 10	< 10	35	< 10	124
003752	205	226	< 1	0.01	12	830	70	4	9	122	< 0.01	< 10	< 10	68	10	206
003753	205	226	< 1	< 0.01	3	1060	18	4	5	36	< 0.01	< 10	< 10	31	< 10	408
003754	205	226	3	0.01	9	280	< 2	4	2	51	< 0.01	< 10	< 10	8	< 10	132
003755	205	226	5	0.10	25	940	16	< 2	17	17	0.29	< 10	< 10	140	< 10	62
003756	205	226	4	0.01	2	720	2	2	2	8	< 0.01	< 10	< 10	38	< 10	52
003757	205	226	< 1	0.06	75	1110	4	4	14	71	< 0.01	< 10	< 10	146	10	78
003758	205	226	< 1	< 0.01	1	600	12	< 2	3	189	< 0.01	< 10	< 10	26	< 10	134

CERTIFICATION:

APPENDIX E

ENGINEER'S CERTIFICATE

ENGINEER'S CERTIFICATE

I, HENRY J. AWMACK, of 12-1348 Nelson Street, Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Consulting Geological Engineer 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 an honours degree in Geological Engineering.

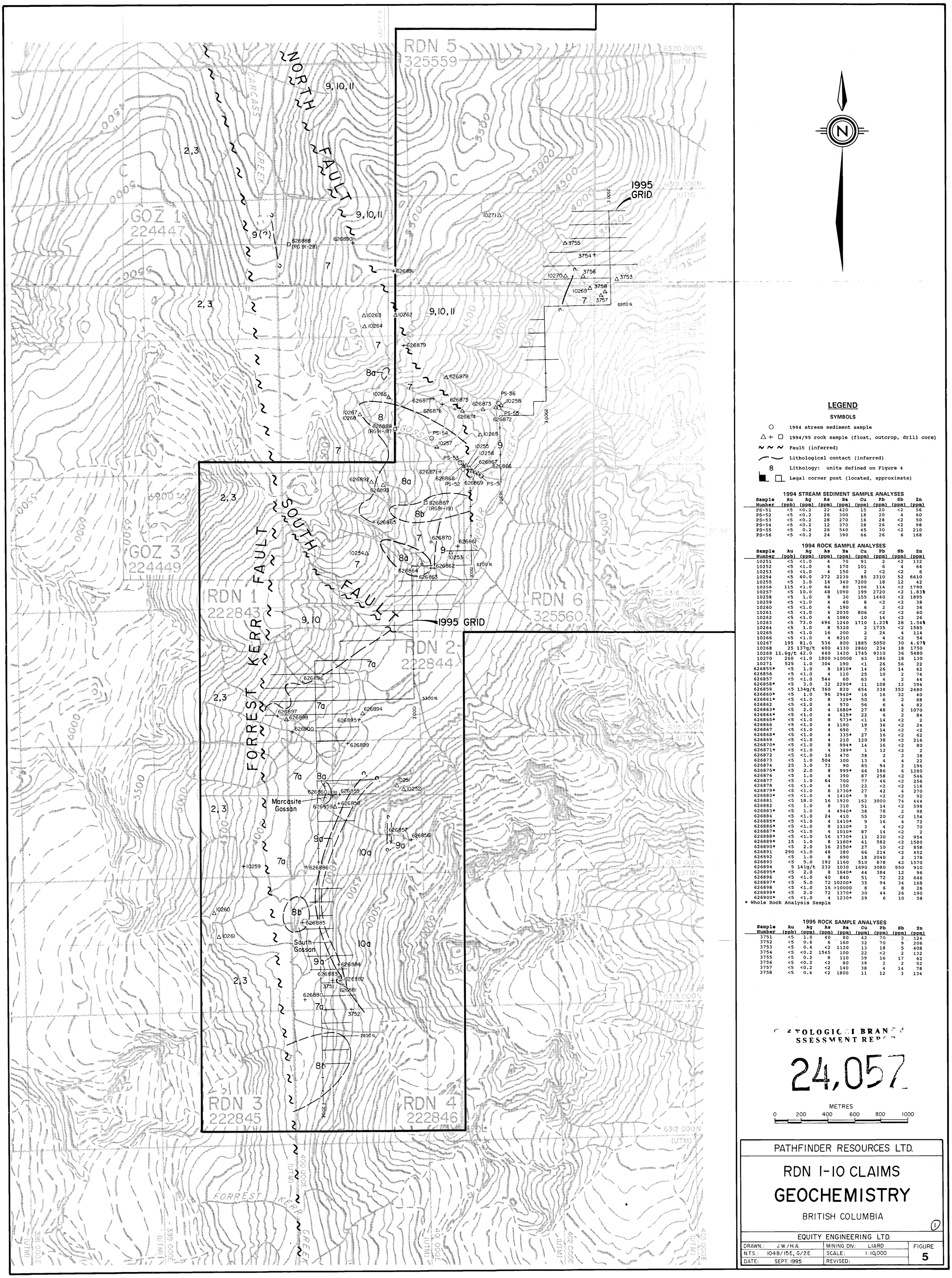
3. THAT I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia.

4. THAT this report is based on fieldwork carried out by Equity Engineering Ltd. in June and July of 1995, and on publicly-available reports. I have examined the property in the field.

DATED at Vancouver, British Columbia, this 19 day of Sept, 1995.

Henry J. Awmack, P.Eng.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
H. J. AWMACK



LEGEND

SYMBOLS

- ○ 1994 stream sediment sample
- △ + □ 1994/95 rock sample (float, outcrop, drill core)
- ~ ~ ~ Fault (inferred)
- ⌒ ⌒ Lithological contact (inferred)
- 8 Lithology: units defined on Figure 4
- ■ □ Legal corner post (located, approximate)

1994 STREAM SEDIMENT SAMPLE ANALYSES

Sample Number	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
PS-51	<5	<0.2	22	420	15	20	<2	56
PS-52	<5	<0.2	26	300	18	20	4	60
PS-53	<5	<0.2	28	270	16	28	<2	50
PS-54	<5	<0.2	12	370	28	26	<2	98
PS-55	<5	0.2	26	540	45	30	<2	210
PS-56	<5	<0.2	24	390	66	26	6	168

1994 ROCK SAMPLE ANALYSES

Sample Number	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
10251	<5	<1.0	4	70	91	2	<2	132
10252	<5	<1.0	4	170	101	6	4	64
10253	<5	<1.0	4	150	2	<2	<2	6
10254	<5	40.0	272	2230	85	2310	52	6610
10255	<5	1.0	16	340	7200	18	12	42
10256	115	<1.0	64	80	106	114	<2	1790
10257	<5	10.0	48	1090	199	2720	<2	1.83%
10258	<5	1.0	8	30	155	1440	<2	1895
10259	<5	<1.0	4	40	8	<2	<2	38
10260	<5	<1.0	4	190	6	2	<2	36
10261	<5	<1.0	4	2030	806	<2	<2	60
10262	<5	<1.0	4	1080	10	14	<2	26
10263	<5	73.0	496	1240	1710	1.23%	28	1.54%
10264	<5	1.0	8	5320	2	1735	<2	1585
10265	<5	<1.0	16	200	2	24	4	114
10266	<5	<1.0	4	6210	2	4	<2	54
10267	195	81.0	536	800	1885	5050	30	4.67%
10268	25	137g/t	400	4130	2860	234	18	1750
10269	11.6g/t	42.0	440	1420	1745	9310	36	5480
10270	260	<1.0	1800	>10000	63	186	18	130
10271	525	1.0	304	190	<1	26	56	22
626855*	<5	1.0	8	1810*	14	26	14	62
626856	<5	<1.0	4	110	25	10	2	74
626857	<5	<1.0	544	60	63	4	2	44
626858*	<5	3.0	32	2290*	11	108	12	394
626859	<5	134g/t	360	820	654	338	352	2480
626860*	<5	1.0	96	2940*	16	16	32	40
626861*	<5	<1.0	8	329*	50	6	2	88
626862	<5	<1.0	4	570	56	6	4	82
626863*	<5	2.0	4	1680*	27	48	2	1070
626864*	<5	<1.0	4	615*	22	6	2	84
626865*	<5	<1.0	8	573*	<1	14	<2	2
626866	<5	<1.0	4	1190	19	36	<2	24
626867	<5	<1.0	4	690	7	14	<2	<2
626868*	<5	<1.0	4	335*	27	16	<2	62
626869	<5	<1.0	4	210	120	38	<2	216
626870*	<5	<1.0	8	994*	14	16	<2	80
626871*	<5	<1.0	4	389*	1	12	<2	2
626872	<5	<1.0	16	470	38	2	2	38
626873	<5	1.0	504	100	13	4	4	22
626874	25	3.0	72	90	85	94	2	196
626875*	<5	2.0	8	999*	66	186	6	1280
626876	<5	1.0	4	390	87	258	<2	546
626877	<5	1.0	64	700	77	46	<2	256
626878	<5	<1.0	4	150	22	<2	<2	118
626879*	<5	<1.0	8	1730*	27	42	4	270
626880*	<5	<1.0	4	1410*	9	<2	<2	92
626881	<5	18.0	16	1920	162	3000	74	444
626882	<5	1.0	8	310	51	14	<2	598
626883*	<5	1.0	4	4940*	38	78	2	98
626884	<5	<1.0	24	410	55	20	<2	154
626885*	<5	<1.0	4	1410*	9	16	4	72
626886*	<5	<1.0	8	1110*	3	4	<2	70
626887*	<5	<1.0	4	1010*	87	14	<2	2
626888*	<5	<1.0	16	1730*	13	230	<2	954
626889*	15	1.0	8	1160*	41	582	<2	1580
626890*	<5	2.0	16	2150*	27	10	<2	858
626891	290	<1.0	48	180	66	214	<2	452
626892	<5	1.0	8	690	18	2040	2	378
626893	<5	5.0	192	1160	510	878	42	1570
626894	5	141g/t	232	1030	1690	3080	550	910
626895*	<5	2.0	8	1640*	44	384	12	96
626896	<5	<1.0	40	840	51	72	22	646
626897*	<5	5.0	72	10200*	35	94	34	168
626898	<5	<1.0	16	>10000	8	6	8	26
626899*	<5	2.0	72	1370*	30	44	26	190
626900*	<5	<1.0	4	1230*	29	6	10	58

* Whole Rock Analysis Sample

1995 ROCK SAMPLE ANALYSES

Sample Number	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
3751	<5	1.0	40	80	42	70	3	124
3752	<5	0.6	6	160	32	70	9	206
3753	<5	0.4	<2	1120	13	18	5	408
3754	<5	<0.2	1545	100	22	<2	2	132
3755	<5	0.2	8	110	39	16	17	62
3756	<5	<0.2	<2	80	39	2	2	52
3757	<5	<0.2	<2	140	38	4	14	78
3758	<5	0.4	<2	1800	11	12	3	134

GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,057

METRES
0 200 400 600 800 1000

PATHFINDER RESOURCES LTD.

RDN 1-10 CLAIMS
GEOCHEMISTRY

BRITISH COLUMBIA

(1)

EQUITY ENGINEERING LTD.

DRAWN.: J.W./H.A.	MINING DIV.: LIARD		FIGURE
N.T.S.: 104B/15E, G/2E	SCALE: 1:10,000		5
DATE: SEPT. 1995	REVISED:		

6319000 N

6318000 N

6317000 N

6316000 N

6315000 N

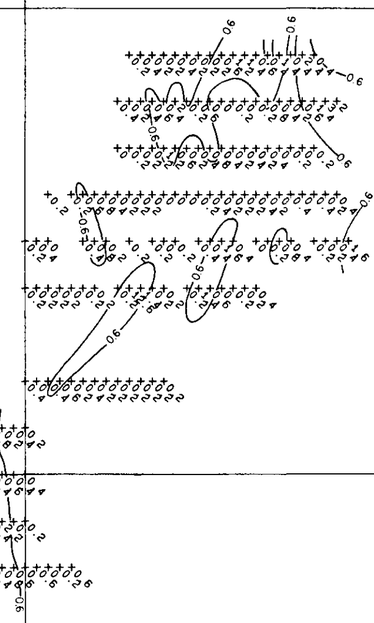
6314000 N

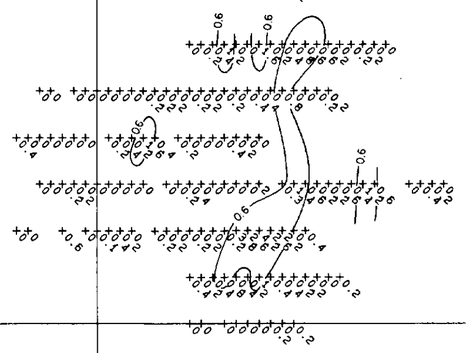
6313000 N

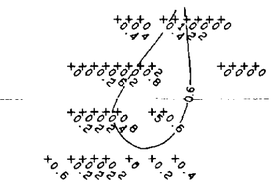
399000 E

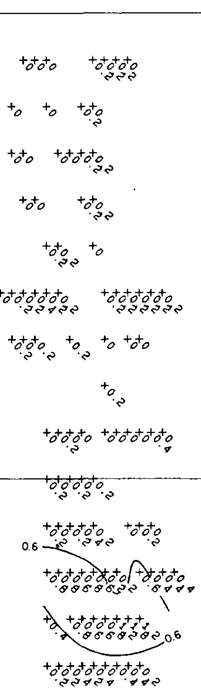
400000 E

401000 E









0.6 ≥ 0.6 ppm Ag

0 DENOTES < 0.2 ppm Ag

METRES

0 200 400 600 800 1000

PATHFINDER RESOURCES LTD.

RDN 1-10 CLAIMS

Ag (ppm) IN SOILS

BRITISH COLUMBIA

(2)

EQUITY ENGINEERING LTD.

DRAWN: J.W. / H.A.	MINING DIV.: LIARD	FIGURE 6
N.T.S.: 104B/15E, G/2E	SCALE: 1:10,000	
DATE: SEPT. 1995	REVISED:	

6319000 N

6318000 N

6317000 N

6316000 N

6315000 N

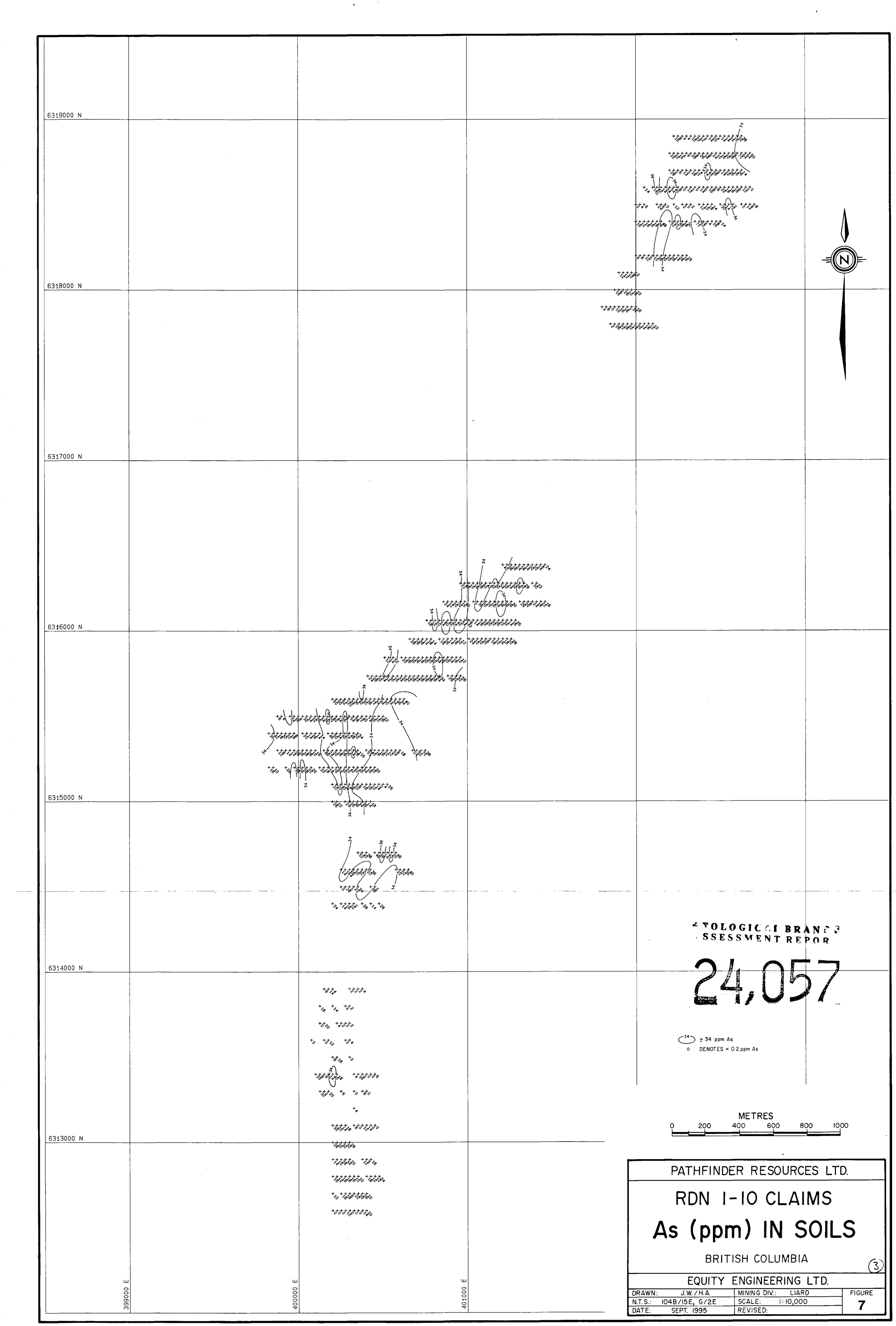
6314000 N

6313000 N

399000 E

400000 E

401000 E



PATHFINDER RESOURCES LTD.

RDN 1-10 CLAIMS

As (ppm) IN SOILS

BRITISH COLUMBIA

(3)

EQUITY ENGINEERING LTD.

DRAWN: J.W./H.A.	MINING DIV.: LIARD	FIGURE 7
N.T.S.: 104B/15E, G/2E	SCALE: 1:10,000	
DATE: SEPT. 1995	REVISED:	

6319000 N

6318000 N

6317000 N

6316000 N

6315000 N

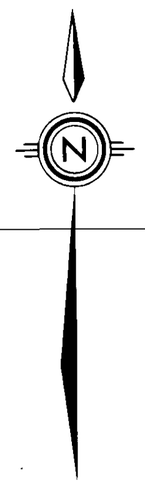
6314000 N

6313000 N

399000 E

400000 E

401000 E



(150) ≥ 150 ppb Hg

"ISS" DENOTES INSUFFICIENT SAMPLE

METRES

0 200 400 600 800 1000

PATHFINDER RESOURCES LTD.

RDN 1-10 CLAIMS

Hg (ppb) IN SOILS

BRITISH COLUMBIA

(4)

EQUITY ENGINEERING LTD.

DRAWN: J.W. / H.A.	MINING DIV.: LIARD	FIGURE 8
N.T.S.: 104B/15E, G/2E	SCALE: 1:10,000	
DATE: SEPT. 1995	REVISED:	

6319000 N

6318000 N

6317000 N

6316000 N

6315000 N

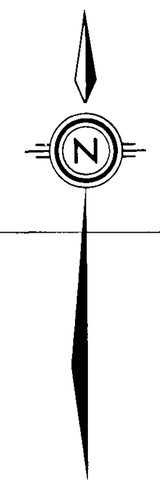
6314000 N

6313000 N

399000 E

400000 E

401000 E



32 ≥ 32 ppm Pb

0 DENOTES < 2 ppm Pb

METRES

0 200 400 600 800 1000

PATHFINDER RESOURCES LTD.

RDN 1-10 CLAIMS

Pb (ppm) IN SOILS

BRITISH COLUMBIA

(S)

EQUITY ENGINEERING LTD.

DRAWN: J.W./H.A.	MINING DIV.: LIARD	FIGURE 9
N.T.S.: 104B/15E, G/2E	SCALE: 1:10,000	
DATE: SEPT. 1995	REVISED:	

6319000 N

6318000 N

6317000 N

6316000 N

6315000 N

6314000 N

6313000 N

399000 E

400000 E

401000 E

(216) ≥ 216 ppm Zn

METRES
0 200 400 600 800 1000

PATHFINDER RESOURCES LTD.

RDN 1-10 CLAIMS

Zn (ppm) IN SOILS

BRITISH COLUMBIA

(6)

EQUITY ENGINEERING LTD.

DRAWN: J.W./H.A.	MINING DIV.: LIARD	FIGURE
N.T.S.: 104B/15E, G/2E	SCALE: 1:10,000	10
DATE: SEPT. 1995	REVISED:	

6319000 N

8900 N.
19 Mo
23 Mo
28 Mo
19 Mo
634 Zn
3.0 Ag, 22 Mo
520 Hg, 20 Mo, 638 Zn

8500 N.
12.6 Ag

6318000 N

248 Pb, 594 Zn
217 Cu
10 Au
15 Au

7800 N.
10 Au
5 Au
10 Au

6317000 N

6316000 N

6300 N.
142 As, 558 Zn
3.8 Ag
3.8 Ag
470 Hg
3.0 Ag
90 As
132 Pb
3.8 Ag

5900 N.
10 Au

6315000 N

5500 N.
90 As
58 Mo, 816 Zn
1060 Hg, 57 Mo, 902 Zn
120 As, 106 Pb
122 Cu
124 Cu
82 As, 123 Cu, 520 Hg
107 Cu
20 Sb
2600 Hg, 59 Mo
570 Hg
86 As
20 Sb
3.8 Ag
116 As, 790 Hg, 130 Pb, 50 Sb
76 As, 24 Sb
2.6 Ag, 790 Hg
94 As, 490 Hg, 22 Sb

6314000 N

4500 N.
18 Sb
26 Sb
164 As
3.0 Ag, 98 As, 630 Hg, 168 Pb
20 Mo

6313000 N

3500 N.
112 Cu
128 Cu

2600 N.
124 Pb, 620 Zn
114 Pb, 604 Zn
10 Au
132 Pb, 778 Zn
108 Pb
106 Pb
188 Cu, 130 Pb, 642 Zn
150 Pb, 612 Zn

399000 E
400000 E
401000 E

METRES
0 200 400 600 800 1000

Values shown only for samples equal to or above the 98th percentile:
5 ppb Au, 2.6 ppm Ag, 76 ppm As, 107 ppm Cu, 470 ppb Hg, 18 ppm Mo, 106 ppm Pb, 16 ppm Sb or 558 ppm Zn.

PATHFINDER RESOURCES LTD.

RDN 1-10 CLAIMS

SOIL ANOMALIES

BRITISH COLUMBIA

(7)

EQUITY ENGINEERING LTD.

DRAWN: J.W./H.A.	MINING DIV.: LIARD	FIGURE
N.T.S.: 104B/15E, G/2E	SCALE: 1:10,000	11
DATE: SEPT. 1995	REVISED:	