Blackstone Resources Inc.

1996 EXPLORATION PROGRAM ON THE REIN PROPERTY

Volume I - Text

Located near Lomond Creek
Mayo Mining District
NTS 116A/12, B/9
64° 42' North Latitude
138° 05' West Longitude

-prepared for-

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1996 EXPLORATION PROGRAM ON THE REIN PROPERTY

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SUMMARY

The Rein property, centred 95 kilometres northeast of Dawson, is located in the Taiga Basin in the west-central Yukon. The property is comprised of three blocks of contiguous claims totalling 194 claims Topography is gentle to moderate with local rugged terrain and mainly above tree-line The Dempster Highway passes within six kilometres of the western claim boundary

The Taiga Basin consists of Ordovician to Silurian Road River Group dolomite and black calcareous shales overlain by Devono-Mississippian Earn Group siliceous shales, chert and conglomerate with minor carbonate units near the lower contact. It lies within an off-shelf sequence of the Mackenzie Platform, underlain and overlain by shallow water carbonates and forming a sub-basin north of the main Selwyn Basin To the south, the Taiga Basin is bounded by the northerly-directed Dawson Thrust Fault. Cambrian to Devonian mafic volcanics are widespread along the Dawson Fault, suggesting that it may have originated by rifting during the early Paleozoic and been re-activated by Mesozoic compression

The Taiga Basin, including the Rein property, was explored by UMEX in 1976 and 1977 for shale-hosted lead-zinc-barite deposits. As part of their overall program, UMEX completed detailed silt sampling (5,836 samples) and in the Rein property area, soil sampling (4,540 samples), identifying extensive Zn geochemical anomalies and hydrozincite-coated shales, limestone and chert In 1994, Blackstone Resources Inc. acquired UMEX's database, sample pulps and an option to purchase 75% of 16 Rein claims dating from 1976 Prospecting led to the discovery of the TB Showing, a thin bed of pyrite-vaesite which assayed 2 06% Ni with elevated Mo, Au and platinum group elements (PGE) In 1995, Blackstone re-analyzed 2,195 soil pulps from the Rein area and staked 178 more Rein claims to cover the TB Showing and strong, coincident, stratigraphically-controlled Ni-Mo-Zn-As geochemical anomalies

The 1996 exploration program consisted of a three week program of geological mapping, prospecting and soil sampling. The Rein property geology is dominated by thrust faults which repeat Middle to Upper Devonian stratigraphy of the Lower Earn Group The lowest member (DLEl) of the Earn Group is a rhythmic, carbonate-rich section of argillite, shale, siltstone, limestone and at the top of the section, a siliceous shale hosting unique limestone balls. The upper member (DLEu) is comprised of chert, cherty argillite and minor barite, and capped by chert pebble conglomerate The middle unit (DLEba) contains thick bedded barite and Ni-sulphide mineralization; fossil identification places this middle unit at Eifelian age (380-387 Ma). New occurrences of Ni-sulphide mineralization were found 450 metres south of the TB Showing at the DM Showing and in both thrust panels of the MM grid Stratigraphic sampling at the RF Showing and soil sampling results on the MM grid suggest that there are at least two separate Ni-sulphide horizons: one at the base of the bedded barite and a second layer higher in the hanging wall

The potential for discovering more Ni-sulphide occurrences is indicated by strong coincident soil geochemical anomalies (>190 ppm Ni, >47 ppm Mo, >38 ppm As, >10 ppb Pd and >860 ppm Zn) which overlie large portions of the DLEu/DLEl contact on the Rein property including open-ended anomalies over the entire length of the TB grid (1200 m) and MM grid (1800 m). The ridge and spur samples collected on the Rein 100-181 claims show that a Ni-Mo-As-Pd-Zn soil anomaly covers the entire length of this claim block (7500 m). One area of the TB grid returned very anomalous Pb, Zn and Ag soil geochemistry, possibly reflecting more conventional sedimentary exhalative (SEDEX) Pb-Zn mineralization

The Rein property hosts stratiform Ni-Mo-Zn-Au-PGE mineralization with metal suite, mineral textures and stratigraphic environment very similar to a newly-described class of high-grade, high-tonnage, poly-element deposits; its economic potential rests on the delineation of mineable thicknesses The Rein's potential for thicker Ni-sulphide accumulations than at other deposits of this class is indicated by the thicker Ni-sulphide exposure at the TB Showing, the presence of two layers of Ni-sulphide mineralization and the local stratigraphic thickening as evidenced by thick sections of bedded barite

1.0 INTRODUCTION

The Rein property is situated in the Taiga Basin, a shale sub-basin at the northwestern extremity of the Selwyn Basin, covering 2,200 square kilometres of the west-central Yukon and centred 95 kilometres northeast of Dawson on the Dempster Highway (Figures 1a and 1b). In 1994, Blackstone Resources Inc. acquired proprietary data and sample pulps from regional exploration programs carried out over the Taiga Basin from 1975 to 1977, along with an interest in 16 Rein claims dating from that time.

Reconnaissance prospecting around the existing Rein claims by Blackstone in 1994 led to the discovery of a sulphide-rich bed within black shale which assayed 2 06% Ni, along with 454 ppm Mo, 30 ppb Au, 120 ppb Pt and 58 ppb Pd (TB Showing). Several widely-spaced soil samples also returned highly anomalous nickel, molybdenum and zinc values. Recognizing the area's potential for stratiform Ni-Zn-Au-PGE massive sulphide deposits, Blackstone selected 2,195 soil pulps and 62 rock pulps for ICP analysis and subsequently staked an additional 178 Rein claims over strong coincident Ni-Mo-Zn-As soil anomalies

In June 1996, Blackstone Resources Inc. carried out an exploration program of geological mapping, soil geochemistry and prospecting This work was completed by Equity Engineering Ltd. for Blackstone Resources Inc which has also been retained to report on the results of the fieldwork

2.0 STRATIFORM NI-ZN-MO-AU-PGE DEPOSITS

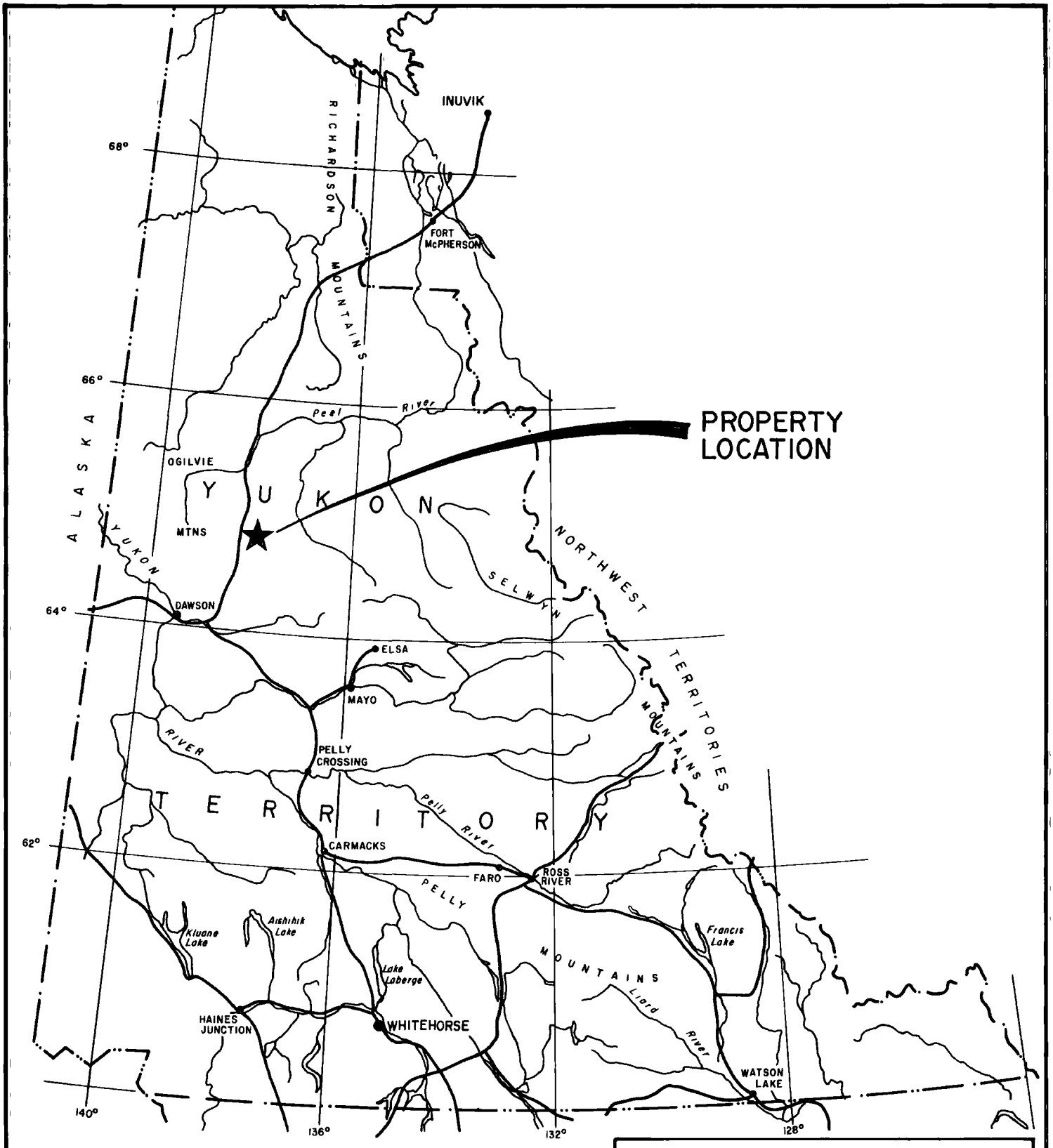
A new class of stratiform, shale-hosted massive sulphide deposits has been described in the past few years from southern China and the Yukon's Nick deposit, 100 kilometres east of the Taiga Basin (Figure 1b) New occurrences have been reported on the Peel River and Eagle Plains in the Richardson Trough and on the Monster River near the Yukon-Alaska border (Goodfellow et al, 1996). The best available descriptions of the southern China (Coveney et al, 1992) and Nick (Hulbert et al, 1992) deposits form the basis of the following discussion

As with any other deposit class, it would be unwise to assume that the characteristics of two districts will define the entire range of variation which could be present in this new deposit type. It should be expected that mineral assemblages, relative proportions of metals, thicknesses, and detailed stratigraphic and structural settings may vary substantially within a common tectonic and depositional environment However, the characteristics displayed by the south China deposits and the Yukon's Nick deposit are

General Form: Thin, areally extensive, stratiform sheets of massive sulphides in black shale basins, containing elevated nickel, molybdenum, zinc, gold and platinum group element (PGE) contents

Host Stratigraphy:

- **Early Paleozoic Age:** The Nick deposit is hosted by Middle to Upper Devonian strata of the lower Earn Group; the Chinese deposits by Lower Cambrian rocks
- **Black Shale Basin:** Both districts occur on the margins of large regional black shale basins. The Chinese deposits occur within a 1,600 kilometre long arc, corresponding to the transition between platform sediments and deeper water facies The Nick deposit lies within a shale sub-basin (equivalent in age and lithology to the Selwyn Basin's Road River and Earn Groups) overlying Cambrian and Ordovician carbonates of the Mackenzie Platform
- **Underlying Shale with Limestone Concretions:** The Nick massive sulphide horizon lies 20-120 centimetres above the top of a 3-20 metre thick, moderately phosphatic, siliceous shale ("Limestone Ball Member") containing laminated micritic limestone spheroids from 5-150 centimetres in diameter The massive sulphide horizons near Zunyi in southern China overlie black shale with 10-100 centimetre black calcite concretions.
- **Phosphates:** The Nick massive sulphide horizon lies at the base of a 5-8 metre thick phosphatic chert and overlies the moderately phosphatic Limestone Ball Member The sulphide bed itself contains a gangue of phosphatic-carbonaceous chert and amorphous silica. Phosphate is reported at most of the Chinese deposits, occurring as 10-100 centimetre phosphorite beds underlying the massive sulphide horizon and as phosphorite pellets within the sulphide beds
- **Barite:** Bedded barite crystals are present within the sulphide beds at several of the Chinese deposits Barite is not reported from the Nick deposit, but the mineralized bed contains 1900-4900 ppm Ba. Stratiform barite deposits are hosted by Nick-aged strata elsewhere in the Selwyn Basin



BLACKSTONE RESOURCES INC

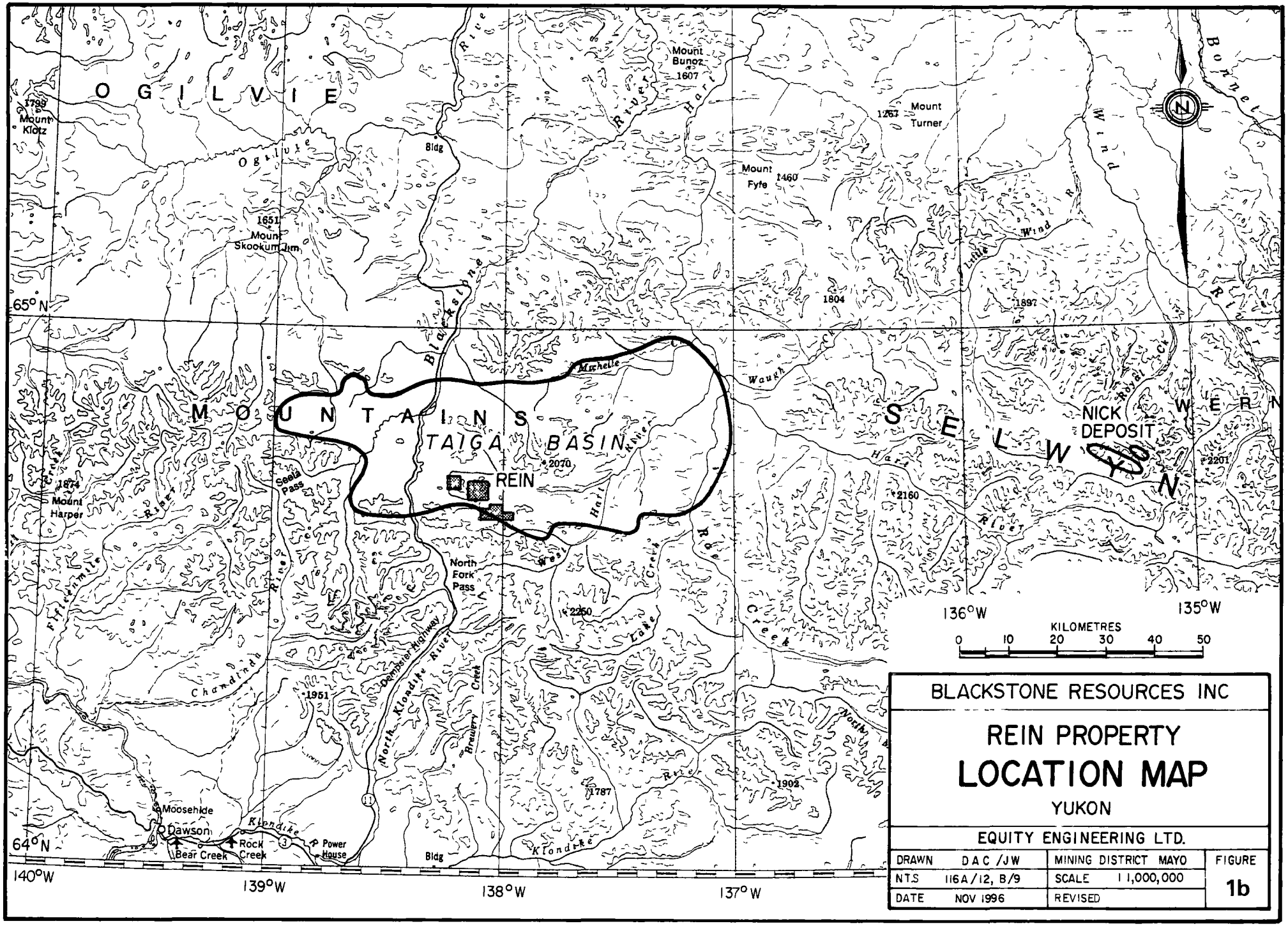
REIN PROPERTY

PROPERTY LOCATION MAP

YUKON

EQUITY ENGINEERING LTD

DRAWN	JW/DAC	MINING DISTRICT MAYO	FIGURE 1a
NTS	116A/12, B/9	SCALE 1:5,000,000	
DATE	NOV 1996	REVISED	

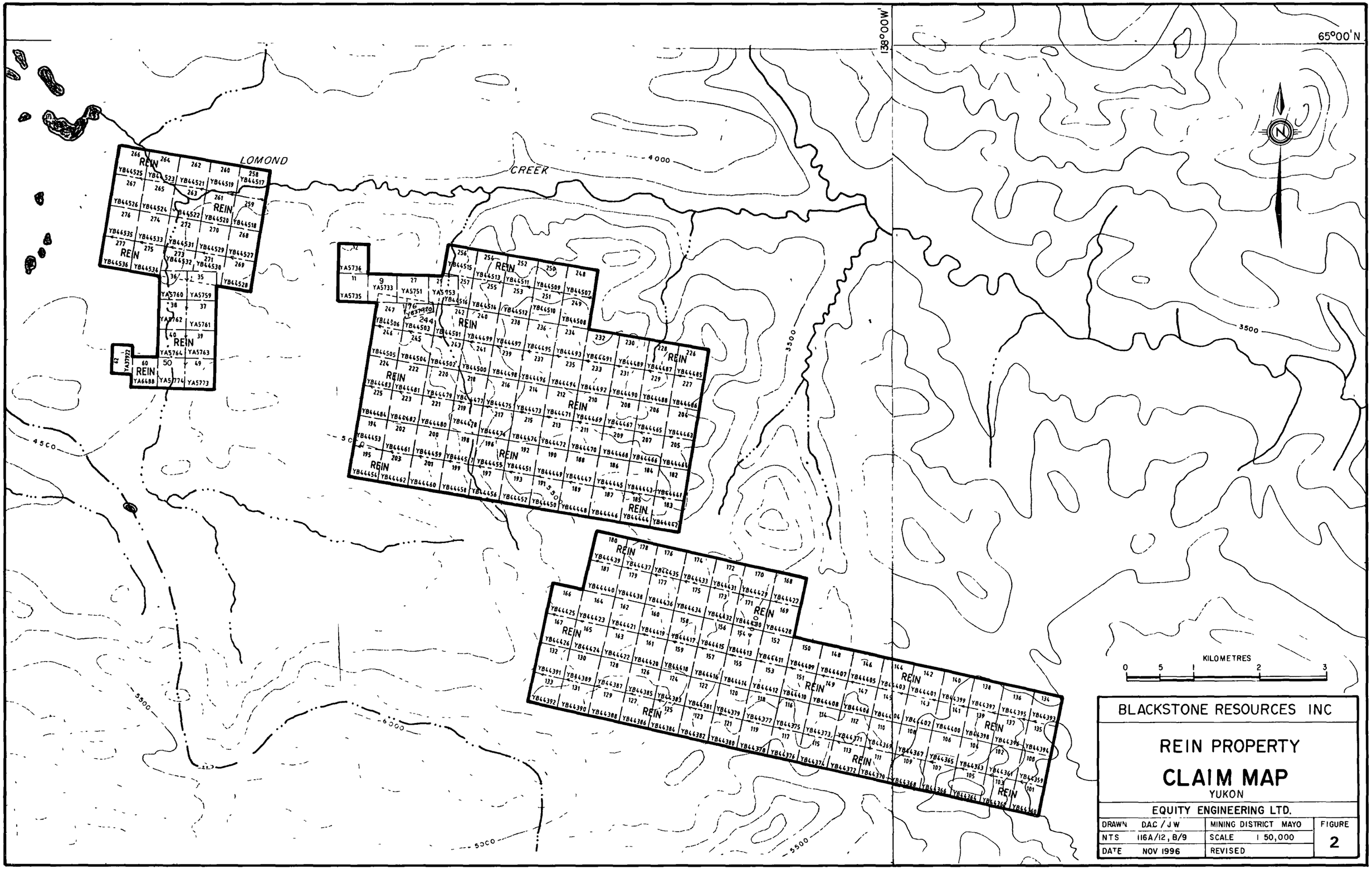


BLACKSTONE RESOURCES INC

REIN PROPERTY
LOCATION MAP
YUKON

EQUITY ENGINEERING LTD.

DRAWN	DAC /JW	MINING DISTRICT MAYO	FIGURE
NTS	116A/12, B/9	SCALE 1:1,000,000	1b
DATE	NOV 1996	REVISED	



LOMOND
CREEK
138°00'W
65°00'N
4000
3500
4500
5000
5500
6000
REIN
KILOMETRES
0 5 1 2 3
BLACKSTONE RESOURCES INC
REIN PROPERTY
CLAIM MAP
YUKON
EQUITY ENGINEERING LTD.
DRAWN DAC / JW
MINING DISTRICT MAYO
FIGURE
NTS 116A/12, B/9
SCALE 1 50,000
2
DATE NOV 1996
REVISED

and by age-equivalent strata 300 kilometres from the Chinese deposits

- **Bitumen:** Bitumen is a minor constituent of the Nick sulphide horizon and forms veins thought to represent feeders to the stratiform mineralization. Bitumen is described in only two of the Chinese deposits, but Coveney et al (1994) report 8-20% organic carbon for the Chinese sulphide beds
- **Silica:** The Chinese sulphide beds contain silty quartz grains, chert and siliceous sponge spicules, as well as quartz and quartz-barite veinlets Quartz stockworks are present in dolomite underlying one of the Chinese deposits; they may represent feeders for the mineralization

Massive Sulphide Beds

- **Metal Suite:** Nine samples from Nick sulphide mineralization averaged 5 3% nickel, 0 73% zinc, 0.24% molybdenum and 776 ppb total gold and PGE. Assay data is sketchy for the Chinese deposits, which are reported to contain 4-7% molybdenum with up to 7% nickel, 2% zinc and several hundred ppb gold and PGE.
- **Trace Elements:** Anomalous levels of rhenium, uranium, barium, selenium, arsenic (1900-4200 ppm), vanadium and phosphorous are present at the Nick deposit. The Chinese report up to 2.5% arsenic and 2700 ppm selenium in sulphide mineralization; up to 2% V_2O_5 is present in molybdenum-bearing black shales where the sulphide bed is absent.
- **Mineral Assemblage:** The Nick sulphide horizon consists of pyrite (46%), vaesite [NiS_2] (10%), melnikovite-type pyrite (2%), sphalerite-wurtzite (2%) in a gangue (39%) of phosphatic-carbonaceous chert, amorphous silica and intergrown bitumen (1%) In the Chinese deposits, the main nickel minerals are vaesite, polydymite, gersdorffite, millerite, violarite and nickelian pyrite. Molybdenum occurs in a non-crystalline sulphide or organic phase and two generations of pyrite are present
- **Textures:** The Chinese sulphide beds are finely laminated to pelletal (clastic) The sulphide pellets are intricately layered and commonly possess spongy interiors The Nick sulphide bed is formed of thin discontinuous convoluted laminae which have undergone soft-sediment deformation Framboidal pyrite is common
- **Thickness:** The Nick sulphide bed ranges from 0.4-10cm in thickness and averages 3cm The Chinese deposits are generally 2-15cm thick, with a maximum reported thickness of 35cm
- **Areal Extent:** The Nick sulphide bed has been traced around the circumference of two synclinal basins, and is inferred to extend over an area of 80 square kilometres. Although sulphide beds are present along a belt 1,600 kilometres long in China, they do not form a single continuous body, but are also confined to second or third order basins.
- **Number of Sulphide Beds:** A single sulphide bed is present at most of the Chinese deposits, but Coveney et al (1994) report the presence of up to three in some cases. The Nick deposit consists of a single sulphide bed, but a 26 mm pyritic layer, 17 metres above the Nick sulphide horizon, contained anomalous nickel, zinc, molybdenum and arsenic
- **Tonnage:** Coveney et al (1992) estimate one of the Chinese deposits to contain at least 72,000 tonnes, but "it is truncated on all sides by modern erosion, suggesting that the orebody was once much larger" For the Nick deposit, Hulbert et al (1992) estimate that "a minimum of 900,000 tonnes of Ni were deposited in the basin (based upon a bed thickness of 3cm)". This equates to 17 million tonnes at a grade of 5.3% Ni

Several genetic models have been proposed for these deposits including an extraterrestrial source where metals are seeded into the anoxic basins after a meteoritic impact and mass extinction (Goodfellow et al, 1996), and by Hulbert et al. (1992), who suggest the deposits are of sedimentary-diagenetic origin involving discharge of hot brines bearing organic-matter-bound metals from growth faults

3.0 LIST OF CLAIMS

The Rein property comprises three blocks of contiguous claims totalling 194 claims, located in the Mayo Mining District (Figure 2) All claims were tagged during the 1996 program Sixteen Rein claims, staked in 1976 and 1978, are owned 100% by Major General Resources Ltd. of Vancouver, British Columbia. Blackstone Resources Inc can purchase 75% of these claims by issuing 200,000 shares The 178 claims staked in 1995 are owned 100% by Blackstone but Major General Resources retains the right to back in for 25% of them. Claim data for the Rein property is summarized in Table 3.0 1

TABLE 3.0.1
CLAIM DATA

Claim Name	Grant Number	No. of Claims	Record Date	Expiry Date
Rein 9	YA05733	1	July 14, 1976	December, 31, 1997
Rein 11-12	YA05735-36	2	July 14, 1976	December, 31, 1997
Rein 27	YA05751	1	July 14, 1976	December, 31, 1997
Rein 29	YA 05753	1	July 14, 1976	December, 31, 1997
Rein 35-40	YA05759-64	6	July 14, 1976	December, 31, 2000*
Rein 49-50	YA05773-74	2	July 14, 1976	December, 31, 2000*
Rein 60	YA06488	1	August 27, 1976	December, 31, 2000*
Rein 62	YA37922	1	August 14, 1976	December, 31, 2000*
Rein 76	YA37920	1	August 14, 1976	December, 31, 1997
Rein 100-140	YB44359-99	41	May 10, 1995	December 31, 1999*
Rein 141	YB44400	1	May 10, 1995	August 10, 1997*
Rein 142-181	YB44401-40	40	May 10, 1995	December 31, 1999*
Rein 182-257	YB44441-516	76	May 10, 1995	December 31, 1998*
Rein 258-277	YB44517-36	20	May 10, 1995	December 31, 2001*
		194		

*Subject to approval of assessment work covered by this report.

4.0 LOCATION, ACCESS AND GEOGRAPHY

The Rein property is located in the Puddingstone Range of the Ogilvie Mountains of west central Yukon, centred 95 kilometres northeast of Dawson (Figures 1a and 1b) The area falls within the Mayo Mining District, centred at 64° 42' north latitude and 138° 05' west longitude.

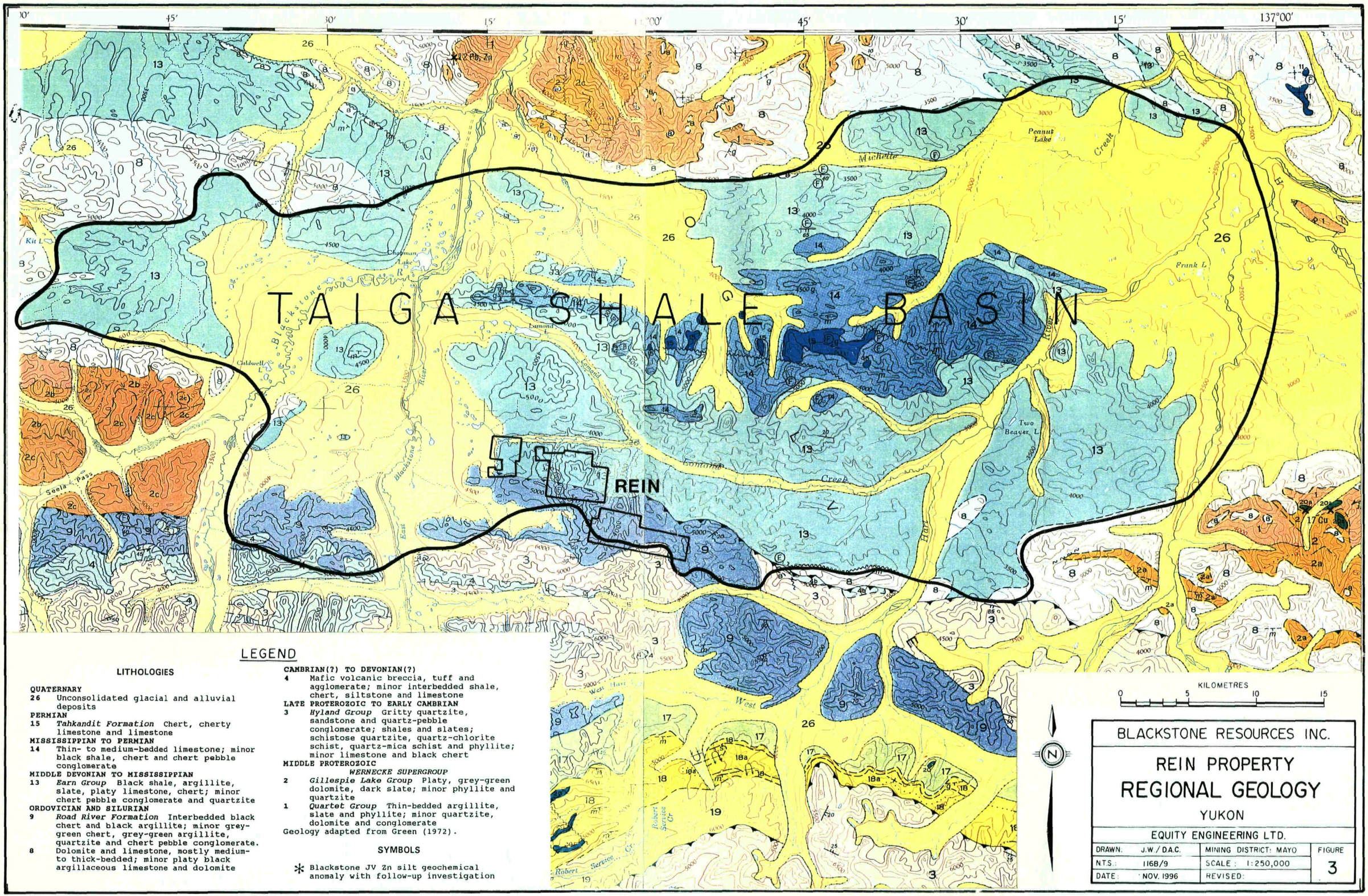
Topography in the area of the Rein property is gentle to moderate, with local areas of more rugged terrain. Elevations range from 1100 metres along a tributary of Lomond Creek to over 1800 metres on an unnamed peak south of the east claim block. The area is almost entirely above tree line, covered by alpine grasses and shrubs Rein claims lie 6 to 21 kilometres east of the Dempster Highway Outcrop exposure is variable depending on steepness of terrain; the tracing of lithological units may be accomplished by mapping felsenmeer exposures exposed along mountain ridge and spurs. Permafrost is developed in poorly drained north facing slopes and in valley bottoms covered by thick moss accumulations.

The area has a continental climate with low levels of precipitation and a wide temperature range. Summers are typically pleasant with long daylight hours whereas winters are long and may be extremely cold Most of the snow cover will have disappeared by the start of June and may return by the middle of September.

The 1996 exploration was conducted from four fly camps serviced by a TNTA helicopter out of Dawson. Mobilization and demobilization was carried out from a gravel pit along the Dempster Highway, near Two Moose Lake.

5.0 REGIONAL AND PROPERTY EXPLORATION HISTORY

The Rein property was staked as a result of a regional exploration program conducted by the Blackstone Joint Venture. The Blackstone Joint Venture was formed in 1975 by Union Miniere Explorations and Mining Corporation Limited (UMEX), the operator, and Shell Canada Resources Ltd., to explore 26,000 km^2 of the west-central Yukon (Figure 1b). In 1975 and 1976, UMEX carried out regional silt sampling from selected parts of the joint venture area. The 1975 work was targeted at sedimentary copper (Zambian Copperbelt-type), stratiform zinc-lead (Sullivan-type) and Mississippi Valley-type deposits within windows of Proterozoic sediments to the east and west of the Taiga Basin (Dyson, 1975). The emphasis in 1976 shifted to Paleozoic Road River and Earn Group strata, searching for shale-hosted zinc+lead+barite deposits similar to those being discovered elsewhere in the Selwyn Basin. UMEX collected 5,836 silt samples in 1976, mostly from the Taiga Basin, and analyzed them for copper, lead and zinc; every third sample was analyzed for uranium. Soil grids were established on the



LEGEND

LITHOLOGIES

QUATERNARY

26 Unconsolidated glacial and alluvial deposits

PERMIAN

15 *Tahkandit Formation* Chert, cherty limestone and limestone

MISSISSIPPIAN TO PERMIAN

14 Thin- to medium-bedded limestone; minor black shale, chert and chert pebble conglomerate

MIDDLE DEVONIAN TO MISSISSIPPIAN

13 *Earn Group* Black shale, argillite, slate, platy limestone, chert; minor chert pebble conglomerate and quartzite

ORDOVICIAN AND SILURIAN

9 *Road River Formation* Interbedded black chert and black argillite; minor grey-green chert, grey-green argillite, quartzite and chert pebble conglomerate.

8 Dolomite and limestone, mostly medium- to thick-bedded; minor platy black argillaceous limestone and dolomite

CAMBRIAN(?) TO DEVONIAN(?)

4 Mafic volcanic breccia, tuff and agglomerate; minor interbedded shale, chert, siltstone and limestone

LATE PROTEROZOIC TO EARLY CAMBRIAN

3 *Hyland Group* Gritty quartzite, sandstone and quartz-pebble conglomerate; shales and slates; schistose quartzite, quartz-chlorite schist, quartz-mica schist and phyllite; minor limestone and black chert

MIDDLE PROTEROZOIC

WERNECKE SUPERGROUP

2 *Gillespie Lake Group* Platy, grey-green dolomite, dark slate; minor phyllite and quartzite

1 *Quartet Group* Thin-bedded argillite, slate and phyllite; minor quartzite, dolomite and conglomerate

Geology adapted from Green (1972).

SYMBOLS

* Blackstone JV Zn silt geochemical anomaly with follow-up investigation

KILOMETRES 0 5 10 15

BLACKSTONE RESOURCES INC.

REIN PROPERTY
REGIONAL GEOLOGY

YUKON

EQUITY ENGINEERING LTD.

DRAWN: J.W. / D.A.C.	MINING DISTRICT: MAYO	FIGURE 3
N.T.S.: 116B/9	SCALE: 1:250,000	
DATE: NOV. 1996	REVISED:	

Rein and Shay claims, the new Rein claims cover a portion of the lapsed Shay claims. A total of 692 soil samples were collected at this time and analyzed for lead and zinc.

The 1977 Blackstone JV exploration within the Taiga Basin focused on the belt of zinc geochemistry and barite occurrences extending 23 kilometres east from the Rein to the Shay claims. UMEX took 3,848 soil samples from this belt, generally at 61 metre (200') intervals along lines 305 metres (1000') apart, identifying extensive zinc anomalies generally without correspondingly elevated lead values These claims were mapped at a scale of 1 16,000, and reconnaissance EM-16 and horizontal loop EM surveys were completed on the Rein claims No stratiform sphalerite or galena was found; the widespread stratabound hydrozincite was attributed to surface precipitation of zinc leached by groundwater from background concentrations in black shales (Burgoyne, 1977)

With the Taiga Basin's potential for sedimentary exhalative zinc-lead mineralization down-graded, UMEX's exploration emphasis shifted towards the Rein barite occurrences as a potential source for drilling mud. Initial studies on the grade and marketability of the barite were carried out in 1977 Following trenching and detailed sampling programs in 1978 (Burgoyne and Tolbert, 1978), the property was optioned to Milchem Incorporated of Houston, Texas In late 1979 and early 1980, Milchem did trenching, road building and percussion drilling (21 holes; 906m) on the barite showings In 1981, the barite showings were re-examined and sampled by Dome Petroleum Limited. No further work was recorded by the Blackstone Joint Venture Their Taiga Basin claim groups were all allowed to lapse except for 16 Rein claims.

The East Barite and part of the Cliff Barite showings, adjacent to the Rein claims, were staked by Getty Mining Pacific Limited in 1976 to cover zinc, copper and uranium stream sediment anomalies Getty performed soil and rock geochemical sampling in conjunction with geological mapping in 1976 and 1977. All their claims have lapsed.

The 16 Rein claims, UMEX's database and several thousand silt, soil and rock sample pulps from the Blackstone JV were purchased by Major General Resources Ltd. in 1989 Placer Dome acquired an option on the database and geochemically analyzed every third silt sample for gold and a suite of elements Placer Dome subsequently relinquished their option and returned the database to Major General

Blackstone Resources Inc optioned the Rein claims in 1994, acquiring the Blackstone JV database and pulps in return for a back-in right on new claims. Blackstone carried out one day's mapping and prospecting on the Rein property in July 1994, taking 30 rock samples and 9 soil samples One of the rock samples, taken from pyritic black shale, assayed 2.06% Ni with 454 ppm Mo, 35 ppb Au, 120 ppb Pt and 58 ppb Pd (TB Showing). The soil samples, taken along 2 5 kilometres of strike length below and above a baritic horizon, returned highly anomalous nickel, molybdenum and zinc values (Baknes, 1995)

Recognizing a common metal assemblage and strong similarities in mineral textures and stratigraphy to the Nick stratiform Ni-Zn-Au-PGE deposit located 100 kilometres to the east, Blackstone selected 2,195 soil and 62 rock pulps from UMEX's library for 32-element ICP analysis in early 1995 No analysis could be made for Pd-Pt values for these pulps due to a lack of sample material In May 1995, Blackstone staked an additional 178 Rein claims on the basis of strong Ni-Mo-Zn-As soil anomalies and UMEX's geological mapping

6.0 1996 EXPLORATION PROGRAM

The 1996 exploration program consisted of geological mapping, prospecting and soil sampling over a three week period in June and early July The objective of the mapping was to document host stratigraphy, examine controls for Ni-Zn-Au-PGE mineralization and to determine the relationship, if any, between this sulphide mineralization and the bedded barite deposits explored by UMEX and others Mapping was conducted and presented at 1 10,000 The soil geochemical grids were designed to trace potential mineralized zones at the TB Showing (TB Grid), the barite horizon at the RF Showing (RF Grid) and the area of the very anomalous 1994 soil samples (MM Grid). The former two areas were covered by UMEX's sampling, however, the sample pulps were not available for re-analysis in 1995 and therefore, only zinc and lead values were known for these areas Ridge and spur samples were conducted on the eastern claim block to provide Pt and Pd analyses and fill holes in the UMEX grid Ridge crests were selected for sampling to outline anomalies in areas with minimal soil dispersion

Soil samples were collected, where possible, from "B" and "C" horizon material at depths ranging from 5 to 30 cm and placed in labelled kraft envelopes The sample site was marked in the field by blue and orange flagging and tyvek tag, or by pickets in the case of the grid baselines. All grid lines were slope corrected; cross lines were hip chained, whereas the baseline was hard chained. Grid lines were oriented true north-south (using magnetic declination of 31° 30' east) on all grids and tied into a single co-ordinate system with crosslines spaced either 100 or 200 metres apart. Samples were collected at 25 metre spacing on crosslines and on ridge and spur lines; baseline samples were collected every 50 metres The sampler recorded notes pertaining to sample horizon, colour, texture, vegetation, and local physiography, including the presence of permafrost. Samples were partially air dried in camp and then shipped to Chemex Labs of North Vancouver, B.C for sample preparation and analysis. A complete set of results for gold, platinum, palladium and 32 elements by ICP geochemistry forms Appendix E. Overlimit samples for zinc were assayed

A total of 101 rock samples were collected during the course of the program. Field locations are marked by metal tag and a combination of pink and blue flagging. Samples were shipped to Chemex Labs for analysis for the same metal suite as the soil samples. Overlimit nickel, lead and zinc results were assayed. Rock sample descriptions, analytical procedures and complete results are included in the appendices of the report

7.0 REGIONAL GEOLOGY

Reconnaissance geological mapping of the Dawson and Larson Creek 1.250,000 map sheets (116A,B) was carried out by the Geological Survey of Canada from 1961 to 1966 (Green, 1972). The most recent government mapping was released in 1995 by R I Thompson and others of the Geological Survey of Canada (Open File 2849). Their work included mapping of twelve 1·50,000 sheets on 116A and 116B, including the Rein area on 116B/9. Their mapping shows very little detail in the Rein area and there are inconsistencies between fossil identification (Devonian dates) and the assignment of these rock units to Road River Group. Therefore, the earlier 1972 map was used as a base for Figure 3. Regional mapping by DIAND at 1 50,000 scale of map sheets 116A/10 and 116A/11 confirms Green's mapping, correlates his units to nomenclature used elsewhere in the Yukon and demonstrates much more complex imbricate thrust faulting than previously recognized (Abbott, 1993; Abbott and Roots, 1993a,b) In the western part of the map, there is a transition from the Mackenzie Platform shelf sequence to the north and off-shelf sediments of the Selwyn Basin to the south (Figure 3) The shelf sequence consists of Middle Proterozoic through Middle Paleozoic clastic, carbonate and volcanic rocks, the off-shelf sequence comprises Late Proterozoic to Middle Paleozoic clastic and volcanic rocks. In the Rein area, both the underlying Ordovician platformal carbonates and overlying off-shelf or basinal rocks clastics are preserved north of the Dawson Thrust, unconformably overlying Proterozoic strata to the north, east and west Cambrian strata were probably removed by erosion In both areas, the two assemblages are separated by the Dawson Fault, the most prominent of a series of northerly-directed thrusts produced by Mesozoic compression Thompson and Roots (1982) suggest that the Dawson Fault may have been a reactivated extensional fault, citing the abundance of Early to Middle Paleozoic mafic volcanics along it. The Taiga Shale Basin is a 30 x 90 kilometre, Ordovician to Mississippian clastic sub-basin of the Selwyn Basin, located within the shelf sequence and bounded to the south by the Dawson Fault

The oldest stratigraphic units in the region are Proterozoic Wernecke Supergroup shelf assemblage strata, consisting of dolomite-dominant lithologies (**Unit 2**) of the Gillespie Lake Group and siliciclastics (**Unit 1**) of the Quartet and Fairchild Lake groups. These units have been penetrated by specular hematite-bearing breccias hosting Cu-Co-Au mineralization, and cut by mafic sills and dykes Exposures of these rock types are found north, east and west of the Taiga Basin. The Wernecke Supergroup shelf strata are unconformably overlain by Late Proterozoic grits, limestone and shale of the Fifteenmile Group (included on Figure 3 within Units 1 and 2) Slivers of Late Proterozoic Windermere Group dolomitic diamictite and siliciclastics have also been included in Unit 2.

South of the Dawson Fault, **Unit 3** comprises Late Proterozoic and Early Cambrian grits, limestones and shales of the off-shelf Hyland Group. In the vicinity of the Taiga Basin, **Unit 4** contains mafic volcanic units of Cambrian to Ordovician (or possibly Devonian) age (Abbott, 1993)

North of the Dawson Fault, thick-bedded Ordovician to Silurian dolostone (**Unit 8**), locally with thin mafic tuff horizons, is regionally extensive and forms prominent outcrops It is conformably overlain by recessive, black, graptolitic shale and chert of the Ordovician-Silurian Road River Group (**Unit 9**) Portions of Unit 13 have also been re-mapped as Road River Group by Abbott (1993) The Road River

strata are similar on both sides of the Dawson Fault. blue-grey weathering, noncalcareous shales with thin beds of black to dark grey chert and argillaceous chert Further north in the Taiga Basin, the Road River is characterized by black calcareous shale. Mafic sills and volcanics are intercalated with, or overlie, the Road River Group shales near the Dawson Fault, they may be diachronous with the mafic sills in Unit 8, fifteen kilometres to the north (Abbott, 1992).

Recessive, poorly exposed, light brown to blue weathering chert, silver-blue siliceous shale, black shale, sandstone and minor chert grit (**Unit 13**) have been tentatively correlated to the Devono-Mississippian Earn Group by Abbott (1992) Near Lomond Lake, Unit 13 is capped by a laterally extensive band of chert pebble conglomerate The Earn Group is conformably overlain by 700 metres of Mississippian to Permian limestone with minor chert pebble conglomerate, chert, shale and quartzite (**Unit 14**), followed by thick-bedded limestone and chert of the Permian Tahkandit Formation (**Unit 15**)

8.0 PROPERTY GEOLOGY

8.1 Stratigraphy

Selected areas of the Rein property were mapped at a scale of 1:10,000 during the 1996 program (Figure 4 and 5). Previously, the Rein area was mapped at a scale of 1:12,000 by UMEX geologists in 1977 (Burgoyne, 1977) Their description and mapping of lithologies remains relatively consistent with the new mapping, however, the new interpretation includes assigning a greater portion of the stratigraphy to the Earn Group on the basis of fossil identification In addition, more south-verging thrust faults were mapped to explain the repetition of upright stratigraphy As noted in the regional geology, the Rein stratigraphy is divided into two assemblages separated by the Dawson Thrust· Upper Proterozoic and lower Cambrian Hyland Group sediments to the south and Ordovician to Devonian clastic rocks of the Road River and Earn groups to the north. Paleozoic stratigraphy is conformable and gradational, and members of DLEl and ORsh are very similar, therefore, the division between these groups is not well defined. Table 8 1.1 lists the map units, their descriptive elements and correlation to UMEX's and Green's (1972) map units

TABLE 8.1.1
STRATIGRAPHIC COLUMN

Middle to Upper Devonian

Lower Earn Group

DLEu (UMEX D-3, Green Unit 13) Upper member - chert, cherty argillite, chert pebble conglomerate, barite· red and yellow ochre stained, silvery grey outcrops

- chert and cherty argillite are thin to medium, wavy to planar bedded, distinctive thin shaley interbeds, may contain thin limy lenses
- pebble chert conglomerate caps upper member, forms black resistant outcrops, thick massive bedded with interbeds of light grey siltstone and sandstone

DLEba (UMEX C/D-3 contact) Barite horizon resistant light grey outcrops, bedded, up to 30 m thick, fetid, carbonaceous (up to 25% organic carbon) and calcareous, may contain spherical rosettes of barite at base of section, laminated at top, X-ray and thin section studies by UMEX indicate a mineralogy of barite, baritocalcite, calcite and carbonaceous matter

- the Ni-sulphide horizon correlates stratigraphically with this unit

DLEl (UMEX Cb-Cd, Green Unit 12) Lower member - argillite, calcareous shale and siltstone, limestone and chert. intensely fractured, weather dark grey-olive brown, may have ribbed weathered surface due to thin-bedded, rhythmic section of alternating calcareous and clastic units, an overall decrease in carbonate content up section, strong gypsum, calcite and hydrozincite coatings, abundant tentaculites, styliolina fossils noted by UMEX

- upper section is comprised of interbedded siliceous black shale and chert containing peculiar limestone and limey barite balls up to 1.0 m in diameter

Dmv (UMEX undesignated, Green Unit 20?) mafic volcanic, diorite: brown weathering, blocky fractured

- dark green, volcanic unit mapped north of the thrust at eastern end of eastern Rein claim block
- medium-grained, dark green gabbro to diorite outcrop noted east of Rein claims in 1995

TABLE 8.1.1 cont'd
STRATIGRAPHIC COLUMN

CONFORMABLE CONTACT

Ordovician to Silurian

Road River Group

ORsh (UMEX Ca, Green Unit 9) shale dark grey to black, papery thin to platy, calcareous and carbonaceous, exposed along the West Creek, contains graptolites

UNCONFORMABLE - DAWSON THRUST

Upper Proterozoic and Lower Cambrian

Hyland Group

PCHph (UMEX E, Green Unit 3) laminated phyllitic siltstone and shale: alternating light to medium grey with patchy rust stained exposures, foliated

PCHmv (UMEX undesignated, Green and Roddick Unit 20?) mafic volcanic: light brown weathering, blocky fractured, light green, fine- to medium-grained, amygdaloidal, pillowed, nonmagnetic, trace pyrite

- pseudo-concretions of argillite and limestone noted by UMEX

Units ORsh and DLEl do not outcrop well with exposures found along creek cuts and steeper slopes, the contrasting competencies of the lithologies comprising these members have fractured intensely during thrusting. Unit DLEu, being more siliceous, caps many of the ridges The chert-pebble conglomerate forms distinctive craggy hoodoos, examples of which are exposed at the top of the cirque at the eastern end of the Rein property Units DLEba, Dmv, PCHmv and PCHph are noted by their colouration or fracturing patterns. Unit PCHmv has been classified as part of the Hyland Group due to its apparent location within foliated sedimentary strata of this group. However, the close association of this unit with thrust structures and the lack of any structural fabric are unusual, perhaps suggesting that the volcanic unit may be younger It is the association of these mafic flows with the Dawson thrust which led Thompson and Roots (1982) to believe the Dawson Thrust is a re-activated rift structure

Detailed stratigraphic sections were not measured although some general observations can be made First, the proportion of chert pebble conglomerate in unit DLEu shows a general increase to the east The thickness of Unit DLEu, as determined by UMEX in the West Creek stratigraphic section (Figure 4), is approximately 90 metres Unit DLEba varies from centimetre scale laminations to 30 metres thick The thickest portions of bedded barite are found at the RF, MM, Ridge and Cliff showings and on the ridge line R-1 on the west side of the east claim block The thickness of units DLEu, ORsh and PCHph are not known as neither the tops or bottoms of these units were mapped

The difficulty in mapping on the Rein property is in differentiating the clastic and carbonate rocks of units ORsh, DLEl and DLEu. Table 8.1.2 lists the diagnostic features used to distinguish the three units during the 1996 program

TABLE 8.1.2
DIAGNOSTIC FEATURES OF UNITS ORsh, DLEl and DLEu

	ORsh	DLEl	DLEu
Weathering characteristics	Papery thin to platy, dark grey to black	Intensely fractured, dark grey to olive brown	Silvery grey with red and yellow ochrous staining
Presence of hydrozincite, gypsum, calcite coatings on fractures	Present	Abundant	Rare
Calcareous component	Yes	Yes, although decreasing in upper part of section	None observed
Chert pebble conglomerate	None observed	None observed	Yes
Fossils	Graptolites	Tentaculites, styliolina	None observed
Limestone or barite balls	None observed	Barite and limestone balls at top of section, UMEX noted calcareous concretions at bottom of section	None observed

8.2 Age Constraints

Fossil identification presented by Green (1972) and Thompson et al (1995) have shed light on the age of the lithologies on the Rein property which allows correlation to other parts of the Selwyn Basin stratigraphy and constraints on the age of the Ni-sulphide mineralization. Graptolite-and conodont-bearing strata of unit ORsh have returned Llanvirnian age (468-478 Ma), or Middle Ordovician, putting this unit within the Road River Group

Conodonts taken from a carbonate bed on the West Creek stratigraphic section (Figure 4) revealed an Eifelian age (380-387 Ma) or Middle Devonian This limestone bed was mapped approximately 10 metres above the contact of Unit Ca (or ORsh) and Cb (or DLEl) of the Tolbert stratigraphic section (UMEX) It is the presence of this fossil date which justifies placing of unit DLEl within lower Earn Group and not within the Road River Group as done previously by UMEX and Thompson et al.

Abundant tentaculites were found in unit DLEl, the presence of these fossils were noted by Green (1972) to be characteristic of his Unit 12 in the area of Royal Creek (106D - Nash Creek map-sheet). On the basis of tentaculites and other fossils, Green suggested a Late Silurian to Middle Devonian epoch for this unit, consistent with later workers It is interesting that Green's maps do not indicate the presence of Unit 12 in his mapping around the Rein property although the new fossil dates and the identification of tentaculite-bearing strata suggest that this unit occurs at the Rein as well Of note, Green maps Unit 12 as footwall stratigraphy to the Nick Ni-sulphide occurrence consistent to what is found at the Rein property.

The Eifelian age for unit DLEl constrains the lower limit for the age of Ni-sulphide and barite mineralization on the Rein property No fossils were identified for the hanging wall strata (DLEu) in the immediate area of the Rein property, however, fossils collected from the lower part of Unit 13 (or DLEu), 25 km north-northeast of the Rein property at Michelle Creek, provided a lower Middle Devonian age (Eifelian) (Green,1972) Therefore, the age of Rein Ni-sulphide mineralization is most likely Eifelian (380-387 Ma) Preliminary age determinations for conodonts extracted from limestone balls in the immediate footwall of the mineralization at the Nick property (Hulbert et al , 1992) suggests a Givetian-Frasnian (367-380 Ma) age, a somewhat younger age than that found at the Rein property Conodonts extracted from a Ni-sulphide bed on the Peel River are Eifelian in age (Goodfellow et al., 1996)

8.3 Structure

The Rein property is affected by a series of east-west trending, south-dipping, thrust faults (Figures 4 and 5). The southernmost of these, the Dawson Thrust Fault, juxtaposes Hyland Group strata against the Paleozoic Road River and Earn groups of the Taiga Basin. Smaller displacement

thrust faults to the north generally thrust incompetent units ORsh and DLEl over more competent unit DLEu. This has resulted in as many as ten repetitions of the favourable DLEl-DLEu stratigraphic contact on the Rein claims

The thrust faults are not well exposed; their presence was largely inferred from stratigraphic relations. Where observed, as on the eastern side of the east claim block they are marked by up to 30 metres of shearing and contorted folding grading outwards to relatively undisturbed rocks The thrust faults are accompanied by east-west trending open folds and north-south fractures. Although, there are a number of stratigraphic repeats, there is no evidence that the strata is overturned as a result of tight folding.

8.4 Mineralization

Four styles of mineralization have been identified on the Rein property:

1. Extensive hydrozincite coatings on units ORsh and DLEl.
2 Quartz-calcite-barite veining including quartz-sulvanite, barite-pyrite, quartz-tetrahedrite and quartz-calcite-sphalerite-galena veining.
3 Vaesite-pyrite stratiform massive sulphides
4. Bedded barite.

The Rein claims were originally staked by UMEX to cover extensive hydrozincite coatings on outcrops and talus of Unit DLEl and to a lesser extent, unit ORsh, assaying 0 1-0.4% Zn The intense fracturing (increased permeability) and calcareous component (buffering effect) of unit DLEl undoubtedly contributed to the strong precipitation of secondary zinc within this unit The source of the secondary zinc mineralization was never satisfactorily explained No sampling was conducted in this unit in 1996, previous sampling by UMEX showed large sections assay >1,000 ppm Zn; corresponding Pb values are very low. UMEX sample results from the West Creek stratigraphic section returned anomalous zinc for the entire 68 metre length of unit Cc (upper part of DLEl), with eleven of the fifteen samples containing >1000 ppm Zn with Pb results <10 ppm These sample pulps were re-analyzed in 1995, returning low Ni values (<200 ppm)as well

Quartz-calcite-barite veining, although found throughout property, is narrow and discontinuous. Quartz-sulvanite veining, the most abundant type encountered, is typically found in felsenmeer along ridge and spurs and is noted by a lime green weathering product, volborthite ($Cu_3(VO_4)_2 \cdot 3H_2O$). Sulvanite (Cu_3VS_4) forms cubic grains and is a silvery grey colour. Sphalerite-galena veining was only found in one location on the east side of the TB grid. A grab sample from this occurrence, 44368, assayed 1 40% Pb and 4.22%Zn This is only area from the soil surveys which returned a number of anomalous Pb geochemical values On the east claim block, quartz-tetrahedrite-vein float, marked by azurite, was found on soil line R7 but was not sampled.

In 1994, prospecting sample 596656 was taken from a thin bed of sulphide-bearing shale (TB Showing) in an outcrop 50 metres long and up to ten metres high, near the northwest end of the Rein property (Figure 4). It assayed 2.06% Ni and 5.52% organic C along with 454 ppm Mo, >10,000 ppm P, 35 ppb Au, 120 ppb Pt and 58 ppb Pd A polished section and SEM analysis from this sample (Awmack 1995) showed bands and clumps of disseminated spheroids and framboids composed of low-Ni pyrite. Fine-grained vaesite (NiS_2) forms intimate intergrowths with the pyrite, mantling and interstitially cementing the pyrite spheroids and locally forming concentric zones within them. Bitumen forms fragmented bands up to 0.5mm wide and minute disseminated flecks with the sulphides. The SEM shows apatite to be present in the shaley matrix.

An attempt was made in May 1995 to re-sample this mineralization Its exact location was snow-covered, but two series of chip samples were taken across stratigraphy within the same outcrop. The results of this chip sampling were unexpected. Sample 4557, now shown to represent the same bed as 1994's nickel-bearing sample, contained syngenetic pyrite accompanied by >10,000 ppm Ba and P, but only 45 ppm Ni and no significant precious metals One of the hanging wall samples (#4553), without visible sulphides, contained 300 ppb PGE across 1 29 metres However, sample 4554, taken across the same strata as 4553 but 1 5 metres to the east, contained only 5 ppb Pt and 4 ppb Pd

In 1996, the discovery sample site was found and re-sampled over its 45 cm width, returning 84 ppb Au, 340 ppb Pt, 160 ppb Pd, 2330 ppm As, 853 ppm Mo, 3 58% Ni, >10,000 P and 202 ppm Zn (#44365) The lens reaches a maximum thickness of 45 cm but pinches over 1.5 m. This stratigraphic layer is the same as the pyritic and baritic layer sampled in 1995 (#4557), suggesting a genetic link

between barite and Ni mineralization despite the low metal values in sample 4557 As discussed in Stratigraphy (Section 8.1), a distinctive limestone ball member occurs in the immediate footwall to the mineralization. The complications noted in this outcrop exposure in regards to variable metal values at seemingly similar stratigraphic levels and the pinch out of units are likely caused by a thrust fault mapped through the upper part of the outcrop.

TABLE 8.4.1
NI-SULPHIDE MINERALIZATION - TB AND DM SHOWINGS

Sample	Width (cm)	Au (ppb)	Pt (ppb)	Pd (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	P (ppm)	Zn (ppm)
596656[1]	50	35	120	58	7.8	n/a	589	454	2 06%	>1.0%	254
44365[1]	45	84	340	160	14 8	2330	301	853	3.58%	9400	202
4557[1]	10	<2	<5	4	1 2	144	88	38	45	>1.0%	68
3904[2]	6	100	560	244	20.2	2770	127	1635	5.21%	260	136

[1]-TB Showing
[2]-DM Showing

A new occurrence (DM Showing) of Ni-sulphide mineralization was found 450 metres south of the TB Showing on the east bank of West Creek (Figure 4). The Ni sulphide horizon reaches a thickness of 6 0 cm, with geochemical values of 100 ppb Au, 560 ppb Pt, 244 ppb Pd, 2770 ppm As, 1635 ppm Mo, >10,000 P, 136 ppm Zn and 5.21% Ni assay. At this showing and other occurrences on the Rein property, the presence of nickel is marked by green annabergite ($Ni_3(AsO_4)$ $8H_2O$), or nickel bloom.

Further Ni-sulphide mineralization was discovered on the MM grid in two different structural panels. In the upper panel at the east end of the grid (#44381-383) and the outcroppings in the lower panel (#44393, #44394), the Ni occurrences are very similar to those at the TB and DM showings, though metal values were lower overall At both locations, the zone has been strongly weathered and no sulphides were seen which may account for the lower values Through the central part of the grid, a rusty layer spotted with annabergite, occurs at the lower contact of the barite bed with a calcareous shale exhibiting limestone and barite balls This horizon was sampled at four different locations (#44385, #44388, #44390, #44391). Elevated gold, PGE's, Ni, Mo, As and Zn occurs at each sample site. The elevated zinc at all of the MM grid occurrences distinguishes these from the low zinc values at the TB and DM showings There may be a second Ni-bearing horizon above the barite, as limestone balls and anomalous soil geochemistry occur up slope from the barite bed

TABLE 8.4.2
NI-SULPHIDE MINERALIZATION - MM GRID

Sample	Width (cm)	Au (ppb)	Pt (ppb)	Pd (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	P (ppm)	Zn (ppm)
44381[1a]	60	10	35	22	2.2	342	91	307	2510	4210	1620
44382[1b]	30	20	95	52	4 8	658	137	819	5410	3940	2210
44383[1c]	80	<4	<10	4	0 4	30	31	64	394	330	866
44393[2]	45	8	<10	8	2.2	82	84	244	164	2080	102
44394[2]	35	4	10	12	1 8	60	147	99	65	4280	70
44385[3]	15	24	40	20	3 4	452	162	262	3590	1880	1635
44388[3]	30	4	10	4	1.6	26	113	43	449	1130	944
44390[3]	9	16	40	24	3 8	420	149	403	4450	4350	702
44391[3]	50	4	<10	4	1.6	44	94	87	753	500	5770

[1a,b,c]-Upper structural panel; [(a)]hanging wall, [(b)]Ni-sulphide zone, [(c)]footwall samples
[2]-Lower structural panel, Ni-sulphide zone
[3]-Upper structural panel; Ni-sulphide zone associated with bedded barite

A second nickel-bearing rock sample (RF Showing) was collected in 1994, from a black, barite-rich pod near the northeast end of the West Creek Barite Showing Sample 596760 contained 1615 ppm Ni with 49 0% Ba, 2764 ppm Zn and 138 ppm Mo (Figure 4) Re-analysis of baritic samples taken by UMEX from eleven trenches across the West Creek and Ridge barite showings all showed generally low nickel values (5-50 ppm). The exception, a trench near 596760 grading 17.7% Ba across 90 cm, returned 257-474 ppm Ni, it was also the only one with significant zinc (752-1700 ppm Zn). Lead values

are extremely low for all the barite trenches, generally below detection limit. In 1996, a series of stratigraphic samples (#44370-374) taken through the baritic section, north of sample 596760, contained weakly anomalous Ni suite metals from a barite bed and a rusty layer up section from it This presence of two nickel-bearing horizons supports the proposition that two nickel-bearing horizons occur in the upper structural panel at the MM grid. At the RF Showing, the upper nickel-bearing horizon contains 1.0 to 2.0 cm limestone nodules; these nodules were found along the target horizon at the TB and DM showings

TABLE 8.4.3
NI-SULPHIDE MINERALIZATION - RF SHOWING

Sample	Width (cm)	Au (ppb)	Pt (ppb)	Pd (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	P (ppm)	Zn (ppm)
596760[1]	10	<5	10	6	0 4	n/a	41	138	1615	960	2760
44371[2a]	140	<4	<10	<4	0 2	18	30	38	58	700	64
44370[2b]	30	8	30	12	2 2	142	218	220	333	3200	472
44372[2c]	320	<4	<10	<4	0 2	18	72	67	75	550	104
44373[2d]	90	<4	20	8	1 4	170	142	206	274	1260	438
44374[2e]	110	<4	<10	<4	0 2	26	80	63	74	770	74

[1]-1994 sample, contains 49.0% Ba
[2a-2e]-Consecutive stratigraphic samples from top to bottom, [(2b)]upper rusty zone, [(2d)] barite horizon

A few other samples have returned anomalous nickel values (Table 8.4.4) Details of the cause of mineralization are not known and these sample locations will have to be re-examined. Undoubtedly, some of these samples are related to the nickel mineralization described above, in particular, samples #3803, #3892, #10279 and #10283 Of interesting note, an unmineralized sample (#44396) of amygdaloidal andesite, taken just south of the Dawson Thrust contains an anomalous concentration of nickel (422 ppm), suggesting a genetic link to the Ni-sulphide mineralization

TABLE 8.4.4
OTHER SIGNIFICANT NI SAMPLE RESULTS

Sample	Width (cm)	Au (ppb)	Pt (ppb)	Pd (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	P (ppm)	Zn (ppm)
3803	50	10	<5	4	1.0	36	463	105	365	950	3310
3856	select	<4	<10	4	0 8	300	185	14	2990	3120	9130
3857	select	<4	<10	<4	<0.2	10	32	8	2320	2700	1 42%
3858	select	<4	<10	<4	0.6	16	201	9	459	1230	6360
3892	5	2	<5	2	<0.2	72	270	233	1140	770	4690
10279	10	8	10	10	1 8	58	167	53	758	1360	510
10283	10	<2	<5	6	0 2	10	427	8	359	349	4340
44396		<2	<5	2	<0.2	48	93	<1	422	650	80

Fine-grained, disseminated and framboidal pyrite was noted in concentrations up to 7% in the lower part of unit DLEu, not far above where the Ni-sulphide layer should occur To date, sampling failed to return anomalous Ni, Mo or PGE values (#44369, #44375, #3901). One sample (#3868), taken within unit DLEu, did return weakly anomalous PGE's (8 ppb Au, 5 ppb Pt, 14 ppb Pd) with no corresponding enrichment in Ni, Mo, and Zn, although As (164 ppm) and P (>10,000) are elevated

Significant deposits of bedded barite (DLEu) have been found at the West Creek, Cliff, Ridge and MM showings The former three were examined by UMEX for their potential as a drilling mud additive, having a >4 2 specific gravity and a low hardness.

9.0 SOIL GEOCHEMISTRY

Three generations of soil geochemical data existed for the Rein area, prior to 1996. UMEX collected 4,540 soil samples from their Rein, Shay and Shyne grids in 1976 and 1977, analyzing all of them for lead and zinc, and the Rein ones for barium as well Based upon their zinc geochemical anomalies and availability (the 1976 Rein sample pulps were not available), 2,195 of these pulps were selected in 1995 and re-analyzed by ICP for 32 elements There was insufficient material to analyze the

UMEX pulps for Au, Pt and Pd. In 1994, nine reconnaissance soil samples were taken in the vicinity of the bedded barite (DLEba) and analyzed for Au, Pt, Pd and 24-element ICP (which does not include As). Figures 6a,b - 10a,b show Ni, Mo, As, Pd and Zn results for all samples, illustrating the 80th ,90th and 95th percentile contours for each element using the 1994, 1995 and 1996 analyses(Table 9.0.1). Figure 11 outlines an area of anomalous Pb, Zn and Ag geochemistry on the TB grid and Figure 12 is a compilation of the >80th percentile for Ni, Mo, As, Pd, Zn The contours were computer-generated by gridding the data to 25 metre cells and applying an inverse distance algorithm to this data.

TABLE 9.0.1
SOIL GEOCHEMISTRY PERCENTILES

	Ni (ppm)	Mo (ppm)	As (ppm)	Pd (ppb)	Zn (ppm)	Pb (ppm)	Ag (ppm)
50th Percentile	54	8	14	4	174	12	0 8
80th Percentile	190	47	38	10	860	18	2.2
90th Percentile	380	89	60	14	2220	24	3 8
95th Percentile	549	125	82	20	4350	32	5 8
98th Percentile	763	172	118	30	8090	66	8 6
99th Percentile	926	203	150	36	10000	132	12 0
Maximum Value	1855	963	338	48	36200	5850	27.2
N=	3166	3166	3156	1074	3166	3166	3166

Soil values for Ni, Mo, As, Pd and Zn correlate well with each other. Palladium was selected for plotting from the Au, Pt and Pd suite, as its geochemical signature was more erratic, likely reflecting a greater geochemical mobility than Au or Pt In general, there is a strong correlation between all three elements. The coincidence of Ni and Zn anomalies is due to their similar geochemical behaviour; both are mobile in acidic environments and are immobile, and precipitated, in an alkaline environment The precipitation in an alkaline environment would explain the presence of these anomalies in areas underlain by calcareous lithologies (i.e DLEl and ORsh). Although these two elements correlate well in soils, the rock samples of Ni-sulphide zone has low Zn values In addition, the Ni-sulphide mineralization shows a close association of As with Pt, Pd and Au. Lead and zinc values are essentially unrelated as a result of the overall low Pb values throughout the survey area. The strength of all geochemical values indicates a long period of weathering and secondary enrichment uninterrupted by glaciation This is also manifested in the strong and extensive hydrozincite and perhaps, by analogy, secondary nickel (?) precipitation on fractures of units DLEl and ORsh

Highly anomalous Ni, Mo, Zn As and Pd geochemistry is closely related to stratigraphic contacts between the lower (DLEl) and upper (DLEu) members of the Lower Earn Group; this same stratigraphic contact hosts barite and Ni-sulphide mineralization Lower metal values are associated with soils underlain by lithologies of the Hyland Group and unit DLEu Anomalous Ni soil values occur with some of the mafic volcanic/intrusive outcrops

TB Grid

The strongest Ni-Mo-As-Pd+/-Zn response on this grid overlies the TB showing and its projected strike to the east, on the north end of lines 5200E and 5400E The anomaly does not carry on to the west as the favourable stratigraphy wraps back around to the east

The east end of the grid has unusually high Pb values (up to 5850 ppm) with correspondingly high Mo, Zn, As and Ag values (Figure 11) In 1996, a calcite vein with sphalerite and galena was found in this area, but it is unlikely that this narrow vein is the sole cause of this anomaly and more significant mineralization has yet to be discovered SEDEX Pb-Zn mineralization remains a possible explanation for this anomaly The west end of the grid has low values overall which is effected by the extensive permafrost in this area

RF Grid

Metal values in soils are low throughout the RF grid This is not unexpected as most of the grid is underlain by unit DLEu and permafrost is prevalent on the gentle, thick moss covered slopes.

MM Grid

The most striking and consistent soil anomaly for the Rein property extends over the entire 1800 metre length of the MM grid, following the twice, thrust-repeated contact between DLEl and DLEu. The anomaly remains open to the northeast and anomalous 1994 reconnaissance samples indicate that this anomaly extends at least another 1000 metres to the west. Therefore, the newly discovered Ni-sulphide mineralization on this grid likely extends over this same strike length. Although most of this anomaly lies down slope of the upper DLEl-DLEu(-DLEba) contact, two of the anomalous 1994 samples (94MMS-24, 25) were flagged, and presumably collected, up slope from the bedded barite As noted in the subsection on Mineralization above, another zone of Ni-sulphide mineralization is suspected to occur up slope from the barite horizon

Shyne and Shay Grids, R1-R9

The addition of R1-R9 ridge and spur samples show that a Ni-Mo-As-Pd-Zn soil anomaly covers the entire length of the Rein 100-181 claim group, a distance of over 6,000 metres Thrust faults truncate this mineralization on both ends Other thrust faults have repeated the favourable contact and hence, broaden the overall shape of the anomaly. The geochemical signature in areas of overlap between R1-R9 and the UMEX grids, excluding R3 which lies between the Shay and Shyne grids, matches reasonably well. Although the samples were collected at different times, the older pulps were re-analyzed by similar methods and at the same lab as the 1996 ones The smaller sample spacing on the 1996 samples and their location along ridges, where dilution from unmineralized lithologies is expected to be minimal, resulted in higher metal values for the 1996 samples. The target horizon is poorly exposed throughout this claim group and to date, no definitive Ni-sulphide beds have been sampled, however, nickel-bearing rock samples, collected between lines R4 and R9, may explain, by projection, the anomalous soils on both lines.

The two strong coincident Ni-Mo-Zn-As soil geochemical anomalies (note: no Pd values for these UMEX samples) on the Rein 182-257 claim group trace out a DLEl-DLEu stratigraphic contact for 1,000 and 700 metres, respectively, on the northern part of the Shyne grid The poor metal response stretching from these two areas to the eastern claim block is consistent with the lack of favourable stratigraphy for the remainder of the Shyne grid.

10.0 DISCUSSION AND RECOMMENDATIONS

The Rein property exhibit strong similarities to stratiform Ni-Mo-Zn-Au-PGE massive sulphide deposits in southern China and 100 kilometres to the east at the Nick property. Like the sub-basins hosting the other deposits, the Taiga Basin is formed of Early Paleozoic shales and argillites deposited near the transition between shelf and off-shelf sedimentary sequences Like the Nick in particular, the Taiga Basin is a sub-basin located north of the main Selwyn Basin within the Mackenzie Platform, underlain and overlain by shallow-water carbonates The Nick and southern China stratiform Ni-Mo-Zn-Au-PGE massive sulphide deposits contain large tonnages of high-grade mineralization, the Nick is estimated by Hulbert et al (1992) to contain a minimum of 17 million tonnes @ 5 3% nickel, albeit, with a thickness of 2 to 7 centimetres over areal extent of 80 km^2.

Excellent examples of bedded Ni-sulphide mineralization have been found at the TB and DM showings on the Rein property and perhaps, weathered-out versions have been located at the RF showing and in the upper and lower structural panels on the MM grid. The Ni-sulphide mineralization is composed of vaesite (NiS_2) intimately intergrown with pyritic framboids and spheroids and accompanied by bitumen and apatite; it exhibits similar textures, mineralogy and metal suite to the Chinese and Nick deposits Their distinctive metal suite comprises elements not commonly found together: nickel, molybdenum, zinc, gold, platinum group metals, arsenic and vanadium Phosphate (apatite), barite and organic carbon (bitumen) are important non-metallic constituents of each deposit

The Ni-sulphide mineralization oxidizes readily and therefore does not outcrop very well Therefore, one must rely on the strong coincident Ni-Mo-As-Pd-Zn soil geochemical anomalies which follow several of the stratigraphic contacts between the lower (DLEl) and upper (DLEu) members of the Lower Earn Group, including a 6,000 metre Ni-Mo-As-Pd-Zn anomaly on the Rein 100-181 and a 1800 metre long anomaly on the MM grid (Figure 12) The former is truncated by thrust faults whereas the latter is open to the west and northeast

There are many similarities, including host stratigraphy and metal assemblages, between the Ni-sulphide mineralization on the Rein property and that at the Nick However, there are differences between the two and it is proposed that some of these differences may have a profound effect on the potential of each area to host thicker Ni-sulphide beds

- Both deposits are hosted in Middle Devonian, Lower Earn Group stratigraphy above a characteristic limestone ball member. Besides slight variations in thickness of stratigraphic units, the presence of thick accumulations of bedded barite at the same stratigraphic level as the Ni-sulphide layer exists only at the Rein. Barium is slightly enriched (max.value=4900 ppm) in the nickeliferous massive sulphide at the Nick, although, no occurrences of barite are noted The thicker barite may indicate a longer-lived or stronger exhalative system around the time of nickel deposition on the Rein property than was present at the Nick In addition, the thickening and thinning of this barite suggests that topographic depressions were present at time of barite (and Ni-sulphide) deposition and there is no reason why thickened sections of Ni-sulphide mineralization do not occur. Other units including hanging wall and footwall strata have a remarkable similarity between the two areas
- To date, two nickel-bearing horizons have been found at the Rein as opposed to a single layer at the Nick On the Rein property, nickel-bearing strata occurs at the base of the barite and several metres up section from it In addition, PGE-elevated hanging wall strata has been located at the Rein at two different locations. Small (1-1.5 cm) limestone balls, sometimes containing radiating pyrite, occur at the same stratigraphic level as the Ni-sulphide mineralization at the RF, DM and TB showings No mention of these latter two features is recorded at the Nick
- Diorite sills and mafic amgydaloidal volcanic units are associated with thrust faults on the Rein. It was the lack of a mafic igneous source at the Nick which invoked Hulbert et al (1992) to propose a novel interpretation to explain the high concentrations of Ni and Pt in the mineralization. The nickel-bearing mafic volcanics at the Rein is evidence that some of the apparent thrust faults were re-activated rifts, an important structural element of exhalative deposits, providing conduits for hydrothermal fluids, forming basins for deposition and providing a metal source.
- The maximum thickness of the Ni-sulphide mineralization at the Rein is 45 centimetres; the Nick horizon reaches a thickness of 10 centimetres, although it typically varies from 2-7 centimetres In both cases, the change in thickness is thought to be depositional, however, the thickest section of mineralization at the Rein, the TB Showing, is located in the lower plate of a thrust fault
- Bitumen veins occur in the Road River Group at the Nick In order of abundance, sulvanite-, sphalerite/galena-, tetrahedrite- and pyrite-bearing veins are found at the Rein in footwall stratigraphy to the Ni-sulphide.
- The Nick mineralization is Givetian-Frasnian (367-380 Ma) in age; the Rein is Eifelian (380-387 Ma)
- By comparison, the Ni-sulphide mineralization at the Nick contains greater Zn and Mo whereas the Rein has higher Ag and C_{org}

TABLE 10.0.1
AVERAGE METAL VALUES - NICK AND REIN PROPERTIES

	Au (ppb)	Pt (ppb)	Pd (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Pb (ppm)	Mo (ppm)	Ni (%)	Zn (ppm)	C_{org} (%)
Nick[1]	86	410	214	4	3027	322	82	2400	5 30	7300	1 9
Rein[2]	73	340	154	14 3	2550	339	70	981	3 61	197	5 52

[1] Hulbert et al. (1992)
[2] Average of samples #596656,#44365 and #3904

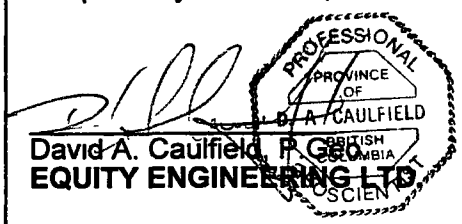
The understanding of stratiform Ni-Mo-Zn-Au-PGE deposits is in its infancy, the probability of discovering economic thicknesses of sulphides within the Taiga Basin is an open question answerable only through exploration. Extensive, strong, coincident Ni-Mo-As-Pd-Zn soil geochemical anomalies will focus future exploration on the most prospective portions of the favourable DLEl-DLEu contact on the Rein property The exploration target is worthy of considerable effort. a large-tonnage, high-grade nickel deposit with gold, molybdenum, zinc and platinum group credits

The other target, which originally attracted UMEX into the Taiga Basin, is the potential of the basin to host sedimentary exhalative (SEDEX) Pb-Zn deposits The overall lack of lead soil and stream sediment anomalies in the Rein area was not considered very favourable in the search for SEDEX deposits, however, one area on the east side of TB grid returned highly anomalous Pb, Zn and Ag soil geochemistry One narrow sphalerite-galena vein has been found in this area, it is not expected that this type of veining is the source of the anomaly Stratiform Pb-Zn deposits elsewhere in Selwyn Basin

occur within both the Ordovician-Silurian Road River Group (Howards Pass) and the Devonian-Mississippian Earn Group (Macmillan Pass, Kechika Trough). It has been shown that under weakly alkaline conditions (up to pH=7.5), such as those draining unit ORsh and DLEl, Zn is dispersed in solution and Pb is not (Goodfellow, 1989). Therefore, stream sediment anomalies, and by extension soil anomalies, developed under these conditions are Zn-rich and Pb-poor. Lead stream and soil anomalies only result when the deposit is exposed to physical erosion In groundwaters percolating through fractured calcareous units the pH increases above 7.5 and Zn precipitates as secondary carbonate, thus explaining the widespread hydrozincite development and soil anomalies The lead soil geochemical anomalies in this area of the TB grid indicate the possibility of outcropping Pb-Zn SEDEX mineralization, a possibility deserving further investigation.

Work to date fully justifies further exploration on the Rein property In regards to the Ni-sulphide target, it is recommended that the MM and TB grids be expanded to soil sample extensions of the favourable stratigraphic contact and close off the open ended soil anomalies. These grid extensions should be mapped. Every effort should be made to expose areas with strong Ni, Mo, As, Pd and Zn soil anomalies where the favourable stratigraphy has been defined by mapping. Depending on local site conditions, this may be accomplished by hand trenching but more likely, will require the use of a helicopter-portable backhoe. In both scenarios, blasting may be required to exposed fresh material for sampling Alternatively, a small, helicopter-portable drill capable of drilling holes up to 50 metres may be utilized The drill option will certainly be more successful in sampling the Ni-sulphide horizons and will provide additional stratigraphic information It will only be after a number of intersections that one will be able to determine if the Ni-sulphide horizons will achieve economic thickness, or provide encouragement to continue testing the vast extent of favourable geology and soil/silt geochemistry. In addition, the source of the anomalous Pb-Zn-Ag soil geochemistry on the TB grid should be determined by detailed prospecting and rock sampling.

Respectfully submitted,



David A. Caulfield, P.Geo.
EQUITY ENGINEERING LTD.

Vancouver, British Columbia
January, 1997

APPENDIX A

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BIBLIOGRAPHY

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APPENDIX B

LIST OF PERSONNEL

LIST OF PERSONNEL

David A. Caulfield (Project Geologist)
207, 675 West Hastings Street
Vancouver, B.C.
V6B 1N2

Dirk Moraal (Prospector)
207, 675 West Hastings Street
Vancouver, B C.
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Tim Sullivan (Sampler)
207, 675 West Hastings Street
Vancouver, B.C.
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Warren Cole (Sampler)
207, 675 West Hastings Street
Vancouver, B C.
V6B 1N2

APPENDIX C

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES
REIN PROPERTY
June 18 - July 6, 1996

CANADA) In the matter of an evaluation program on the Rein property

I, David A Caulfield for Equity Engineering Ltd., 207, 675 West Hastings Street, Vancouver, B C do solemnly declare that a program consisting of geochemical sampling, geological mapping, and prospecting was carried out on the Rein 35-40,49,50,60,62 and 100-277Mineral Claims between June 18 and July 6, 1996. The following expenses were incurred during the course of this work and in the compilation and reporting of the results·

PROFESSIONAL FEES AND WAGES:		
David A Caulfield, P Geo		
21 0 days @ $425/day	$ 8,925 00	
Dirk Moraal, Prospector		
16 5 days @ $300/day	4,950 00	
Warren Cole, Sampler		
19 days @ $225/day	4,275 00	
Tim Sullivan, Sampler		
18 5 days @ $225/day	4,162 50	
Clerical		
11 0 hours @ $25/hour	275 00	22,587.50
EQUIPMENT RENTAL: (Equity Engineering Ltd)		
4x4 Crew Cab		
2 5 days @ $80/day	$ 200 00	
4x4 Crew Cab (standby)		
16 days @ $30/day	480 00	
Handheld Radios		
65 mandays @ $5/day	325 00	
1kVA Generator		
16 days @ $10/day	160.00	
Fly Camp		
63 mandays @ $25/day	1,575 00	2,740.00
EXPENSES:		
Accommodation	$ 282 00	
Airfare	954 23	
Automotive Fuel	309 32	
Bulk Fuel	196 08	
Camp Food	1,628.33	
Chemical Analyses	22,040 74	
Courier & Fax charges	93 15	
Expediting	1,318.75	
Freight	1,502 59	
Helicopter Charters	7,602.40	
Meals	307 52	
Materials and Supplies	1,830 18	
Printing and Reproductions	328 97	
Radio Rental	445 12	
Safety Supplies	9 47	
Taxi and Airporters	51.97	
Telephone Distance Charges	259 34	
Tolls and Airport Taxes	4 67	39,164.83

MANAGEMENT FEES:

15% on expenses		5,874 72
REPORT: (estimated)		6,500 00
	Subtotal:	$ 76,867.05
GST:		5,380.69
	Total	**82,247.74**

Note:

1 Expenditures applied to the Rein 35-40, 49-50, 60 and 62 are for physical work only and do not include analytical or report costs
2 Assay charges are based on actual number of samples taken on each claim
3 All other expenses are prorated by sample cost.

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act

Declared before me at Vancouver in the Province of British Columbia this 24th day of January, 1997

David A Caulfield

Notary Public for the Province of British Columbia

IAN J. TALBOT
Barrister & Solicitor
MORTON & COMPANY
1750 - 750 WEST PENDER STREET
VANCOUVER, B C V6C 2T8
681-1194

Sample No	UTM	7176020 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		640414 E	Strike Length Exp 25 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3801	Elevation	1155 m	Sample Width 1 m	Secondaries	sGE	8	<5	4	44	173	2040
	Orientation	/	True Width 10 cm	Host	Ferricrete						

Comments Seems to have formed at base of talus slope, small area, at creek level

---

Sample No	UTM	7175881 N	Type Float	Alteration	wCA,wMR,wMS,wQZ,mAK	Au	Pt	Pd	Mo	Ni	Zn
		640378 E	Strike Length Exp m	Metallics	3%PY	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3802	Elevation	1150 m	Sample Width m	Secondaries	wGE	4	<5	<2	1	75	52
	Orientation	/	True Width · m	Host ·	Intrusive						

Comments At creek level, angular Odd rock for area

Sample No	UTM	7173017 N	Type Grab	Alteration	mCA	Au	Pt	Pd	Mo	Ni	Zn
		358728 E	Strike Length Exp · 3 m	Metallics	SU	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3803	Elevation	4450 ft	Sample Width 50 cm	Secondaries.	mGE,mJA	10	<5	4	105	365	3310
	Bedding	110 / 28	True Width · 80 cm	Host	Black argllite?						

Comments Gully south of Camp Limestone balls in float below Rusty zone with calcite carrying sulvanite and saw speck of blue, possibly azurite Limestone lenses above?

Sample No	UTM	7172782 N	Type Grab	Alteration	wCA	Au	Pt	Pd	Mo	Ni	Zn
		358490 E	Strike Length Exp 75 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3804	Elevation	5000 ft	Sample Width 50 cm	Secondaries	mGE,mJA	2	<5	2	3	20	82
	Bedding	115 / 30	True Width 70 cm	Host	Black argillite						

Comments Limestone balls below 70cm

Sample No	UTM	7172665 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		358471 E	Strike Length Exp 20 m	Metallics .		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3805	Elevation.	5225 ft	Sample Width 2 m	Secondaries	mGE,mHE,mJA	2	<5	2	3	115	214
	Bedding	/	True Width 2 m	Host	Ferricrete						

Comments Limestone ball close by encased in intrusive Found another ball 5 metres above, can see rusty zones across bowl

---

Sample No	UTM	7172848 N	Type Grab	Alteration	sCA	Au	Pt	Pd	Mo	Ni	Zn
		357543 E	Strike Length Exp 15 m	Metallics	PY	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3806	Elevation	4340 ft	Sample Width 25 cm	Secondaries	mGE,wJA	<4	<10	8	64	133	920
	Bedding	/	True Width 25 cm	Host	Shale						

Comments Pockets of fine pyrite causing rust

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Property Rein Project — NTS 116A/12, B/9 — Date January 16, 1997

Sample No	UTM	7172711 N	Type Grab	Alteration CA	Au	Pt	Pd	Mo	Ni	Zn
		357590 E	Strike Length Exp 15 m	Metallics	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
10278	Elevation	4400 ft	Sample Width 20 cm	Secondaries	2	<5	4	23	387	2840
	Faulting	302 / 44 S	True Width m	Host Fault						

Comments Carnbonate lenses filling fault

Sample No	UTM	7172711 N	Type Grab	Alteration	Au	Pt	Pd	Mo	Ni	Zn
		357591 E	Strike Length Exp 15 m	Metallics	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
10279	Elevation	4400 ft	Sample Width 10 cm	Secondaries	8	10	10	53	758	510
	Bedding	294 / 22 S	True Width m	Host Black cherty argillites						

Comments

Sample No	UTM	7172880 N	Type Grab	Alteration	Au	Pt	Pd	Mo	Ni	Zn
		357630 E	Strike Length Exp 15 m	Metallics	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
10280	Elevation	4400 ft	Sample Width 10 cm	Secondaries	<2	<5	4	32	83	1140
	Bedding	080 / 35 S	True Width m	Host Black carbonaceous shales						

Comments Sulvanite or tetrahedrite?

Sample No	UTM	7172946 N	Type	Alteration QZ,CA	Au	Pt	Pd	Mo	Ni	Zn
		357547 E	Strike Length Exp 5 m	Metallics SU?,TT?	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
10281	Elevation	4420 ft	Sample Width · 10 cm	Secondaries	<2	<5	2	<1	38	230
	Bedding	080 / 35 S	True Width m	Host Argillite						

Comments Grey argillite bed cut at right angles by quartz stringers Sylvanite or tetrahedrite

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Sample No	UTM	7172946 N	Type Grab	Alteration	Au	Pt	Pd	Mo	Ni	Zn
		357547 E	Strike Length Exp 5 m	Metallics	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
10282	Elevation	4420 ft	Sample Width 10 cm	Secondaries	<2	<5	4	1	54	492
	Bedding	080 / 35 S	True Width · m	Host Argillites						

Comments Similar beds to 10281 but 5m lower

Sample No	UTM	7172946 N	Type	Alteration QZ	Au	Pt	Pd	Mo	Ni	Zn
		357547 E	Strike Length Exp 1 5 m	Metallics :	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
10283	Elevation	4420 ft	Sample Width 10 cm	Secondaries mHE,mJA	<2	<5	6	8	359	4340
	Veining	080 / 35 S	True Width m	Host Argillite						

Comments Pale green secondary mineral (AT?) in rusty quartz vein, parallel to bedding

---

Sample No	UTM	7175093 N	Type · Grab	Alteration	mGR	Au	Pt	Pd	Mo	Ni	Zn
		639317 E	Strike Length Exp 10 m	Metallics	1-2%PY	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3901	Elevation	1220 m	Sample Width 2 2 m	Secondaries	sGE,mJA	2	<5	4	28	42	108
	Bedding	084 / 30 S?	True Width 2 2 m	Host	Massive black chert with graphite slips						

Comments Very finely disseminated pyrite distributed throughout outcrop Same type of mineralization is exposed over entire outcrop - 5X10m

---

Sample No	UTM	7175303 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		639669 E	Strike Length Exp 2 0 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3902	Elevation·	1187 m	Sample Width 1 0 m	Secondaries	sGE,wJA	2	<5	2	56	264	376
	Bedding	086 / 70 S	True Width 90 cm	Host :	Thin-bedded siliceous shale						

Comments Contact between black chert with shale interbeds and limestone balls and silvery grey weathering cherty argillite

---

Sample No	UTM	7172794 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		359188 E	Strike Length Exp 720 m	Metallics .		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3903	Elevation·	1365 m	Sample Width : 1 7 m	Secondaries	wGE,mJA	<2	<5	2	34	25	44
	Bedding	130 / 26 S	True Width 1 7 m	Host	Cherty argillite						

Comments Character sample, limestone balls noted in footwall below

---

Sample No	UTM	7180693 N	Type Grab	Alteration	sC	Au	Pt	Pd	Mo	Ni	Zn
		632256 E	Strike Length Exp >25 m	Metallics	40%PY,5-10%VS	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3904	Elevation	1170 m	Sample Width 6 cm	Secondaries	sGE,wJA,wAT	100	560	244	1635	52100	136
	Bedding	058 / 32 S	True Width 6 cm	Host	Ni-sulphide horizon						

Comments DM showing - good sample of sulphide mineralization

Sample No	UTM	7181112 N	Type Grab	Alteration	?BA	Au	Pt	Pd	Mo	Ni	Zn
		632540 E	Strike Length Exp >20 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44364	Elevation	1140 m	Sample Width 45 cm	Secondaries:	mGE,mJA,wAT	4	<10	4	164	409	158
	Bedding	050 / 16 SE	True Width 45 cm	Host	Black cherty argillite						

Comments · Footwall to vaesite/pyrite layer at location of T Bell's discovery Rock has weight - baritic?

Sample No	UTM	7181112 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		632541 E	Strike Length Exp 1 5 m	Metallics	25%PY	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44365	Elevation:	1140 m	Sample Width 45 cm	Secondaries	AT	84	340	160	853	35800	202
	Orientation	050 / 16 SE	True Width : 45 cm	Host	Ni-sulphide horizon						

Comments Sulphide lens coated with green nickel bloom-annabergite, recessive zone, very carbonaceous Sulphides have planar laminated fabric Sulphides seem to occupy a depression

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Sample No	UTM	7181112 N	Type Grab	Alteration ·		Au	Pt	Pd	Mo	Ni	Zn
		632541 E	Strike Length Exp >20 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44366	Elevation	1140 m	Sample Width 50 cm	Secondaries	mGE,mJA	4	<10	12	39	102	90
	Bedding	050 / 16 SE	True Width 50 cm	Host	Dark grey chert with shaly interbeds						

Comments Hanging wall section of 44365 (sulphide layer) Strong iron oxide coating and white precipitate

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Sample No	UTM	7180850 N	Type Grab	Alteration	sCA	Au	Pt	Pd	Mo	Ni	Zn
		633042 E	Strike Length Exp 1 0 m	Metallics	1%GL,3%PY,2%SP	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44367	Elevation	1180 m	Sample Width 20 cm	Secondaries	wHZ	<4	<10	<4	5	53	42200
	Veining	350 / 90	True Width : 20 cm	Host	Interbedded black shale,siliceous shale and limestone						

Comments Coarse crystalline gash vein in rhythmite succession

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Sample No	UTM	7181238 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		632770 E	Strike Length Exp 6 0 m	Metallics	trPY	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44368	Elevation	1140 m	Sample Width 40 cm	Secondaries	sGE,wJA,AT?	<4	<10	<4	92	279	172
	Bedding	105 / 15 S	True Width · 40 cm	Host	Chert with shaly partings						

Comments Recessive zone in undercut of outcrop Chert is thin bedded, rusty at this section. Traces of pyrite noted; green nickel bloom mineral Limestone ball member of south side of creek

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Sample No	UTM	7178848 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		632179 E	Strike Length Exp 5.0 m	Metallics .	1-2%PY	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44369	Elevation	1215 m	Sample Width 50 cm	Secondaries	wGE,wJA	<4	<10	<4	28	65	180
	Bedding	080 / 80 S	True Width 50 cm	Host ·	Black chert						

Comments : Sample from outcrop in creek Pyrite is extremely fine-grained and occurs as disseminations, disseminated clusters, wispy stringers Crystalline and framboidal textures noted

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Sample No	UTM	7179195 N	Type Grab	Alteration	?	Au	Pt	Pd	Mo	Ni	Zn
		632301 E	Strike Length Exp 20 m	Metallics	?	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44370	Elevation	1215 m	Sample Width 30 cm	Secondaries	sGE,sJA	8	30	12	220	333	472
	Bedding	283 / 30 N	True Width 30 cm	Host .	Chert with shaly partings						

Comments Completely weathered out zone in bedded chert, peculiar 2cm pitted nodules along same horizon The nodules are limey

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Sample No	UTM .	7179195 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		632301 E	Strike Length Exp 20 m	Metallics :		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44371	Elevation	1215 m	Sample Width 1 4 m	Secondaries·	mGE,mJA,wGY	<4	<10	<4	38	58	64
	Bedding	308 / 42 N	True Width 1 4 m	Host	Black chert with shaly partings'						

Comments Hanging wall sample to 44370

Sample No	UTM	7179195 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		632301 E	Strike Length Exp 20 m	Metallics ·		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44372	Elevation	1215 m	Sample Width 3 2 m	Secondaries	mGE,mJA	<4	<10	<4	67	75	104
	Bedding	300 / 46 N	True Width 3 2 m	Host	Black chert/siliceous argillite						

Comments Footwall to sample 44370 Rusty weathered out 2.0cm seam along base of this section sitting above barite layer

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Sample No	UTM	7179195 N	Type Grab	Alteration ·	sBA	Au	Pt	Pd	Mo	Ni	Zn
		632301 E	Strike Length Exp 15 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44373	Elevation	1215 m	Sample Width 90 cm	Secondaries	sGE,mGY	<4	20	8	206	274	438
	Bedding	300 / 46 N	True Width 90 cm	Host	Barite horizon, minor siliceous argillite						

Comments Footwall to 44372 Zone consists of 2 black carbonaceous (fetid) barite horizons separated by black carbonaceous, siliceous argillite

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Sample No	UTM	7179195 N	Type . Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		632299 E	Strike Length Exp 10 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44374	Elevation	1215 m	Sample Width · 1 1 m	Secondaries·	sGE,mGY	<4	<10	<4	63	74	74
	Orientation	300 / 46 N	True Width 1 1 m	Host	Siliceous argillite with limestone balls						

Comments Footwall to baritic zone (44373)

Sample No	UTM	7179107 N	Type · Grab	Alteration	wQZ	Au	Pt	Pd	Mo	Ni	Zn
		632623 E	Strike Length Exp 1 5 m	Metallics :	2-7%PY	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44375	Elevation	1235 m	Sample Width 70 cm	Secondaries	wGE,mGY?	<4	<10	<4	20	39	24
	Bedding	290 / 13 N	True Width 65 cm	Host .	Pyritic black chert						

Comments Pyrite occurs as extremely fine-grained disseminations throughout, as 1-2mm massive laminations, cross-cutting stringers and as larger circular spheroids/framboids Peculiar white coating on fractures. Hanging wall and footwall not exposed

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Sample No	UTM	7178940 N	Type Float	Alteration	white phosphate mineral	Au	Pt	Pd	Mo	Ni	Zn
		632854 E	Strike Length Exp m	Metallics :	1%PY	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44376	Elevation	1270 m	Sample Width m	Secondaries	mGE,wJA	<4	<10	8	43	106	240
	Orientation /		True Width m	Host	Black chert						

Comments Grab of subcrop and outcrop of better pyrite mineralization Flecks of fibrous white (phosphate?) mineral spotted throughout Pyrite is finely disseminated, may be in clusters or as wispy lenses

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Sample No	UTM	7180694 N	Type Grab	Alteration ·		Au	Pt	Pd	Mo	Ni	Zn
		632257 E	Strike Length Exp 50 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44377	Elevation	1200 m	Sample Width 95 cm	Secondaries	mJA,mGY	<4	<10	4	65	52	26
	Bedding	085 / 08 S	True Width 95 cm	Host	Chert with shaly partings						

Comments Hanging wall unit

Sample No	UTM	7180694 N	Type Grab	Alteration ·		Au	Pt	Pd	Mo	Ni	Zn
		632257 E	Strike Length Exp >50 m	Metallics ·		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44378	Elevation	1200 m	Sample Width 80 cm	Secondaries·	sGE,sJA,mAH	<4	<10	<4	40	158	870
	Bedding	085 / 08 S	True Width 80 cm	Host	Calcareous shale - limestone ball member						
Comments	Footwall unit										

Sample No	UTM	7179758 N	Type Float	Alteration	40%BA	Au	Pt	Pd	Mo	Ni	Zn
		638144 E	Strike Length Exp m	Metallics ·		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44379	Elevation	1380 m	Sample Width m	Secondaries·	m-sGE,wJA,wGY	2	<5	4	7	37	150
	Orientation /		True Width m	Host	Nodular baritic chert						
Comments	Subcrop at 8600N, 10700E Very near to source										

Sample No	UTM	7180242 N	Type Grab	Alteration	sBA	Au	Pt	Pd	Mo	Ni	Zn
		638382 E	Strike Length Exp : 10 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44380	Elevation	1380 m	Sample Width 80 cm	Secondaries	wGE	<2	<5	<2	2	4	8
	Veining	225 / 85 NW	True Width 80 cm	Host ·	Barite vein						
Comments	Parallel barite veins (extensional).										

Sample No	UTM	7179949 N	Type . Grab	Alteration	sCA	Au	Pt	Pd	Mo	Ni	Zn
		637947 E	Strike Length Exp. . 0 30 m	Metallics ·		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44381	Elevation	1290 m	Sample Width 60 cm	Secondaries	sGE,sJA,sAT	10	35	22	307	2510	1620
	Bedding	068 / 38 S	True Width 40 cm	Host	Limestone ball member						
Comments	Footwall limestone ball member, calcite veining Green nickel bloom on fracture surfaces										

Sample No	UTM ·	7179948 N	Type . Grab	Alteration ·	?	Au	Pt	Pd	Mo	Ni	Zn
		637948 E	Strike Length Exp 0 30 m	Metallics	?	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44382	Elevation:	1290 m	Sample Width 30 cm	Secondaries·	sJA,wAT	20	95	52	819	5410	2210
	Orientation	068 / 38 S	True Width 30 cm	Host	Black carbonaceous shale						
Comments	Target Ni-sulphide horizon? Completely rotted out										

Sample No	UTM	7179949 N	Type · Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		637948 E	Strike Length Exp >25 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44383	Elevation	1290 m	Sample Width 80 cm	Secondaries	mGE,mJA	<4	<10	4	64	394	866
	Orientation	068 / 38 S	True Width 80 cm	Host	Chert with shaly partings						
Comments	Hanging wall unit to 44382										

Sample No	UTM	7180345 N	Type Grab	Alteration	mQZ,sGR	Au	Pt	Pd	Mo	Ni	Zn
		638033 E	Strike Length Exp 2 0 m	Metallics	1%?	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44384	Elevation	1210 m	Sample Width 60 cm	Secondaries	sGE,wJA,sHZ,wGreen miner	4	<10	4	76	895	14400
	Veining	080 / 38 S	True Width 60 cm	Host	Interbedded sil shale, calc shale and limestone						

Comments Quartz veining/breccia in fault zone Very rotten zone with sulphide mineral only located in quartz veining Associated with pale limegreen secondary mineral. Full extent (width) of zone not exposed.

Sample No	UTM	7179886 N	Type Grab	Alteration	?	Au	Pt	Pd	Mo	Ni	Zn
		637467 E	Strike Length Exp 5 0 m	Metallics	?	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44385	Elevation	1310 m	Sample Width 15 cm	Secondaries	GE,wAT	24	40	20	262	3590	1635
	Bedding	090 / 35 S	True Width 15 cm	Host	Siliceous shale						

Comments Upslope from soil sample 10000E, 8775N Sample taken from below barite contact into broken siliceous shale Zone pinches <3cm in either direction from sample Zone completely weathered out

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Sample No	UTM	7179850 N	Type Grab	Alteration	wBA,mGR	Au	Pt	Pd	Mo	Ni	Zn
		637391 E	Strike Length Exp 0 30 m	Metallics	None	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44386	Elevation	1300 m	Sample Width 40 cm	Secondaries	sGE,mJA	<4	<10	<4	46	187	1020
	Orientation	? /	True Width m	Host	Brecciated sheared cherty argillite						

Comments Sulphides are completely weathered out. Sample taken at site of 1994 anomalous soil MMS-24 (340ppm barium,5300ppm zinc,1120ppm nickel, 204ppm molybdenum) Zone is on hanging wall of barite horizon

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Sample No	UTM	7179878 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		637398 E	Strike Length Exp . 2 5 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44387	Elevation	1295 m	Sample Width 80 cm	Secondaries	sGE,mJA	<4	<10	<4	64	172	562
	Bedding	115 / 22 S	True Width 80 cm	Host	Limestone ball member						

Comments Sample includes everything up to and perhaps including target horizon in part

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Sample No	UTM	7179878 N	Type Grab	Alteration	wGR	Au	Pt	Pd	Mo	Ni	Zn
		637398 E	Strike Length Exp 2 0 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44388	Elevation	1295 m	Sample Width 30 cm	Secondaries	sGE,sJA	4	10	4	43	449	944
	Bedding	115 / 22 S	True Width m	Host	Siliceous carbonaceous shale						

Comments Platy recessive, rusty zone exposed below barite lens No sulphides noted

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Sample No	UTM	7179878 N	Type Grab	Alteration	mCA	Au	Pt	Pd	Mo	Ni	Zn
		637398 E	Strike Length Exp 3 0 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44389	Elevation	1295 m	Sample Width 70 cm	Secondaries	wGE,wJA,trAT	<4	<10	<4	16	118	564
	Bedding	115 / 22 S	True Width m	Host	Barite						

Comments Hanging wall sample to 44388, fetid

Sample No	UTM	7179888 N	Type . Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		637383 E	Strike Length Exp : 0 30 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44390	Elevation	1300 m	Sample Width 9 0 cm	Secondaries	sGE,mJA,trAT	16	40	24	403	4450	702
	Bedding	085 / 34 S	True Width 9 0 cm	Host .	Rotted siliceous shale						

Comments Target horizon, completely rotted out

Sample No	UTM	7179915 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		637358 E	Strike Length Exp . 0 30 m	Metallics	sGR	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44391	Elevation·	1305 m	Sample Width 50 cm	Secondaries	mGE,mJA	4	<10	4	87	753	5770
	Bedding	150 / 25 S	True Width 50 cm	Host	Rotted siliceous shale						

Comments Target zone although sample invariably contains footwall shale as well Thin (1 0cm) yellow line passes through middle of sample

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Sample No	UTM	7179849 N	Type Float	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		637252 E	Strike Length Exp m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44392	Elevation	1295 m	Sample Width m	Secondaries	sGE,mJA	4	<10	<4	29	36	106
	Orientation·	/	True Width m	Host	Highly fractured black chert						

Comments 20X30cm angular float, close to source. Has a bit of weight to it - baritic?

Sample No	UTM	7180233 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		637142 E	Strike Length Exp 0 30 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44393	Elevation	1190 m	Sample Width 45 cm	Secondaries	sGE,sJA	8	<10	8	244	164	102
	Bedding	105 / 40 S	True Width 45 cm	Host .	Thin-bedded shale						

Comments Sample taken from rusty black shale at contact between limestone ball member and thin-bedded chert with shaly partings Hard to sample due to platy nature of zone

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Sample No	UTM .	7180215 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		637076 E	Strike Length Exp · 1 0 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44394	Elevation	1185 m	Sample Width 35 cm	Secondaries	sGE,sJA	4	10	12	99	65	70
	Bedding	108 / 40 S	True Width 35 cm	Host .	Thin-bedded shale						

Comments . Same zone as 44393, taken at creek level

Sample No	UTM	7174772 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		639889 E	Strike Length Exp 10 m	Metallics ·		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44395	Elevation·	1280 m	Sample Width 1 1 m	Secondaries	m-sGE,wJA	2	<5	2	26	23	108
	Bedding	082 / 32 S	True Width 1 1 m	Host	Rusty stained black chert						

Comments Thin-bedded chert with shaly partings

Sample No	UTM	7174469 N	Type Grab	Alteration	mCA,mCL,wSI	Au	Pt	Pd	Mo	Ni	Zn
		639928 E	Strike Length Exp 25 m	Metallics ·		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44396	Elevation	1370 m	Sample Width 50 cm	Secondaries		<2	<5	2	<1	422	80
	Orientation	? / ?	True Width 50 cm	Host	Amygdaloidal andesite						

Comments Pillowed amygdaloidal andesite flow

Sample No	UTM .	7174496 N	Type Grab	Alteration	wCA	Au	Pt	Pd	Mo	Ni	Zn
		639920 E	Strike Length Exp >25 m	Metallics ·	trPY	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44397	Elevation	1355 m	Sample Width 1 5 m	Secondaries	wGE	2	<5	2	<1	27	90
	Bedding	107 / 65 S	True Width . 1 5 m	Host	Phyllitic laminated siltstone/argillite						

Comments

Sample No	UTM	7175137 N	Type Float	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		640577 E	Strike Length Exp m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44398	Elevation	1225 m	Sample Width m	Secondaries·	wGE,wHE	4	<5	4	31	323	1330
	Orientation	/	True Width m	Host	Barite?						

Comments Float below chert unit Sample is composite of a number of angular pieces

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Sample No	UTM	7175895 N	Type Float	Alteration :		Au	Pt	Pd	Mo	Ni	Zn
		640108 E	Strike Length Exp m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44399	Elevation	1200 m	Sample Width m	Secondaries		<2	<5	<2	1	1	6
	Orientation	/	True Width m	Host	Laminated barite						

Comments Scree on ridgeline east from camp Composite of a number or pieces of float

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Sample No	UTM	7175986 N	Type Float	Alteration	m-sQZ	Au	Pt	Pd	Mo	Ni	Zn
		640143 E	Strike Length Exp m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
44400	Elevation	1197 m	Sample Width m	Secondaries		<2	<5	2	19	20	42
	Orientation	/	True Width m	Host ·	Black chert						

Comments Scree on ridge line, fetid smell upon breakage Composite of several pieces of float

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Sample No	UTM	7181121 N	Type Grab	Alteration	GY on fractures	Au	Pt	Pd	Mo	Ni	Zn
		633421 E	Strike Length Exp m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3852	Elevation	3980 ft	Sample Width m	Secondaries	mHZ	<4	<10	<4	32	116	1980
	Bedding	294 / 45 S	True Width m	Host	limey grey shales						

Comments Downstream from extensive limonite ferricrete sides of narrow creek Too much ice to get a good look

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Sample No	UTM	7180216 N	Type · Select	Alteration	CA,QZ	Au	Pt	Pd	Mo	Ni	Zn
		632213 E	Strike Length Exp o/c m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3853	Elevation	3975 ft	Sample Width m	Secondaries ·	HZ,green coating	<4	<10	<4	22	72	854
	Bedding	40 / 5 SE	True Width m	Host ·	argillite						

Comments Tentaculites fossils noted in talus

Sample No	UTM	7179858 N	Type Float	Alteration	CA	Au	Pt	Pd	Mo	Ni	Zn
		633918 E	Strike Length Exp o/c m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3854	Elevation	4410 ft	Sample Width : m	Secondaries		<4	<10	<4	38	103	326
	Orientation ·	/	True Width m	Host :	Argillite						

Comments Calcite matrix breccia

Sample No	UTM	7179935 N	Type : Grab	Alteration ·		Au	Pt	Pd	Mo	Ni	Zn
		631975 E	Strike Length Exp o/c m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3855	Elevation ·	3750 ft	Sample Width 100 cm	Secondaries	HZ	<4	<10	<4	44	151	3600
	Bedding	295 / 65 S	True Width · 100 cm	Host ·	Cherty argillite, limey interbeds						

Comments Sample located to the north of pebble conglomerate and shale outcrop

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Sample No	UTM	7180068 N	Type Select	Alteration ·		Au	Pt	Pd	Mo	Ni	Zn
		632156 E	Strike Length Exp m	Metallics ·		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3856	Elevation	3800 ft	Sample Width m	Secondaries	sHE,sJA,sGY,HZ	<4	<10	4	14	2990	9130
	Orientation	/	True Width m	Host	Carbonaceous shales						

Comments Oxidized band at base of shaly outcrop Green secondary coating

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Sample No	UTM	7180068 N	Type Select	Alteration ·		Au	Pt	Pd	Mo	Ni	Zn
		632156 E	Strike Length Exp o/c m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3857	Elevation	3800 ft	Sample Width m	Secondaries ·	sHE,sJA,sGY	<4	<10	<4	8	2320	14200
	Bedding	/	True Width m	Host .	Carbonaceous shales						

Comments

Sample No	UTM	7180068 N	Type Select	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		632156 E	Strike Length Exp m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3858	Elevation	3800 ft	Sample Width m	Secondaries	GY	<4	<10	<4	9	459	6360
	Joint	40 / 12 SE	True Width m	Host	Carbonaceous black shales						

Comments · Caution - rock falls! Unstable!

Sample No	UTM	7178642 N	Type Float	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		632963 E	Strike Length Exp m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3859	Elevation	4250 ft	Sample Width m	Secondaries	Green coating	<4	<10	<4	17	41	94
	Orientation	/	True Width m	Host	Baritic unit						

Comments ·

Sample No	UTM	7180893 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		632410 E	Strike Length Exp . m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3860	Elevation	3860 ft	Sample Width · 5 cm	Secondaries	wJA	<4	<10	<4	55	250	1390
	Bedding	085 / 15 SE	True Width 5 cm	Host	Calcareous, carbonaceous shale						

Comments

Sample No	UTM	7180876 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		632398 E	Strike Length Exp m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3861	Elevation	3865 ft	Sample Width 15 cm	Secondaries	sJA	<4	<10	<4	39	192	570
	Bedding	090 / 15 S	True Width m	Host	Thin-bedded carbonaceous shales						

Comments Sample taken above cherty layer

Sample No	UTM	7180696 N	Type Grab	Alteration	wSI	Au	Pt	Pd	Mo	Ni	Zn
		632256 E	Strike Length Exp 8 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3862	Elevation	3880 ft	Sample Width 10 cm	Secondaries	sGE,mHE	<4	<10	4	42	13	44
	Bedding	? / 05 S	True Width m	Host ·	Siliceous shale						

Comments Recessive zone

Sample No	UTM	7180696 N	Type Float	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		632256 E	Strike Length Exp 1 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3863	Elevation	3820 ft	Sample Width m	Secondaries	mGE,mHE,mJA	<4	<10	<4	45	156	512
	Orientation	/	True Width m	Host	Siliceous shales						

Comments Weathered out hole in siliceous shales, rusty material

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Sample No	UTM	7180696 N	Type Grab		Alteration	wGR	Au	Pt	Pd	Mo	Ni	Zn
		632256 E	Strike Length Exp	1 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3864	Elevation	3880 ft	Sample Width	10 cm	Secondaries		<4	<10	<4	149	76	148
	Bedding	085 / 20 S	True Width	m	Host	Carbonaceous and siliceous shale						
Comments	Taken in 10cm above thin rusty horizon											

Sample No	UTM	7180697 N	Type Grab		Alteration		Au	Pt	Pd	Mo	Ni	Zn
		632255 E	Strike Length Exp	1 m	Metallics :		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3865	Elevation	3880 ft	Sample Width	10 cm	Secondaries	sGE,sHE	<4	<10	<4	56	151	338
	Bedding	085 / 20 S	True Width :	m	Host	Weakly calcareous limestone ball member						
Comments	Taken in top 10cm of thin rusty horizon											

Sample No	UTM	7180697 N	Type :		Alteration		Au	Pt	Pd	Mo	Ni	Zn
		632255 E	Strike Length Exp	: 0 60 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3866	Elevation	3880 ft	Sample Width	5 cm	Secondaries	GE,HE	<4	<10	<4	118	65	146
	Bedding	/	True Width	m	Host .	Siliceous shale						
Comments	Sample taken below siliceous shale and above rusty zone Zone is over 60m long											

Sample No	UTM	7180093 N	Type Grab		Alteration		Au	Pt	Pd	Mo	Ni	Zn
		637917 E	Strike Length Exp	m	Metallics .		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3867	Elevation	4500 ft	Sample Width	10 cm	Secondaries	mHE,mJA	8	10	<4	46	27	18
	Bedding	280 / 12 S	True Width ·	m	Host	Carbonaceous shales						
Comments	Fold 19-110 degrees from under cherty layer											

Sample No	UTM	7179248 N	Type · Grab		Alteration		Au	Pt	Pd	Mo	Ni	Zn
		635406 E	Strike Length Exp	4 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3868	Elevation	4620 ft	Sample Width	30 m	Secondaries	sHE,sJA	8	5	14	69	23	56
	Bedding	275 / 14 S	True Width	m	Host ·	Siliceous shale						
Comments	Rusty horizon within siliceous shale											

Sample No	UTM	7178792 N	Type Grab		Alteration		Au	Pt	Pd	Mo	Ni	Zn
		635442 E	Strike Length Exp	10 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3869	Elevation	4830 ft	Sample Width	6 cm	Secondaries	JA	<2	<5	2	39	21	16
	Orientation	270 / 27 S	True Width	m	Host .	Carbonaceous shale above rusty cherty argillite						
Comments												

Sample No	UTM ·	7178594 N	Type Grab		Alteration	QZ	Au	Pt	Pd	Mo	Ni	Zn
		636152 E	Strike Length Exp · 1 m		Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3870	Elevation	4050 ft	Sample Width	10 cm	Secondaries	sJA,sMN,wLM	<2	<5	<2	29	24	48
	Faulting	270 / 90	True Width	m	Host	Fault						
Comments	Quartz breccia from fault											

Sample No	UTM .	7178893 N	Type · Grab		Alteration		Au	Pt	Pd	Mo	Ni	Zn
		636805 E	Strike Length Exp	1 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3872	Elevation	4320 ft	Sample Width	10 cm	Secondaries		<2	<5	<2	25	163	1770
	Orientation.	/	True Width	m	Host	Carbonaceous shaley argillite						
Comments	Above barite											

Sample No	UTM	7178893 N	Type Select		Alteration		Au	Pt	Pd	Mo	Ni	Zn
		636805 E	Strike Length Exp · 2 m		Metallics	Grey metallic mineral SU?	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3873	Elevation	4315 ft	Sample Width	10 cm	Secondaries	Green coating	<2	<5	<2	4	16	62
	Bedding	320 / 31 E	True Width	m	Host	Limey barite						
Comments												

Sample No	UTM	7178600 N	Type Grab		Alteration :	CA	Au	Pt	Pd	Mo	Ni	Zn
		636326 E	Strike Length Exp	0.5 m	Metallics ·	SU	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3874	Elevation	3800 ft	Sample Width	15 cm	Secondaries·		<2	<5	<2	26	58	408
	Faulting ·	340 / 60 W	True Width	m	Host	Fault breccia						
Comments	Metallic grey mineral with green coating - sulvanite and volborthite?											

Sample No	UTM	7178481 N	Type ·		Alteration	BA	Au	Pt	Pd	Mo	Ni	Zn
		636149 E	Strike Length Exp	6 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3875	Elevation.	3990 ft	Sample Width	20 cm	Secondaries		<2	<5	<2	4	22	832
	Veining	270 / 90	True Width	m	Host	Barite-matrix breccia						
Comments	Sample from 20cm wide barite-rich breccia in faulted cherty argillite											

Sample No	UTM	7178389 N	Type Grab		Alteration .	PB	Au	Pt	Pd	Mo	Ni	Zn
		636167 E	Strike Length Exp	1 m	Metallics :		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3876	Elevation	3920 ft	Sample Width	35 cm	Secondaries·		<2	<5	<2	16	222	1045
	Bedding	300 / 54 S	True Width	m	Host	Cherty argillite						
Comments	Pyrobitumen? Black bituminous lightweight material											

Property Rein Project NTS 116A/12, B/9 Date January 16, 1997

Sample No	UTM	7178389 N	Type · Grab	Alteration		Au (ppb)	Pt (ppb)	Pd (ppb)	Mo (ppm)	Ni (ppm)	Zn (ppm)
		636167 E	Strike Length Exp. 3 m	Metallics							
3877	Elevation	3920 ft	Sample Width 10 cm	Secondaries		2	<5	4	55	103	354
	Bedding	300 / 54 S	True Width . m	Host							
Comments	Above pyrobitumen layer (3876).										

Sample No	UTM	7178389 N	Type Grab	Alteration ·		Au (ppb)	Pt (ppb)	Pd (ppb)	Mo (ppm)	Ni (ppm)	Zn (ppm)
		636167 E	Strike Length Exp 0 50 m	Metallics							
3878	Elevation	3920 ft	Sample Width 10 cm	Secondaries		4	<5	2	28	117	282
	Bedding	300 / 54 S	True Width m	Host							
Comments	Sample below pyrobitumen layer (3876)										

Sample No	UTM	7178329 N	Type · Grab	Alteration		Au (ppb)	Pt (ppb)	Pd (ppb)	Mo (ppm)	Ni (ppm)	Zn (ppm)
		636184 E	Strike Length Exp m	Metallics							
3879	Elevation·	3950 ft	Sample Width 10 cm	Secondaries	sGE,sHE,sJA	<2	<5	4	35	231	706
	Bedding ·	260 / 16 S	True Width : m	Host	Chert						
Comments	Sample from very oxidized frozen material below chert bed										

Sample No	UTM	7178329 N	Type Grab	Alteration		Au (ppb)	Pt (ppb)	Pd (ppb)	Mo (ppm)	Ni (ppm)	Zn (ppm)
		636184 E	Strike Length Exp m	Metallics .							
3880	Elevation	3950 ft	Sample Width : 10 cm	Secondaries		<2	<5	2	41	90	184
	Orientation	260 / 16 S	True Width m	Host	Chert						
Comments	Above rusty zone (3879) - hanging wall rocks Note couldn't sample below rust zone because of ice										

Sample No.	UTM	7179024 N	Type Grab	Alteration		Au (ppb)	Pt (ppb)	Pd (ppb)	Mo (ppm)	Ni (ppm)	Zn (ppm)
		636153 E	Strike Length Exp 2 m	Metallics							
3881	Elevation	3800 ft	Sample Width 2 cm	Secondaries		<2	<5	<2	43	125	798
	Orientation	/	True Width · m	Host	Carbonaceous layer between limestone and chert						
Comments	No sulphides Rocks much folded and broken - black carbonaceous "filling "										

Sample No	UTM	7179023 N	Type Grab	Alteration .		Au (ppb)	Pt (ppb)	Pd (ppb)	Mo (ppm)	Ni (ppm)	Zn (ppm)
		636153 E	Strike Length Exp 50 m	Metallics .							
3882	Elevation	3800 ft	Sample Width 5 cm	Secondaries	mJA	<2	<5	<2	27	43	136
	Orientation	/	True Width · m	Host	Hanging wall cherty argillite						
Comments	Hanging wall rocks to 3881 -calcareous rocks 30cm above carbonaceous layer Rocks folded										

Sample No	UTM	7179023 N	Type Select	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		636153 E	Strike Length Exp 50 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3883	Elevation	3800 ft	Sample Width 10 cm	Secondaries		<2	<5	<2	92	152	484
	Orientation	/	True Width m	Host	Black limestone						

Comments Massive limestone, no bedding planes

Sample No	UTM	7175018 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		641962 E	Strike Length Exp m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3884	Elevation	3800 ft	Sample Width 10 cm	Secondaries.	mHZ	<2	<5	4	32	85	2130
	Bedding	260 / 12 S	True Width m	Host	Black carbonaceous shales						

Comments

Sample No	UTM	7174929 N	Type Float	Alteration	QZ veining	Au	Pt	Pd	Mo	Ni	Zn
		642484 E	Strike Length Exp m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3885	Elevation	4350 ft	Sample Width m	Secondaries		<2	<5	<2	1	38	64
	Orientation.	/	True Width m	Host	Intrusive						

Comments Float scattered on top of ridge

Sample No	UTM	7175213 N	Type Float	Alteration	SI	Au	Pt	Pd	Mo	Ni	Zn
		642683 E	Strike Length Exp : m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3886	Elevation	4210 ft	Sample Width m	Secondaries	mHZ, dark green mineral	<2	<5	2	13	79	1970
	Orientation	/	True Width m	Host	Fractured siliceous argillite						

Comments Hydrozincite and dark green secondary mineral Rocks have hackly surface, appear "re-mobilized" ie broken and reset

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Sample No	UTM	7175022 N	Type Select	Alteration	QZ,CA	Au	Pt	Pd	Mo	Ni	Zn
		639324 E	Strike Length Exp. m	Metallics	SU	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3887	Elevation	3980 ft	Sample Width 20 cm	Secondaries.	sHZ	<2	<5	2	27	92	2370
	Bedding	. 325 / 68 N	True Width m	Host	Black argillite						

Comments

Sample No	UTM	7174189 N	Type Select	Alteration	sSI,CA	Au	Pt	Pd	Mo	Ni	Zn
		641979 E	Strike Length Exp. : m	Metallics	PY	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3888	Elevation	3920 ft	Sample Width : 15 cm	Secondaries		<2	<5	<2	<1	53	86
	Orientation	/	True Width m	Host	Dioritic intrusive						

Comments Rock very hard, coated with carbonate

Sample No	UTM	7174326 N	Type Grab	Alteration sQZ	Au	Pt	Pd	Mo	Ni	Zn
		641878 E	Strike Length Exp 5 m	Metallics	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3889	Elevation	3980 ft	Sample Width . 5 cm	Secondaries sHZ	2	<5	2	23	81	1985
	Bedding	280 / 80 N	True Width m	Host · Cherty argillite						

Comments Folded 16-120 degrees

Sample No	UTM	7173813 N	Type Grab	Alteration	Au	Pt	Pd	Mo	Ni	Zn
		356985 E	Strike Length Exp 20 m	Metallics	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3890	Elevation	3880 ft	Sample Width 5 cm	Secondaries sHZ	2	<5	4	39	112	1880
	Bedding	328 / 46 S	True Width . m	Host Black shales						

Comments · Outcrop by creek strongly coated with hydrozincite

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Sample No	UTM ·	7172804 N	Type Grab	Alteration	Au	Pt	Pd	Mo	Ni	Zn
		357844 E	Strike Length Exp : 30 m	Metallics	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3891	Elevation·	4700 ft	Sample Width 5 cm	Secondaries mJA	2	<5	2	79	123	454
	Bedding ·	270 / 03 S	True Width m	Host · Cherty argillites						

Comments

Sample No	UTM	7172804 N	Type Grab	Alteration	Au	Pt	Pd	Mo	Ni	Zn
		357844 E	Strike Length Exp · 30 m	Metallics	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3892	Elevation	4700 ft	Sample Width . 5 cm	Secondaries wGE,mJA	2	<5	2	233	1140	4690
	Jointing	270 / 32 S	True Width m	Host Contact-limestone ball member/cherty argillite						

Comments Target zone

Sample No	UTM	7172804 N	Type · Grab	Alteration	Au	Pt	Pd	Mo	Ni	Zn
		357844 E	Strike Length Exp 30 m	Metallics ·	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3893	Elevation	4450 ft	Sample Width 5 cm	Secondaries	2	<5	2	57	191	480
	Bedding	270 / 17 S	True Width · m	Host Limestone ball member						

Comments "Footwall" limestone ball unit below 3892 Similar to the hanging wall unit

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Sample No	UTM	7172767 N	Type Select	Alteration QZ	Au	Pt	Pd	Mo	Ni	Zn
		357810 E	Strike Length Exp m	Metallics SU	(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3894	Elevation	4450 ft	Sample Width 20 cm	Secondaries	<2	<5	<2	17	50	276
	Bedding	270 / 17 N	True Width m	Host Cherty argillites						

Comments

Sample No	UTM	7172518 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		357766 E	Strike Length Exp 5 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3895	Elevation	5000 ft	Sample Width 10 cm	Secondaries		2	<5	6	22	28	102
	Orientation:	/	True Width m	Host	Cherty argillite						
Comments	Fractured										

Sample No	UTM	7172590 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		357694 E	Strike Length Exp 10 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3896	Elevation	4380 ft	Sample Width 12 cm	Secondaries	mHE,sJA	<2	<5	<2	12	61	392
	Fault	320 / 56 S	True Width m	Host	Cherty argillite						
Comments	Fault										

Sample No	UTM	7172663 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		357645 E	Strike Length Exp 10 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3897	Elevation	4355 ft	Sample Width 10 cm	Secondaries	mHE,mJA	4	<5	8	37	43	186
	Bedding	280 / 56 S	True Width m	Host	Thin shaley graphitic unit						
Comments											

Sample No	UTM	7172663 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		357645 E	Strike Length Exp 10 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3898	Elevation	4350 ft	Sample Width 10 cm	Secondaries		4	<5	6	22	80	454
	Orientation	280 / 56 S	True Width m	Host							
Comments											

Sample No	UTM	7172663 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		357645 E	Strike Length Exp 10 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3899	Elevation	4500 ft	Sample Width 10 cm	Secondaries	wHE,wJA	4	<5	6	28	47	250
	Bedding	280 / 56 S	True Width m	Host	Cherty argillite						
Comments											

Sample No	UTM	7172711 N	Type Grab	Alteration		Au	Pt	Pd	Mo	Ni	Zn
		357590 E	Strike Length Exp 15 m	Metallics		(ppb)	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)
3900	Elevation:	4500 ft	Sample Width 5 cm	Secondaries:		4	<5	8	45	107	658
	Faulting	302 / 44 S	True Width m	Host	Cherty argillite						
Comments	Sample from above fault - has limestone balls										

APPENDIX D

ROCK SAMPLE DESCRIPTIONS

MINERALS AND ALTERATION TYPES

AT	annabergite	AK	ankerite	AZ	azurite
BA	barite	C	carbon	CA	calcite
GE	goethite	GY	gypsum	GL	galena
GR	graphite	HE	hematite	HZ	hydrozincite
JA	jarosite	MC	malachite	MS	sericite
MR	mariposite	PB	pyrobitumen	PY	pyrite
QZ	quartz	SI	silica	SP	sphalerite
SU	sulvanite	VS	vaesite	VO	volborthite
TT	tetrahedrite				

APPENDIX E

CERTIFICATES OF ANALYSIS

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To. EQUITY ENGINEERING LTD.

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

A9623392

Comments. ATTN DA CAUFIELD

CERTIFICATE A9623392

(EIA) - EQUITY ENGINEERING LTD.

Project: BLK96-04
P O # :

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

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	199	Dry, sieve to -80 mesh
202	199	save reject
229	198	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
975	197	Au ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
976	197	Pt ppb: ICP-Fluorescence package	FA-ICP-AFS	5	10000
977	197	Pd ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
2118	198	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	198	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	198	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	198	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	198	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	198	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	198	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	198	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	198	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	198	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	198	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	198	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	198	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	198	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	198	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	198	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	198	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	198	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	198	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	198	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	198	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	198	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	198	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	198	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	198	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	198	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	198	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	198	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	198	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	198	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	198	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	198	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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To EQUITY ENGINEERING LTD

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

Project BLK96-04
Comments ATTN DA CAUFIELD

Certificate Date 16-JUL-96
Invoice No I9623392
P.O Number .
Account .EIA

* REVISED COPY

CERTIFICATE OF ANALYSIS A9623392

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
L4600E 7800N	201	202	< 4	< 10	< 4	0.4	1.13	12	1100	< 0.5	< 2	0.21	0.5	3	31	18	1.47	< 10	< 1	0.11	10
L4600E 7825N	201	202	< 12	< 30	< 12	0.2	1.07	10	800	< 0.5	< 2	0.31	< 0.5	2	26	16	1.39	< 10	< 1	0.08	10
L4600E 7850N	201	202	4	< 5	4	1.0	0.63	24	560	< 0.5	< 2	0.09	< 0.5	1	32	24	1.62	< 10	< 1	0.17	10
L4600E 7875N	201	202	< 4	< 10	4	1.0	1.20	16	1440	< 0.5	< 2	0.34	0.5	3	29	28	2.03	< 10	< 1	0.08	10
L4600E 7900N	201	202	< 12	< 30	< 12	< 0.2	0.45	< 2	740	< 0.5	< 2	0.23	< 0.5	1	17	8	0.64	< 10	< 1	0.05	< 10
L4600E 7925N	201	202	4	< 10	4	2.0	0.81	36	180	< 0.5	< 2	0.03	1.5	1	43	74	3.35	< 10	< 1	0.22	10
L4600E 7950N	201	202	8	< 5	8	1.0	1.07	36	250	< 0.5	< 2	0.03	0.5	1	57	61	3.66	< 10	< 1	0.17	10
L4600E 7975N	201	202	8	< 5	10	1.6	1.12	44	610	< 0.5	< 2	0.16	1.5	1	51	59	2.94	< 10	1	0.09	10
L4600E 8000N	201	202	4	< 5	6	0.8	1.12	22	920	< 0.5	< 2	0.12	1.0	3	34	34	2.94	< 10	1	0.11	10
L4600E 8025N	201	202	8	< 5	8	1.0	0.66	26	210	< 0.5	< 2	0.06	1.0	1	36	56	3.05	< 10	< 1	0.19	10
L4600E 8050N	201	202	12	< 5	8	1.0	1.33	50	660	0.5	< 2	0.18	1.5	5	60	44	4.55	< 10	1	0.15	10
L4600E 8075N	201	202	4	< 5	4	1.0	1.13	26	700	0.5	< 2	0.04	< 0.5	1	34	67	2.15	< 10	< 1	0.11	10
L4600E 8100N	201	202	2	< 5	4	0.8	1.58	34	3670	1.5	< 2	0.23	15.5	4	87	70	1.66	< 10	1	0.15	20
L4600E 8125N	201	202	8	< 5	8	1.6	1.26	26	1630	1.0	< 2	0.07	5.5	3	90	93	1.29	< 10	3	0.13	10
L4600E 8150N	201	202	2	< 5	4	0.6	1.57	34	1110	1.0	< 2	1.65	7.0	6	59	60	2.27	< 10	1	0.11	10
L4600E 8175N	201	202	4	< 5	4	1.2	2.25	32	2500	0.5	< 2	0.21	8.5	10	59	81	2.56	< 10	< 1	0.10	10
L4600E 8200N	201	202	< 4	< 10	8	1.4	1.79	30	2210	0.5	< 2	0.14	2.5	4	62	88	2.92	< 10	1	0.10	10
L4600E 9700N	201	202	< 2	< 5	< 2	< 0.2	1.80	2	810	< 0.5	< 2	0.23	0.5	5	35	17	1.65	< 10	< 1	0.06	10
L4600E 9725N	201	202	< 2	< 5	< 2	< 0.2	1.97	< 2	510	< 0.5	< 2	0.24	< 0.5	6	38	15	2.16	< 10	1	0.07	10
L4600E 9750N	201	202	< 2	< 5	< 2	< 0.2	1.78	8	420	< 0.5	< 2	0.22	< 0.5	5	35	10	1.63	< 10	< 1	0.07	10
L4600E 9775N	201	202	2	< 5	< 2	< 0.2	2.07	8	400	< 0.5	< 2	0.23	< 0.5	6	37	17	2.78	< 10	1	0.10	10
L4600E 10025N	201	202	4	< 5	< 2	< 0.2	1.86	6	560	< 0.5	< 2	0.25	0.5	4	36	15	1.79	< 10	1	0.08	10
L4600E 10050N	201	202	2	< 5	< 2	< 0.2	1.86	< 2	600	< 0.5	< 2	0.23	0.5	4	36	16	1.67	< 10	< 1	0.07	10
L4600E 10075N	201	202	< 2	< 5	< 2	< 0.2	1.75	6	430	< 0.5	< 2	0.27	< 0.5	4	32	11	1.75	< 10	< 1	0.08	10
L4600E 10100N	201	202	< 2	< 5	< 2	< 0.2	1.62	2	360	< 0.5	< 2	0.24	< 0.5	3	30	9	1.50	< 10	1	0.08	10
L4600E 10125N	201	202	< 2	< 5	< 2	< 0.2	1.68	2	410	< 0.5	< 2	0.27	< 0.5	4	31	14	2.08	< 10	3	0.07	10
L4600E 10150N	201	202	< 2	< 5	< 2	< 0.2	1.53	12	480	< 0.5	< 2	0.27	< 0.5	4	30	13	2.61	< 10	1	0.07	10
L4600E 10175N	201	202	< 4	< 10	< 4	0.2	1.35	2	720	< 0.5	< 2	0.26	0.5	4	30	14	1.48	< 10	< 1	0.07	10
L4600E 10200N	201	202	6	< 5	2	0.2	1.89	14	980	< 0.5	< 2	0.43	1.0	16	54	25	2.74	< 10	1	0.13	10
L4800E 7800N	201	202	8	< 10	< 4	0.2	1.75	2	670	< 0.5	< 2	0.33	2.0	4	61	26	1.13	< 10	1	0.15	10
L4800E 7825N	201	202	16	< 5	14	1.2	0.64	54	190	< 0.5	< 2	0.13	0.5	1	56	75	4.16	< 10	< 1	0.22	10
L4800E 7850N	201	202	4	< 10	8	1.6	1.02	30	680	< 0.5	< 2	0.06	1.0	1	46	116	2.07	< 10	< 1	0.14	10
L4800E 7875N	201	202	4	< 5	4	0.8	1.53	14	1520	< 0.5	< 2	0.18	0.5	5	52	40	1.63	< 10	1	0.08	10
L4800E 7900N	201	202	2	< 5	< 2	0.2	1.19	2	490	< 0.5	< 2	0.33	0.5	3	29	12	1.40	< 10	1	0.06	10
L4800E 7925N	201	202	4	< 5	4	1.0	1.01	18	1500	0.5	< 2	0.11	1.0	2	45	56	1.31	< 10	< 1	0.09	10
L4800E 7950N	201	202	6	< 5	4	0.8	1.09	44	400	0.5	< 2	0.05	0.5	2	54	47	3.55	< 10	< 1	0.17	20
L4800E 7975N	201	202	8	< 5	6	1.2	1.58	40	580	0.5	< 2	0.38	4.0	6	66	68	3.53	< 10	< 1	0.24	10
L4800E 8000N	201	202	not/ss	not/ss	not/ss	0.6	1.37	16	1490	< 0.5	< 2	0.39	1.5	19	41	28	2.62	< 10	1	0.11	10
L4800E 8025N	201	202	2	< 5	2	1.2	1.12	70	190	0.5	< 2	0.20	3.5	5	45	75	4.24	< 10	1	0.28	30
L4800E 8050N	201	202	< 2	< 5	< 2	< 0.2	1.58	2	690	< 0.5	< 2	0.32	0.5	5	39	16	2.07	< 10	1	0.08	10

CERTIFICATION: Hart Bichler

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To EQUITY ENGINEERING LTD

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

Project : BLK96-04
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CERTIFICATE OF ANALYSIS A9623392

SAMPLE	PREP CODE		Mg %	Mn ppm	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
L4600E 7800N	201	202	0.21	45	7	0.01	14	1530	14	2	< 1	96	< 0.01	< 10	< 10	128	< 10	50
L4600E 7825N	201	202	0.27	45	9	< 0.01	19	960	10	2	< 1	56	0.01	< 10	< 10	190	< 10	64
L4600E 7850N	201	202	0.09	20	33	0.01	17	1130	18	4	< 1	136	< 0.01	< 10	< 10	307	< 10	72
L4600E 7875N	201	202	0.37	80	16	0.01	24	1060	10	6	3	62	0.04	< 10	< 10	289	< 10	76
L4600E 7900N	201	202	0.06	20	3	< 0.01	8	970	4	< 2	< 1	25	0.01	< 10	< 10	73	< 10	12
L4600E 7925N	201	202	0.03	25	28	0.01	26	1910	12	6	< 1	257	0.01	< 10	< 10	488	< 10	204
L4600E 7950N	201	202	0.06	45	27	< 0.01	20	1120	14	6	2	238	0.04	< 10	< 10	581	< 10	134
L4600E 7975N	201	202	0.12	55	20	< 0.01	31	2940	14	4	1	261	0.02	< 10	< 10	465	< 10	118
L4600E 8000N	201	202	0.22	80	17	< 0.01	20	1430	10	6	3	193	0.03	< 10	< 10	286	< 10	92
L4600E 8025N	201	202	0.12	65	38	0.01	25	1500	12	2	3	282	0.01	< 10	< 10	368	< 10	90
L4600E 8050N	201	202	0.27	225	18	0.01	24	3040	12	2	4	356	0.04	< 10	< 10	389	< 10	198
L4600E 8075N	201	202	0.10	35	63	< 0.01	17	950	12	6	3	250	0.03	< 10	< 10	639	< 10	62
L4600E 8100N	201	202	0.24	95	77	< 0.01	318	1370	8	2	5	263	0.08	< 10	< 10	2470	< 10	1085
L4600E 8125N	201	202	0.09	60	51	< 0.01	65	1160	12	8	5	446	0.13	10	< 10	1890	< 10	206
L4600E 8150N	201	202	1.07	270	53	< 0.01	207	1570	10	6	4	373	0.06	10	< 10	1100	< 10	708
L4600E 8175N	201	202	0.46	340	39	< 0.01	193	1360	10	6	6	155	0.04	< 10	< 10	807	< 10	638
L4600E 8200N	201	202	0.33	60	48	< 0.01	86	1270	14	6	4	146	0.03	< 10	< 10	783	< 10	262
L4600E 9700N	201	202	0.42	95	1	< 0.01	19	430	10	< 2	4	25	0.06	< 10	< 10	105	< 10	102
L4600E 9725N	201	202	0.47	100	1	< 0.01	20	620	8	< 2	4	24	0.06	< 10	< 10	113	< 10	98
L4600E 9750N	201	202	0.38	85	< 1	< 0.01	16	410	10	2	4	22	0.06	< 10	< 10	83	< 10	74
L4600E 9775N	201	202	0.45	145	1	< 0.01	20	580	10	2	4	23	0.07	< 10	< 10	120	< 10	86
L4600E 10025N	201	202	0.42	85	< 1	< 0.01	18	420	10	2	4	26	0.08	< 10	< 10	124	< 10	94
L4600E 10050N	201	202	0.39	80	< 1	< 0.01	18	410	8	< 2	4	24	0.07	< 10	< 10	114	< 10	96
L4600E 10075N	201	202	0.39	85	< 1	< 0.01	16	560	8	2	3	24	0.07	< 10	< 10	82	< 10	74
L4600E 10100N	201	202	0.37	85	< 1	< 0.01	15	440	8	2	3	23	0.08	< 10	< 10	79	< 10	70
L4600E 10125N	201	202	0.38	85	< 1	< 0.01	16	570	10	2	3	24	0.07	< 10	< 10	90	< 10	76
L4600E 10150N	201	202	0.37	85	1	< 0.01	17	650	8	< 2	3	25	0.06	< 10	< 10	104	< 10	80
L4600E 10175N	201	202	0.32	70	1	< 0.01	15	770	10	< 2	3	26	0.04	< 10	< 10	93	< 10	72
L4600E 10200N	201	202	0.74	480	18	0.01	42	1280	10	4	4	67	0.04	< 10	< 10	194	< 10	174
L4800E 7800N	201	202	0.62	80	3	< 0.01	25	910	10	2	4	31	0.06	< 10	< 10	101	< 10	92
L4800E 7825N	201	202	0.09	45	24	0.02	27	3990	16	2	3	332	0.02	< 10	< 10	442	< 10	134
L4800E 7850N	201	202	0.11	25	48	0.01	31	1770	18	8	< 1	196	< 0.01	< 10	< 10	435	< 10	100
L4800E 7875N	201	202	0.49	55	13	< 0.01	41	1310	14	6	3	151	0.03	< 10	< 10	266	< 10	140
L4800E 7900N	201	202	0.37	75	5	< 0.01	24	890	8	2	2	60	0.03	< 10	< 10	118	< 10	86
L4800E 7925N	201	202	0.22	35	22	< 0.01	31	1180	16	6	1	156	0.01	< 10	< 10	330	< 10	90
L4800E 7950N	201	202	0.23	95	32	0.01	37	1960	22	6	2	410	0.01	< 10	< 10	666	< 10	244
L4800E 7975N	201	202	0.34	140	26	0.01	66	3760	16	10	3	521	0.03	< 10	< 10	550	< 10	288
L4800E 8000N	201	202	0.45	520	20	0.01	38	1690	12	6	3	107	0.04	< 10	< 10	260	< 10	144
L4800E 8025N	201	202	0.35	70	134	0.02	207	1570	20	14	3	244	0.01	10	< 10	896	< 10	562
L4800E 8050N	201	202	0.47	100	1	< 0.01	24	820	12	4	4	36	0.06	< 10	< 10	162	< 10	138

CERTIFICATION: Stuart Bichler

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To EQUITY ENGINEERING LTD

207 - 675 W HASTINGS ST
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Project : BLK96-04
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CERTIFICATE OF ANALYSIS A9623392

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
L4800E 8075N	201	202	4	< 5	2	0.2	2.28	10	950	0.5	< 2	0.50	1.5	23	90	52	4.17	< 10	< 1	0.18	20
L4800E 8100N	201	202	< 4	< 10	< 4	< 0.2	1.75	14	1400	0.5	< 2	0.77	2.5	16	69	37	3.85	< 10	< 1	0.24	10
L4800E 8125N	201	202	4	< 5	2	0.4	1.88	10	2020	0.5	< 2	0.87	3.0	14	82	60	3.53	< 10	< 1	0.20	10
L4800E 8150N	201	202	< 2	< 5	< 2	< 0.2	1.69	8	2290	< 0.5	< 2	0.18	0.5	6	48	17	2.74	< 10	< 1	0.08	10
L4800E 8175N	201	202	2	< 5	2	0.2	1.61	10	2140	< 0.5	< 2	0.26	0.5	9	40	25	2.46	< 10	1	0.07	10
L4800E 8200N	201	202	< 2	< 5	4	0.6	0.95	24	1160	0.5	< 2	7.82	4.5	6	51	59	1.11	< 10	2	0.06	10
L4800E 9700N	201	202	4	< 10	12	2.0	1.15	42	2500	1.5	< 2	1.96	28.0	7	212	157	2.09	< 10	1	0.12	20
L4800E 9725N	201	202	< 4	< 10	< 4	0.6	1.76	8	1430	< 0.5	< 2	0.37	1.0	7	58	22	2.50	< 10	< 1	0.08	10
L4800E 9750N	201	202	< 4	< 10	< 4	0.2	1.71	6	910	< 0.5	< 2	0.34	0.5	7	44	14	2.51	< 10	< 1	0.08	10
L4800E 9775N	201	202	< 2	< 5	2	0.4	1.83	8	1160	< 0.5	< 2	0.33	0.5	10	52	15	2.38	< 10	1	0.09	10
L4800E 9800N	201	202	< 2	< 5	< 2	< 0.2	2.12	6	1250	< 0.5	< 2	0.41	0.5	9	65	13	2.56	< 10	< 1	0.12	10
L4800E 9825N	201	202	< 4	< 10	< 4	0.2	2.05	10	1180	< 0.5	< 2	0.42	1.0	14	78	17	3.14	< 10	< 1	0.10	10
L4800E 9850N	201	202	2	< 5	< 2	0.6	2.10	8	670	0.5	< 2	0.49	2.5	14	80	34	2.81	< 10	1	0.13	20
L4800E 9875N	201	202	4	< 5	10	2.0	1.54	42	2480	1.0	< 2	1.06	16.0	12	168	111	2.75	< 10	1	0.16	20
L4800E 9900N	201	202	2	< 5	12	5.2	1.05	64	2070	1.0	< 2	2.80	83.0	5	141	227	1.62	< 10	3	0.20	30
L4800E 9925N	201	202	< 4	< 10	12	5.0	1.13	56	2150	1.0	< 2	2.51	68.0	5	140	214	1.67	< 10	4	0.20	30
L4800E 9950N	201	202	4	< 10	16	5.4	1.35	84	2870	1.0	< 2	3.31	98.0	7	218	325	2.13	10	4	0.28	30
L4800E 9975N	201	202	4	< 10	16	8.4	2.24	86	1940	1.5	< 2	2.42	>100.0	14	214	290	3.10	10	6	0.27	40
L4800E 10025N	201	202	< 2	< 5	< 2	0.2	1.66	6	870	< 0.5	< 2	0.32	0.5	6	45	14	2.33	< 10	1	0.09	10
L4800E 10050N	201	202	2	< 5	< 2	1.4	0.79	14	1170	< 0.5	< 2	0.15	1.0	4	35	24	1.65	< 10	1	0.09	10
L4800E 10075N	201	202	< 2	< 5	2	0.4	1.80	8	1100	< 0.5	< 2	0.35	1.5	6	56	38	2.25	< 10	1	0.09	10
L4800E 10100N	201	202	2	< 5	< 2	0.2	2.09	8	870	0.5	< 2	0.23	1.0	10	54	31	2.78	< 10	1	0.09	10
L4800E 10125N	201	202	< 2	< 5	< 2	< 0.2	2.03	14	460	< 0.5	< 2	0.17	< 0.5	8	43	18	3.24	< 10	1	0.09	10
L4800E 10150N	201	202	< 4	< 10	< 2	< 0.2	1.19	8	900	< 0.5	< 2	0.16	1.5	3	33	13	1.80	< 10	< 1	0.09	10
L4800E 10175N	201	202	2	< 5	2	< 0.2	1.79	14	2490	0.5	< 2	0.54	1.0	14	69	40	3.12	< 10	< 1	0.17	10
L4800E 10200N	201	202	2	< 5	2	< 0.2	2.04	14	2960	0.5	< 2	0.64	0.5	12	117	39	2.92	< 10	< 1	0.36	10
L5000E 7900N	201	202	< 2	< 5	< 2	< 0.2	1.79	10	500	< 0.5	< 2	0.34	< 0.5	5	41	16	2.73	< 10	< 1	0.12	10
L5000E 7925N	201	202	2	< 5	2	0.2	2.11	6	670	0.5	< 2	0.43	0.5	15	53	48	2.81	< 10	2	0.15	10
L5000E 7950N	201	202	2	< 5	2	0.2	1.81	12	570	< 0.5	< 2	0.29	< 0.5	6	46	35	3.40	< 10	< 1	0.08	10
L5000E 7975N	201	202	2	< 5	2	0.2	1.87	2	650	0.5	< 2	0.30	0.5	8	43	37	2.60	< 10	1	0.08	10
L5000E 8000N	201	202	2	< 5	2	0.2	1.80	6	870	< 0.5	< 2	0.25	0.5	8	43	21	2.21	< 10	1	0.09	10
L5000E 8025N	201	202	4	< 5	6	1.2	0.41	28	320	< 0.5	< 2	0.05	1.5	1	33	28	2.64	< 10	< 1	0.23	10
L5000E 8050N	201	202	< 2	< 5	< 2	< 0.2	1.27	< 2	1380	< 0.5	< 2	0.56	1.0	3	30	17	0.82	< 10	< 1	0.06	< 10
L5000E 8075N	201	202	2	< 5	2	< 0.2	2.04	10	2380	< 0.5	< 2	0.15	0.5	7	45	28	2.92	< 10	1	0.09	10
L5000E 8100N	201	202	< 2	< 5	< 2	< 0.2	1.57	8	2350	< 0.5	< 2	0.21	0.5	8	43	25	2.72	< 10	2	0.11	10
L5000E 8125N	201	202	8	< 5	4	0.4	1.75	22	2130	0.5	< 2	0.66	2.0	16	81	56	3.49	< 10	< 1	0.21	20
L5000E 8150N	201	202	< 4	< 10	4	0.4	1.43	20	1690	< 0.5	< 2	0.41	0.5	8	64	31	2.65	< 10	1	0.14	10
L5000E 8175N	201	202	2	< 5	2	0.2	1.53	6	1450	< 0.5	< 2	0.22	0.5	11	35	11	2.33	< 10	< 1	0.09	10
L5000E 8200N	201	202	< 2	< 5	2	0.2	1.64	8	1730	< 0.5	< 2	0.25	0.5	7	36	16	2.39	< 10	< 1	0.07	10
L5000E 8225N	201	202	not/ss	not/ss	not/ss	0.2	1.79	18	1980	< 0.5	< 2	0.30	1.0	8	39	11	4.37	< 10	< 1	0.08	10

CERTIFICATION Ian Bichler

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SAMPLE	PREP CODE	Mg %	Mn ppm	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
L4800E 8075N	201 202	1.28	725	6	0.01	79	1650	10	2	7	51	0.06	< 10	< 10	151	< 10	252
L4800E 8100N	201 202	1.11	660	8	< 0.01	71	2160	10	2	6	79	0.06	< 10	< 10	175	< 10	230
L4800E 8125N	201 202	1.30	325	5	0.01	92	1860	8	< 2	8	126	0.06	< 10	< 10	175	< 10	306
L4800E 8150N	201 202	0.59	190	8	< 0.01	32	870	8	2	3	44	0.04	< 10	< 10	184	< 10	120
L4800E 8175N	201 202	0.54	235	4	< 0.01	31	910	10	< 2	4	43	0.05	< 10	< 10	120	< 10	126
L4800E 8200N	201 202	1.88	150	49	< 0.01	226	1580	6	6	4	889	0.05	10	< 10	1435	< 10	488
L4800E 9700N	201 202	0.84	345	36	< 0.01	363	3330	12	6	7	386	0.06	< 10	< 10	1835	< 10	2040
L4800E 9725N	201 202	0.67	145	4	< 0.01	38	1120	8	< 2	4	44	0.07	< 10	< 10	182	< 10	168
L4800E 9750N	201 202	0.51	205	6	< 0.01	26	990	10	< 2	3	35	0.07	< 10	< 10	158	< 10	126
L4800E 9775N	201 202	0.59	370	6	< 0.01	28	980	10	< 2	4	43	0.07	< 10	< 10	186	< 10	152
L4800E 9800N	201 202	0.84	155	4	< 0.01	36	1010	10	2	4	41	0.11	< 10	< 10	165	< 10	166
L4800E 9825N	201 202	0.70	595	15	< 0.01	39	1120	16	2	4	53	0.10	< 10	< 10	374	< 10	232
L4800E 9850N	201 202	0.85	410	6	< 0.01	61	960	12	2	6	64	0.15	< 10	< 10	450	< 10	624
L4800E 9875N	201 202	0.85	310	34	< 0.01	268	2530	16	6	7	220	0.08	< 10	< 10	1405	< 10	2070
L4800E 9900N	201 202	0.25	175	98	< 0.01	509	3210	68	12	7	600	0.11	10	< 10	3860	< 10	6550
L4800E 9925N	201 202	0.24	160	122	< 0.01	488	3020	194	12	8	597	0.12	< 10	< 10	3610	< 10	6160
L4800E 9950N	201 202	0.30	150	133	< 0.01	628	2840	34	14	7	731	0.17	10	< 10	5540	< 10	8850
L4800E 9975N	201 202	0.41	545	140	< 0.01	603	3360	154	22	11	486	0.12	10	< 10	4790	< 10	9560
L4800E 10025N	201 202	0.44	130	6	< 0.01	27	840	10	< 2	3	36	0.07	< 10	< 10	220	< 10	176
L4800E 10050N	201 202	0.22	145	13	< 0.01	20	960	292	2	1	104	0.04	< 10	< 10	198	< 10	124
L4800E 10075N	201 202	0.51	175	4	< 0.01	41	940	26	2	4	53	0.06	< 10	< 10	283	< 10	236
L4800E 10100N	201 202	0.52	195	5	< 0.01	49	740	16	2	4	36	0.07	< 10	< 10	259	< 10	258
L4800E 10125N	201 202	0.45	425	5	< 0.01	24	770	16	2	3	25	0.05	< 10	< 10	200	< 10	150
L4800E 10150N	201 202	0.20	130	7	< 0.01	17	630	20	2	1	28	0.04	< 10	< 10	283	< 10	96
L4800E 10175N	201 202	0.94	310	13	< 0.01	52	2180	8	2	4	75	0.07	< 10	< 10	235	< 10	206
L4800E 10200N	201 202	1.00	185	13	0.01	46	2960	8	< 2	5	85	0.07	< 10	< 10	312	< 10	144
L5000E 7900N	201 202	0.59	95	3	< 0.01	24	900	10	< 2	4	32	0.05	< 10	< 10	116	< 10	92
L5000E 7925N	201 202	0.81	490	1	< 0.01	47	1160	8	2	6	40	0.06	< 10	< 10	123	< 10	138
L5000E 7950N	201 202	0.62	95	< 1	< 0.01	33	990	10	2	5	33	0.05	< 10	< 10	106	< 10	108
L5000E 7975N	201 202	0.60	110	1	< 0.01	32	920	8	2	5	28	0.06	< 10	< 10	97	< 10	108
L5000E 8000N	201 202	0.56	145	6	< 0.01	28	890	8	< 2	3	56	0.06	< 10	< 10	156	< 10	122
L5000E 8025N	201 202	0.06	30	40	0.01	13	1040	14	6	1	207	0.01	< 10	< 10	402	< 10	42
L5000E 8050N	201 202	0.28	65	6	< 0.01	18	760	6	< 2	3	60	0.04	< 10	< 10	86	< 10	144
L5000E 8075N	201 202	0.43	190	8	< 0.01	41	890	8	2	3	54	0.05	< 10	< 10	228	< 10	184
L5000E 8100N	201 202	0.45	210	8	< 0.01	60	880	8	2	3	52	0.06	< 10	< 10	223	< 10	320
L5000E 8125N	201 202	1.13	170	13	0.01	116	2350	12	2	6	117	0.05	< 10	< 10	266	< 10	490
L5000E 8150N	201 202	0.62	130	11	0.01	51	1290	10	< 2	3	83	0.05	< 10	< 10	223	< 10	218
L5000E 8175N	201 202	0.42	460	10	< 0.01	22	860	8	4	3	47	0.05	< 10	< 10	175	< 10	112
L5000E 8200N	201 202	0.44	260	8	< 0.01	25	920	10	< 2	3	43	0.05	< 10	< 10	152	< 10	126
L5000E 8225N	201 202	0.43	335	40	< 0.01	28	890	28	< 2	3	43	0.06	< 10	< 10	260	< 10	188

CERTIFICATION Hart Bichler

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Project BLK96-04
Comments: ATTN DA CAUFIELD

Page Number :3-A
Total Pages :5
Certificate Date 16-JUL-96
Invoice No. .I9623392
P O. Number
Account EIA

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CERTIFICATE OF ANALYSIS A9623392

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
L5000E 8250N	201	202	< 2	< 5	< 2	< 0.2	1.42	2	1060	< 0.5	< 2	0.24	< 0.5	3	29	7	1.40	< 10	1	0.08	10
L5000E 8275N	201	202	< 12	< 30	< 12	0.2	1.79	8	1290	< 0.5	< 2	0.23	0.5	5	39	13	4.43	< 10	1	0.07	10
L5000E 8300N	201	202	< 4	< 10	< 4	0.4	1.31	4	1150	< 0.5	< 2	0.21	0.5	4	32	16	1.81	< 10	1	0.07	10
L5000E 9700N	201	202	2	< 5	12	2.8	1.22	38	2040	0.5	< 2	1.65	28.0	8	133	112	1.76	< 10	1	0.17	10
L5000E 9725N	201	202	2	< 5	8	2.6	1.01	64	1090	1.5	< 2	1.21	22.5	8	106	122	2.17	< 10	2	0.20	30
L5000E 9750N	201	202	2	< 5	8	2.4	0.95	52	1190	1.5	< 2	2.38	28.0	8	100	131	1.76	< 10	2	0.20	20
L5000E 9775N	201	202	6	< 5	14	3.0	1.17	42	8480	0.5	< 2	1.58	25.0	13	161	90	3.10	< 10	2	0.12	10
L5000E 9800N	201	202	2	< 5	4	0.8	1.27	30	1400	0.5	< 2	0.14	3.5	11	87	55	3.61	< 10	1	0.10	10
L5000E 9825N	201	202	< 4	< 10	< 4	1.0	1.32	6	1490	< 0.5	< 2	0.59	8.0	8	58	30	1.51	< 10	< 1	0.09	10
L5000E 9850N	201	202	2	< 5	4	0.8	1.54	14	1900	0.5	< 2	0.50	3.5	8	80	34	2.21	< 10	2	0.09	10
L5000E 9875N	201	202	2	< 5	4	1.8	1.27	16	1460	< 0.5	< 2	0.35	5.5	6	75	32	1.85	< 10	< 1	0.10	10
L5000E 9900N	201	202	10	< 5	8	1.4	0.66	60	250	< 0.5	< 2	0.23	15.0	5	37	79	4.06	< 10	< 1	0.40	< 10
L5000E 9925N	201	202	2	< 5	10	1.4	0.59	28	780	< 0.5	< 2	9.38	3.5	7	25	114	1.58	< 10	< 1	0.10	< 10
L5000E 9950N	201	202	2	< 5	4	0.6	1.15	22	1070	0.5	< 2	0.92	9.0	10	51	58	2.33	< 10	1	0.14	10
L5000E 9975N	201	202	2	< 5	4	0.6	1.26	16	1310	0.5	< 2	0.58	4.0	4	57	43	1.89	< 10	2	0.10	10
L5000E 10025N	201	202	< 2	< 5	< 2	0.8	1.37	22	760	< 0.5	< 2	0.09	0.5	5	62	28	3.98	< 10	1	0.11	10
L5000E 10050N	201	202	4	< 5	2	0.6	2.46	6	1230	0.5	< 2	0.25	1.0	9	73	35	4.09	< 10	1	0.10	10
L5000E 10075N	201	202	< 4	< 10	4	0.2	1.48	12	1670	< 0.5	< 2	1.34	1.5	12	77	46	3.24	< 10	1	0.13	10
L5000E 10100N	201	202	< 2	< 5	4	0.2	1.55	16	1660	0.5	< 2	1.01	1.5	11	85	43	3.26	< 10	< 1	0.10	10
L5000E 10125N	201	202	< 4	< 10	4	1.6	1.66	18	2070	0.5	< 2	0.40	4.0	13	79	83	4.24	< 10	< 1	0.14	10
L5000E 10150N	201	202	< 6	< 15	< 6	0.8	1.37	16	1560	0.5	< 2	0.30	2.0	7	69	47	3.68	< 10	< 1	0.13	10
L5000E 10175N	201	202	2	< 5	2	0.4	1.30	6	920	< 0.5	< 2	0.28	1.0	6	43	28	2.22	< 10	1	0.09	10
L5000E 10200N	201	202	2	< 5	2	0.2	1.40	8	860	< 0.5	< 2	0.30	0.5	5	35	15	2.16	< 10	< 1	0.06	10
L5200E 7800N	201	202	< 2	< 5	2	< 0.2	2.82	2	540	0.5	< 2	0.44	0.5	21	126	61	3.85	< 10	2	0.08	10
L5200E 7825N	201	202	< 2	< 5	< 2	0.2	2.16	2	1910	< 0.5	< 2	0.32	0.5	13	78	38	3.93	< 10	1	0.07	10
L5200E 7850N	201	202	< 2	< 5	2	0.2	2.01	2	3630	< 0.5	< 2	0.31	0.5	9	68	22	2.52	< 10	< 1	0.08	10
L5200E 7875N	201	202	< 2	< 5	< 2	0.2	1.28	12	3000	< 0.5	< 2	0.19	2.0	6	40	24	2.04	< 10	< 1	0.09	10
L5200E 7900N	201	202	4	< 5	2	0.2	1.75	14	2360	< 0.5	< 2	0.31	1.5	9	45	26	2.31	< 10	1	0.09	10
L5200E 7925N	201	202	< 2	< 5	2	< 0.2	1.94	12	2090	< 0.5	< 2	0.31	1.5	7	45	24	3.13	< 10	< 1	0.08	10
L5200E 7950N	201	202	< 2	< 5	2	< 0.2	1.69	< 2	1980	< 0.5	< 2	0.30	1.0	6	38	25	2.20	< 10	1	0.06	10
L5200E 7975N	201	202	2	< 5	< 2	< 0.2	1.76	8	2130	< 0.5	< 2	0.31	0.5	6	35	22	1.96	< 10	< 1	0.07	10
L5200E 8000N	201	202	2	< 5	< 2	0.2	1.78	< 2	2120	< 0.5	< 2	0.34	1.5	5	40	24	1.61	< 10	< 1	0.07	10
L5200E 8025N	201	202	2	< 5	< 2	0.2	1.73	12	1950	< 0.5	< 2	0.34	0.5	9	46	29	3.10	< 10	1	0.09	10
L5200E 8050N	201	202	4	< 5	4	1.0	1.71	24	690	< 0.5	< 2	0.36	1.0	11	62	44	3.48	< 10	< 1	0.24	10
L5200E 8075N	201	202	4	< 5	6	1.2	1.51	28	1380	0.5	< 2	0.51	2.5	8	49	52	2.66	< 10	< 1	0.16	10
L5200E 8100N	201	202	< 2	< 5	2	0.2	2.11	14	1920	< 0.5	< 2	0.32	0.5	22	58	20	3.82	< 10	1	0.13	10
L5200E 8125N	201	202	6	< 5	6	0.6	2.43	32	1290	0.5	< 2	0.35	2.5	17	68	47	4.57	< 10	1	0.15	10
L5200E 8150N	201	202	2	< 5	2	0.4	1.90	6	1370	< 0.5	< 2	0.29	< 0.5	11	50	13	2.67	< 10	1	0.10	10
L5200E 8175N	201	202	2	< 5	2	0.4	2.14	4	1520	< 0.5	< 2	0.30	0.5	9	56	24	2.81	< 10	< 1	0.10	10
L5200E 8200N	201	202	< 2	< 5	< 2	0.2	1.55	6	1960	< 0.5	< 2	0.35	< 0.5	9	43	20	2.29	< 10	1	0.07	10

CERTIFICATION: Stewart Buchlen

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To EQUITY ENGINEERING LTD

207 - 675 W HASTINGS ST
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Project BLK96-04
Comments ATTN DA. CAUFIELD

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CERTIFICATE OF ANALYSIS A9623392

SAMPLE	PREP CODE		Mg %	Mn ppm	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
L5000E 8250N	201	202	0.36	80	3	< 0.01	17	490	8	< 2	3	32	0.07	< 10	< 10	130	< 10	70
L5000E 8275N	201	202	0.40	95	24	< 0.01	23	870	8	4	3	36	0.05	< 10	< 10	195	< 10	110
L5000E 8300N	201	202	0.26	60	4	< 0.01	19	950	8	2	3	35	0.04	< 10	< 10	121	< 10	68
L5000E 9700N	201	202	0.59	605	30	< 0.01	270	3250	16	8	5	322	0.04	< 10	< 10	1530	< 10	2670
L5000E 9725N	201	202	0.80	145	103	< 0.01	390	1020	16	6	5	125	0.01	< 10	< 10	2110	< 10	2720
L5000E 9750N	201	202	1.40	160	78	< 0.01	383	1150	16	6	5	196	0.01	< 10	< 10	2060	< 10	3120
L5000E 9775N	201	202	0.86	390	30	< 0.01	313	2820	32	10	6	296	0.06	< 10	< 10	975	< 10	2880
L5000E 9800N	201	202	0.29	280	41	< 0.01	170	1070	38	10	3	129	0.03	< 10	< 10	1490	< 10	1460
L5000E 9825N	201	202	0.40	295	12	< 0.01	80	1150	16	2	3	99	0.05	< 10	< 10	700	< 10	780
L5000E 9850N	201	202	0.52	180	13	< 0.01	82	1380	18	4	4	112	0.07	< 10	< 10	838	< 10	806
L5000E 9875N	201	202	0.37	140	19	< 0.01	61	1210	30	2	3	133	0.05	< 10	< 10	846	< 10	628
L5000E 9900N	201	202	0.17	75	101	0.01	78	1670	28	10	4	411	0.01	< 10	< 10	429	< 10	708
L5000E 9925N	201	202	0.27	380	29	< 0.01	144	2300	12	6	3	621	< 0.01	< 10	< 10	321	< 10	718
L5000E 9950N	201	202	0.58	320	20	0.01	115	1440	18	2	4	170	0.04	< 10	< 10	429	< 10	906
L5000E 9975N	201	202	0.44	120	22	< 0.01	67	1320	18	2	3	140	0.04	< 10	< 10	620	< 10	350
L5000E 10025N	201	202	0.34	180	18	< 0.01	38	1190	18	2	3	62	0.06	< 10	< 10	530	< 10	160
L5000E 10050N	201	202	0.71	120	11	< 0.01	38	1620	10	2	4	51	0.06	< 10	< 10	236	< 10	184
L5000E 10075N	201	202	0.85	425	14	< 0.01	64	1910	10	4	5	105	0.05	< 10	< 10	348	< 10	252
L5000E 10100N	201	202	0.77	270	20	< 0.01	86	1150	20	< 2	5	154	0.10	< 10	< 10	336	< 10	328
L5000E 10125N	201	202	0.61	435	18	< 0.01	65	2060	16	2	4	99	0.03	< 10	< 10	393	< 10	262
L5000E 10150N	201	202	0.40	235	20	< 0.01	50	2790	14	2	< 1	92	< 0.01	< 10	< 10	385	< 10	228
L5000E 10175N	201	202	0.43	155	8	< 0.01	31	1090	10	2	3	44	0.04	< 10	< 10	219	< 10	170
L5000E 10200N	201	202	0.33	135	6	< 0.01	22	840	8	< 2	3	34	0.04	< 10	< 10	193	< 10	110
L5200E 7800N	201	202	1.64	115	< 1	0.01	92	1080	6	< 2	10	40	0.03	< 10	< 10	135	< 10	128
L5200E 7825N	201	202	0.97	115	1	< 0.01	52	1000	6	2	7	48	0.04	< 10	< 10	130	< 10	160
L5200E 7850N	201	202	0.81	175	5	< 0.01	51	950	8	< 2	4	90	0.04	< 10	< 10	206	< 10	282
L5200E 7875N	201	202	0.46	115	23	< 0.01	92	630	8	4	3	63	0.02	< 10	< 10	317	< 10	374
L5200E 7900N	201	202	0.58	130	11	< 0.01	87	740	8	< 2	4	48	0.06	< 10	< 10	326	< 10	394
L5200E 7925N	201	202	0.52	95	12	< 0.01	65	650	8	< 2	5	40	0.06	< 10	< 10	307	< 10	324
L5200E 7950N	201	202	0.48	90	8	< 0.01	53	670	8	2	4	36	0.05	< 10	< 10	263	< 10	220
L5200E 7975N	201	202	0.45	95	4	< 0.01	32	640	8	2	4	34	0.05	< 10	< 10	162	< 10	134
L5200E 8000N	201	202	0.51	95	2	< 0.01	40	540	8	< 2	5	41	0.06	< 10	< 10	243	< 10	192
L5200E 8025N	201	202	0.63	225	5	< 0.01	48	820	8	< 2	5	46	0.06	< 10	< 10	219	< 10	208
L5200E 8050N	201	202	0.81	295	30	0.02	60	1360	12	4	5	202	0.05	< 10	< 10	498	< 10	278
L5200E 8075N	201	202	0.53	230	34	0.01	78	2060	10	6	4	259	0.05	< 10	< 10	597	< 10	338
L5200E 8100N	201	202	0.71	785	16	< 0.01	42	1230	10	2	4	91	0.06	< 10	< 10	250	< 10	238
L5200E 8125N	201	202	0.65	560	27	< 0.01	110	2480	12	6	5	335	0.05	< 10	< 10	457	< 10	644
L5200E 8150N	201	202	0.63	390	9	< 0.01	30	970	10	< 2	3	46	0.06	< 10	< 10	220	< 10	156
L5200E 8175N	201	202	0.67	165	7	< 0.01	36	1000	12	< 2	5	47	0.07	< 10	< 10	227	< 10	186
L5200E 8200N	201	202	0.63	170	6	< 0.01	32	1050	8	< 2	3	47	0.07	< 10	< 10	161	< 10	142

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L5200E 9700N	201	202	12	5	12	4.0	1.51	46	1960	1.5	< 2	2.00	43.5	10	92	108	2.38	10	< 1	0.15	20
L5200E 9725N	201	202	10	< 5	10	4.2	1.78	62	2170	1.0	< 2	1.04	42.0	9	117	158	2.60	10	< 1	0.20	30
L5200E 9750N	201	202	6	< 5	6	2.2	1.71	32	2940	0.5	< 2	0.85	30.5	7	75	98	1.94	< 10	1	0.14	20
L5200E 9775N	201	202	6	< 5	6	2.8	1.57	20	3260	0.5	< 2	1.39	26.5	7	59	90	1.72	< 10	< 1	0.11	10
L5200E 10000N	201	202	6	< 5	8	1.8	1.28	42	1260	0.5	< 2	0.42	16.5	8	143	68	2.18	< 10	< 1	0.15	20
L5200E 10025N	201	202	8	< 5	16	5.6	1.30	38	800	0.5	< 2	1.48	40.5	6	96	143	1.43	< 10	< 1	0.13	10
L5200E 10050N	201	202	6	< 5	12	5.6	1.57	54	790	1.0	< 2	1.47	48.5	8	118	158	1.80	< 10	< 1	0.18	10
L5200E 10075N	201	202	10	< 5	6	2.6	1.09	32	1240	0.5	< 2	0.38	15.0	6	76	62	2.15	< 10	< 1	0.12	10
L5200E 10100N	201	202	10	< 5	12	4.2	1.35	48	680	0.5	< 2	1.53	41.5	6	92	147	2.68	< 10	< 1	0.18	10
L5200E 10125N	201	202	< 4	< 10	< 4	0.6	0.81	20	890	0.5	< 2	0.73	9.0	8	46	52	2.08	< 10	< 1	0.13	10
L5200E 10150N	201	202	8	< 5	6	0.6	1.32	36	1860	1.0	2	5.92	9.0	12	40	177	2.69	< 10	< 1	0.09	10
L5200E 10175N	201	202	< 24	< 60	< 24	0.4	1.43	34	2570	1.0	2	10.45	13.0	11	32	83	2.12	< 10	< 1	0.07	< 10
L5200E 10200N	201	202	< 4	< 10	8	0.8	7.06	130	1020	3.0	< 2	2.52	31.5	41	78	274	3.57	< 10	< 1	0.19	10
L5300E 7600N	201	202	4	< 10	4	0.8	1.42	8	290	1.0	< 2	0.31	1.5	8	46	37	2.37	< 10	< 1	0.13	10
L5300E 7650N	201	202	2	< 5	2	0.2	2.93	14	350	0.5	< 2	0.96	1.5	32	170	55	4.54	10	< 1	0.08	10
L5300E 7675N	201	202	2	< 5	< 2	< 0.2	3.25	2	310	0.5	< 2	0.65	1.5	36	166	38	4.57	10	< 1	0.06	10
L5300E 7700N	201	202	2	< 5	< 2	< 0.2	3.06	8	270	0.5	< 2	0.54	1.5	27	150	39	3.77	10	< 1	0.07	10
L5300E 7725N	201	202	2	< 5	2	< 0.2	2.51	8	260	0.5	< 2	0.58	0.5	20	112	24	3.71	10	< 1	0.07	10
L5300E 7750N	201	202	< 2	< 5	< 2	< 0.2	2.11	8	320	0.5	< 2	0.41	0.5	17	91	28	3.51	10	< 1	0.06	10
L5300E 7775N	201	202	2	< 5	< 2	< 0.2	2.02	8	270	0.5	2	0.53	0.5	15	78	25	2.81	10	< 1	0.07	10
L5300E 7800N	201	202	2	< 5	< 2	< 0.2	2.18	6	260	0.5	< 2	0.63	1.5	18	96	42	2.82	10	< 1	0.07	10
L5300E 7825N	201	202	2	< 5	< 2	< 0.2	1.60	6	410	0.5	< 2	0.39	1.0	12	57	27	2.43	10	< 1	0.08	10
L5300E 7850N	201	202	< 2	< 5	< 2	< 0.2	1.94	10	320	0.5	< 2	0.66	0.5	15	76	21	3.09	10	< 1	0.09	10
L5300E 7875N	201	202	2	< 5	< 2	< 0.2	1.66	8	540	0.5	< 2	0.40	1.0	6	52	30	2.40	10	< 1	0.09	10
L5300E 7900N	201	202	2	< 5	< 2	0.2	2.03	12	550	0.5	< 2	0.33	1.5	10	65	36	2.78	10	< 1	0.10	10
L5300E 7925N	201	202	2	< 5	8	< 0.2	2.00	16	660	0.5	< 2	0.22	1.5	8	55	29	2.71	10	< 1	0.09	10
L5300E 7950N	201	202	4	< 5	2	0.4	1.33	22	1500	0.5	< 2	0.10	2.0	4	51	43	2.44	< 10	< 1	0.15	10
L5300E 7975N	201	202	6	< 5	4	0.4	2.59	28	4820	1.0	< 2	0.63	4.0	24	123	88	4.52	10	< 1	0.19	20
L5300E 8000N	201	202	2	< 5	2	0.2	2.03	16	3670	0.5	< 2	0.43	4.0	21	90	60	3.61	10	< 1	0.15	20
L5400E 7600N	201	202	2	< 5	2	0.2	3.00	10	310	0.5	< 2	0.47	0.5	34	230	36	4.87	10	< 1	0.11	10
L5400E 7620N A	201	202	2	< 5	2	0.2	2.32	4	280	0.5	2	0.43	0.5	14	117	24	2.74	10	< 1	0.12	10
L5400E 7625N B	201	202	2	< 5	2	0.8	1.75	10	270	0.5	< 2	0.49	0.5	13	60	25	2.82	10	< 1	0.09	10
L5400E 7675N	201	202	2	< 5	2	< 0.2	1.73	4	250	< 0.5	< 2	0.47	0.5	9	53	24	2.52	10	< 1	0.09	10
L5400E 7700N	201	202	2	< 5	< 2	< 0.2	2.07	12	350	0.5	2	0.33	0.5	20	113	56	4.74	10	< 1	0.11	10
L5400E 7725N	201	202	4	< 5	< 2	< 0.2	1.77	10	270	0.5	< 2	0.45	0.5	21	88	48	3.87	10	< 1	0.10	10
L5400E 7750N	201	202	< 2	< 5	2	< 0.2	2.40	8	250	0.5	2	0.33	0.5	26	104	39	4.26	10	< 1	0.06	10
L5400E 7775N	201	202	2	< 5	< 2	0.2	2.06	10	620	0.5	< 2	0.34	1.0	21	86	32	3.54	10	< 1	0.07	10
L5400E 7800N	201	202	2	< 5	< 2	< 0.2	1.83	4	310	0.5	2	0.26	0.5	10	72	29	2.98	10	< 1	0.06	10
L5400E 7825N	201	202	< 2	< 5	< 2	< 0.2	1.44	6	370	< 0.5	< 2	0.15	0.5	7	50	20	2.08	< 10	< 1	0.07	10
L5400E 7850N	201	202	< 24	< 60	< 24	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss

CERTIFICATION: Hart Bichler

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To EQUITY ENGINEERING LTD

207 - 675 W. HASTINGS ST
VANCOUVER, BC
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Project BLK96-04
Comments ATTN DA CAUFIELD

Certificate Date: 16-JUL-96
Invoice No ·I9623392
P O Number
Account EIA

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CERTIFICATE OF ANALYSIS A9623392

SAMPLE	PREP CODE		Mg %	Mn ppm	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
L5200E 9700N	201	202	1.09	580	75	< 0.01	524	2270	14	8	9	240	0.06	< 10	10	2070	< 10	6250
L5200E 9725N	201	202	0.68	175	67	< 0.01	329	1940	18	12	9	162	0.11	< 10	< 10	2720	< 10	4010
L5200E 9750N	201	202	0.70	185	26	< 0.01	239	1050	10	8	7	115	0.05	< 10	< 10	1500	< 10	3190
L5200E 9775N	201	202	0.63	210	22	< 0.01	229	1230	10	6	6	140	0.04	< 10	< 10	944	< 10	2480
L5200E 10000N	201	202	0.34	140	43	< 0.01	158	1660	12	8	3	94	0.03	< 10	< 10	1710	< 10	1415
L5200E 10025N	201	202	0.55	155	41	< 0.01	310	1270	12	8	6	135	0.03	< 10	10	1775	< 10	5120
L5200E 10050N	201	202	0.71	180	58	< 0.01	368	1530	16	10	7	194	0.04	< 10	10	2430	< 10	5850
L5200E 10075N	201	202	0.29	165	32	< 0.01	101	1460	22	6	4	96	0.04	< 10	< 10	1125	< 10	954
L5200E 10100N	201	202	0.54	160	41	< 0.01	317	1670	18	10	5	205	0.03	< 10	10	1690	< 10	4720
L5200E 10125N	201	202	0.58	255	33	< 0.01	120	1120	24	< 2	4	166	0.03	< 10	< 10	382	< 10	784
L5200E 10150N	201	202	1.15	730	37	< 0.01	367	2230	20	< 2	3	658	0.02	< 10	10	698	< 10	1570
L5200E 10175N	201	202	0.66	540	24	< 0.01	295	1990	20	< 2	3	697	0.02	< 10	30	522	< 10	2070
L5200E 10200N	201	202	0.58	990	190	< 0.01	1765	4830	22	2	17	2770	< 0.01	< 10	50	1075	< 10	5280
L5300E 7600N	201	202	0.43	100	8	< 0.01	57	1370	10	< 2	5	56	0.02	< 10	< 10	243	< 10	232
L5300E 7650N	201	202	2.53	805	4	< 0.01	128	1900	6	< 2	12	53	0.03	< 10	< 10	171	< 10	280
L5300E 7675N	201	202	2.90	260	3	< 0.01	117	1420	4	< 2	10	37	0.04	< 10	< 10	157	< 10	270
L5300E 7700N	201	202	2.53	180	2	< 0.01	114	1160	6	< 2	9	34	0.04	< 10	< 10	139	< 10	242
L5300E 7725N	201	202	1.77	435	3	< 0.01	77	1210	4	< 2	7	39	0.04	< 10	< 10	122	< 10	182
L5300E 7750N	201	202	1.33	235	1	< 0.01	62	1080	6	< 2	7	31	0.04	< 10	< 10	118	< 10	132
L5300E 7775N	201	202	1.22	545	1	< 0.01	55	1080	4	< 2	6	35	0.04	< 10	< 10	110	< 10	138
L5300E 7800N	201	202	1.44	175	1	< 0.01	75	1090	6	< 2	9	37	0.04	< 10	< 10	103	< 10	140
L5300E 7825N	201	202	0.80	190	2	< 0.01	39	1180	6	< 2	6	34	0.05	< 10	< 10	107	< 10	128
L5300E 7850N	201	202	1.13	425	2	0.01	51	1140	6	< 2	6	45	0.05	< 10	< 10	114	< 10	138
L5300E 7875N	201	202	0.67	105	7	< 0.01	41	1000	6	< 2	6	50	0.05	< 10	< 10	188	< 10	130
L5300E 7900N	201	202	0.85	115	9	< 0.01	61	840	8	< 2	7	43	0.06	< 10	< 10	282	< 10	204
L5300E 7925N	201	202	0.54	180	16	< 0.01	85	740	8	< 2	5	37	0.06	< 10	< 10	550	< 10	312
L5300E 7950N	201	202	0.26	80	44	< 0.01	58	1080	16	2	4	196	0.05	< 10	< 10	723	< 10	204
L5300E 7975N	201	202	1.86	280	20	< 0.01	153	2540	8	< 2	11	183	0.05	< 10	< 10	334	< 10	654
L5300E 8000N	201	202	1.23	415	15	< 0.01	123	1880	8	< 2	7	141	0.05	< 10	< 10	302	< 10	498
L5400E 7600N	201	202	2.92	895	1	< 0.01	125	980	6	< 2	8	41	0.08	< 10	< 10	121	< 10	124
L5400E 7620N A	201	202	1.30	925	1	< 0.01	59	1000	6	< 2	6	38	0.06	< 10	< 10	97	< 10	104
L5400E 7625N B	201	202	0.60	250	12	< 0.01	42	1110	10	< 2	6	41	0.02	< 10	< 10	238	< 10	194
L5400E 7675N	201	202	0.71	210	1	< 0.01	30	1030	8	< 2	5	38	0.05	< 10	< 10	83	< 10	82
L5400E 7700N	201	202	1.16	150	2	< 0.01	105	1360	6	< 2	10	42	0.03	< 10	< 10	122	< 10	172
L5400E 7725N	201	202	1.27	370	1	< 0.01	83	1430	2	< 2	9	42	0.04	< 10	< 10	114	< 10	150
L5400E 7750N	201	202	1.57	690	3	< 0.01	67	1070	4	< 2	7	34	0.03	< 10	< 10	131	< 10	152
L5400E 7775N	201	202	1.09	530	8	< 0.01	55	1350	6	< 2	7	46	0.04	< 10	< 10	157	< 10	170
L5400E 7800N	201	202	0.81	265	3	< 0.01	36	990	8	< 2	6	31	0.04	< 10	< 10	115	< 10	104
L5400E 7825N	201	202	0.45	205	7	< 0.01	29	930	8	< 2	2	30	0.03	< 10	< 10	140	< 10	86
L5400E 7850N	201	202	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss

CERTIFICATION: Ian Bichler

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To EQUITY ENGINEERING LTD

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Project BLK96-04
Comments ATTN DA CAUFIELD

Certificate Date 16-JUL-96
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CERTIFICATE OF ANALYSIS A9623392

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
L5400E 7875N	201	202	4	< 5	2	0.4	1.70	32	2000	0.5	< 2	0.55	6.5	14	95	73	2.84	< 10	< 1	0.16	30
L5400E 7900N	201	202	8	< 10	8	1.4	0.28	18	350	< 0.5	2	0.07	3.0	1	34	105	1.02	< 10	< 1	0.18	10
L5400E 7925N	201	202	16	< 10	8	1.0	0.15	8	730	< 0.5	< 2	0.04	1.5	< 1	18	23	0.62	< 10	1	0.12	10
L5400E 7950N	201	202	8	< 5	4	0.8	0.94	32	540	0.5	2	0.47	5.5	6	56	59	2.53	< 10	< 1	0.19	10
L5400E 7975N	201	202	2	< 5	2	0.4	2.07	10	3580	< 0.5	< 2	0.31	1.5	16	53	20	3.22	< 10	< 1	0.10	10
L5400E 8000N	201	202	< 2	< 5	< 2	< 0.2	2.19	4	1410	< 0.5	2	0.23	< 0.5	9	44	13	2.74	< 10	1	0.10	10
L5400E 9700N	201	202	2	< 5	2	1.2	1.54	36	3280	0.5	2	1.67	13.0	8	82	49	2.10	< 10	< 1	0.11	10
L5400E 9725N	201	202	4	< 5	10	5.8	1.79	60	1730	0.5	2	1.04	40.0	12	121	157	2.64	< 10	< 1	0.16	30
L5400E 9750N	201	202	6	< 5	18	11.4	1.78	120	2290	1.5	< 2	1.08	76.5	9	206	244	2.69	< 10	< 1	0.18	30
L5400E 9775N	201	202	10	< 5	10	11.0	1.89	86	1420	0.5	2	1.15	54.0	7	150	170	2.20	< 10	< 1	0.18	30
L5400E 9800N	201	202	8	< 10	8	10.6	1.73	76	1280	1.0	< 2	1.45	65.5	4	140	204	1.66	< 10	1	0.16	20
L5400E 9825N	201	202	< 2	< 5	< 2	0.2	2.06	84	2950	0.5	< 2	0.71	2.5	8	65	18	2.70	< 10	< 1	0.11	10
L5400E 9850N	201	202	8	< 5	14	8.2	1.81	76	1690	1.0	< 2	2.24	88.0	10	159	243	2.25	< 10	< 1	0.19	30
L5400E 9875N	201	202	4	< 10	8	3.0	1.65	6	910	0.5	2	1.26	40.5	9	76	133	1.67	< 10	< 1	0.15	10
L5400E 9900N	201	202	4	< 5	6	3.2	2.09	16	860	0.5	< 2	0.62	27.5	9	82	99	1.97	< 10	< 1	0.15	20
L5400E 9925N	201	202	6	< 5	12	3.6	1.85	112	2700	1.0	< 2	0.94	62.5	9	190	250	2.82	< 10	< 1	0.25	30
L5400E 9950N	201	202	4	< 5	4	2.4	2.02	42	1190	0.5	< 2	0.39	26.5	11	87	93	2.64	< 10	< 1	0.17	10
L5400E 9975N	201	202	4	< 5	14	7.0	1.80	88	2750	1.0	< 2	0.89	77.5	15	171	182	2.78	< 10	< 1	0.22	30
L5400E 10000N	201	202	4	< 5	8	5.0	1.86	74	2360	1.0	2	0.56	42.5	11	166	144	2.71	< 10	2	0.20	30
L5400E 10025N	201	202	< 12	< 30	12	8.8	1.60	74	420	1.0	< 2	2.32	>100.0	11	156	242	2.13	< 10	< 1	0.17	20
L5400E 10050N	201	202	6	< 5	20	9.2	2.73	124	1270	1.5	< 2	2.81	>100.0	13	183	296	2.49	< 10	< 1	0.22	30
L5400E 10075N	201	202	6	< 15	12	7.8	1.33	74	740	1.0	< 2	2.50	>100.0	6	124	285	1.67	< 10	< 1	0.15	20
L5400E 10100N	201	202	6	< 5	8	2.8	1.05	24	700	0.5	< 2	0.45	22.5	5	58	110	2.04	< 10	< 1	0.12	10
L5400E 10125N	201	202	6	< 5	8	3.6	1.92	38	1360	1.0	< 2	1.30	44.5	11	123	158	2.93	< 10	< 1	0.21	30
L5400E 10150N	201	202	4	< 5	4	2.2	1.53	22	2240	0.5	< 2	0.82	15.0	9	70	67	1.98	< 10	< 1	0.14	10
L5400E 10175N	201	202	4	< 5	4	2.0	1.98	32	2250	0.5	< 2	0.47	10.0	14	90	59	2.42	< 10	< 1	0.16	20
L5400E 10200N	201	202	10	15	26	4.2	2.26	338	80	1.0	2	1.14	13.5	13	119	264	8.26	< 10	1	0.83	10
L5600E 9700N	201	202	2	< 5	2	1.2	1.99	30	1810	0.5	< 2	0.43	5.0	10	69	46	2.51	< 10	< 1	0.13	10
L5600E 9725N	201	202	2	< 5	< 2	0.6	1.67	10	860	< 0.5	< 2	0.44	2.5	14	41	20	1.79	< 10	< 1	0.09	10
L5600E 9750N	201	202	2	< 5	< 2	0.4	1.88	6	940	< 0.5	< 2	0.47	11.5	8	47	31	2.09	< 10	1	0.11	10
L5600E 9775N	201	202	2	< 5	2	4.6	1.96	28	1780	0.5	< 2	0.44	19.0	10	69	73	2.45	< 10	< 1	0.13	10
L5600E 9800N	201	202	6	< 5	4	1.4	2.08	38	1050	0.5	< 2	0.36	11.0	6	68	39	3.07	< 10	< 1	0.10	10
L5600E 9825N	201	202	8	5	30	11.8	1.62	162	1340	1.5	< 2	4.28	>100.0	26	279	380	3.00	< 10	< 1	0.30	30
L5600E 9850N	201	202	8	10	32	14.4	1.97	214	1140	2.0	< 2	4.77	>100.0	23	307	444	3.19	< 10	< 1	0.35	30
L5600E 9875N	201	202	12	< 10	32	24.6	1.88	200	2100	1.5	< 2	2.12	>100.0	17	265	421	2.66	< 10	< 1	0.36	40
L5600E 9900N	201	202	10	< 5	18	11.8	1.22	96	1820	1.0	< 2	1.82	>100.0	15	121	350	2.45	< 10	< 1	0.16	20
L5600E 9925N	201	202	6	< 5	12	6.8	1.93	68	1960	0.5	< 2	1.12	61.0	12	131	178	2.68	< 10	< 1	0.22	20
L5600E 9950N	201	202	8	< 5	40	17.6	1.89	204	1790	1.0	< 2	2.18	>100.0	25	192	372	3.43	< 10	< 1	0.26	30
L5600E 9975N	201	202	4	< 5	8	5.6	2.09	42	1090	0.5	< 2	0.66	47.5	10	88	130	2.55	< 10	< 1	0.16	20

CERTIFICATION Stan Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave , North Vancouver
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PHONE 604-984-0221 FAX 604-984-0218

To EQUITY ENGINEERING LTD

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

Project BLK96-04
Comments ATTN DA CAUFIELD

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CERTIFICATE OF ANALYSIS A9623392

SAMPLE	PREP CODE		Mg %	Mn ppm	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
L5400E 7875N	201	202	0.71	320	61	< 0.01	296	1510	12	2	6	172	0.09	10	< 10	1695	< 10	1005
L5400E 7900N	201	202	0.03	25	67	0.01	24	900	20	6	4	368	< 0.01	< 10	< 10	386	< 10	70
L5400E 7925N	201	202	0.02	5	18	< 0.01	14	340	8	< 2	1	170	< 0.01	< 10	< 10	248	< 10	34
L5400E 7950N	201	202	0.34	270	27	0.01	59	1570	12	6	4	279	0.03	< 10	10	575	< 10	300
L5400E 7975N	201	202	0.49	500	28	< 0.01	29	1130	10	4	4	98	0.06	< 10	10	276	< 10	168
L5400E 8000N	201	202	0.53	155	15	< 0.01	25	650	12	8	4	41	0.07	< 10	< 10	184	< 10	108
L5400E 9700N	201	202	0.49	250	23	< 0.01	124	1720	12	10	5	202	0.09	< 10	< 10	1310	< 10	1420
L5400E 9725N	201	202	0.72	285	78	< 0.01	598	2530	16	14	10	246	0.12	< 10	< 10	2310	< 10	6130
L5400E 9750N	201	202	0.67	205	87	< 0.01	544	2180	18	28	12	233	0.14	10	10	3740	< 10	7050
L5400E 9775N	201	202	0.54	195	66	< 0.01	266	2380	14	28	10	225	0.09	< 10	10	3150	< 10	3960
L5400E 9800N	201	202	0.37	120	63	< 0.01	259	2170	18	20	8	252	0.08	< 10	10	2940	< 10	3570
L5400E 9825N	201	202	0.35	265	26	< 0.01	117	1230	24	8	3	434	0.07	< 10	< 10	1235	< 10	1305
L5400E 9850N	201	202	0.79	295	53	< 0.01	542	2350	14	26	11	318	0.08	10	< 10	2810	< 10	8630
L5400E 9875N	201	202	0.64	180	8	0.01	277	1110	10	20	7	162	0.09	< 10	< 10	978	< 10	4260
L5400E 9900N	201	202	0.63	195	5	< 0.01	184	1050	18	24	7	97	0.09	< 10	10	1090	< 10	3000
L5400E 9925N	201	202	0.92	235	140	< 0.01	367	2760	14	22	9	213	0.14	10	< 10	4220	< 10	4140
L5400E 9950N	201	202	0.56	425	25	< 0.01	124	1330	20	14	5	64	0.08	< 10	< 10	1330	< 10	2270
L5400E 9975N	201	202	0.58	325	79	< 0.01	490	3100	22	26	8	239	0.14	< 10	< 10	3560	< 10	8620
L5400E 10000N	201	202	0.47	355	71	< 0.01	257	2040	26	20	4	131	0.07	10	10	3280	< 10	3480
L5400E 10025N	201	202	0.35	310	79	< 0.01	491	2390	24	16	8	362	0.07	10	20	2970	< 10	8130
L5400E 10050N	201	202	0.48	255	114	< 0.01	627	2850	20	28	9	449	0.10	10	20	4460	< 10	>10000
L5400E 10075N	201	202	0.43	230	62	< 0.01	475	1610	30	16	7	278	0.04	10	10	2830	< 10	8000
L5400E 10100N	201	202	0.19	180	26	< 0.01	84	1110	24	16	2	164	0.02	< 10	< 10	623	< 10	1160
L5400E 10125N	201	202	0.74	285	35	< 0.01	232	1870	40	16	7	269	0.10	10	10	1850	< 10	3930
L5400E 10150N	201	202	0.56	180	15	< 0.01	110	1350	18	12	5	131	0.08	10	10	892	< 10	1835
L5400E 10175N	201	202	0.55	645	28	< 0.01	66	1500	30	14	5	107	0.08	10	< 10	1360	< 10	964
L5400E 10200N	201	202	0.17	205	214	0.03	1855	>10000	26	18	13	1020	0.01	30	30	845	< 10	1320
L5600E 9700N	201	202	0.36	420	24	< 0.01	102	1510	178	6	5	247	0.06	< 10	< 10	826	< 10	1040
L5600E 9725N	201	202	0.40	1215	14	< 0.01	38	810	62	8	4	70	0.06	< 10	< 10	319	< 10	508
L5600E 9750N	201	202	0.50	220	4	< 0.01	86	870	40	6	5	69	0.08	< 10	< 10	353	< 10	1115
L5600E 9775N	201	202	0.46	415	26	< 0.01	127	1190	1000	16	5	95	0.06	< 10	< 10	1010	< 10	2870
L5600E 9800N	201	202	0.22	145	47	< 0.01	83	490	104	14	4	87	0.08	< 10	< 10	1570	< 10	692
L5600E 9825N	201	202	0.73	660	183	< 0.01	868	3610	268	42	11	652	0.13	20	< 10	6150	< 10	>10000
L5600E 9850N	201	202	0.41	620	314	< 0.01	1190	3360	2730	66	10	561	0.17	20	10	7240	< 10	>10000
L5600E 9875N	201	202	0.35	695	293	< 0.01	855	3860	5850	80	15	378	0.12	10	10	7500	< 10	>10000
L5600E 9900N	201	202	0.25	625	161	< 0.01	587	2150	1205	42	6	223	0.04	10	< 10	2770	< 10	>10000
L5600E 9925N	201	202	0.49	375	166	< 0.01	359	1900	922	28	7	174	0.08	< 10	< 10	2710	< 10	6940
L5600E 9950N	201	202	0.38	960	963	< 0.01	801	2280	4620	66	10	296	0.10	30	< 10	4330	< 10	>10000
L5600E 9975N	201	202	0.52	380	50	< 0.01	244	1260	180	22	6	99	0.07	< 10	< 10	1605	< 10	5210

CERTIFICATION Hart Bichler

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To: EQUITY ENGINEERING LTD

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

A9623393

Comments ATTN DA CAULFIELD

CERTIFICATE A9623393

(EIA) - EQUITY ENGINEERING LTD.

Project: BLK96-04
P.O # :

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

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	53	Dry, sieve to -80 mesh
202	53	save reject
229	53	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
975	53	Au ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
976	53	Pt ppb: ICP-Fluorescence package	FA-ICP-AFS	5	10000
977	53	Pd ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
2118	53	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	53	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	53	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	53	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	53	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	53	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	53	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	53	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	53	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	53	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	53	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	53	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	53	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	53	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	53	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	53	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	53	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	53	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	53	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	53	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	53	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	53	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	53	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	53	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	53	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	53	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	53	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	53	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	53	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	53	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	53	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	53	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Page Number 1-A
Total Pages 2
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CERTIFICATE OF ANALYSIS A9623393

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
L5600E 10025N	201	202	4	< 5	12	10.0	2.42	98	1750	1.0	< 2	0.66	40.0	9	160	170	2.92	< 10	< 1	0.20	30
L5600E 10050N	201	202	6	< 5	16	13.4	2.57	88	1570	1.5	< 2	1.17	65.0	8	160	269	2.71	10	1	0.20	30
L5600E 10075N	201	202	8	< 5	12	5.0	1.81	72	1300	1.0	< 2	0.59	27.5	8	95	148	3.04	< 10	< 1	0.21	10
L5600E 10100N	201	202	8	< 5	14	6.2	1.98	76	1230	1.0	< 2	0.67	32.0	7	98	157	2.67	< 10	< 1	0.16	20
L5600E 10125N	201	202	10	< 5	12	1.6	1.06	50	360	0.5	< 2	0.23	4.5	4	47	70	3.28	< 10	< 1	0.24	10
L5600E 10150N	201	202	12	< 5	14	2.6	0.34	34	240	< 0.5	< 2	0.07	2.0	1	34	59	2.22	< 10	< 1	0.20	< 10
L5600E 10175N	201	202	8	< 5	8	1.8	1.60	30	1430	0.5	< 2	0.76	11.5	9	64	102	2.63	< 10	1	0.16	10
L5600E 10200N	201	202	14	5	18	2.6	1.34	54	120	0.5	< 2	0.76	5.5	8	78	183	3.39	< 10	< 1	0.36	10
L5800E 9700N	201	202	2	< 5	< 2	0.6	2.18	20	1420	0.5	< 2	0.34	1.5	7	59	24	3.72	10	< 1	0.13	10
L5800E 9725N	201	202	2	< 5	2	0.8	1.85	10	2220	0.5	2	0.39	2.0	11	62	23	2.57	< 10	< 1	0.13	10
L5800E 9750N	201	202	4	< 5	2	0.2	1.88	14	2270	0.5	< 2	0.46	4.0	10	58	36	2.77	10	< 1	0.14	10
L5800E 9775N	201	202	4	< 5	2	0.6	1.81	12	2920	0.5	< 2	0.31	2.0	12	59	44	2.28	10	< 1	0.12	10
L5800E 9800N	201	202	6	< 5	8	1.4	2.75	38	1970	1.5	< 2	0.30	18.5	10	105	97	2.23	10	< 1	0.22	10
L5800E 9825N	201	202	2	< 5	2	0.8	1.70	14	1650	0.5	< 2	0.74	7.5	14	69	48	2.98	10	< 1	0.16	20
L5800E 9850N	201	202	8	< 5	8	3.2	3.09	48	1630	1.5	2	0.87	17.5	14	100	109	3.26	10	< 1	0.22	20
L5800E 9875N	201	202	6	< 5	4	1.2	2.56	38	2100	1.5	< 2	0.57	14.0	22	85	99	2.69	10	< 1	0.17	30
L5800E 9900N	201	202	4	< 5	2	1.2	1.75	28	1940	1.5	< 2	0.44	6.5	9	77	78	2.43	10	< 1	0.18	30
L5800E 9925N	201	202	2	< 5	2	0.2	1.70	18	1490	0.5	< 2	0.50	4.0	7	50	35	2.17	10	< 1	0.14	10
L5800E 9950N	201	202	6	< 5	6	0.6	3.02	88	1340	1.5	< 2	0.44	11.5	31	83	121	4.13	< 10	< 1	0.17	30
L5800E 9975N	201	202	2	< 5	4	1.0	1.70	38	1340	1.0	2	1.85	9.0	10	49	103	2.29	10	< 1	0.11	10
L5800E 10000N	201	202	4	< 5	6	0.8	0.97	48	1240	1.0	< 2	0.91	8.0	13	62	87	2.16	< 10	< 1	0.16	30
L5800E 10025N	201	202	2	< 5	4	0.8	1.13	38	2210	1.0	< 2	0.94	6.5	8	65	68	1.83	< 10	< 1	0.15	20
L5800E 10050N	201	202	4	< 5	6	1.2	1.27	54	3190	1.5	< 2	0.86	9.0	8	77	99	2.01	< 10	< 1	0.14	20
L5800E 10075N	201	202	6	< 5	6	1.2	1.19	48	2660	1.0	2	0.82	8.0	8	73	98	1.63	< 10	< 1	0.13	20
L5800E 10100N	201	202	4	< 5	2	0.4	1.38	16	2820	0.5	< 2	0.77	3.0	10	39	43	1.76	< 10	< 1	0.08	10
L5800E 10125N	201	202	4	< 5	2	0.8	1.51	18	2840	0.5	2	0.83	2.5	9	40	37	1.93	< 10	< 1	0.08	10
L5800E 10150N	201	202	2	< 5	2	0.2	1.20	16	2690	0.5	< 2	0.47	2.5	8	33	34	1.97	< 10	< 1	0.06	10
L5800E 10175N	201	202	14	< 5	10	5.0	1.37	154	180	0.5	< 2	0.52	5.5	7	73	119	6.47	10	< 1	0.46	10
L5800E 10200N	201	202	28	< 5	8	1.8	0.99	42	260	< 0.5	< 2	0.87	2.5	6	39	48	3.93	< 10	< 1	0.23	10
10000N 4600E	201	202	10	< 5	< 2	< 0.2	1.57	4	580	< 0.5	< 2	0.21	0.5	4	37	13	2.21	< 10	< 1	0.06	10
10000N 4650E	201	202	8	< 5	< 2	< 0.2	1.67	2	1000	< 0.5	< 2	0.24	0.5	4	44	14	1.43	< 10	< 1	0.08	10
10000N 4700E	201	202	18	< 15	< 6	0.6	0.71	< 2	630	< 0.5	< 2	0.45	2.0	5	20	26	3.24	< 10	< 1	0.05	< 10
10000N 4750E	201	202	18	< 5	< 2	0.2	1.73	2	830	< 0.5	< 2	0.27	1.5	7	59	12	1.87	10	< 1	0.12	10
10000N 4800E	201	202	16	< 5	12	1.8	0.29	24	310	< 0.5	< 2	0.10	3.0	< 1	27	35	1.69	< 10	< 1	0.21	10
10000N 4850E	201	202	12	< 5	8	0.8	1.25	22	2350	0.5	< 2	0.35	2.0	8	59	52	2.79	10	< 1	0.15	20
10000N 4900E	201	202	8	< 5	4	0.6	2.59	18	2680	1.0	< 2	0.67	2.5	21	120	76	4.55	10	< 1	0.19	20
10000N 4950E	201	202	6	< 5	2	0.8	1.28	16	1750	0.5	< 2	0.56	4.0	72	61	34	2.89	< 10	< 1	0.13	10
10000N 5000E	201	202	6	< 5	2	1.0	1.72	22	1620	0.5	< 2	0.67	4.5	8	86	46	2.93	10	< 1	0.13	10
BL8000N 4700E	201	202	10	< 5	2	0.6	0.69	18	1390	< 0.5	< 2	0.28	1.0	1	35	23	1.52	< 10	< 1	0.07	10
BL8000N 4900E	201	202	4	< 5	< 2	0.8	2.48	12	780	0.5	< 2	0.74	1.0	17	95	56	3.17	10	< 1	0.23	20

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SAMPLE	PREP CODE		Mg %	Mn ppm	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
L5600E 10025N	201	202	0.45	275	104	< 0.01	273	2060	258	26	7	138	0.09	< 10	< 10	3200	< 10	3340
L5600E 10050N	201	202	0.51	230	106	< 0.01	590	1810	272	24	6	228	0.05	< 10	< 10	2970	< 10	7810
L5600E 10075N	201	202	0.50	155	83	< 0.01	307	1700	80	16	7	288	0.06	< 10	< 10	1680	< 10	3640
L5600E 10100N	201	202	0.54	150	84	< 0.01	367	1640	66	16	7	239	0.05	< 10	10	1730	< 10	4490
L5600E 10125N	201	202	0.22	95	46	< 0.01	62	1250	54	8	3	383	0.03	< 10	< 10	464	< 10	550
L5600E 10150N	201	202	0.05	50	15	< 0.01	19	1960	20	2	4	708	< 0.01	< 10	< 10	137	< 10	140
L5600E 10175N	201	202	0.56	380	19	< 0.01	84	1450	34	2	6	204	0.07	< 10	< 10	441	< 10	760
L5600E 10200N	201	202	0.25	215	46	< 0.01	200	2070	28	< 2	6	354	0.03	< 10	< 10	493	< 10	664
L5800E 9700N	201	202	0.59	125	17	< 0.01	34	1090	18	< 2	5	59	0.09	< 10	< 10	295	< 10	242
L5800E 9725N	201	202	0.60	370	8	< 0.01	44	1050	18	< 2	5	81	0.10	< 10	< 10	294	< 10	300
L5800E 9750N	201	202	0.64	215	7	< 0.01	49	1040	16	< 2	6	78	0.11	< 10	< 10	251	< 10	302
L5800E 9775N	201	202	0.53	250	11	< 0.01	40	970	14	< 2	6	111	0.09	< 10	< 10	288	< 10	308
L5800E 9800N	201	202	0.51	100	27	< 0.01	185	3050	26	2	12	389	0.06	< 10	30	578	< 10	992
L5800E 9825N	201	202	0.82	540	14	< 0.01	114	1540	20	< 2	7	102	0.16	< 10	< 10	403	< 10	712
L5800E 9850N	201	202	0.67	405	82	< 0.01	365	1900	22	6	8	450	0.05	< 10	10	1260	< 10	2380
L5800E 9875N	201	202	0.56	240	47	< 0.01	338	2350	26	2	8	428	0.08	< 10	10	910	< 10	1755
L5800E 9900N	201	202	0.48	130	85	< 0.01	358	1070	12	2	7	143	0.03	< 10	< 10	1515	< 10	1655
L5800E 9925N	201	202	0.53	120	26	< 0.01	96	970	12	< 2	6	94	0.07	< 10	< 10	539	< 10	480
L5800E 9950N	201	202	0.42	1335	124	< 0.01	600	3920	20	2	10	641	0.06	< 10	< 10	1330	< 10	2490
L5800E 9975N	201	202	0.62	650	67	< 0.01	331	1690	14	2	5	215	0.02	< 10	10	890	< 10	1905
L5800E 10000N	201	202	0.20	260	125	< 0.01	500	1850	10	2	7	213	0.01	< 10	< 10	1320	< 10	1420
L5800E 10025N	201	202	0.27	140	84	< 0.01	350	1030	10	< 2	6	169	0.03	< 10	< 10	1365	< 10	952
L5800E 10050N	201	202	0.28	125	104	< 0.01	625	1500	8	2	8	242	0.05	< 10	10	1370	< 10	1495
L5800E 10075N	201	202	0.35	120	84	< 0.01	567	1410	6	2	7	256	0.04	< 10	< 10	1225	< 10	1305
L5800E 10100N	201	202	0.45	705	18	< 0.01	218	1050	8	< 2	5	210	0.06	< 10	< 10	257	< 10	578
L5800E 10125N	201	202	0.42	720	20	< 0.01	120	1110	14	< 2	5	226	0.05	< 10	< 10	295	< 10	466
L5800E 10150N	201	202	0.33	200	20	< 0.01	99	1070	12	< 2	4	158	0.04	< 10	< 10	266	< 10	300
L5800E 10175N	201	202	0.23	350	82	< 0.01	76	4400	908	20	9	525	0.01	< 10	< 10	487	< 10	532
L5800E 10200N	201	202	0.28	165	27	< 0.01	75	1310	88	6	4	181	0.02	< 10	< 10	333	< 10	350
10000N 4600E	201	202	0.32	70	1	< 0.01	19	520	10	< 2	4	24	0.06	< 10	< 10	120	< 10	92
10000N 4650E	201	202	0.33	70	< 1	< 0.01	19	440	10	< 2	4	29	0.08	< 10	< 10	131	< 10	96
10000N 4700E	201	202	0.16	55	5	0.01	23	1830	2	< 2	2	40	0.03	< 10	< 10	78	< 10	104
10000N 4750E	201	202	0.42	215	4	< 0.01	28	520	10	< 2	4	34	0.08	< 10	< 10	275	< 10	168
10000N 4800E	201	202	0.02	5	37	< 0.01	23	780	130	4	1	233	< 0.01	< 10	< 10	157	< 10	232
10000N 4850E	201	202	0.44	255	14	< 0.01	39	1210	72	2	6	187	0.08	< 10	< 10	209	< 10	276
10000N 4900E	201	202	1.19	790	16	< 0.01	78	2140	14	< 2	10	99	0.15	< 10	< 10	290	< 10	266
10000N 4950E	201	202	0.41	1855	42	< 0.01	61	1430	30	< 2	5	105	0.06	< 10	< 10	525	< 10	242
10000N 5000E	201	202	0.69	210	27	< 0.01	81	1540	22	< 2	6	113	0.06	< 10	< 10	716	< 10	548
BL8000N 4700E	201	202	0.13	30	12	< 0.01	23	970	10	< 2	1	121	0.02	< 10	< 10	270	< 10	64
BL8000N 4900E	201	202	1.31	280	5	< 0.01	81	1910	8	< 2	8	59	0.06	< 10	< 10	184	< 10	278

CERTIFICATION Stuart Bichler

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To EQUITY ENGINEERING LTD

207 - 675 W HASTINGS ST
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Project BLK96-04
Comments: ATTN DA CAULFIELD

Page Number 2-A
Total Pages 2
Certificate Date 15-JUL-96
Invoice No I9623393
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CERTIFICATE OF ANALYSIS A9623393

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
BL8000N 5100E	201	202	< 2	< 5	< 2	0.2	1.55	12	2430	< 0.5	< 2	0.63	1.5	6	40	18	2.42	< 10	< 1	0.08	10
BL10000N 5050E	201	202	< 2	< 5	2	1.4	1.41	18	1490	1.0	2	0.82	12.0	11	76	75	2.43	10	< 1	0.13	10
BL10000N 5100E	201	202	< 4	< 10	4	4.6	1.42	36	1180	1.0	< 2	1.70	45.5	8	143	144	1.54	10	< 1	0.22	10
BL10000N 5150E	201	202	< 4	< 10	4	4.8	1.44	38	1070	1.5	< 2	1.67	43.0	7	148	142	1.50	10	< 1	0.22	10
BL10000N 5250E	201	202	< 2	< 5	10	6.6	1.73	70	1220	1.5	< 2	1.23	64.0	8	146	185	1.96	10	< 1	0.23	20
BL10000N 5300E	201	202	< 2	< 5	12	6.4	2.04	112	1270	1.5	< 2	1.66	57.0	21	162	205	2.79	10	< 1	0.32	30
BL10000N 5350E	201	202	< 4	< 10	4	9.0	1.79	190	1700	2.0	< 2	1.25	69.0	19	231	179	3.21	< 10	< 1	0.30	30
BL10000N 5450E	201	202	< 2	< 5	8	8.0	2.08	82	2070	1.0	< 2	1.85	94.0	10	133	209	2.68	< 10	< 1	0.19	30
BL10000N 5500E	201	202	2	< 5	4	7.8	1.81	48	2030	1.0	< 2	1.13	59.0	6	119	146	2.08	< 10	< 1	0.18	20
BL10000N 5550E	201	202	< 2	< 5	4	6.2	1.67	62	1650	0.5	< 2	0.63	28.0	9	146	99	2.41	< 10	< 1	0.18	20
BL10000N 5650E	201	202	< 2	5	18	7.0	2.93	124	1330	1.5	< 2	7.65	91.0	10	94	276	2.01	< 10	< 1	0.15	10
BL10000N 5700E	201	202	< 4	< 10	24	13.8	4.02	174	1360	2.0	< 2	2.59	>100.0	15	169	391	2.78	< 10	1	0.22	30
BL10000N 5750E	201	202	< 2	< 5	< 2	0.6	1.76	22	1460	0.5	< 2	0.59	18.0	9	54	53	1.71	10	< 1	0.12	10

CERTIFICATION Ian Bichler

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To: EQUITY ENGINEERING LTD

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Project BLK96-04
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Certificate Date: 15-JUL-96
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CERTIFICATE OF ANALYSIS A9623393

SAMPLE	PREP CODE		Mg %	Mn ppm	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
BL8000N 5100E	201	202	0.42	105	12	< 0.01	33	840	6	< 2	4	80	0.05	< 10	< 10	164	< 10	164
BL10000N 5050E	201	202	0.65	335	31	< 0.01	158	1500	16	< 2	6	146	0.05	< 10	< 10	644	< 10	922
BL10000N 5100E	201	202	0.72	160	45	< 0.01	381	2360	10	8	6	244	0.03	< 10	10	2070	< 10	4260
BL10000N 5150E	201	202	0.74	140	41	< 0.01	382	2400	12	6	6	240	0.04	< 10	10	2080	< 10	4350
BL10000N 5250E	201	202	0.82	145	68	< 0.01	452	2060	16	10	9	241	0.04	< 10	10	2860	< 10	5970
BL10000N 5300E	201	202	1.34	335	135	< 0.01	580	3720	24	12	11	366	0.07	< 10	10	3620	< 10	7540
BL10000N 5350E	201	202	0.52	540	164	< 0.01	549	3590	20	16	10	312	0.10	< 10	10	5500	< 10	5520
BL10000N 5450E	201	202	0.57	225	87	< 0.01	633	2360	22	22	12	256	0.11	< 10	< 10	2570	< 10	>10000
BL10000N 5500E	201	202	0.42	185	47	< 0.01	267	2290	44	14	9	195	0.07	< 10	< 10	2440	< 10	4530
BL10000N 5550E	201	202	0.35	200	85	< 0.01	191	1850	246	22	7	146	0.09	< 10	< 10	2910	< 10	2190
BL10000N 5650E	201	202	4.72	700	202	< 0.01	551	1350	428	16	7	472	0.04	< 10	30	2060	< 10	9430
BL10000N 5700E	201	202	0.65	415	217	< 0.01	763	2860	802	28	10	305	0.06	< 10	20	3540	< 10	>10000
BL10000N 5750E	201	202	0.55	85	32	< 0.01	219	1030	16	< 2	6	181	0.04	< 10	< 10	726	< 10	1335

CERTIFICATION: Hart Buchler

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To EQUITY ENGINEERING LTD

207 - 675 W HASTINGS ST.
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V6B 1N2

A9623684

Comments ATTN·D A CAUFIELD

CERTIFICATE A9623684

(EIA) - EQUITY ENGINEERING LTD.

Project. BLK96-04
P.O # :

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

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	18	Dry, sieve to -80 mesh
202	18	save reject
229	18	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
975	18	Au ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
976	18	Pt ppb: ICP-Fluorescence package	FA-ICP-AFS	5	10000
977	18	Pd ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
2118	18	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	18	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	18	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	18	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	18	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	18	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	18	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	18	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	18	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	18	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	18	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	18	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	18	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	18	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	18	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	18	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	18	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	18	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	18	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	18	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	18	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	18	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	18	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	18	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	18	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	18	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	18	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	18	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	18	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	18	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	18	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	18	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project BLK96-04
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CERTIFICATE OF ANALYSIS A9623684

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
L4600E 9800N	201	202	4	< 5	< 2	< 0.2	1.77	10	630	< 0.5	< 2	0.30	0.5	8	37	21	2.24	< 10	< 1	0.07	10
L4600E 9825N	201	202	2	< 5	< 2	< 0.2	1.68	8	390	< 0.5	< 2	0.21	0.5	6	34	11	2.39	< 10	< 1	0.07	10
L4600E 9850N	201	202	2	< 5	< 2	< 0.2	1.65	2	680	< 0.5	< 2	0.24	0.5	6	41	20	2.00	< 10	< 1	0.06	10
L4600E 9875N	201	202	< 2	< 5	< 2	< 0.2	1.82	4	550	< 0.5	< 2	0.29	0.5	5	36	16	1.58	< 10	< 1	0.05	10
L4600E 9900N	201	202	2	< 5	< 2	< 0.2	1.91	< 2	440	< 0.5	< 2	0.30	0.5	5	38	16	2.03	< 10	< 1	0.06	10
L4600E 9925N	201	202	2	< 5	< 2	< 0.2	1.97	2	440	< 0.5	< 2	0.28	0.5	5	37	12	1.69	< 10	1	0.07	10
L4600E 9950N	201	202	2	< 5	< 2	< 0.2	1.86	6	660	< 0.5	< 2	0.29	0.5	5	42	24	2.24	< 10	< 1	0.09	10
L4600E 9975N	201	202	2	< 5	< 2	< 0.2	1.77	2	620	< 0.5	< 2	0.29	0.5	4	39	12	1.53	< 10	< 1	0.09	10
L5200E 9800N	201	202	< 4	< 10	4	3.2	1.59	40	2600	0.5	< 2	0.89	28.5	5	96	94	1.94	< 10	< 1	0.16	20
L5200E 9825N	201	202	< 6	< 15	< 6	0.8	1.02	68	1150	0.5	< 2	0.35	18.0	11	139	49	1.62	< 10	< 1	0.16	10
L5200E 9850N	201	202	10	< 5	8	9.4	2.20	64	1620	0.5	< 2	1.54	65.0	9	93	185	2.57	< 10	< 1	0.14	20
L5200E 9875N	201	202	8	10	28	7.6	1.70	72	1150	0.5	< 2	1.44	54.5	10	91	172	2.37	< 10	1	0.17	20
L5200E 9900N	201	202	< 4	< 10	< 4	5.2	1.31	50	720	0.5	< 2	2.10	59.0	5	83	189	1.73	< 10	< 1	0.15	10
L5200E 9925N	201	202	2	< 5	4	4.2	1.35	84	790	1.0	< 2	1.29	50.0	9	163	170	1.96	< 10	1	0.26	20
L5200E 9950N	201	202	12	15	32	4.6	1.42	70	530	1.0	< 2	1.35	37.5	6	210	199	2.64	< 10	1	0.26	10
L5200E 9975N	201	202	6	< 5	8	5.4	1.55	58	1380	0.5	< 2	1.58	31.5	8	143	121	2.34	< 10	< 1	0.18	20
L5400E 7650N	201	202	4	< 5	2	0.2	1.84	4	290	< 0.5	< 2	0.40	0.5	12	85	24	3.02	< 10	< 1	0.09	10
L5600E 10000N	201	202	6	5	24	12.0	2.01	110	1930	0.5	< 2	1.00	98.5	14	160	257	2.88	< 10	2	0.18	20

CERTIFICATION· Hart Bichler

Chemex Labs Ltd.

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Project : BLK96-04
Comments ATTN:D A. CAUFIELD

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Invoice No. : I9623684
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Account : EIA

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SAMPLE	PREP CODE		Mg %	Mn ppm	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
L4600E 9800N	201	202	0.53	150	1	< 0.01	23	760	12	2	4	23	0.07	< 10	< 10	85	< 10	114
L4600E 9825N	201	202	0.41	155	2	< 0.01	16	600	10	< 2	3	20	0.06	< 10	< 10	106	< 10	76
L4600E 9850N	201	202	0.46	90	1	< 0.01	21	580	12	< 2	4	23	0.07	< 10	< 10	107	< 10	100
L4600E 9875N	201	202	0.39	90	< 1	< 0.01	18	360	12	< 2	4	24	0.08	< 10	< 10	92	< 10	90
L4600E 9900N	201	202	0.39	95	< 1	< 0.01	17	330	10	< 2	5	26	0.09	< 10	< 10	105	< 10	94
L4600E 9925N	201	202	0.40	90	< 1	< 0.01	16	360	12	< 2	4	25	0.09	< 10	< 10	101	< 10	86
L4600E 9950N	201	202	0.46	95	< 1	< 0.01	21	600	10	< 2	5	32	0.08	< 10	< 10	133	< 10	112
L4600E 9975N	201	202	0.36	75	< 1	< 0.01	17	540	10	< 2	4	30	0.09	< 10	< 10	113	< 10	80
L5200E 9800N	201	202	0.60	255	57	< 0.01	253	1810	12	8	7	156	0.06	< 10	< 10	2070	< 10	2640
L5200E 9825N	201	202	0.25	490	68	< 0.01	145	1620	16	8	5	90	0.06	< 10	< 10	3360	< 10	1095
L5200E 9850N	201	202	0.70	345	46	< 0.01	393	2330	18	8	9	201	0.06	< 10	10	1860	< 10	5420
L5200E 9875N	201	202	0.78	270	64	< 0.01	375	2190	20	10	9	213	0.07	< 10	10	2610	< 10	5500
L5200E 9900N	201	202	0.59	115	43	0.01	429	2410	14	8	6	269	0.04	< 10	10	1585	< 10	4740
L5200E 9925N	201	202	0.95	175	81	0.01	459	2150	16	6	8	221	0.03	< 10	10	2760	< 10	4160
L5200E 9950N	201	202	0.70	130	58	0.01	383	2550	14	6	7	454	0.04	< 10	10	1270	< 10	3380
L5200E 9975N	201	202	0.69	170	46	< 0.01	271	2890	16	8	7	240	0.06	< 10	< 10	1845	< 10	3050
L5400E 7650N	201	202	1.13	435	5	< 0.01	52	1110	8	2	5	37	0.06	< 10	< 10	125	< 10	110
L5600E 10000N	201	202	0.46	445	178	< 0.01	460	2640	580	32	8	168	0.08	< 10	< 10	3530	< 10	8430

CERTIFICATION: Stewart Bichler

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To EQUITY ENGINEERING LTD

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A9624094

Comments ATTN:D.A CAUFIELD

CERTIFICATE A9624094

(EIA) - EQUITY ENGINEERING LTD.

Project. BLK 96-04
P.O #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	199	Dry, sieve to -80 mesh
202	199	save reject
229	199	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
975	198	Au ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
976	198	Pt ppb: ICP-Fluorescence package	FA-ICP-AFS	5	10000
977	198	Pd ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
2118	199	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	199	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	199	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	199	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	199	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	199	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	199	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	199	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	199	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	199	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	199	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	199	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	199	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	199	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	199	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	199	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	199	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	199	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	199	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	199	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	199	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	199	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	199	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	199	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	199	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	199	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	199	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	199	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	199	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	199	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	199	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	199	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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To. EQUITY ENGINEERING LTD

207 - 675 W. HASTINGS ST
VANCOUVER, BC
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Project. BLK 96-04
Comments. ATTN:D.A CAUFIELD

Certificate Date 21-JUL-96
Invoice No. :19624094
P.O. Number
Account :EIA

CERTIFICATE OF ANALYSIS A9624094

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
L9000E 8300N	201	202	< 2	< 5	2	0.6	0.73	46	320	< 0.5	< 2	2.04	8.5	8	28	49	2.60	< 10	< 1	0.14	< 10
L9000E 8325N	201	202	< 12	< 30	< 12	1.2	0.77	30	1070	< 0.5	< 2	0.04	0.5	1	26	33	2.26	< 10	< 1	0.12	10
L9000E 8350N	201	202	< 12	< 30	< 12	1.6	0.85	70	220	< 0.5	< 2	0.04	2.0	1	36	57	4.51	< 10	4	0.31	10
L9000E 8375N	201	202	not/ss	not/ss	not/ss	0.8	1.59	40	310	0.5	< 2	0.11	2.0	5	46	63	3.64	< 10	< 1	0.21	10
L9000E 8400N	201	202	< 2	< 5	< 2	1.8	0.55	2	590	< 0.5	< 2	0.03	< 0.5	< 1	16	16	0.84	< 10	< 1	0.07	10
L9000E 8425N	201	202	< 4	< 10	< 4	1.0	0.76	6	430	< 0.5	< 2	0.21	4.5	< 1	23	37	1.21	< 10	< 1	0.05	< 10
L9000E 8450N	201	202	< 12	< 30	< 12	0.8	1.13	18	480	< 0.5	< 2	0.04	< 0.5	2	30	24	1.91	< 10	< 1	0.09	10
L9000E 8475N	201	202	< 2	< 5	< 2	0.6	1.01	18	480	< 0.5	< 2	0.04	< 0.5	2	26	29	2.54	< 10	< 1	0.12	10
L9000E 8500N	201	202	< 2	< 5	4	0.6	1.44	74	180	< 0.5	< 2	0.17	1.5	6	55	79	5.31	< 10	< 1	0.28	< 10
L9000E 8525N	201	202	< 2	< 5	< 2	0.6	0.95	40	320	< 0.5	< 2	0.05	0.5	3	35	30	2.82	< 10	< 1	0.15	10
L9000E 8550N	201	202	< 24	< 60	< 24	3.6	1.66	200	500	< 0.5	< 2	0.14	4.0	6	148	148	>15.00	< 10	< 1	1.20	10
L9000E 8575N	201	202	2	< 5	2	1.2	1.15	46	610	< 0.5	< 2	0.09	4.0	10	36	71	3.19	< 10	< 1	0.13	10
L9000E 8625N	201	202	< 2	< 5	< 2	0.2	1.70	36	830	0.5	< 2	0.60	7.0	19	44	88	3.58	< 10	< 1	0.16	10
L9000E 8650N	201	202	< 6	< 15	< 6	< 0.2	0.92	40	1660	0.5	< 2	0.20	4.0	15	68	66	2.25	< 10	< 1	0.08	20
L9000E 8675N	201	202	6	< 5	34	12.4	1.55	158	3230	1.5	< 2	1.53	>100.0	18	333	465	2.58	10	< 1	0.23	30
L9000E 8700N	201	202	< 2	< 5	4	5.0	0.93	46	1130	0.5	< 2	0.24	10.5	3	186	129	1.33	< 10	< 1	0.11	10
L9000E 8725N	201	202	< 2	< 5	4	6.0	0.94	58	2520	1.0	< 2	0.76	39.5	5	178	133	1.76	< 10	< 1	0.13	20
L9000E 8750N	201	202	< 2	< 5	12	2.8	0.72	34	1390	0.5	< 2	1.01	17.0	6	240	81	1.28	< 10	2	0.07	10
L9000E 8775N	201	202	< 12	< 30	< 12	1.4	0.42	10	590	< 0.5	< 2	1.01	1.5	< 1	135	26	0.70	< 10	1	0.04	< 10
L9000E 8800N	201	202	< 2	< 5	8	4.6	0.83	82	700	1.0	< 2	1.38	30.5	12	150	127	2.02	< 10	< 1	0.16	< 10
L9000E 8825N	201	202	< 2	< 5	6	2.6	0.72	40	1010	1.0	< 2	1.43	18.5	5	171	96	1.23	< 10	< 1	0.12	10
L9000E 8850N	201	202	< 2	< 5	8	2.2	0.56	44	940	0.5	< 2	1.70	27.5	7	159	85	1.29	< 10	1	0.10	10
L9000E 8875N	201	202	< 2	< 5	8	3.0	0.69	42	1060	1.0	< 2	1.52	21.5	7	197	106	1.23	< 10	< 1	0.12	10
L9000E 8900N	201	202	< 2	< 5	< 2	0.2	0.53	26	1020	0.5	< 2	0.38	5.0	8	58	53	1.57	< 10	< 1	0.09	10
L9000E 8925N	201	202	12	< 5	10	2.0	0.14	22	250	< 0.5	< 2	0.12	< 0.5	< 1	40	19	2.33	< 10	< 1	0.25	< 10
L9000E 8950N	201	202	10	< 5	10	1.2	0.29	26	140	< 0.5	< 2	0.18	4.0	1	52	34	3.22	< 10	< 1	0.25	< 10
L9000E 8975N	201	202	< 2	< 5	2	1.0	0.23	24	930	< 0.5	< 2	0.71	1.5	< 1	49	27	1.07	< 10	1	0.05	< 10
L9000E 9000N	201	202	4	< 5	8	2.2	0.50	30	290	< 0.5	< 2	0.77	3.0	6	67	42	2.81	< 10	< 1	0.15	< 10
L9200E 8300N	201	202	< 2	< 5	< 2	0.6	1.60	22	2360	0.5	< 2	0.32	11.0	12	52	100	2.47	< 10	1	0.09	10
L9200E 8325N	201	202	< 2	< 5	2	0.6	0.92	26	1800	0.5	< 2	0.83	13.0	10	48	86	2.09	< 10	< 1	0.12	10
L9200E 8350N	201	202	< 2	< 5	< 2	0.2	1.02	24	790	0.5	< 2	0.56	8.0	7	38	56	1.72	< 10	< 1	0.08	< 10
L9200E 8375N	201	202	< 2	< 5	< 2	0.8	1.40	36	640	0.5	< 2	0.47	11.5	6	43	55	2.70	< 10	2	0.12	10
L9200E 8400N	201	202	< 2	< 5	< 2	0.8	0.55	26	570	0.5	< 2	0.10	1.5	3	37	39	1.79	< 10	1	0.12	10
L9200E 8425N	201	202	< 2	< 5	< 2	0.2	0.61	28	470	< 0.5	< 2	0.05	1.0	< 1	33	36	2.40	< 10	< 1	0.16	10
L9200E 8450N	201	202	4	< 5	< 2	0.8	2.42	28	1140	0.5	< 2	0.31	11.0	17	57	91	3.57	< 10	< 1	0.12	10
L9200E 8475N	201	202	4	< 5	4	1.0	1.00	42	590	< 0.5	< 2	0.08	3.0	2	38	69	2.61	< 10	< 1	0.16	< 10
L9200E 8500N	201	202	< 2	< 5	2	1.8	3.93	34	1560	1.0	< 2	0.40	96.0	47	56	114	4.68	10	< 1	0.06	< 10
L9200E 8525N	201	202	< 4	< 10	< 4	1.6	2.24	44	770	1.0	< 2	0.82	14.5	17	70	81	3.69	< 10	< 1	0.18	10
L9200E 8550N	201	202	< 2	< 5	< 2	0.6	0.80	30	490	< 0.5	< 2	0.04	< 0.5	3	23	19	2.86	< 10	2	0.09	10
L9200E 8575N	201	202	< 2	< 5	2	1.0	1.06	42	450	< 0.5	< 2	0.05	1.5	3	37	65	3.94	< 10	< 1	0.19	< 10

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

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

Project . BLK.96-04
Comments ATTN:D.A. CAUFIELD

Certificate Date: 21-JUL-96
Invoice No :I9624094
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9624094

SAMPLE	PREP CODE		Mg %	Mn ppm	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
L9000E 8300N	201	202	0.52	245	66	0.01	177	1360	< 2	6	2	218	< 0.01	< 10	< 10	483	< 10	846
L9000E 8325N	201	202	0.18	35	61	< 0.01	47	830	2	2	1	67	< 0.01	< 10	< 10	583	< 10	210
L9000E 8350N	201	202	0.06	35	223	0.03	20	1460	24	2	1	120	0.01	< 10	< 10	670	< 10	48
L9000E 8375N	201	202	0.60	145	114	0.01	154	830	34	4	5	102	< 0.01	< 10	< 10	1345	< 10	876
L9000E 8400N	201	202	0.06	20	25	< 0.01	17	700	< 2	< 2	< 1	13	0.01	< 10	< 10	277	< 10	48
L9000E 8425N	201	202	0.09	30	13	< 0.01	45	1330	< 2	< 2	< 1	33	0.01	< 10	< 10	186	< 10	122
L9000E 8450N	201	202	0.12	55	36	0.01	32	760	2	< 2	1	24	0.03	< 10	< 10	562	< 10	108
L9000E 8475N	201	202	0.19	95	57	0.01	30	870	10	2	1	44	0.04	< 10	< 10	503	< 10	108
L9000E 8500N	201	202	0.51	115	165	0.01	110	2590	8	6	6	135	0.03	< 10	< 10	745	< 10	360
L9000E 8525N	201	202	0.12	55	84	< 0.01	51	890	8	2	1	63	0.03	< 10	< 10	666	< 10	232
L9000E 8550N	201	202	0.26	130	430	0.06	84	6800	28	< 2	2	722	0.02	< 10	< 10	2060	< 10	316
L9000E 8575N	201	202	0.26	180	87	0.01	169	1300	8	6	3	99	0.01	< 10	< 10	640	< 10	498
L9000E 8625N	201	202	0.90	410	71	< 0.01	387	1680	2	2	5	167	0.03	< 10	< 10	798	< 10	1930
L9000E 8650N	201	202	0.59	230	122	< 0.01	500	1200	2	< 2	3	50	0.06	< 10	< 10	1575	< 10	1260
L9000E 8675N	201	202	0.41	325	236	< 0.01	876	5910	32	24	12	413	0.12	< 10	< 10	6830	< 10	>10000
L9000E 8700N	201	202	0.28	70	103	< 0.01	151	1990	6	8	1	56	0.03	< 10	< 10	3860	< 10	772
L9000E 8725N	201	202	0.31	85	100	< 0.01	228	1290	< 2	2	2	96	0.05	< 10	< 10	4010	< 10	2110
L9000E 8750N	201	202	0.56	95	13	< 0.01	179	2130	< 2	2	2	101	0.01	< 10	< 10	1385	< 10	1490
L9000E 8775N	201	202	0.12	20	8	< 0.01	33	960	< 2	2	< 1	62	0.01	< 10	< 10	779	< 10	270
L9000E 8800N	201	202	0.74	165	77	< 0.01	358	1130	2	< 2	7	93	0.04	< 10	< 10	3290	< 10	3600
L9000E 8825N	201	202	0.59	70	22	< 0.01	184	1670	< 2	6	5	163	0.03	< 10	< 10	2300	< 10	1985
L9000E 8850N	201	202	0.54	285	27	< 0.01	277	1390	< 2	6	4	144	0.02	< 10	< 10	1940	< 10	2470
L9000E 8875N	201	202	0.61	100	23	< 0.01	244	1890	< 2	< 2	5	161	0.03	< 10	< 10	2250	< 10	2070
L9000E 8900N	201	202	0.17	45	55	< 0.01	245	940	< 2	< 2	4	117	0.01	< 10	< 10	1370	< 10	680
L9000E 8925N	201	202	0.03	20	13	0.01	23	500	< 2	2	1	71	< 0.01	< 10	< 10	326	< 10	34
L9000E 8950N	201	202	0.03	30	14	0.01	17	1120	< 2	< 2	2	80	< 0.01	< 10	< 10	375	< 10	84
L9000E 8975N	201	202	0.08	40	16	< 0.01	43	790	< 2	< 2	1	90	< 0.01	< 10	< 10	434	< 10	182
L9000E 9000N	201	202	0.04	115	15	< 0.01	48	1710	2	< 2	2	196	< 0.01	< 10	< 10	281	< 10	144
L9200E 8300N	201	202	0.97	250	69	< 0.01	446	1430	< 2	< 2	2	168	0.02	< 10	< 10	972	< 10	1815
L9200E 8325N	201	202	0.34	125	82	< 0.01	431	2160	< 2	< 2	5	233	0.04	< 10	< 10	913	< 10	1565
L9200E 8350N	201	202	0.53	195	65	< 0.01	223	1350	< 2	6	3	169	0.01	< 10	< 10	588	< 10	978
L9200E 8375N	201	202	0.26	375	66	< 0.01	250	1180	2	< 2	4	139	0.02	< 10	< 10	571	< 10	1175
L9200E 8400N	201	202	0.23	45	66	< 0.01	80	790	< 2	< 2	1	107	0.04	< 10	< 10	685	< 10	130
L9200E 8425N	201	202	0.13	60	87	< 0.01	61	650	2	< 2	1	80	0.03	< 10	< 10	673	< 10	168
L9200E 8450N	201	202	0.51	630	41	< 0.01	267	1880	< 2	6	7	99	0.09	< 10	< 10	626	< 10	1340
L9200E 8475N	201	202	0.15	65	59	< 0.01	27	1440	< 2	< 2	3	132	0.03	< 10	< 10	443	< 10	120
L9200E 8500N	201	202	2.26	3790	47	< 0.01	1000	2150	4	< 2	9	115	0.04	< 10	< 10	970	< 10	6780
L9200E 8525N	201	202	1.69	520	58	< 0.01	453	2060	4	2	7	174	0.03	< 10	< 10	1160	< 10	2940
L9200E 8550N	201	202	0.09	65	54	< 0.01	16	670	< 2	< 2	1	45	0.04	< 10	< 10	582	< 10	74
L9200E 8575N	201	202	0.16	55	100	0.01	32	970	12	< 2	3	137	0.03	< 10	< 10	761	< 10	132

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9624094

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
L9200E 8625N	201	202	< 2	< 5	2	0.2	2.15	26	610	0.5	< 2	0.05	3.5	7	36	131	3.30	< 10	< 1	0.15	10
L9200E 8650N	201	202	< 4	< 10	4	0.8	1.55	60	160	0.5	< 2	0.03	1.0	1	45	99	6.04	< 10	< 1	0.44	10
L9200E 8675N	201	202	2	< 5	8	0.8	2.40	56	280	1.0	< 2	0.65	6.0	10	56	216	5.12	< 10	< 1	0.29	10
L9200E 8700N	201	202	< 4	< 10	4	3.2	0.69	30	1920	0.5	< 2	1.99	75.5	2	107	170	1.11	< 10	< 1	0.09	10
L9200E 8725N	201	202	2	5	14	5.6	1.42	86	2430	2.0	< 2	1.89	75.0	10	207	247	2.54	< 10	< 1	0.25	30
L9200E 8750N	201	202	< 2	5	26	4.2	0.81	56	1080	1.5	< 2	5.20	36.5	12	254	287	2.26	< 10	< 1	0.17	10
L9200E 8775N	201	202	< 2	< 5	8	3.2	0.88	46	1530	1.5	< 2	2.75	51.5	4	181	169	1.52	< 10	< 1	0.17	20
L9200E 8800N	201	202	< 2	< 5	12	4.4	1.10	60	2350	2.0	< 2	2.37	54.0	6	243	217	2.01	< 10	< 1	0.24	30
L9400E 8400N	201	202	< 2	< 5	< 2	1.0	0.88	16	1130	< 0.5	< 2	0.13	1.5	3	43	37	1.41	< 10	< 1	0.04	10
L9400E 8425N	201	202	2	< 5	4	1.2	0.88	18	510	< 0.5	< 2	0.04	0.5	< 1	55	74	2.56	< 10	< 1	0.13	10
L9400E 8450N	201	202	2	< 5	4	1.2	0.77	34	380	< 0.5	< 2	0.09	2.5	3	46	59	2.30	< 10	< 1	0.15	10
L9400E 8475N	201	202	2	< 5	2	1.2	1.10	22	570	0.5	< 2	0.22	4.5	4	56	76	2.28	< 10	< 1	0.12	10
L9400E 8500N	201	202	< 4	< 10	< 4	1.0	0.82	< 2	460	< 0.5	< 2	0.16	1.0	1	24	24	1.19	< 10	1	0.08	< 10
L9400E 8525N	201	202	< 2	< 5	2	1.0	0.64	14	830	0.5	< 2	0.55	4.5	4	36	46	1.30	< 10	< 1	0.09	10
L9400E 8550N	201	202	4	< 5	14	2.4	2.54	76	210	2.5	< 2	0.98	48.0	12	95	185	5.99	< 10	< 1	0.34	30
L9400E 8575N	201	202	2	< 5	6	1.2	0.75	16	1100	0.5	< 2	0.29	8.0	4	49	78	1.65	< 10	< 1	0.13	10
L9400E 8625N	201	202	< 2	< 5	2	1.0	0.71	32	460	0.5	< 2	0.33	4.5	3	45	64	2.52	< 10	3	0.16	10
L9400E 8650N	201	202	< 2	< 5	< 2	0.4	0.53	32	460	< 0.5	< 2	0.03	0.5	< 1	31	30	2.63	< 10	1	0.18	10
L9400E 8675N	201	202	< 2	< 5	2	0.6	0.93	38	580	< 0.5	< 2	0.02	1.5	< 1	40	82	3.00	< 10	2	0.21	10
L9400E 8700N	201	202	2	5	10	1.2	0.57	14	430	< 0.5	< 2	0.02	3.5	< 1	38	87	2.27	< 10	< 1	0.18	10
L9400E 8725N	201	202	2	< 5	4	0.6	1.51	38	1000	0.5	< 2	0.06	3.5	6	81	135	3.50	< 10	< 1	0.10	10
L9400E 8750N	201	202	< 2	< 5	2	0.8	0.97	32	2640	0.5	< 2	1.06	14.5	24	83	97	3.14	< 10	< 1	0.14	20
L9400E 8775N	201	202	< 2	< 5	4	1.2	1.31	44	2560	1.5	< 2	2.37	18.5	18	99	118	2.80	< 10	< 1	0.17	30
L9400E 8800N	201	202	< 2	< 5	< 2	0.8	0.69	14	620	1.0	< 2	0.60	13.5	10	74	82	1.51	< 10	< 1	0.14	20
L9400E 8825N	201	202	< 2	< 5	14	3.8	1.41	82	1410	1.5	< 2	8.72	73.0	12	173	237	2.40	< 10	< 1	0.21	10
L9400E 8850N	201	202	< 2	5	8	3.8	1.02	68	590	1.5	< 2	5.01	73.0	21	180	284	2.39	< 10	< 1	0.19	10
L9400E 8875N	201	202	< 2	5	12	4.0	0.74	40	890	1.0	< 2	3.71	22.5	12	221	154	2.13	< 10	1	0.22	20
L9400E 8900N	201	202	2	10	38	5.6	0.64	50	1520	1.5	< 2	6.90	17.0	6	256	163	3.06	< 10	< 1	0.11	20
L9600E 8400N	201	202	2	< 5	4	1.6	0.67	18	930	0.5	< 2	0.37	8.0	6	39	59	2.55	< 10	< 1	0.07	10
L9600E 8425N	201	202	2	< 5	4	1.4	0.66	12	2330	0.5	< 2	0.48	8.0	3	54	56	1.18	< 10	< 1	0.06	10
L9600E 8450N	201	202	< 2	< 5	< 2	0.8	0.59	20	730	< 0.5	< 2	0.14	2.0	1	31	50	2.18	< 10	< 1	0.14	10
L9600E 8475N	201	202	< 4	< 10	< 4	0.2	0.30	8	800	< 0.5	< 2	0.10	2.0	< 1	26	32	1.13	< 10	< 1	0.08	10
L9600E 8500N	201	202	4	< 5	6	2.2	0.51	24	270	0.5	< 2	0.19	2.5	< 1	60	69	3.39	< 10	< 1	0.20	< 10
L9600E 8525N	201	202	< 4	< 10	< 4	0.2	0.54	8	970	< 0.5	< 2	0.14	1.5	1	17	21	1.00	< 10	1	0.08	10
L9600E 8550N	201	202	< 2	< 5	< 2	0.6	1.09	12	720	< 0.5	< 2	0.07	< 0.5	2	24	29	2.88	< 10	< 1	0.08	10
L9600E 8575N	201	202	< 2	< 5	< 2	0.8	1.50	20	680	< 0.5	< 2	0.09	0.5	5	36	51	3.61	< 10	< 1	0.13	10
L9600E 8625N	201	202	6	< 5	10	2.4	0.42	12	820	0.5	< 2	0.06	1.5	1	73	99	1.20	< 10	< 1	0.13	10
L9600E 8650N	201	202	< 4	< 10	< 4	0.8	1.38	32	400	0.5	< 2	0.11	2.5	3	47	85	3.42	< 10	< 1	0.20	10
L9600E 8675N	201	202	2	< 5	4	1.8	0.93	24	790	0.5	< 2	0.06	0.5	1	78	81	1.52	< 10	3	0.09	10
L9600E 8700N	201	202	< 2	< 5	< 2	1.0	0.52	14	910	0.5	< 2	0.09	2.0	< 1	36	38	1.31	< 10	< 1	0.08	10

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 BLK.96-04
Comments ATTN:D A. CAUFIELD

Certificate Date 21-JUL-96
Invoice No. I9624094
P O. Number
Account EIA

CERTIFICATE OF ANALYSIS A9624094

SAMPLE	PREP CODE		Mg %	Mn ppm	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
L9200E 8625N	201	202	2.56	140	93	< 0.01	351	1060	8	6	6	157	0.01	< 10	< 10	1300	< 10	1045
L9200E 8650N	201	202	1.49	45	181	0.02	60	1150	26	< 2	5	107	0.02	< 10	< 10	1435	< 10	350
L9200E 8675N	201	202	1.25	280	106	0.01	336	1560	20	8	8	246	0.02	< 10	< 10	1285	< 10	782
L9200E 8700N	201	202	0.12	35	55	< 0.01	291	980	< 2	6	5	258	0.08	< 10	< 10	2420	< 10	4740
L9200E 8725N	201	202	0.94	125	156	< 0.01	799	2180	6	12	11	298	0.09	< 10	< 10	5580	< 10	6560
L9200E 8750N	201	202	1.16	180	55	< 0.01	368	1610	< 2	6	6	420	0.04	< 10	< 10	2540	< 10	2710
L9200E 8775N	201	202	0.59	70	92	< 0.01	429	2460	< 2	2	7	412	0.12	< 10	< 10	4370	< 10	4960
L9200E 8800N	201	202	0.55	100	135	< 0.01	515	3290	4	6	10	429	0.14	< 10	< 10	6580	< 10	6130
L9400E 8400N	201	202	0.16	25	6	< 0.01	20	910	< 2	< 2	< 1	92	0.02	< 10	< 10	281	< 10	58
L9400E 8425N	201	202	0.09	40	21	< 0.01	10	940	< 2	< 2	< 1	159	0.01	< 10	< 10	466	< 10	42
L9400E 8450N	201	202	0.15	50	61	< 0.01	36	1230	14	2	2	79	0.03	< 10	< 10	696	< 10	142
L9400E 8475N	201	202	0.33	150	42	< 0.01	94	1350	8	6	2	140	0.05	< 10	< 10	797	< 10	466
L9400E 8500N	201	202	0.08	35	10	0.01	15	1300	< 2	2	< 1	48	0.03	< 10	< 10	195	< 10	44
L9400E 8525N	201	202	0.08	120	29	< 0.01	92	890	< 2	< 2	3	124	0.06	< 10	< 10	552	< 10	366
L9400E 8550N	201	202	0.28	790	99	0.01	448	3480	60	8	27	476	0.05	< 10	< 10	1290	< 10	1585
L9400E 8575N	201	202	0.06	130	24	< 0.01	74	1980	< 2	4	1	186	0.03	< 10	< 10	525	< 10	358
L9400E 8625N	201	202	0.14	40	73	< 0.01	99	1060	< 2	< 2	2	192	0.01	< 10	< 10	567	< 10	358
L9400E 8650N	201	202	0.03	10	100	< 0.01	22	820	6	< 2	1	153	< 0.01	< 10	< 10	337	< 10	86
L9400E 8675N	201	202	0.15	45	109	0.01	51	980	6	2	2	200	< 0.01	< 10	< 10	382	< 10	178
L9400E 8700N	201	202	0.03	15	131	< 0.01	13	950	12	6	2	224	< 0.01	< 10	< 10	303	< 10	64
L9400E 8725N	201	202	0.10	265	81	< 0.01	331	2380	< 2	2	3	362	0.04	< 10	< 10	1005	< 10	1535
L9400E 8750N	201	202	0.60	275	129	< 0.01	1015	2030	< 2	8	5	272	0.11	< 10	< 10	1805	< 10	2380
L9400E 8775N	201	202	0.71	260	139	< 0.01	818	2590	< 2	6	8	488	0.09	< 10	< 10	2300	< 10	3550
L9400E 8800N	201	202	0.17	190	49	< 0.01	304	870	< 2	4	4	124	0.01	< 10	< 10	1975	< 10	1290
L9400E 8825N	201	202	2.20	275	116	< 0.01	628	1930	< 2	< 2	8	705	0.20	< 10	< 10	4310	< 10	7660
L9400E 8850N	201	202	1.10	220	137	< 0.01	973	2790	4	10	7	574	0.13	< 10	< 10	4020	< 10	6870
L9400E 8875N	201	202	1.41	250	35	< 0.01	343	2430	< 2	8	6	291	0.04	< 10	< 10	1750	< 10	2150
L9400E 8900N	201	202	0.80	115	19	< 0.01	311	>10000	18	2	6	761	0.02	< 10	< 10	1230	< 10	2110
L9600E 8400N	201	202	0.09	555	34	< 0.01	51	1350	< 2	6	2	140	0.01	< 10	< 10	548	< 10	298
L9600E 8425N	201	202	0.21	90	24	< 0.01	74	1210	< 2	< 2	3	146	0.03	< 10	< 10	637	< 10	886
L9600E 8450N	201	202	0.13	50	45	< 0.01	44	690	< 2	2	1	123	0.04	< 10	< 10	466	< 10	176
L9600E 8475N	201	202	0.04	20	32	< 0.01	30	630	< 2	< 2	< 1	102	0.01	< 10	< 10	308	< 10	98
L9600E 8500N	201	202	0.12	35	63	< 0.01	37	1590	< 2	4	3	143	0.04	< 10	< 10	702	< 10	146
L9600E 8525N	201	202	0.07	30	19	< 0.01	19	1470	< 2	< 2	< 1	70	< 0.01	< 10	< 10	222	< 10	80
L9600E 8550N	201	202	0.14	80	32	< 0.01	23	480	< 2	< 2	1	58	0.05	< 10	< 10	375	< 10	70
L9600E 8575N	201	202	0.46	155	72	< 0.01	86	820	< 2	< 2	4	112	0.05	< 10	< 10	595	< 10	330
L9600E 8625N	201	202	0.06	5	24	< 0.01	16	1080	< 2	6	< 1	190	0.01	< 10	< 10	450	< 10	72
L9600E 8650N	201	202	0.37	90	96	< 0.01	105	1500	10	< 2	1	271	0.03	< 10	< 10	763	< 10	450
L9600E 8675N	201	202	0.04	5	28	< 0.01	20	2360	< 2	< 2	< 1	130	0.01	< 10	< 10	494	< 10	84
L9600E 8700N	201	202	0.04	30	60	< 0.01	43	930	16	< 2	< 1	96	0.01	< 10	< 10	499	< 10	156

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave, North Vancouver
British Columbia, Canada V7J 2C1
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To: EQUITY ENGINEERING LTD

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

Project BLK.96-04
Comments ATTN:D A CAUFIELD

Certificate Date: 21-JUL-96
Invoice No. :19624094
P O Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9624094

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
L9600E 8725N	201	202	4	< 5	2	0.4	0.57	14	1020	< 0.5	2	0.34	0.5	1	45	29	1.18	< 10	< 1	0.10	10
L9600E 8750N	201	202	10	< 5	10	1.6	1.06	26	660	0.5	< 2	0.10	2.5	1	80	115	2.17	< 10	< 1	0.13	10
L9600E 8775N	201	202	6	< 5	4	0.8	0.68	4	890	< 0.5	< 2	0.13	2.0	3	51	42	1.27	< 10	< 1	0.13	10
L9600E 8800N	201	202	2	< 5	2	0.2	1.24	12	1200	< 0.5	< 2	0.04	0.5	3	30	34	2.54	< 10	< 1	0.08	10
L9600E 8825N	201	202	2	< 5	4	1.6	1.41	44	1840	0.5	4	0.26	12.5	19	94	84	3.15	< 10	< 1	0.16	10
L9600E 8850N	201	202	4	< 5	4	1.2	1.12	42	2540	1.0	< 2	0.36	8.5	8	83	99	2.07	< 10	< 1	0.13	10
L9600E 8875N	201	202	4	< 5	8	3.8	1.51	58	3060	1.5	< 2	1.04	46.0	14	243	179	2.43	< 10	< 1	0.21	20
L9600E 8900N	201	202	4	5	28	7.0	1.04	68	970	1.5	< 2	6.89	71.0	16	163	311	2.35	< 10	< 1	0.19	10
L9700E 8625N	201	202	10	< 5	18	1.6	1.88	64	210	0.5	< 2	0.26	3.0	7	83	171	5.84	< 10	< 1	0.42	10
L9700E 8650N	201	202	6	5	10	1.0	1.47	42	1150	0.5	< 2	0.05	2.0	5	58	97	4.84	< 10	< 1	0.34	30
L9700E 8675N	201	202	10	< 5	10	1.8	0.48	20	1290	0.5	< 2	0.10	3.5	< 1	58	63	0.97	< 10	< 1	0.09	10
L9700E 8700N	201	202	10	< 5	12	2.0	1.13	20	410	0.5	< 2	0.03	2.0	< 1	66	85	1.30	< 10	< 1	0.21	20
L9700E 8725N	201	202	8	< 5	8	1.4	0.94	24	680	0.5	< 2	0.14	1.5	< 1	62	75	1.81	< 10	< 1	0.15	10
L9700E 8750N	201	202	4	< 5	6	0.2	0.60	2	1030	< 0.5	< 2	0.02	0.5	< 1	33	33	0.97	< 10	< 1	0.05	10
L9700E 8775N	201	202	10	< 5	8	0.6	0.66	16	1720	0.5	< 2	0.13	4.0	3	50	82	0.85	< 10	< 1	0.08	10
L9700E 8800N	201	202	6	< 5	6	0.8	0.97	16	500	0.5	< 2	0.67	16.5	5	41	91	1.49	< 10	1	0.08	10
L9700E 8825N	201	202	6	< 5	6	0.8	0.58	16	560	< 0.5	< 2	0.20	4.0	1	36	64	1.28	< 10	< 1	0.07	10
L9700E 8850N	201	202	2	< 5	4	0.2	0.77	24	1340	1.0	< 2	0.50	35.5	12	55	83	1.69	< 10	< 1	0.11	30
L9700E 8875N	201	202	4	< 5	10	1.6	1.16	34	>10000	1.5	< 2	1.68	69.0	23	127	154	2.27	< 10	< 1	0.13	20
L9700E 8900N	201	202	4	< 5	14	4.6	0.89	60	750	1.5	< 2	1.69	42.0	9	194	199	2.23	< 10	< 1	0.17	20
L9700E 8925N	201	202	6	< 5	16	4.8	0.81	54	490	1.5	< 2	1.97	26.0	10	239	205	2.32	< 10	< 1	0.16	20
L9700E 8950N	201	202	6	5	18	4.0	0.94	52	1000	1.5	< 2	1.75	23.5	7	182	124	1.87	< 10	< 1	0.16	20
L9700E 8975N	201	202	6	< 5	12	2.2	0.92	30	1610	1.0	< 2	0.79	16.0	4	148	89	1.57	< 10	< 1	0.10	20
L9700E 9000N	201	202	4	< 5	6	1.0	0.87	6	1160	0.5	< 2	0.29	2.0	2	50	40	0.95	< 10	< 1	0.05	20
L9700E 9025N	201	202	6	< 5	8	0.2	0.70	24	460	0.5	< 2	0.24	5.5	1	28	42	1.84	< 10	< 1	0.13	20
L9700E 9050N	201	202	10	< 5	12	0.6	1.55	38	1200	1.5	< 2	1.69	34.5	23	130	178	4.25	< 10	< 1	0.11	30
L9700E 9075N	201	202	6	< 5	6	1.2	0.41	34	240	0.5	< 2	0.72	4.5	3	53	79	2.19	< 10	< 1	0.18	20
L9800E 8500N	201	202	2	< 5	4	1.8	2.83	52	810	3.0	< 2	7.64	38.0	25	38	453	4.19	< 10	< 1	0.05	10
L9800E 8525N	201	202	2	< 5	2	0.2	0.59	6	1050	< 0.5	< 2	0.04	0.5	< 1	19	31	1.17	< 10	< 1	0.08	10
L9800E 8550N	201	202	2	< 5	4	0.4	0.78	12	840	< 0.5	< 2	0.08	1.5	2	21	50	1.64	< 10	< 1	0.13	10
L9800E 8575N	201	202	4	< 5	4	0.6	1.04	24	600	0.5	< 2	0.23	4.0	7	25	83	2.25	< 10	< 1	0.12	10
L9800E 8625N	201	202	6	< 5	6	0.4	0.63	22	690	< 0.5	< 2	0.14	1.5	1	26	50	1.88	< 10	< 1	0.12	20
L9800E 8650N	201	202	4	< 5	6	0.6	0.90	26	610	0.5	< 2	0.27	5.0	7	33	73	1.70	< 10	< 1	0.10	10
L9800E 8675N	201	202	< 12	< 30	< 12	1.0	0.69	10	900	< 0.5	< 2	0.08	2.0	1	34	70	1.25	< 10	< 1	0.05	10
L9800E 8700N	201	202	10	< 5	10	1.4	0.67	24	440	0.5	< 2	0.08	2.0	< 1	50	92	1.68	< 10	< 1	0.12	10
L9800E 8725N	201	202	6	< 5	6	0.8	0.73	14	1000	< 0.5	< 2	0.19	3.0	1	38	47	1.41	< 10	< 1	0.06	10
L9800E 8750N	201	202	4	< 5	6	0.6	0.65	6	1100	0.5	< 2	0.29	4.5	1	36	68	1.03	< 10	< 1	0.10	20
L9800E 8775N	201	202	4	< 5	6	1.0	0.75	12	950	0.5	< 2	0.49	6.0	2	41	54	0.96	< 10	< 1	0.06	10
L9800E 8800N	201	202	6	< 5	6	1.0	1.67	34	1290	1.0	< 2	0.54	11.0	20	61	146	3.28	< 10	< 1	0.12	20
L9800E 8825N	201	202	6	< 5	12	1.8	1.29	52	660	1.5	< 2	4.30	25.0	25	93	208	3.47	< 10	< 1	0.22	30

CERTIFICATION Hart Bichler

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Project BLK 96-04
Comments: ATTN:D A CAUFIELD

Page Number :3-B
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CERTIFICATE OF ANALYSIS A9624094

SAMPLE	PREP CODE		Mg %	Mn ppm	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
L9600E 8725N	201	202	0.14	20	40	0.01	20	820	16	< 2	< 1	221	0.01	< 10	< 10	509	< 10	108
L9600E 8750N	201	202	0.08	25	51	< 0.01	39	2060	12	2	1	317	0.03	< 10	< 10	788	< 10	202
L9600E 8775N	201	202	0.06	35	30	< 0.01	32	1320	12	2	< 1	177	< 0.01	< 10	< 10	571	< 10	128
L9600E 8800N	201	202	0.12	95	36	< 0.01	50	450	14	6	1	46	0.03	< 10	< 10	365	< 10	254
L9600E 8825N	201	202	1.02	375	74	< 0.01	420	1290	18	2	4	109	0.01	< 10	< 10	1365	< 10	1915
L9600E 8850N	201	202	0.65	130	106	< 0.01	491	1230	12	< 2	5	163	0.04	< 10	< 10	1885	< 10	1330
L9600E 8875N	201	202	0.31	390	122	< 0.01	388	2900	22	4	< 1	267	0.02	< 10	< 10	6290	< 10	2730
L9600E 8900N	201	202	1.09	265	119	< 0.01	697	2360	20	8	7	570	0.09	< 10	< 10	3430	< 10	6880
L9700E 8625N	201	202	0.74	185	178	0.01	160	2490	34	12	7	326	0.05	< 10	< 10	1485	< 10	438
L9700E 8650N	201	202	0.21	105	198	0.01	70	1760	20	10	6	206	0.10	< 10	< 10	1180	< 10	274
L9700E 8675N	201	202	0.06	15	23	< 0.01	24	1670	10	2	1	148	0.02	< 10	< 10	387	< 10	114
L9700E 8700N	201	202	0.05	25	41	< 0.01	15	1560	12	4	3	389	< 0.01	< 10	< 10	503	< 10	66
L9700E 8725N	201	202	0.15	40	39	< 0.01	37	1940	12	2	1	226	0.03	< 10	< 10	664	< 10	158
L9700E 8750N	201	202	0.04	30	19	< 0.01	9	490	12	< 2	< 1	52	0.01	< 10	< 10	370	< 10	32
L9700E 8775N	201	202	0.03	80	34	< 0.01	29	1730	12	6	3	151	0.03	< 10	< 10	920	< 10	146
L9700E 8800N	201	202	0.11	220	36	< 0.01	102	1350	10	6	2	215	0.01	< 10	< 10	623	< 10	918
L9700E 8825N	201	202	0.06	15	36	< 0.01	28	1120	10	6	< 1	141	< 0.01	< 10	< 10	422	< 10	112
L9700E 8850N	201	202	0.24	220	89	< 0.01	449	1260	8	10	4	181	0.03	< 10	< 10	1500	< 10	1980
L9700E 8875N	201	202	0.61	615	107	< 0.01	655	1780	8	2	6	487	0.13	< 10	< 10	3210	< 10	5450
L9700E 8900N	201	202	0.98	185	88	< 0.01	469	2360	12	4	10	271	0.08	< 10	< 10	2910	< 10	4520
L9700E 8925N	201	202	0.82	150	48	< 0.01	330	2320	8	8	9	310	0.12	< 10	< 10	2460	< 10	2580
L9700E 8950N	201	202	0.75	150	53	< 0.01	295	2260	14	12	8	229	0.03	< 10	< 10	2260	< 10	2770
L9700E 8975N	201	202	0.41	105	18	< 0.01	123	1710	10	8	5	174	0.03	< 10	< 10	1380	< 10	1340
L9700E 9000N	201	202	0.11	25	13	< 0.01	60	1000	10	8	1	83	0.03	< 10	< 10	520	< 10	224
L9700E 9025N	201	202	0.10	60	75	< 0.01	47	780	20	2	1	98	0.03	< 10	< 10	538	< 10	284
L9700E 9050N	201	202	0.48	255	162	< 0.01	812	2410	12	2	9	916	0.26	< 10	< 10	2580	< 10	3260
L9700E 9075N	201	202	0.08	30	44	0.01	89	810	20	2	4	230	0.01	< 10	< 10	691	< 10	320
L9800E 8500N	201	202	6.34	1670	68	0.03	470	1350	20	14	6	612	< 0.01	< 10	100	364	< 10	3160
L9800E 8525N	201	202	0.05	25	53	< 0.01	21	670	18	2	< 1	78	0.01	< 10	< 10	335	< 10	100
L9800E 8550N	201	202	0.11	75	75	< 0.01	23	1300	18	4	1	138	0.01	< 10	< 10	378	< 10	118
L9800E 8575N	201	202	0.49	175	116	< 0.01	140	910	22	4	3	195	0.01	< 10	< 10	445	< 10	494
L9800E 8625N	201	202	0.10	55	89	< 0.01	38	1160	22	6	< 1	167	< 0.01	< 10	< 10	400	< 10	160
L9800E 8650N	201	202	0.25	240	77	< 0.01	81	1300	12	8	1	161	0.02	< 10	< 10	663	< 10	310
L9800E 8675N	201	202	0.09	25	26	< 0.01	20	1190	12	6	< 1	99	< 0.01	< 10	< 10	330	< 10	92
L9800E 8700N	201	202	0.10	25	34	< 0.01	15	1350	10	10	< 1	249	0.01	< 10	< 10	466	< 10	72
L9800E 8725N	201	202	0.20	40	26	< 0.01	33	1110	12	2	1	114	0.02	< 10	< 10	393	< 10	126
L9800E 8750N	201	202	0.08	55	31	< 0.01	31	950	10	< 2	1	161	< 0.01	< 10	< 10	550	< 10	308
L9800E 8775N	201	202	0.12	95	18	< 0.01	52	1200	10	< 2	1	174	0.02	< 10	< 10	542	< 10	306
L9800E 8800N	201	202	0.68	490	122	< 0.01	697	1690	12	8	6	171	0.03	< 10	< 10	1095	< 10	2820
L9800E 8825N	201	202	1.36	600	219	< 0.01	1010	3900	16	8	8	575	0.10	10	< 10	2570	< 10	3690

CERTIFICATION: Stewart Bradshaw

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

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

Project BLK.96-04
Comments: ATTN D.A CAUFIELD

Certificate Date: 21-JUL-96
Invoice No : I9624094
P O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9624094

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
L9800E 8850N	201	202	4	< 10	4	1.2	0.88	36	850	1.0	< 2	1.71	16.0	8	67	104	1.87	< 10	1	0.12	20
L9800E 8875N	201	202	2	< 5	10	2.2	0.93	68	1120	1.0	< 2	4.86	40.5	11	114	188	1.94	< 10	3	0.14	10
L9800E 8900N	201	202	4	< 5	14	4.4	0.65	66	1820	1.0	< 2	1.91	37.0	9	168	149	1.79	< 10	1	0.12	10
L9800E 8925N	201	202	4	5	18	4.6	0.68	66	1530	1.0	< 2	1.78	44.5	7	169	165	1.73	< 10	3	0.11	10
L9800E 8950N	201	202	6	5	20	4.4	0.64	56	1490	0.5	< 2	1.49	35.5	8	166	142	1.77	< 10	1	0.09	10
L9800E 8975N	201	202	2	< 5	4	0.6	0.71	32	910	0.5	< 2	1.30	28.5	17	47	168	2.55	< 10	1	0.05	< 10
L9800E 9000N	201	202	< 12	< 30	12	1.8	1.09	78	690	1.0	< 2	4.01	19.0	10	125	263	4.07	< 10	2	0.18	10
L9900E 8500N	201	202	< 12	< 30	< 12	1.0	0.62	12	1660	< 0.5	< 2	0.07	3.5	< 1	30	45	1.06	< 10	< 1	0.06	< 10
L9900E 8525N	201	202	4	< 5	4	0.4	0.61	16	900	< 0.5	< 2	0.21	3.5	3	20	48	1.50	< 10	< 1	0.10	< 10
L9900E 8550N	201	202	< 4	< 10	4	0.6	0.55	4	430	< 0.5	< 2	0.40	6.5	1	18	41	1.06	< 10	< 1	0.07	< 10
L9900E 8575N	201	202	4	< 5	6	0.4	1.37	26	1120	0.5	< 2	0.81	31.0	11	45	96	1.99	< 10	< 1	0.11	10
L9900E 8625N	201	202	8	< 5	12	2.0	0.77	28	260	0.5	< 2	0.33	4.5	1	71	101	2.48	< 10	< 1	0.19	10
L9900E 8650N	201	202	< 12	< 30	< 12	1.8	0.77	20	910	< 0.5	< 2	0.16	2.5	< 1	43	72	1.82	< 10	< 1	0.07	10
L9900E 8675N	201	202	8	< 5	10	1.6	0.40	20	520	0.5	< 2	0.16	2.5	< 1	46	84	1.48	< 10	< 1	0.15	10
L9900E 8700N	201	202	6	< 5	10	1.4	0.91	26	540	0.5	< 2	0.83	25.0	4	94	118	1.68	< 10	1	0.12	10
L9900E 8725N	201	202	8	< 5	14	1.4	1.04	46	410	0.5	< 2	0.25	4.0	1	93	125	1.78	< 10	1	0.18	10
L9900E 8750N	201	202	8	5	16	2.2	1.55	68	230	0.5	< 2	1.30	12.0	13	101	167	5.11	< 10	2	0.28	< 10
L9900E 8775N	201	202	< 6	< 15	< 6	2.0	1.01	26	730	0.5	< 2	1.42	4.0	1	62	71	1.65	< 10	1	0.07	< 10
L9900E 8800N	201	202	2	< 5	2	1.0	0.32	40	2000	0.5	< 2	0.65	6.0	4	51	54	1.92	< 10	< 1	0.05	10
L9900E 8825N	201	202	4	< 5	20	4.0	0.93	112	710	1.5	< 2	4.67	>100.0	22	172	302	2.84	< 10	3	0.25	10
L9900E 8850N	201	202	4	< 10	20	5.0	0.81	82	1260	1.0	< 2	5.22	63.5	12	149	201	2.06	< 10	3	0.16	10
L9900E 8875N	201	202	4	< 10	20	4.8	0.74	78	1720	1.5	< 2	4.79	24.5	12	194	168	2.28	< 10	3	0.14	10
L9900E 8900N	201	202	4	5	12	2.8	0.55	50	690	1.0	< 2	2.38	21.0	6	179	112	1.66	< 10	1	0.13	10
L9900E 8925N	201	202	10	5	26	2.8	0.80	46	1400	0.5	< 2	4.20	29.0	8	199	213	1.97	< 10	1	0.13	10
L9900E 8950N	201	202	14	5	14	2.0	0.26	26	190	< 0.5	< 2	0.84	1.5	< 1	52	69	2.27	< 10	< 1	0.25	< 10
L9900E 8975N	201	202	4	< 10	8	1.4	0.73	50	1430	0.5	< 2	5.48	9.5	10	84	158	2.24	< 10	1	0.11	10
L9900E 9000N	201	202	< 6	< 15	< 6	1.4	0.54	18	1680	< 0.5	< 2	2.16	6.0	4	46	53	1.45	< 10	< 1	0.06	10
L10000E 8625N	201	202	6	< 5	8	1.6	0.72	30	1000	0.5	< 2	0.49	14.0	4	63	86	1.49	< 10	< 1	0.12	10
L10000E 8650N	201	202	6	< 5	10	2.2	0.96	34	750	0.5	< 2	0.61	24.0	8	81	128	1.81	< 10	1	0.14	10
L10000E 8675N	201	202	2	< 5	8	1.2	0.81	14	450	0.5	< 2	0.93	16.5	2	50	88	1.09	< 10	< 1	0.11	10
L10000E 8700N	201	202	4	< 5	4	1.0	1.08	6	1580	< 0.5	< 2	0.19	1.5	1	44	39	1.39	< 10	< 1	0.06	10
L10000E 8725N	201	202	6	< 5	4	1.0	1.10	12	2220	< 0.5	< 2	0.27	2.0	2	42	34	1.90	< 10	< 1	0.06	10
L10000E 8750N	201	202	< 4	< 10	4	0.6	0.45	10	1500	< 0.5	< 2	0.23	1.5	< 1	30	24	0.89	< 10	< 1	0.05	10
L10000E 8775N	201	202	6	5	10	1.8	1.34	72	980	1.0	< 2	3.99	74.0	30	99	213	5.07	< 10	2	0.12	10
L10000E 8800N	201	202	4	< 5	12	3.4	0.76	54	1550	1.0	< 2	4.92	37.5	10	106	154	1.84	< 10	1	0.15	10
L10000E 8825N	201	202	4	< 10	16	3.2	0.71	72	900	0.5	< 2	5.76	55.0	12	159	168	1.71	< 10	2	0.19	10
L10000E 8850N	201	202	4	5	24	5.8	1.08	226	1170	1.5	< 2	6.67	>100.0	20	196	391	2.44	10	4	0.24	10
L10000E 8875N	201	202	4	< 5	14	4.0	0.98	100	1520	1.5	< 2	4.54	55.5	8	154	180	1.85	< 10	3	0.20	10
L10000E 8900N	201	202	4	5	16	5.0	0.99	82	1490	1.0	< 2	4.70	64.0	8	160	222	1.66	< 10	3	0.20	10
L10000E 8925N	201	202	8	< 5	18	3.4	0.92	104	1280	1.5	< 2	10.15	28.0	10	134	194	3.26	< 10	2	0.22	10

CERTIFICATION

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To. EQUITY ENGINEERING LTD.

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

Project : BLK 96-04
Comments ATTN.D.A CAUFIELD

Certificate Date: 21-JUL-96
Invoice No. : I9624094
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9624094

SAMPLE	PREP CODE		Mg %	Mn ppm	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
L9800E 8850N	201	202	0.41	200	90	< 0.01	490	1090	10	2	6	225	0.03	< 10	< 10	1535	< 10	1830
L9800E 8875N	201	202	1.45	195	131	< 0.01	672	2900	12	8	7	444	0.12	< 10	< 10	3300	< 10	5020
L9800E 8900N	201	202	0.86	150	57	< 0.01	390	2240	12	10	8	280	0.05	< 10	< 10	2360	< 10	3300
L9800E 8925N	201	202	0.79	140	54	< 0.01	435	2180	12	12	7	273	0.03	< 10	< 10	2320	< 10	4080
L9800E 8950N	201	202	0.66	200	47	< 0.01	346	2440	12	10	7	280	0.01	< 10	< 10	1815	< 10	3040
L9800E 8975N	201	202	0.32	225	74	< 0.01	609	1190	8	6	4	267	0.01	< 10	< 10	917	< 10	2790
L9800E 9000N	201	202	0.25	135	116	< 0.01	694	3860	14	6	9	885	0.03	< 10	< 10	1410	< 10	1835
L9900E 8500N	201	202	0.07	20	22	< 0.01	37	1250	14	< 2	< 1	113	< 0.01	< 10	< 10	363	< 10	146
L9900E 8525N	201	202	0.17	95	70	< 0.01	68	840	16	2	3	143	0.01	< 10	< 10	374	< 10	434
L9900E 8550N	201	202	0.07	25	34	< 0.01	53	1650	10	2	< 1	79	0.01	< 10	< 10	320	< 10	274
L9900E 8575N	201	202	0.30	220	72	< 0.01	284	1620	16	6	7	179	0.10	< 10	< 10	1125	< 10	1780
L9900E 8625N	201	202	0.12	35	42	< 0.01	63	2850	14	2	1	250	0.01	< 10	< 10	672	< 10	324
L9900E 8650N	201	202	0.14	20	28	< 0.01	30	1820	12	2	< 1	125	< 0.01	< 10	< 10	420	< 10	108
L9900E 8675N	201	202	0.04	5	48	< 0.01	28	1470	12	2	< 1	145	< 0.01	< 10	< 10	429	< 10	110
L9900E 8700N	201	202	0.09	175	32	< 0.01	144	2480	12	6	4	350	0.02	< 10	< 10	660	< 10	992
L9900E 8725N	201	202	0.09	85	56	< 0.01	65	3960	16	4	4	252	0.01	< 10	< 10	944	< 10	214
L9900E 8750N	201	202	0.36	465	74	0.01	317	7660	14	8	8	425	0.01	< 10	< 10	1115	< 10	1310
L9900E 8775N	201	202	0.09	55	23	< 0.01	93	2320	12	2	< 1	191	< 0.01	< 10	< 10	548	< 10	198
L9900E 8800N	201	202	0.06	35	107	< 0.01	586	500	6	4	2	99	0.01	< 10	< 10	1200	< 10	704
L9900E 8825N	201	202	0.44	330	163	< 0.01	903	3810	18	16	8	718	0.06	< 10	< 10	4360	10	9490
L9900E 8850N	201	202	1.54	205	102	< 0.01	601	2510	16	20	7	613	0.07	< 10	< 10	3460	< 10	6130
L9900E 8875N	201	202	1.34	200	53	< 0.01	445	3580	12	16	7	720	0.05	< 10	< 10	2060	< 10	2810
L9900E 8900N	201	202	1.11	110	25	< 0.01	266	2370	8	10	5	260	0.03	< 10	< 10	1375	< 10	1785
L9900E 8925N	201	202	2.21	230	50	< 0.01	332	2540	10	8	6	371	0.07	< 10	< 10	1845	< 10	2660
L9900E 8950N	201	202	0.05	5	33	0.01	31	1490	20	2	< 1	179	< 0.01	< 10	< 10	328	< 10	84
L9900E 8975N	201	202	1.26	165	133	< 0.01	558	1580	16	6	7	467	0.12	< 10	< 10	1700	< 10	956
L9900E 9000N	201	202	0.09	35	51	< 0.01	209	1070	8	8	1	242	0.01	< 10	< 10	800	< 10	542
L10000E 8625N	201	202	0.24	145	47	< 0.01	130	2070	16	6	3	281	0.01	< 10	< 10	720	< 10	784
L10000E 8650N	201	202	0.30	205	55	< 0.01	221	2260	16	8	4	288	0.02	< 10	< 10	1040	< 10	1340
L10000E 8675N	201	202	0.18	110	40	< 0.01	140	1830	12	8	2	179	0.01	< 10	< 10	673	< 10	584
L10000E 8700N	201	202	0.23	45	15	< 0.01	27	1220	12	< 2	1	89	0.02	< 10	< 10	363	< 10	150
L10000E 8725N	201	202	0.28	90	19	< 0.01	34	1230	10	2	1	110	0.03	< 10	< 10	357	< 10	224
L10000E 8750N	201	202	0.07	20	18	< 0.01	51	810	10	2	< 1	61	0.01	< 10	< 10	463	< 10	138
L10000E 8775N	201	202	0.74	745	143	< 0.01	1135	2410	16	12	6	385	0.08	< 10	< 10	2240	10	8930
L10000E 8800N	201	202	0.81	210	120	< 0.01	680	2080	12	12	5	479	0.08	< 10	< 10	2960	< 10	5020
L10000E 8825N	201	202	1.10	230	85	< 0.01	557	2180	12	12	4	449	0.05	< 10	< 10	2850	< 10	4430
L10000E 8850N	201	202	1.26	285	163	< 0.01	817	2750	22	24	8	622	0.11	< 10	< 10	5210	< 10	7580
L10000E 8875N	201	202	1.18	155	109	< 0.01	536	2560	14	12	7	469	0.07	< 10	< 10	4060	< 10	5520
L10000E 8900N	201	202	1.08	135	92	< 0.01	668	2730	14	10	8	544	0.09	< 10	< 10	4070	< 10	6640
L10000E 8925N	201	202	0.90	130	200	< 0.01	726	2260	20	12	9	875	0.06	< 10	< 10	3180	< 10	3170

CERTIFICATION: Stuart Bichler

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SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
L10000E 8950N	201	202	4	< 10	4	1.8	0.48	38	870	0.5	< 2	3.81	26.5	4	104	100	1.07	< 10	1	0.13	10
L10000E 8975N	201	202	6	< 5	12	3.4	1.00	74	1210	1.5	< 2	5.01	16.0	11	140	150	2.57	< 10	3	0.19	20
L10000E 9000N	201	202	< 12	< 30	< 12	3.6	0.93	66	560	1.0	< 2	0.70	15.0	7	144	137	2.86	< 10	1	0.22	20
L10000E 9025N	201	202	8	< 5	10	6.6	0.09	274	60	< 0.5	< 2	< 0.01	< 0.5	< 1	111	43	>15.00	< 10	< 1	2.16	< 10
L10000E 9050N	201	202	< 4	< 10	4	1.6	0.74	18	510	0.5	< 2	1.22	4.5	5	57	42	1.40	< 10	< 1	0.08	10
L10000E 9075N	201	202	< 4	< 10	8	1.2	0.95	44	480	0.5	< 2	2.17	10.0	8	66	108	2.25	< 10	< 1	0.16	< 10
L10000E 9100N	201	202	< 4	< 10	8	1.4	0.53	28	450	< 0.5	< 2	0.51	1.5	2	59	57	1.82	< 10	< 1	0.13	< 10
L10100E 8625N	201	202	12	< 5	10	2.0	0.51	32	370	< 0.5	< 2	0.44	10.0	3	49	91	2.80	< 10	< 1	0.25	< 10
L10100E 8650N	201	202	< 12	< 30	< 12	1.8	0.96	10	900	< 0.5	< 2	0.16	2.0	< 1	39	106	2.16	< 10	< 1	0.08	< 10
L10100E 8675N	201	202	6	< 5	4	2.0	0.59	54	220	< 0.5	< 2	0.01	2.0	< 1	51	60	3.38	< 10	< 1	0.25	< 10
L10100E 8700N	201	202	12	< 5	12	3.2	0.57	46	190	< 0.5	< 2	0.24	2.5	< 1	90	127	3.01	< 10	< 1	0.20	< 10
L10100E 8725N	201	202	4	< 5	4	1.0	0.97	22	1260	0.5	< 2	0.42	5.0	1	63	60	1.43	< 10	1	0.14	10
L10100E 8750N	201	202	12	< 5	18	1.8	1.18	42	300	0.5	< 2	0.22	3.5	< 1	68	114	2.92	< 10	1	0.19	10
L10100E 8775N	201	202	< 12	< 30	< 12	< 0.2	0.33	20	3010	0.5	< 2	0.11	7.5	2	41	61	1.21	< 10	< 1	0.07	10
L10100E 8800N	201	202	6	5	8	1.4	0.68	58	>10000	0.5	< 2	3.37	12.0	10	48	109	2.16	< 10	1	0.08	10
L10100E 8825N	201	202	4	< 5	8	1.8	0.91	46	>10000	1.0	< 2	2.25	19.0	11	78	143	2.17	< 10	1	0.13	30
L10100E 8850N	201	202	6	5	22	8.4	1.68	94	2120	1.5	< 2	5.78	79.5	19	191	270	2.41	< 10	4	0.25	20
L10100E 8875N	201	202	4	5	12	4.4	1.19	72	1130	1.0	< 2	1.62	43.0	12	151	170	2.88	< 10	3	0.18	10
L10100E 8900N	201	202	6	< 5	18	6.4	1.20	90	1910	1.5	< 2	2.97	86.0	13	168	287	2.23	10	3	0.20	30
L10200E 8625N	201	202	6	< 5	4	0.8	0.91	22	1470	< 0.5	< 2	0.28	2.5	3	37	41	2.11	< 10	< 1	0.06	10
L10200E 8650N	201	202	10	< 5	12	1.4	1.48	32	740	1.5	< 2	1.95	45.5	11	61	237	2.05	< 10	1	0.16	10
L10200E 8675N	201	202	4	< 10	8	2.2	1.84	78	160	1.0	< 2	0.41	10.0	7	89	204	5.92	< 10	1	0.38	10
L10200E 8700N	201	202	4	< 5	4	1.0	0.90	10	970	< 0.5	< 2	0.24	2.0	1	46	52	0.99	< 10	< 1	0.09	10
L10200E 8725N	201	202	4	< 5	6	1.4	0.71	20	570	0.5	< 2	1.02	7.0	2	44	66	1.33	< 10	< 1	0.09	10
L10200E 8750N	201	202	< 2	< 5	2	0.2	0.57	6	6820	< 0.5	< 2	2.03	4.0	5	16	23	0.97	< 10	< 1	0.05	< 10
L10200E 8775N	201	202	4	< 5	10	3.0	0.55	54	3870	0.5	< 2	2.87	47.5	6	96	159	1.33	< 10	2	0.13	10
L10200E 8800N	201	202	4	< 5	22	7.0	1.23	82	2690	1.0	< 2	6.71	>100.0	12	163	333	1.55	< 10	4	0.23	20
L10200E 8825N	201	202	< 4	< 10	8	3.6	0.62	26	1340	0.5	< 2	3.46	81.0	4	69	153	0.93	< 10	< 1	0.07	10
L10200E 8850N	201	202	2	< 5	6	3.6	1.03	64	3140	1.0	< 2	0.45	29.5	8	173	107	1.99	< 10	2	0.19	30
L10200E 8875N	201	202	2	< 5	2	2.0	1.00	54	1740	0.5	< 2	0.17	12.0	3	172	54	1.85	< 10	3	0.20	30
L10200E 8900N	201	202	2	< 5	6	2.6	1.09	68	1080	1.5	< 2	0.64	20.0	9	107	96	2.05	< 10	1	0.12	30
L10200E 8925N	201	202	2	< 5	6	1.4	1.14	48	1390	0.5	< 2	0.21	10.0	3	175	134	2.19	< 10	1	0.17	20
L10200E 8950N	201	202	4	< 10	24	15.6	1.35	80	1800	1.5	< 2	1.57	>100.0	9	171	332	2.25	< 10	4	0.16	30
L10200E 8975N	201	202	< 4	< 10	8	4.8	0.98	56	1680	0.5	< 2	1.05	35.0	11	124	133	2.36	< 10	1	0.13	20
L10200E 9000N	201	202	4	< 5	12	4.2	0.91	42	1190	1.0	< 2	2.37	58.0	10	104	172	1.65	< 10	1	0.11	10
L10200E 9025N	201	202	6	< 5	20	10.2	1.32	106	1780	1.5	< 2	1.92	77.0	17	212	352	3.22	< 10	4	0.20	30
L10200E 9050N	201	202	4	< 5	12	7.4	1.05	82	1370	1.5	< 2	1.61	48.0	18	166	187	2.95	< 10	4	0.17	20
L10200E 9075N	201	202	< 12	< 30	24	7.4	1.07	94	1330	1.5	< 2	1.98	72.5	7	162	263	2.10	< 10	4	0.20	20
L10200E 9100N	201	202	4	5	12	4.8	1.05	64	1490	1.5	< 2	2.13	37.5	8	152	164	2.02	< 10	2	0.20	30

CERTIFICATION

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 : BLK.96-04
Comments: ATTN:D.A CAUFIELD

Page Number :5-B
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Invoice No. :I9624094
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9624094

SAMPLE	PREP CODE		Mg %	Mn ppm	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
L10000E 8950N	201	202	0.87	115	34	< 0.01	207	1570	8	10	3	326	0.01	< 10	< 10	1465	< 10	1580
L10000E 8975N	201	202	1.27	180	119	< 0.01	556	2530	18	6	8	654	0.09	< 10	< 10	3050	< 10	1960
L10000E 9000N	201	202	0.42	95	66	< 0.01	310	2090	14	2	3	173	0.08	< 10	< 10	2230	< 10	1420
L10000E 9025N	201	202	< 0.01	< 5	19	0.23	6	>10000	6	6	8	108	0.01	< 10	< 10	467	< 10	18
L10000E 9050N	201	202	1.02	125	39	< 0.01	160	1250	8	< 2	3	137	0.02	< 10	< 10	661	< 10	332
L10000E 9075N	201	202	0.32	205	58	< 0.01	516	2380	12	4	3	445	0.01	< 10	< 10	882	< 10	1000
L10000E 9100N	201	202	0.11	20	46	< 0.01	188	1790	10	4	1	166	0.01	< 10	< 10	630	< 10	250
L10100E 8625N	201	202	0.03	170	32	< 0.01	64	2280	14	2	3	148	< 0.01	< 10	< 10	372	< 10	392
L10100E 8650N	201	202	0.06	35	28	< 0.01	30	1880	10	2	1	79	< 0.01	< 10	< 10	280	< 10	156
L10100E 8675N	201	202	0.04	40	101	0.01	10	1510	14	4	3	74	< 0.01	< 10	< 10	386	< 10	48
L10100E 8700N	201	202	0.18	< 5	49	< 0.01	21	3710	14	8	7	322	0.06	< 10	< 10	900	< 10	120
L10100E 8725N	201	202	0.07	25	85	< 0.01	144	1680	8	4	4	164	0.07	< 10	< 10	1265	< 10	938
L10100E 8750N	201	202	0.12	35	54	< 0.01	53	3430	20	6	5	238	0.05	< 10	< 10	987	< 10	182
L10100E 8775N	201	202	0.05	20	64	< 0.01	286	310	8	< 2	4	31	0.01	< 10	< 10	867	< 10	486
L10100E 8800N	201	202	0.24	275	93	< 0.01	989	2530	10	6	3	544	0.05	< 10	< 10	1020	< 10	1980
L10100E 8825N	201	202	0.85	340	120	< 0.01	703	2140	10	6	6	238	0.04	< 10	< 10	1775	< 10	2860
L10100E 8850N	201	202	1.27	460	127	< 0.01	894	3070	18	16	9	606	0.13	< 10	< 10	5700	10	>10000
L10100E 8875N	201	202	0.73	230	95	< 0.01	536	2480	12	22	9	266	0.10	< 10	< 10	3550	< 10	5670
L10100E 8900N	201	202	0.90	255	111	< 0.01	759	3320	18	22	9	421	0.09	< 10	< 10	4620	< 10	8000
L10200E 8625N	201	202	0.30	115	26	< 0.01	35	1290	10	4	1	90	0.02	< 10	< 10	358	< 10	220
L10200E 8650N	201	202	2.02	720	44	< 0.01	400	2070	12	6	7	387	0.02	< 10	< 10	1255	< 10	3550
L10200E 8675N	201	202	0.52	415	82	0.01	264	5830	16	10	4	305	0.02	< 10	< 10	1300	< 10	1395
L10200E 8700N	201	202	0.15	25	20	< 0.01	34	1240	12	2	< 1	101	0.01	< 10	< 10	464	< 10	134
L10200E 8725N	201	202	0.20	255	28	< 0.01	113	1660	10	6	1	149	0.01	< 10	< 10	645	< 10	476
L10200E 8750N	201	202	0.32	335	19	< 0.01	119	1080	4	4	< 1	138	0.01	< 10	< 10	265	< 10	562
L10200E 8775N	201	202	0.67	145	86	< 0.01	553	2270	10	10	3	326	0.03	< 10	< 10	2370	< 10	3940
L10200E 8800N	201	202	1.15	305	104	< 0.01	681	4110	18	18	7	729	0.09	< 10	< 10	5010	10	>10000
L10200E 8825N	201	202	0.17	135	39	< 0.01	256	1450	8	16	2	267	0.03	< 10	< 10	1400	< 10	3690
L10200E 8850N	201	202	0.24	180	114	< 0.01	246	1220	16	8	6	92	0.09	< 10	< 10	4520	< 10	1920
L10200E 8875N	201	202	0.20	45	116	< 0.01	205	590	14	2	5	35	0.06	< 10	< 10	4410	< 10	1260
L10200E 8900N	201	202	1.07	170	166	< 0.01	640	1790	12	8	4	130	0.03	< 10	< 10	2650	< 10	3040
L10200E 8925N	201	202	0.14	60	64	< 0.01	99	2070	20	6	< 1	124	< 0.01	< 10	< 10	2930	< 10	554
L10200E 8950N	201	202	0.71	195	105	< 0.01	760	1990	14	14	10	272	0.07	< 10	< 10	4090	10	9370
L10200E 8975N	201	202	0.30	270	124	< 0.01	396	1460	14	10	1	135	0.03	< 10	< 10	3090	< 10	3730
L10200E 9000N	201	202	0.80	210	52	< 0.01	525	2200	10	10	5	326	0.04	< 10	< 10	2160	< 10	5580
L10200E 9025N	201	202	1.09	355	172	< 0.01	920	4060	20	24	13	382	0.13	< 10	< 10	5490	10	9190
L10200E 9050N	201	202	0.74	405	110	< 0.01	690	2420	14	18	9	262	0.10	< 10	< 10	3880	< 10	6340
L10200E 9075N	201	202	0.71	120	101	< 0.01	607	1480	16	14	8	250	0.05	< 10	< 10	3500	< 10	6250
L10200E 9100N	201	202	0.79	130	103	< 0.01	461	2800	14	10	9	330	0.08	< 10	< 10	3270	< 10	3620

CERTIFICATION Stewart Buchler

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To EQUITY ENGINEERING LTD

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

A9624098

Comments. ATTN.D.A. CAUFIELD

CERTIFICATE A9624098

(EIA) - EQUITY ENGINEERING LTD

Project BLK 96-04
P O. #

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	118	Dry, sieve to -80 mesh
202	118	save reject
229	118	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
975	113	Au ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
976	113	Pt ppb: ICP-Fluorescence package	FA-ICP-AFS	5	10000
977	113	Pd ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
2118	118	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	118	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	118	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	118	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	118	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	118	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	118	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	118	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	118	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	118	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	118	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	118	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	118	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	118	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	118	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	118	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	118	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	118	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	118	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	118	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	118	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	118	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	118	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	118	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	118	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	118	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	118	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	118	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	118	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	118	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	118	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	118	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To EQUITY ENGINEERING LTD

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VANCOUVER, BC
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Project BLK 96-04
Comments ATTN D A. CAUFIELD

Page Number :1-A
Total Pages :3
Certificate Date 22-JUL-96
Invoice No. :I9624098
P O Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9624098

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
L10300E 8625N	201	202	4	< 10	8	2.2	0.82	32	470	0.5	< 2	0.12	5.0	< 1	80	98	2.14	< 10	1	0.19	10
L10300E 8650N	201	202	4	< 10	8	2.0	0.64	32	430	0.5	< 2	0.10	2.0	< 1	85	110	1.30	< 10	< 1	0.17	10
L10300E 8675N	201	202	< 4	< 10	< 2	2.2	1.08	36	470	1.0	< 2	1.01	4.0	7	87	85	2.11	< 10	1	0.20	10
L10300E 8700N	201	202	< 4	< 10	< 2	1.6	0.72	14	670	< 0.5	< 2	2.35	8.0	5	42	89	1.39	< 10	< 1	0.08	< 10
L10300E 8725N	201	202	< 4	< 10	< 2	1.2	0.36	30	260	< 0.5	< 2	0.21	4.0	< 1	32	59	1.60	< 10	< 1	0.18	10
L10300E 8750N	201	202	< 4	< 10	< 2	2.0	1.30	42	490	1.0	< 2	2.07	27.0	10	75	145	1.72	< 10	1	0.17	10
L10300E 8775N	201	202	< 4	< 10	4	4.6	0.77	78	2020	1.0	< 2	5.40	63.0	6	161	196	1.16	< 10	3	0.17	20
L10300E 8800N	201	202	< 4	< 10	4	4.2	1.13	54	2220	1.5	< 2	1.14	56.5	7	145	166	1.62	< 10	3	0.17	30
L10300E 8825N	201	202	< 4	< 10	4	1.2	1.09	38	790	0.5	< 2	0.70	30.0	4	70	115	1.60	< 10	< 1	0.18	10
L10300E 8850N	201	202	< 4	< 10	4	4.4	0.97	50	1380	1.5	< 2	2.56	63.0	8	118	186	1.49	< 10	1	0.13	10
L10300E 8875N	201	202	< 4	< 10	12	5.0	1.09	78	1560	1.5	< 2	2.64	85.0	10	160	315	1.83	< 10	4	0.15	20
L10300E 8900N	201	202	< 4	< 10	20	8.0	1.19	118	2270	1.5	< 2	6.56	>100.0	10	244	319	2.01	10	5	0.24	30
L10400E 8500N	201	202	< 4	< 10	8	2.2	1.93	72	360	1.0	< 2	0.68	25.5	8	66	191	3.39	< 10	1	0.27	10
L10400E 8525N	201	202	< 4	< 10	8	1.6	1.35	58	360	0.5	< 2	0.91	34.0	8	75	143	2.76	< 10	1	0.25	10
L10400E 8550N	201	202	< 4	< 10	12	4.2	1.35	52	960	1.5	< 2	2.09	72.5	9	147	196	2.10	< 10	3	0.23	20
L10400E 8575N	201	202	< 4	< 10	4	2.0	0.95	48	350	0.5	< 2	0.12	4.5	< 1	102	127	2.83	< 10	1	0.19	10
L10400E 8625N	201	202	8	< 10	12	2.6	0.68	48	260	0.5	< 2	0.16	3.0	< 1	100	99	2.70	< 10	< 1	0.21	10
L10400E 8650N	201	202	4	< 10	8	2.2	0.44	22	320	0.5	< 2	0.07	3.0	< 1	69	88	1.74	< 10	< 1	0.17	10
L10400E 8675N	201	202	< 4	< 10	4	2.0	0.80	42	340	0.5	< 2	0.30	5.0	3	69	111	2.72	< 10	< 1	0.19	< 10
L10400E 8700N	201	202	< 4	< 10	< 4	1.6	0.38	< 2	730	< 0.5	< 2	0.34	2.5	< 1	41	41	0.91	< 10	< 1	0.06	< 10
L10400E 8725N	201	202	< 4	< 10	4	1.6	1.42	46	120	0.5	< 2	1.38	9.5	3	74	102	3.64	< 10	< 1	0.22	< 10
L10400E 8750N	201	202	< 4	< 10	< 4	0.8	0.85	38	1060	1.0	< 2	0.90	23.0	16	60	142	1.35	< 10	< 1	0.12	10
L10400E 8775N	201	202	< 4	< 10	16	13.4	1.55	144	1720	1.5	< 2	1.74	>100.0	11	226	402	1.93	10	5	0.24	30
L10400E 8800N	201	202	< 4	< 10	12	6.8	1.08	98	1610	0.5	< 2	1.38	>100.0	10	143	281	1.88	< 10	4	0.15	20
L10400E 8825N	201	202	< 4	< 10	36	15.2	1.55	140	2330	2.0	< 2	2.60	>100.0	20	284	500	2.27	10	6	0.30	40
L10400E 8850N	201	202	< 4	< 10	12	8.0	1.29	148	1840	2.0	< 2	1.37	84.0	13	220	310	2.39	10	4	0.20	30
L10400E 8875N	201	202	< 4	< 10	8	7.8	1.29	88	1520	1.5	< 2	1.54	59.5	7	163	212	1.90	< 10	3	0.14	20
L10400E 8900N	201	202	< 4	< 10	16	7.2	1.05	102	1520	1.5	< 2	3.55	90.5	10	178	254	1.99	< 10	3	0.17	20
L10400E 8925N	201	202	< 4	< 10	8	6.0	1.15	64	1390	1.5	< 2	2.13	89.0	10	135	213	2.07	< 10	3	0.14	20
L10400E 8950N	201	202	< 4	< 10	16	7.4	1.09	130	2040	1.5	< 2	8.27	99.5	11	227	287	1.94	10	5	0.24	30
L10400E 8975N	201	202	< 4	< 10	28	12.2	1.48	112	1660	2.0	< 2	4.24	>100.0	26	238	354	2.50	10	5	0.29	30
L10400E 9000N	201	202	< 4	< 10	12	6.6	0.86	92	1690	1.5	< 2	8.17	>100.0	7	177	228	1.31	< 10	4	0.18	10
L10600E 8500N	201	202	< 4	< 10	8	1.0	1.54	64	180	0.5	< 2	0.06	2.5	1	43	124	3.75	< 10	< 1	0.36	10
L10600E 8525N	201	202	< 4	< 10	8	0.8	1.45	62	240	0.5	< 2	0.03	2.0	< 1	39	121	3.63	< 10	< 1	0.33	10
L10600E 8550N	201	202	< 4	< 10	8	1.4	2.17	60	650	1.0	< 2	0.41	39.0	9	59	156	3.38	< 10	1	0.25	20
L10600E 8575N	201	202	< 4	< 10	4	1.6	0.71	36	520	0.5	< 2	0.34	24.5	4	37	68	1.86	< 10	< 1	0.15	10
L10600E 8625N	201	202	< 4	< 10	< 4	0.6	1.06	36	810	< 0.5	< 2	0.16	4.0	4	33	71	2.59	< 10	< 1	0.21	10
L10600E 8650N	201	202	< 4	< 10	< 4	0.2	1.01	26	1110	< 0.5	< 2	0.21	2.5	5	35	50	2.35	< 10	< 1	0.15	10
L10600E 8675N	201	202	< 4	< 10	< 4	0.4	1.03	22	1100	< 0.5	< 2	0.22	2.0	5	34	45	2.37	< 10	< 1	0.13	10
L10600E 8700N	201	202	< 4	< 10	4	1.4	0.95	28	960	0.5	< 2	0.20	2.5	2	62	87	1.71	< 10	< 1	0.14	10

CERTIFICATION: Stewart Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
Bntish 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 . BLK.96-04
Comments: ATTN:D A CAUFIELD

Certificate Date 22-JUL-96
Invoice No I9624098
P.O. Number
Account .EIA

CERTIFICATE OF ANALYSIS A9624098

SAMPLE	PREP CODE		Mg %	Mn ppm	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
L10300E 8625N	201	202	0.11	15	36	< 0.01	78	2210	20	8	2	218	0.01	< 10	< 10	695	< 10	286
L10300E 8650N	201	202	0.06	5	49	< 0.01	21	2930	16	8	3	125	< 0.01	< 10	10	633	< 10	60
L10300E 8675N	201	202	0.28	230	53	< 0.01	227	3200	14	8	5	362	0.04	< 10	10	1060	< 10	1220
L10300E 8700N	201	202	0.30	115	22	0.01	120	2250	6	6	2	326	0.01	< 10	< 10	491	< 10	700
L10300E 8725N	201	202	0.11	25	62	< 0.01	69	410	8	2	2	78	0.01	< 10	10	900	< 10	416
L10300E 8750N	201	202	1.97	200	75	< 0.01	546	1250	8	8	6	228	0.05	10	< 10	2030	< 10	2880
L10300E 8775N	201	202	0.52	110	94	< 0.01	437	1600	12	12	7	723	0.13	< 10	10	4590	< 10	5410
L10300E 8800N	201	202	0.69	175	70	< 0.01	460	1780	12	10	7	182	0.09	< 10	10	3930	< 10	5300
L10300E 8825N	201	202	0.31	100	61	< 0.01	230	1850	12	8	5	230	0.03	< 10	< 10	1545	< 10	2260
L10300E 8850N	201	202	0.76	115	86	< 0.01	599	1890	10	12	6	284	0.06	< 10	20	3040	< 10	5000
L10300E 8875N	201	202	1.00	180	93	< 0.01	789	1870	16	12	9	331	0.13	10	10	4070	< 10	7000
L10300E 8900N	201	202	0.78	175	196	< 0.01	833	4830	20	24	11	716	0.15	20	10	7170	10	9410
L10400E 8500N	201	202	0.82	145	126	< 0.01	407	2260	16	14	8	197	0.02	10	10	1645	< 10	1820
L10400E 8525N	201	202	0.64	150	94	< 0.01	309	2760	16	12	6	245	0.03	< 10	10	1310	< 10	1715
L10400E 8550N	201	202	0.98	155	77	< 0.01	444	3330	16	14	8	352	0.07	10	< 10	3030	< 10	3960
L10400E 8575N	201	202	0.06	15	85	< 0.01	90	2220	18	8	3	295	0.13	< 10	10	1340	< 10	368
L10400E 8625N	201	202	0.06	50	26	< 0.01	28	4090	14	4	5	233	0.01	< 10	10	539	< 10	138
L10400E 8650N	201	202	0.05	10	28	< 0.01	20	1640	12	2	< 1	128	< 0.01	< 10	< 10	550	< 10	76
L10400E 8675N	201	202	0.13	75	37	< 0.01	74	3530	12	6	4	202	< 0.01	< 10	< 10	551	< 10	298
L10400E 8700N	201	202	0.03	10	10	< 0.01	21	1890	4	6	< 1	50	< 0.01	< 10	< 10	191	< 10	72
L10400E 8725N	201	202	0.25	115	69	< 0.01	144	5550	14	8	6	381	0.01	< 10	10	959	< 10	788
L10400E 8750N	201	202	0.61	300	81	< 0.01	712	920	8	6	4	129	0.02	< 10	10	1570	< 10	3830
L10400E 8775N	201	202	0.81	300	164	< 0.01	703	3780	24	16	11	389	0.12	30	10	5750	10	>10000
L10400E 8800N	201	202	0.49	200	88	< 0.01	656	3210	18	22	8	280	0.10	< 10	10	3580	30	>10000
L10400E 8825N	201	202	0.51	455	231	< 0.01	943	2820	26	14	12	402	0.18	10	20	8200	10	>10000
L10400E 8850N	201	202	1.15	245	198	< 0.01	877	2870	20	16	13	285	0.13	10	10	6120	< 10	8380
L10400E 8875N	201	202	0.98	195	117	< 0.01	627	1890	14	12	8	237	0.06	10	30	4040	< 10	6790
L10400E 8900N	201	202	0.65	215	130	< 0.01	698	3820	16	22	9	536	0.13	10	10	4970	< 10	7890
L10400E 8925N	201	202	0.69	210	115	< 0.01	714	1560	10	10	9	299	0.11	10	< 10	3420	< 10	7470
L10400E 8950N	201	202	0.63	210	187	< 0.01	668	5500	20	24	9	919	0.14	10	< 10	6870	< 10	8170
L10400E 8975N	201	202	1.46	645	187	< 0.01	1010	4840	22	24	13	593	0.16	10	10	7080	30	>10000
L10400E 9000N	201	202	1.09	135	113	< 0.01	639	3550	16	14	7	902	0.11	20	< 10	5300	< 10	7880
L10600E 8500N	201	202	0.65	60	173	< 0.01	72	1650	22	14	5	168	0.01	< 10	10	896	< 10	258
L10600E 8525N	201	202	0.60	55	169	< 0.01	68	1520	22	14	5	164	0.01	10	< 10	814	< 10	202
L10600E 8550N	201	202	0.55	180	139	< 0.01	463	2120	20	14	7	197	0.03	< 10	20	1420	< 10	1750
L10600E 8575N	201	202	0.11	65	49	< 0.01	172	1530	12	6	< 1	213	< 0.01	< 10	< 10	644	< 10	1155
L10600E 8625N	201	202	0.41	180	69	< 0.01	71	1250	12	8	3	113	0.02	< 10	< 10	512	< 10	266
L10600E 8650N	201	202	0.34	170	40	< 0.01	53	1280	10	6	3	94	0.04	< 10	< 10	412	< 10	200
L10600E 8675N	201	202	0.35	200	33	< 0.01	45	1310	8	6	2	77	0.04	< 10	< 10	370	< 10	174
L10600E 8700N	201	202	0.27	80	32	< 0.01	64	2040	12	4	1	307	0.01	< 10	< 10	625	< 10	280

CERTIFICATION: Ian W. Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD

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

Project: BLK 96-04
Comments: ATTN:D A CAUFIELD

Certificate Date: 22-JUL-96
Invoice No. : I9624098
P.O Number
Account : EIA

CERTIFICATE OF ANALYSIS A9624098

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
L10600E 8725N	201	202	< 4	< 10	< 4	1.0	1.11	16	1670	0.5	2	0.36	5.0	6	52	66	2.00	< 10	< 1	0.07	10
L10600E 8750N	201	202	< 4	< 10	< 4	2.6	0.81	44	480	1.0	< 2	1.95	31.5	8	63	108	3.49	< 10	< 1	0.12	10
L10600E 8775N	201	202	< 4	< 10	8	2.2	1.02	34	310	0.5	< 2	1.24	23.5	10	61	144	2.50	< 10	< 1	0.13	10
L10600E 8800N	201	202	< 4	< 10	< 4	1.8	0.78	30	260	0.5	< 2	0.34	5.0	3	62	65	2.47	< 10	< 1	0.18	10
L10600E 8825N	201	202	< 4	< 10	12	3.0	0.21	40	460	< 0.5	< 2	< 0.01	0.5	< 1	52	36	1.77	< 10	< 1	0.22	< 10
L10600E 8850N	201	202	< 4	< 10	4	2.2	2.10	52	2680	1.5	< 2	3.06	47.5	20	111	211	4.14	< 10	1	0.10	10
L10600E 8875N	201	202	< 4	< 10	12	5.2	2.61	176	140	1.0	< 2	0.81	16.5	8	193	199	8.96	< 10	1	0.30	10
L10600E 8900N	201	202	< 4	< 10	8	2.6	0.54	36	430	0.5	< 2	0.63	6.0	< 1	105	54	2.48	< 10	< 1	0.15	10
L10600E 8925N	201	202	< 4	< 10	4	1.6	0.96	18	1510	0.5	< 2	1.21	7.0	6	63	76	1.26	< 10	< 1	0.11	10
L10600E 8950N	201	202	< 4	< 10	< 4	1.2	0.67	30	1800	1.0	< 2	0.72	5.5	7	81	58	1.57	< 10	< 1	0.14	20
L10600E 8975N	201	202	< 4	< 10	< 4	3.0	0.69	30	2040	1.0	< 2	1.16	31.0	4	87	87	1.40	< 10	< 1	0.08	10
L10600E 9000N	201	202	< 4	< 10	4	6.2	1.12	58	3440	1.5	< 2	0.44	73.0	13	137	178	2.19	< 10	1	0.11	20
L10600E 9025N	201	202	< 4	< 10	4	4.4	0.79	34	1740	1.0	< 2	0.96	53.0	7	90	133	1.77	< 10	< 1	0.09	10
L10600E 9050N	201	202	< 4	< 10	12	10.4	1.94	98	2850	2.0	< 2	0.86	>100.0	24	193	273	3.30	10	< 1	0.15	20
L10600E 9075N	201	202	< 4	< 10	8	9.4	0.90	84	880	1.5	< 2	2.05	>100.0	6	159	264	1.52	< 10	< 1	0.12	10
L10600E 9100N	201	202	< 4	< 10	16	12.8	1.26	142	1130	2.0	< 2	2.50	>100.0	16	250	365	2.27	10	< 1	0.23	30
L10800E 8400N	201	202	< 4	< 10	4	1.0	1.39	68	260	0.5	< 2	0.05	2.5	3	43	116	3.88	< 10	< 1	0.30	10
L10800E 8425N	201	202	< 4	< 10	< 4	0.8	1.26	38	980	0.5	< 2	0.23	8.0	10	33	105	2.74	< 10	< 1	0.23	20
L10800E 8450N	201	202	< 4	< 10	< 4	1.0	0.92	24	910	0.5	< 2	0.43	25.0	13	28	69	1.95	< 10	< 1	0.15	20
L10800E 8475N	201	202	< 4	< 10	< 4	1.4	0.98	32	820	0.5	< 2	1.70	39.0	7	51	97	1.84	< 10	< 1	0.20	10
L10800E 8500N	201	202	not/ss	not/ss	not/ss	3.2	2.28	56	310	0.5	< 2	0.17	19.0	7	50	211	3.33	< 10	< 1	0.25	20
L10800E 8525N	201	202	< 4	< 10	< 4	1.4	0.35	26	160	< 0.5	< 2	0.74	11.0	1	26	54	2.03	< 10	< 1	0.19	< 10
L10800E 8550N	201	202	< 4	< 10	< 4	1.2	0.41	28	190	< 0.5	< 2	0.11	5.0	1	31	37	2.26	< 10	< 1	0.19	10
L10800E 8575N	201	202	< 4	< 10	8	3.0	0.53	34	500	0.5	< 2	0.37	4.5	1	83	103	1.34	< 10	< 1	0.16	10
L10800E 8625N	201	202	< 4	< 10	8	0.8	1.14	48	550	0.5	< 2	0.25	3.5	1	35	118	2.41	< 10	< 1	0.20	10
L10800E 8650N	201	202	< 4	< 10	< 4	1.4	0.58	< 2	1920	< 0.5	< 2	0.88	5.5	< 1	35	50	0.69	< 10	< 1	0.05	10
L10800E 8675N	201	202	< 4	< 10	< 4	0.8	0.93	22	1280	0.5	< 2	0.36	5.0	5	45	48	1.89	< 10	< 1	0.13	10
L10800E 8700N	201	202	< 4	< 10	< 4	1.0	1.04	12	1660	< 0.5	< 2	0.37	5.5	3	40	43	1.72	< 10	< 1	0.07	10
L10800E 8725N	201	202	< 4	< 10	< 4	1.0	1.46	12	2060	< 0.5	< 2	0.30	3.0	4	43	60	2.73	< 10	< 1	0.08	10
L10800E 8750N	201	202	< 4	< 10	< 4	0.8	1.34	8	1760	< 0.5	2	0.24	5.0	3	44	44	1.44	< 10	< 1	0.07	10
L10800E 8775N	201	202	< 4	< 10	< 4	0.6	1.74	6	1000	0.5	< 2	0.72	8.0	6	50	43	1.20	< 10	< 1	0.08	10
L10800E 8800N	201	202	< 4	< 10	< 4	0.2	1.60	< 2	2630	< 0.5	< 2	0.52	2.5	4	41	28	1.22	< 10	< 1	0.07	10
L10800E 8825N	201	202	< 4	< 10	< 4	0.6	1.45	10	3210	< 0.5	2	0.31	1.5	5	44	17	2.46	< 10	< 1	0.06	10
L10800E 8850N	201	202	< 4	< 10	< 4	1.4	1.46	16	2550	0.5	< 2	0.27	2.5	3	48	50	2.19	< 10	< 1	0.09	10
L10800E 8875N	201	202	< 4	< 10	< 4	1.0	3.05	28	870	0.5	< 2	0.11	3.5	15	66	79	4.23	< 10	< 1	0.18	10
L10800E 8900N	201	202	< 4	< 10	4	2.8	0.62	26	110	0.5	< 2	0.41	8.5	3	59	97	3.37	< 10	< 1	0.39	10
L10800E 8925N	201	202	< 4	< 10	4	2.8	0.88	32	300	0.5	< 2	0.52	10.5	12	71	89	3.11	< 10	< 1	0.18	10
L10800E 8950N	201	202	< 4	< 10	< 4	1.4	1.21	16	1790	0.5	< 2	0.78	8.5	4	56	64	1.35	< 10	< 1	0.08	10
L10800E 8975N	201	202	< 4	< 10	< 4	1.4	0.47	6	1650	< 0.5	< 2	0.49	3.0	< 1	41	35	0.78	< 10	< 1	0.05	10
L10800E 9000N	201	202	< 4	< 10	4	3.2	0.94	26	360	0.5	< 2	0.81	7.5	6	75	99	2.02	< 10	< 1	0.13	10

CERTIFICATION _____

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CERTIFICATE OF ANALYSIS A9624098

SAMPLE	PREP CODE		Mg %	Mn ppm	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
L10600E 8725N	201	202	0.43	240	37	< 0.01	124	1500	12	< 2	4	154	0.03	< 10	< 10	363	< 10	408
L10600E 8750N	201	202	0.63	660	89	< 0.01	292	2540	14	10	6	219	< 0.01	< 10	< 10	655	< 10	1640
L10600E 8775N	201	202	0.20	535	41	< 0.01	235	2260	22	6	4	141	< 0.01	< 10	< 10	521	< 10	1695
L10600E 8800N	201	202	0.11	75	39	< 0.01	89	2610	18	4	1	138	< 0.01	< 10	< 10	527	< 10	444
L10600E 8825N	201	202	0.01	< 5	8	< 0.01	8	3580	16	6	3	248	< 0.01	< 10	< 10	188	< 10	20
L10600E 8850N	201	202	0.44	745	53	< 0.01	615	6010	16	8	8	412	0.04	< 10	10	994	< 10	4470
L10600E 8875N	201	202	0.10	295	70	< 0.01	286	>10000	14	14	12	653	0.01	< 10	20	1470	< 10	1435
L10600E 8900N	201	202	0.07	30	37	< 0.01	37	6310	8	2	5	286	0.03	< 10	< 10	741	< 10	210
L10600E 8925N	201	202	0.43	150	43	< 0.01	271	1660	6	< 2	4	208	0.04	< 10	< 10	1330	< 10	838
L10600E 8950N	201	202	0.34	80	84	< 0.01	310	920	8	2	5	162	0.07	< 10	< 10	2100	< 10	806
L10600E 8975N	201	202	0.17	50	54	< 0.01	363	740	8	6	4	175	0.05	< 10	10	1930	< 10	3980
L10600E 9000N	201	202	0.62	470	104	< 0.01	522	1310	10	6	6	121	0.07	< 10	10	2970	< 10	5790
L10600E 9025N	201	202	0.27	95	95	< 0.01	516	910	8	6	5	151	0.05	< 10	10	1985	< 10	6030
L10600E 9050N	201	202	0.76	685	145	< 0.01	972	2470	18	10	9	264	0.08	< 10	30	3940	< 10	9670
L10600E 9075N	201	202	0.24	135	100	< 0.01	589	1420	10	10	6	286	0.06	< 10	10	3420	< 10	9220
L10600E 9100N	201	202	0.64	385	166	< 0.01	848	3530	22	16	11	407	0.13	10	10	6340	< 10	>10000
L10800E 8400N	201	202	0.38	75	146	< 0.01	59	2050	22	12	5	235	0.01	< 10	< 10	866	< 10	222
L10800E 8425N	201	202	0.44	200	86	< 0.01	206	1370	12	6	4	149	0.01	< 10	< 10	765	< 10	778
L10800E 8450N	201	202	0.59	135	58	< 0.01	322	900	6	6	4	81	< 0.01	< 10	< 10	650	< 10	1650
L10800E 8475N	201	202	0.52	105	67	< 0.01	324	3510	10	8	4	337	0.02	< 10	< 10	1265	< 10	1985
L10800E 8500N	201	202	0.77	65	115	< 0.01	339	2260	14	6	5	162	0.01	< 10	< 10	1070	< 10	964
L10800E 8525N	201	202	0.04	20	24	< 0.01	46	1550	12	2	1	166	0.01	< 10	< 10	284	< 10	236
L10800E 8550N	201	202	0.02	25	26	< 0.01	37	1940	12	2	< 1	145	< 0.01	< 10	< 10	317	< 10	180
L10800E 8575N	201	202	0.06	30	26	< 0.01	40	3060	12	4	3	233	< 0.01	< 10	< 10	512	< 10	254
L10800E 8625N	201	202	0.28	25	89	< 0.01	44	1850	20	8	1	162	< 0.01	< 10	< 10	534	< 10	102
L10800E 8650N	201	202	0.10	5	10	< 0.01	56	1070	6	6	1	95	0.01	< 10	< 10	274	< 10	178
L10800E 8675N	201	202	0.23	160	30	< 0.01	76	1630	8	2	1	130	0.03	< 10	< 10	502	< 10	382
L10800E 8700N	201	202	0.25	70	16	< 0.01	56	1370	6	< 2	1	95	0.03	< 10	< 10	335	< 10	270
L10800E 8725N	201	202	0.37	85	17	< 0.01	42	1350	6	2	3	91	0.04	< 10	< 10	331	< 10	232
L10800E 8750N	201	202	0.25	50	16	< 0.01	45	1170	8	2	1	91	0.03	< 10	< 10	339	< 10	272
L10800E 8775N	201	202	0.39	95	4	< 0.01	80	1220	10	< 2	4	102	0.05	< 10	< 10	331	< 10	1045
L10800E 8800N	201	202	0.37	90	5	< 0.01	30	980	8	< 2	4	71	0.06	< 10	< 10	224	< 10	286
L10800E 8825N	201	202	0.24	215	16	< 0.01	32	980	8	< 2	3	85	0.03	< 10	< 10	515	< 10	276
L10800E 8850N	201	202	0.26	55	17	< 0.01	55	1410	12	< 2	3	123	0.03	< 10	< 10	419	< 10	464
L10800E 8875N	201	202	0.46	360	37	< 0.01	160	1130	14	4	5	113	0.06	< 10	< 10	540	< 10	792
L10800E 8900N	201	202	0.07	80	50	< 0.01	93	1840	16	2	3	184	< 0.01	< 10	< 10	789	< 10	508
L10800E 8925N	201	202	0.22	600	31	< 0.01	240	2250	10	6	3	209	< 0.01	< 10	< 10	763	< 10	1465
L10800E 8950N	201	202	0.31	65	21	< 0.01	104	1310	14	4	4	123	0.04	< 10	< 10	623	< 10	582
L10800E 8975N	201	202	0.07	15	7	< 0.01	21	1140	8	2	< 1	125	0.01	< 10	< 10	283	< 10	88
L10800E 9000N	201	202	0.22	265	38	< 0.01	128	3380	8	6	1	260	< 0.01	< 10	< 10	725	< 10	922

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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To EQUITY ENGINEERING LTD

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

Project BLK 96-04
Comments ATTN D A CAUFIELD

Page Number :3-A
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Account :EIA

CERTIFICATE OF ANALYSIS A9624098

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
BL8600N 9000E	201	202	< 4	< 10	< 4	0.6	0.93	40	620	< 0.5	< 2	0.61	2.0	11	30	53	3.21	< 10	< 1	0.12	10
BL8600N 9050E	201	202	< 4	< 10	< 4	1.0	0.85	8	540	< 0.5	< 2	0.11	1.5	3	21	25	1.69	< 10	< 1	0.11	10
BL8600N 9100E	201	202	< 4	< 10	< 4	0.6	0.66	12	500	< 0.5	< 2	0.04	1.0	3	23	25	1.75	< 10	< 1	0.10	< 10
BL8600N 9150E	201	202	not/ss	not/ss	not/ss	0.6	0.74	10	930	< 0.5	< 2	0.08	4.0	3	24	31	1.58	< 10	< 1	0.12	< 10
BL8600N 9200E	201	202	< 4	< 10	4	1.0	1.81	52	180	0.5	2	0.06	2.0	4	48	123	4.05	10	< 1	0.32	< 10
BL8600N 9250E	201	202	< 4	< 10	< 4	1.0	0.79	46	140	< 0.5	< 2	0.01	1.5	2	36	72	3.78	< 10	< 1	0.37	10
BL8600N 9300E	201	202	< 4	< 10	< 4	0.2	1.46	24	560	< 0.5	< 2	0.07	0.5	5	34	46	2.73	10	< 1	0.10	10
BL8600N 9350E	201	202	< 4	< 10	< 4	0.4	0.82	20	740	0.5	< 2	0.06	3.0	3	48	66	1.51	< 10	< 1	0.10	10
BL8600N 9400E	201	202	< 4	< 10	< 4	1.2	0.56	22	780	< 0.5	< 2	2.14	4.5	1	41	47	0.93	< 10	< 1	0.07	< 10
BL8600N 9450E	201	202	< 4	< 10	< 4	1.2	2.08	56	2210	1.0	< 2	0.10	5.0	27	54	47	2.66	< 10	< 1	0.07	10
BL8600N 9500E	201	202	< 4	< 10	4	1.2	0.39	10	960	< 0.5	< 2	< 0.01	0.5	< 1	15	21	0.58	< 10	1	0.12	10
BL8600N 9550E	201	202	< 4	< 10	< 4	1.0	0.90	22	580	< 0.5	< 2	0.14	1.5	3	48	57	2.34	< 10	< 1	0.11	10
BL8600N 9600E	201	202	< 4	< 10	< 4	1.0	0.87	26	300	< 0.5	< 2	0.04	0.5	2	33	41	2.76	< 10	< 1	0.21	20
BL8600N 9650E	201	202	< 4	< 10	< 4	0.8	1.30	34	460	0.5	< 2	0.03	1.0	5	44	63	3.52	< 10	< 1	0.19	20
BL8600N 9700E	201	202	< 4	< 10	< 4	0.6	0.86	22	1090	< 0.5	< 2	0.04	0.5	3	34	40	2.16	< 10	< 1	0.11	10
BL8600N 9750E	201	202	< 4	< 10	< 4	0.8	0.78	20	500	< 0.5	< 2	0.07	0.5	3	27	38	2.43	< 10	< 1	0.15	10
BL8600N 9800E	201	202	< 4	< 10	< 4	0.6	0.88	16	760	< 0.5	< 2	0.03	1.0	3	23	35	2.05	< 10	< 1	0.07	< 10
BL8600N 9850E	201	202	< 4	< 10	< 4	0.2	0.57	14	810	< 0.5	< 2	0.15	0.5	2	20	28	1.32	< 10	< 1	0.05	< 10
BL8600N 9900E	201	202	4	< 10	8	2.2	0.42	30	130	0.5	< 2	0.44	7.0	2	63	76	3.77	< 10	1	0.40	< 10
BL8600N 9950E	201	202	< 4	< 10	< 4	0.8	0.68	18	470	0.5	< 2	0.34	11.0	4	27	80	1.82	< 10	< 1	0.09	< 10
BL8600N 10000E	201	202	< 4	< 10	4	1.4	0.71	24	690	0.5	< 2	0.29	11.5	2	66	90	1.26	< 10	< 1	0.12	10
BL8600N 10050E	201	202	< 4	< 10	< 4	1.2	0.73	26	350	0.5	< 2	0.75	16.5	7	36	79	2.34	< 10	< 1	0.12	10
BL8600N 10100E	201	202	< 12	< 30	< 12	1.4	2.88	66	200	1.5	< 2	0.04	11.5	4	49	797	4.74	10	1	0.25	10
BL8600N 10150E	201	202	not/ss	not/ss	not/ss	2.2	0.74	8	1230	< 0.5	< 2	0.17	2.0	1	32	53	0.83	< 10	< 1	0.07	< 10
BL8600N 10200E	201	202	< 4	< 10	< 4	1.8	0.64	20	1240	0.5	< 2	0.18	3.0	1	84	74	1.42	< 10	< 1	0.10	10
BL8600N 10250E	201	202	< 4	< 10	4	1.6	0.40	24	790	< 0.5	< 2	0.10	1.5	< 1	67	67	0.93	< 10	< 1	0.11	10
BL8600N 10300E	201	202	< 4	< 10	8	2.8	0.40	14	710	0.5	< 2	0.06	5.5	< 1	104	102	0.96	< 10	< 1	0.16	10
BL8600N 10350E	201	202	< 4	< 10	8	3.0	0.97	44	220	0.5	< 2	0.45	11.5	1	92	126	2.24	< 10	< 1	0.21	10
BL8600N 10400E	201	202	4	< 10	8	2.8	0.74	40	160	0.5	< 2	0.12	3.0	1	84	114	2.77	< 10	< 1	0.24	10
BL8600N 10450E	201	202	< 4	< 10	4	1.0	0.69	36	540	< 0.5	< 2	0.05	1.5	1	38	40	2.21	< 10	< 1	0.11	10
BL8600N 10500E	201	202	4	< 10	4	1.2	0.25	26	510	< 0.5	< 2	0.05	1.0	1	22	31	1.84	< 10	< 1	0.16	10
BL8600N 10550E	201	202	not/ss	not/ss	not/ss	0.8	0.84	32	1260	0.5	< 2	0.93	7.5	4	31	58	1.73	< 10	< 1	0.10	< 10
BL8600N 10600E	201	202	< 6	< 15	< 6	0.8	1.11	54	690	0.5	< 2	0.29	6.5	5	39	84	2.97	< 10	< 1	0.22	10
BL8600N 10650E	201	202	4	< 10	12	2.0	1.28	54	410	0.5	< 2	1.14	21.5	6	70	134	2.96	< 10	< 1	0.22	10
BL8600N 10700E	201	202	24	< 10	24	4.2	2.13	98	70	1.0	< 2	0.23	28.0	5	98	244	8.08	< 10	< 1	0.74	< 10
BL8600N 10750E	201	202	< 4	< 10	< 4	1.0	0.80	36	230	< 0.5	< 2	0.07	5.0	1	42	118	2.62	< 10	< 1	0.23	< 10
BL8600N 10800E	201	202	not/ss	not/ss	not/ss	1.2	0.58	18	1510	< 0.5	< 2	0.38	3.0	1	39	35	1.52	< 10	< 1	0.06	10
3877	201	202	< 4	< 10	< 4	< 0.2	2.82	< 2	1610	0.5	< 2	1.06	5.0	53	147	143	10.80	10	< 1	0.14	10

CERTIFICATION Fred Bechler

Chemex Labs Ltd.

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To EQUITY ENGINEERING LTD

207 - 675 W HASTINGS ST
VANCOUVER, BC
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Project : BLK 96-04
Comments: ATTN D.A CAUFIELD

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Total Pages :3
Certificate Date 22-JUL-96
Invoice No I9624098
P O. Number .
Account EIA

CERTIFICATE OF ANALYSIS A9624098

SAMPLE	PREP CODE		Mg %	Mn ppm	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
BL8600N 9000E	201	202	0.38	315	83	< 0.01	188	1220	12	6	2	152	< 0.01	< 10	< 10	608	< 10	694
BL8600N 9050E	201	202	0.18	100	40	< 0.01	59	1230	12	2	< 1	31	0.01	< 10	< 10	453	< 10	262
BL8600N 9100E	201	202	0.12	60	31	< 0.01	39	1170	10	< 2	< 1	43	0.01	< 10	< 10	313	< 10	150
BL8600N 9150E	201	202	0.14	40	29	< 0.01	40	1190	8	< 2	< 1	40	0.01	< 10	< 10	313	< 10	166
BL8600N 9200E	201	202	1.08	85	162	< 0.01	155	1260	30	4	6	241	0.02	< 10	10	1100	< 10	280
BL8600N 9250E	201	202	0.23	55	133	< 0.01	49	930	30	4	3	181	< 0.01	< 10	< 10	881	< 10	188
BL8600N 9300E	201	202	0.52	135	62	< 0.01	38	600	12	4	3	75	0.04	< 10	< 10	522	< 10	140
BL8600N 9350E	201	202	0.09	105	58	< 0.01	53	1040	12	2	1	130	0.03	< 10	< 10	526	< 10	164
BL8600N 9400E	201	202	0.10	35	22	< 0.01	50	1770	2	6	1	207	0.03	< 10	< 10	372	< 10	332
BL8600N 9450E	201	202	0.14	700	54	< 0.01	123	800	10	2	5	70	0.06	< 10	< 10	789	< 10	458
BL8600N 9500E	201	202	0.01	< 5	41	< 0.01	8	160	16	2	< 1	26	< 0.01	< 10	< 10	356	< 10	16
BL8600N 9550E	201	202	0.22	85	41	< 0.01	32	1170	8	2	1	123	0.03	< 10	< 10	461	< 10	138
BL8600N 9600E	201	202	0.10	45	89	< 0.01	33	1180	16	4	< 1	134	0.01	< 10	< 10	636	< 10	158
BL8600N 9650E	201	202	0.19	70	118	< 0.01	103	1410	20	6	2	179	0.02	< 10	< 10	855	< 10	384
BL8600N 9700E	201	202	0.06	45	56	< 0.01	27	1760	14	2	< 1	127	< 0.01	< 10	< 10	412	< 10	110
BL8600N 9750E	201	202	0.08	80	68	< 0.01	29	1110	14	2	< 1	97	0.03	< 10	< 10	491	< 10	116
BL8600N 9800E	201	202	0.16	75	47	< 0.01	47	740	10	2	1	63	0.01	< 10	< 10	353	< 10	156
BL8600N 9850E	201	202	0.20	45	33	< 0.01	32	580	10	2	< 1	81	0.01	< 10	< 10	207	< 10	106
BL8600N 9900E	201	202	0.17	200	24	< 0.01	52	2210	14	2	4	217	< 0.01	< 10	< 10	524	< 10	566
BL8600N 9950E	201	202	0.07	75	54	< 0.01	109	1550	14	6	2	82	0.01	< 10	< 10	444	< 10	564
BL8600N 10000E	201	202	0.15	25	44	< 0.01	90	1570	12	4	3	188	0.01	< 10	< 10	768	< 10	458
BL8600N 10050E	201	202	0.14	375	70	< 0.01	159	1320	10	6	4	133	0.01	< 10	< 10	557	< 10	994
BL8600N 10100E	201	202	0.12	50	203	< 0.01	258	1230	168	10	6	55	0.07	< 10	20	5320	< 10	768
BL8600N 10150E	201	202	0.06	15	27	< 0.01	31	1620	10	4	< 1	58	< 0.01	< 10	< 10	377	< 10	94
BL8600N 10200E	201	202	0.06	25	31	< 0.01	59	2120	14	6	< 1	110	< 0.01	< 10	< 10	540	< 10	284
BL8600N 10250E	201	202	0.03	< 5	18	< 0.01	18	1480	12	2	< 1	160	< 0.01	< 10	< 10	337	< 10	64
BL8600N 10300E	201	202	0.04	5	41	< 0.01	22	1450	14	2	3	277	0.05	< 10	< 10	680	< 10	76
BL8600N 10350E	201	202	0.13	60	31	< 0.01	67	3800	14	4	2	432	< 0.01	< 10	< 10	498	< 10	308
BL8600N 10400E	201	202	0.05	20	32	< 0.01	51	2310	12	4	1	193	0.01	< 10	< 10	639	< 10	166
BL8600N 10450E	201	202	0.05	5	50	< 0.01	47	1990	16	6	1	214	< 0.01	< 10	< 10	349	< 10	170
BL8600N 10500E	201	202	0.01	5	38	< 0.01	17	1540	14	4	< 1	199	< 0.01	< 10	< 10	201	< 10	76
BL8600N 10550E	201	202	0.29	65	58	0.01	138	1540	10	10	2	181	0.01	< 10	< 10	533	< 10	488
BL8600N 10600E	201	202	0.44	110	82	< 0.01	142	1610	14	6	3	141	0.01	< 10	< 10	530	< 10	486
BL8600N 10650E	201	202	0.33	90	51	< 0.01	287	2770	16	8	4	234	0.01	< 10	< 10	690	< 10	1325
BL8600N 10700E	201	202	0.05	60	59	0.01	120	5240	24	14	9	513	< 0.01	< 10	< 10	412	< 10	914
BL8600N 10750E	201	202	0.02	15	24	0.01	30	3130	14	4	< 1	106	< 0.01	< 10	< 10	250	< 10	170
BL8600N 10800E	201	202	0.09	15	13	< 0.01	22	1320	10	2	< 1	111	< 0.01	< 10	< 10	237	< 10	152
3877	201	202	1.48	1470	4	< 0.01	133	1510	< 2	< 2	44	82	< 0.01	< 10	< 10	173	< 10	342

CERTIFICATION Ian Bucklen

Chemex Labs Ltd.

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SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
L10300E 8625N	201	202	4	< 10	8	2.2	0.82	32	470	0.5	< 2	0.12	5.0	< 1	80	98	2.14	< 10	1	0.19	10
L10300E 8650N	201	202	4	< 10	8	2.0	0.64	32	430	0.5	< 2	0.10	2.0	< 1	85	110	1.30	< 10	< 1	0.17	10
L10300E 8675N	201	202	< 4	< 10	< 2	2.2	1.08	36	470	1.0	< 2	1.01	4.0	7	87	85	2.11	< 10	1	0.20	10
L10300E 8700N	201	202	< 4	< 10	< 2	1.6	0.72	14	670	< 0.5	< 2	2.35	8.0	5	42	89	1.39	< 10	< 1	0.08	< 10
L10300E 8725N	201	202	< 4	< 10	< 2	1.2	0.36	30	260	< 0.5	< 2	0.21	4.0	< 1	32	59	1.60	< 10	< 1	0.18	10
L10300E 8750N	201	202	< 4	< 10	< 2	2.0	1.30	42	490	1.0	< 2	2.07	27.0	10	75	145	1.72	< 10	1	0.17	10
L10300E 8775N	201	202	< 4	< 10	4	4.6	0.77	78	2020	1.0	< 2	5.40	63.0	6	161	196	1.16	< 10	3	0.17	20
L10300E 8800N	201	202	< 4	< 10	4	4.2	1.13	54	2220	1.5	< 2	1.14	56.5	7	145	166	1.62	< 10	3	0.17	30
L10300E 8825N	201	202	< 4	< 10	4	1.2	1.09	38	790	0.5	< 2	0.70	30.0	4	70	115	1.60	< 10	< 1	0.18	10
L10300E 8850N	201	202	< 4	< 10	4	4.4	0.97	50	1380	1.5	< 2	2.56	63.0	8	118	186	1.49	< 10	1	0.13	10
L10300E 8875N	201	202	< 4	< 10	12	5.0	1.09	78	1560	1.5	< 2	2.64	85.0	10	160	315	1.83	< 10	4	0.15	20
L10300E 8900N	201	202	< 4	< 10	20	8.0	1.19	118	2270	1.5	< 2	6.56	>100.0	10	244	319	2.01	10	5	0.24	30
L10400E 8500N	201	202	< 4	< 10	8	2.2	1.93	72	360	1.0	< 2	0.68	25.5	8	66	191	3.39	< 10	1	0.27	10
L10400E 8525N	201	202	< 4	< 10	8	1.6	1.35	58	360	0.5	< 2	0.91	34.0	8	75	143	2.76	< 10	1	0.25	10
L10400E 8550N	201	202	< 4	< 10	12	4.2	1.35	52	960	1.5	< 2	2.09	72.5	9	147	196	2.10	< 10	3	0.23	20
L10400E 8575N	201	202	< 4	< 10	4	2.0	0.95	48	350	0.5	< 2	0.12	4.5	< 1	102	127	2.83	< 10	1	0.19	10
L10400E 8625N	201	202	8	< 10	12	2.6	0.68	48	260	0.5	< 2	0.16	3.0	< 1	100	99	2.70	< 10	< 1	0.21	10
L10400E 8650N	201	202	4	< 10	8	2.2	0.44	22	320	0.5	< 2	0.07	3.0	< 1	69	88	1.74	< 10	< 1	0.17	10
L10400E 8675N	201	202	< 4	< 10	4	2.0	0.80	42	340	0.5	< 2	0.30	5.0	3	69	111	2.72	< 10	< 1	0.19	< 10
L10400E 8700N	201	202	< 4	< 10	< 4	1.6	0.38	< 2	730	< 0.5	< 2	0.34	2.5	< 1	41	41	0.91	< 10	< 1	0.06	< 10
L10400E 8725N	201	202	< 4	< 10	4	1.6	1.42	46	120	0.5	< 2	1.38	9.5	3	74	102	3.64	< 10	< 1	0.22	< 10
L10400E 8750N	201	202	< 4	< 10	< 4	0.8	0.85	38	1060	1.0	< 2	0.90	23.0	16	60	142	1.35	< 10	< 1	0.12	10
L10400E 8775N	201	202	< 4	< 10	16	13.4	1.55	144	1720	1.5	< 2	1.74	>100.0	11	226	402	1.93	10	5	0.24	30
L10400E 8800N	201	202	< 4	< 10	12	6.8	1.08	98	1610	0.5	< 2	1.38	>100.0	10	143	281	1.88	< 10	4	0.15	20
L10400E 8825N	201	202	< 4	< 10	36	15.2	1.55	140	2330	2.0	< 2	2.60	>100.0	20	284	500	2.27	10	6	0.30	40
L10400E 8850N	201	202	< 4	< 10	12	8.0	1.29	148	1840	2.0	< 2	1.37	84.0	13	220	310	2.39	10	4	0.20	30
L10400E 8875N	201	202	< 4	< 10	8	7.8	1.29	88	1520	1.5	< 2	1.54	59.5	7	163	212	1.90	< 10	3	0.14	20
L10400E 8900N	201	202	< 4	< 10	16	7.2	1.05	102	1520	1.5	< 2	3.55	90.5	10	178	254	1.99	< 10	3	0.17	20
L10400E 8925N	201	202	< 4	< 10	8	6.0	1.15	64	1390	1.5	< 2	2.13	89.0	10	135	213	2.07	< 10	3	0.14	20
L10400E 8950N	201	202	< 4	< 10	16	7.4	1.09	130	2040	1.5	< 2	8.27	99.5	11	227	287	1.94	10	5	0.24	30
L10400E 8975N	201	202	< 4	< 10	28	12.2	1.48	112	1660	2.0	< 2	4.24	>100.0	26	238	354	2.50	10	5	0.29	30
L10400E 9000N	201	202	< 4	< 10	12	6.6	0.86	92	1690	1.5	< 2	8.17	>100.0	7	177	228	1.31	< 10	4	0.18	10
L10600E 8500N	201	202	< 4	< 10	8	1.0	1.54	64	180	0.5	< 2	0.06	2.5	1	43	124	3.75	< 10	< 1	0.36	10
L10600E 8525N	201	202	< 4	< 10	8	0.8	1.45	62	240	0.5	< 2	0.03	2.0	< 1	39	121	3.63	< 10	< 1	0.33	10
L10600E 8550N	201	202	< 4	< 10	8	1.4	2.17	60	650	1.0	< 2	0.41	39.0	9	59	156	3.38	< 10	1	0.25	20
L10600E 8575N	201	202	< 4	< 10	4	1.6	0.71	36	520	0.5	< 2	0.34	24.5	4	37	68	1.86	< 10	< 1	0.15	10
L10600E 8625N	201	202	< 4	< 10	< 4	0.6	1.06	36	810	< 0.5	< 2	0.16	4.0	4	33	71	2.59	< 10	< 1	0.21	10
L10600E 8650N	201	202	< 4	< 10	< 4	0.2	1.01	26	1110	< 0.5	< 2	0.21	2.5	5	35	50	2.35	< 10	< 1	0.15	10
L10600E 8675N	201	202	< 4	< 10	< 4	0.4	1.03	22	1100	< 0.5	< 2	0.22	2.0	5	34	45	2.37	< 10	< 1	0.13	10
L10600E 8700N	201	202	< 4	< 10	4	1.4	0.95	28	960	0.5	< 2	0.20	2.5	2	62	87	1.71	< 10	< 1	0.14	10

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 : BLK 96-04
Comments: ATTN D.A CAUFIELD

Page Number :1-B
Total Pages :3
Certificate Date: 22-JUL-96
Invoice No :I9624098
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Account :EIA

CERTIFICATE OF ANALYSIS A9624098

SAMPLE	PREP CODE		Mg %	Mn ppm	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
L10300E 8625N	201	202	0.11	15	36	< 0.01	78	2210	20	8	2	218	0.01	< 10	< 10	695	< 10	286
L10300E 8650N	201	202	0.06	5	49	< 0.01	21	2930	16	8	3	125	< 0.01	< 10	10	633	< 10	60
L10300E 8675N	201	202	0.28	230	53	< 0.01	227	3200	14	8	5	362	0.04	< 10	10	1060	< 10	1220
L10300E 8700N	201	202	0.30	115	22	0.01	120	2250	6	6	2	326	0.01	< 10	< 10	491	< 10	700
L10300E 8725N	201	202	0.11	25	62	< 0.01	69	410	8	2	2	78	0.01	< 10	10	900	< 10	416
L10300E 8750N	201	202	1.97	200	75	< 0.01	546	1250	8	8	6	228	0.05	10	< 10	2030	< 10	2880
L10300E 8775N	201	202	0.52	110	94	< 0.01	437	1600	12	12	7	723	0.13	< 10	10	4590	< 10	5410
L10300E 8800N	201	202	0.69	175	70	< 0.01	460	1780	12	10	7	182	0.09	< 10	10	3930	< 10	5300
L10300E 8825N	201	202	0.31	100	61	< 0.01	230	1850	12	8	5	230	0.03	< 10	< 10	1545	< 10	2260
L10300E 8850N	201	202	0.76	115	86	< 0.01	599	1890	10	12	6	284	0.06	< 10	20	3040	< 10	5000
L10300E 8875N	201	202	1.00	180	93	< 0.01	789	1870	16	12	9	331	0.13	10	10	4070	< 10	7000
L10300E 8900N	201	202	0.78	175	196	< 0.01	833	4830	20	24	11	716	0.15	20	10	7170	10	9410
L10400E 8500N	201	202	0.82	145	126	< 0.01	407	2260	16	14	8	197	0.02	10	10	1645	< 10	1820
L10400E 8525N	201	202	0.64	150	94	< 0.01	309	2760	16	12	6	245	0.03	< 10	10	1310	< 10	1715
L10400E 8550N	201	202	0.98	155	77	< 0.01	444	3330	16	14	8	352	0.07	10	< 10	3030	< 10	3960
L10400E 8575N	201	202	0.06	15	85	< 0.01	90	2220	18	8	3	295	0.13	< 10	10	1340	< 10	368
L10400E 8625N	201	202	0.06	50	26	< 0.01	28	4090	14	4	5	233	0.01	< 10	10	539	< 10	138
L10400E 8650N	201	202	0.05	10	28	< 0.01	20	1640	12	2	< 1	128	< 0.01	< 10	< 10	550	< 10	76
L10400E 8675N	201	202	0.13	75	37	< 0.01	74	3530	12	6	4	202	< 0.01	< 10	< 10	551	< 10	298
L10400E 8700N	201	202	0.03	10	10	< 0.01	21	1890	4	6	< 1	50	< 0.01	< 10	< 10	191	< 10	72
L10400E 8725N	201	202	0.25	115	69	< 0.01	144	5550	14	8	6	381	0.01	< 10	10	959	< 10	788
L10400E 8750N	201	202	0.61	300	81	< 0.01	712	920	8	6	4	129	0.02	< 10	10	1570	< 10	3830
L10400E 8775N	201	202	0.81	300	164	< 0.01	703	3780	24	16	11	389	0.12	30	10	5750	10	>10000
L10400E 8800N	201	202	0.49	200	88	< 0.01	656	3210	18	22	8	280	0.10	< 10	10	3580	30	>10000
L10400E 8825N	201	202	0.51	455	231	< 0.01	943	2820	26	14	12	402	0.18	10	20	8200	10	>10000
L10400E 8850N	201	202	1.15	245	198	< 0.01	877	2870	20	16	13	285	0.13	10	10	6120	< 10	8380
L10400E 8875N	201	202	0.98	195	117	< 0.01	627	1890	14	12	8	237	0.06	10	30	4040	< 10	6790
L10400E 8900N	201	202	0.65	215	130	< 0.01	698	3820	16	22	9	536	0.13	10	10	4970	< 10	7890
L10400E 8925N	201	202	0.69	210	115	< 0.01	714	1560	10	10	9	299	0.11	10	< 10	3420	< 10	7470
L10400E 8950N	201	202	0.63	210	187	< 0.01	668	5500	20	24	9	919	0.14	10	< 10	6870	< 10	8170
L10400E 8975N	201	202	1.46	645	187	< 0.01	1010	4840	22	24	13	593	0.16	10	10	7080	30	>10000
L10400E 9000N	201	202	1.09	135	113	< 0.01	639	3550	16	14	7	902	0.11	20	< 10	5300	< 10	7880
L10600E 8500N	201	202	0.65	60	173	< 0.01	72	1650	22	14	5	168	0.01	< 10	10	896	< 10	258
L10600E 8525N	201	202	0.60	55	169	< 0.01	68	1520	22	14	5	164	0.01	10	< 10	814	< 10	202
L10600E 8550N	201	202	0.55	180	139	< 0.01	463	2120	20	14	7	197	0.03	< 10	20	1420	< 10	1750
L10600E 8575N	201	202	0.11	65	49	< 0.01	172	1530	12	6	< 1	213	< 0.01	< 10	< 10	644	< 10	1155
L10600E 8625N	201	202	0.41	180	69	< 0.01	71	1250	12	8	3	113	0.02	< 10	< 10	512	< 10	266
L10600E 8650N	201	202	0.34	170	40	< 0.01	53	1280	10	6	3	94	0.04	< 10	< 10	412	< 10	200
L10600E 8675N	201	202	0.35	200	33	< 0.01	45	1310	8	6	2	77	0.04	< 10	< 10	370	< 10	174
L10600E 8700N	201	202	0.27	80	32	< 0.01	64	2040	12	4	1	307	0.01	< 10	< 10	625	< 10	280

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9624098

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
L10600E 8725N	201	202	< 4	< 10	< 4	1.0	1.11	16	1670	0.5	2	0.36	5.0	6	52	66	2.00	< 10	< 1	0.07	10
L10600E 8750N	201	202	< 4	< 10	< 4	2.6	0.81	44	480	1.0	< 2	1.95	31.5	8	63	108	3.49	< 10	< 1	0.12	10
L10600E 8775N	201	202	< 4	< 10	8	2.2	1.02	34	310	0.5	< 2	1.24	23.5	10	61	144	2.50	< 10	< 1	0.13	10
L10600E 8800N	201	202	< 4	< 10	< 4	1.8	0.78	30	260	0.5	< 2	0.34	5.0	3	62	65	2.47	< 10	< 1	0.18	10
L10600E 8825N	201	202	< 4	< 10	12	3.0	0.21	40	460	< 0.5	< 2	< 0.01	0.5	< 1	52	36	1.77	< 10	< 1	0.22	< 10
L10600E 8850N	201	202	< 4	< 10	4	2.2	2.10	52	2680	1.5	< 2	3.06	47.5	20	111	211	4.14	< 10	1	0.10	10
L10600E 8875N	201	202	< 4	< 10	12	5.2	2.61	176	140	1.0	< 2	0.81	16.5	8	193	199	8.96	< 10	1	0.30	10
L10600E 8900N	201	202	< 4	< 10	8	2.6	0.54	36	430	0.5	< 2	0.63	6.0	< 1	105	54	2.48	< 10	< 1	0.15	10
L10600E 8925N	201	202	< 4	< 10	4	1.6	0.96	18	1510	0.5	< 2	1.21	7.0	6	63	76	1.26	< 10	< 1	0.11	10
L10600E 8950N	201	202	< 4	< 10	< 4	1.2	0.67	30	1800	1.0	< 2	0.72	5.5	7	81	58	1.57	< 10	< 1	0.14	20
L10600E 8975N	201	202	< 4	< 10	< 4	3.0	0.69	30	2040	1.0	< 2	1.16	31.0	4	87	87	1.40	< 10	< 1	0.08	10
L10600E 9000N	201	202	< 4	< 10	4	6.2	1.12	58	3440	1.5	< 2	0.44	73.0	13	137	178	2.19	< 10	1	0.11	20
L10600E 9025N	201	202	< 4	< 10	4	4.4	0.79	34	1740	1.0	< 2	0.96	53.0	7	90	133	1.77	< 10	< 1	0.09	10
L10600E 9050N	201	202	< 4	< 10	12	10.4	1.94	98	2850	2.0	< 2	0.86	>100.0	24	193	273	3.30	10	< 1	0.15	20
L10600E 9075N	201	202	< 4	< 10	8	9.4	0.90	84	880	1.5	< 2	2.05	>100.0	6	159	264	1.52	< 10	< 1	0.12	10
L10600E 9100N	201	202	< 4	< 10	16	12.8	1.26	142	1130	2.0	< 2	2.50	>100.0	16	250	365	2.27	10	< 1	0.23	30
L10800E 8400N	201	202	< 4	< 10	4	1.0	1.39	68	260	0.5	< 2	0.05	2.5	3	43	116	3.88	< 10	< 1	0.30	10
L10800E 8425N	201	202	< 4	< 10	< 4	0.8	1.26	38	980	0.5	< 2	0.23	8.0	10	33	105	2.74	< 10	< 1	0.23	20
L10800E 8450N	201	202	< 4	< 10	< 4	1.0	0.92	24	910	0.5	< 2	0.43	25.0	13	28	69	1.95	< 10	< 1	0.15	20
L10800E 8475N	201	202	< 4	< 10	< 4	1.4	0.98	32	820	0.5	< 2	1.70	39.0	7	51	97	1.84	< 10	< 1	0.20	10
L10800E 8500N	201	202	not/ss	not/ss	not/ss	3.2	2.28	56	310	0.5	< 2	0.17	19.0	7	50	211	3.33	< 10	< 1	0.25	20
L10800E 8525N	201	202	< 4	< 10	< 4	1.4	0.35	26	160	< 0.5	< 2	0.74	11.0	1	26	54	2.03	< 10	< 1	0.19	< 10
L10800E 8550N	201	202	< 4	< 10	< 4	1.2	0.41	28	190	< 0.5	< 2	0.11	5.0	1	31	37	2.26	< 10	< 1	0.19	10
L10800E 8575N	201	202	< 4	< 10	8	3.0	0.53	34	500	0.5	< 2	0.37	4.5	1	83	103	1.34	< 10	< 1	0.16	10
L10800E 8625N	201	202	< 4	< 10	8	0.8	1.14	48	550	0.5	< 2	0.25	3.5	1	35	118	2.41	< 10	< 1	0.20	10
L10800E 8650N	201	202	< 4	< 10	< 4	1.4	0.58	< 2	1920	< 0.5	< 2	0.88	5.5	< 1	35	50	0.69	< 10	< 1	0.05	10
L10800E 8675N	201	202	< 4	< 10	< 4	0.8	0.93	22	1280	0.5	< 2	0.36	5.0	5	45	48	1.89	< 10	< 1	0.13	10
L10800E 8700N	201	202	< 4	< 10	< 4	1.0	1.04	12	1660	< 0.5	< 2	0.37	5.5	3	40	43	1.72	< 10	< 1	0.07	10
L10800E 8725N	201	202	< 4	< 10	< 4	1.0	1.46	12	2060	< 0.5	< 2	0.30	3.0	4	43	60	2.73	< 10	< 1	0.08	10
L10800E 8750N	201	202	< 4	< 10	< 4	0.8	1.34	8	1760	< 0.5	2	0.24	5.0	3	44	44	1.44	< 10	< 1	0.07	10
L10800E 8775N	201	202	< 4	< 10	< 4	0.6	1.74	6	1000	0.5	< 2	0.72	8.0	6	50	43	1.20	< 10	< 1	0.08	10
L10800E 8800N	201	202	< 4	< 10	< 4	0.2	1.60	< 2	2630	< 0.5	< 2	0.52	2.5	4	41	28	1.22	< 10	< 1	0.07	10
L10800E 8825N	201	202	< 4	< 10	< 4	0.6	1.45	10	3210	< 0.5	2	0.31	1.5	5	44	17	2.46	< 10	< 1	0.06	10
L10800E 8850N	201	202	< 4	< 10	< 4	1.4	1.46	16	2550	0.5	< 2	0.27	2.5	3	48	50	2.19	< 10	< 1	0.09	10
L10800E 8875N	201	202	< 4	< 10	< 4	1.0	3.05	28	870	0.5	< 2	0.11	3.5	15	66	79	4.23	< 10	< 1	0.18	10
L10800E 8900N	201	202	< 4	< 10	4	2.8	0.62	26	110	0.5	< 2	0.41	8.5	3	59	97	3.37	< 10	< 1	0.39	10
L10800E 8925N	201	202	< 4	< 10	4	2.8	0.88	32	300	0.5	< 2	0.52	10.5	12	71	89	3.11	< 10	< 1	0.18	10
L10800E 8950N	201	202	< 4	< 10	< 4	1.4	1.21	16	1790	0.5	< 2	0.78	8.5	4	56	64	1.35	< 10	< 1	0.08	10
L10800E 8975N	201	202	< 4	< 10	< 4	1.4	0.47	6	1650	< 0.5	< 2	0.49	3.0	< 1	41	35	0.78	< 10	< 1	0.05	10
L10800E 9000N	201	202	< 4	< 10	4	3.2	0.94	26	360	0.5	< 2	0.81	7.5	6	75	99	2.02	< 10	< 1	0.13	10

CERTIFICATION: Ian Buchler

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L10600E 8725N	201	202	0.43	240	37	< 0.01	124	1500	12	< 2	4	154	0.03	< 10	< 10	363	< 10	408
L10600E 8750N	201	202	0.63	660	89	< 0.01	292	2540	14	10	6	219	< 0.01	< 10	< 10	655	< 10	1640
L10600E 8775N	201	202	0.20	535	41	< 0.01	235	2260	22	6	4	141	< 0.01	< 10	< 10	521	< 10	1695
L10600E 8800N	201	202	0.11	75	39	< 0.01	89	2610	18	4	1	138	< 0.01	< 10	< 10	527	< 10	444
L10600E 8825N	201	202	0.01	< 5	8	< 0.01	8	3580	16	6	3	248	< 0.01	< 10	< 10	188	< 10	20
L10600E 8850N	201	202	0.44	745	53	< 0.01	615	6010	16	8	8	412	0.04	< 10	10	994	< 10	4470
L10600E 8875N	201	202	0.10	295	70	< 0.01	286	>10000	14	14	12	653	0.01	< 10	20	1470	< 10	1435
L10600E 8900N	201	202	0.07	30	37	< 0.01	37	6310	8	2	5	286	0.03	< 10	< 10	741	< 10	210
L10600E 8925N	201	202	0.43	150	43	< 0.01	271	1660	6	< 2	4	208	0.04	< 10	< 10	1330	< 10	838
L10600E 8950N	201	202	0.34	80	84	< 0.01	310	920	8	2	5	162	0.07	< 10	< 10	2100	< 10	806
L10600E 8975N	201	202	0.17	50	54	< 0.01	363	740	8	6	4	175	0.05	< 10	10	1930	< 10	3980
L10600E 9000N	201	202	0.62	470	104	< 0.01	522	1310	10	6	6	121	0.07	< 10	10	2970	< 10	5790
L10600E 9025N	201	202	0.27	95	95	< 0.01	516	910	8	6	5	151	0.05	< 10	10	1985	< 10	6030
L10600E 9050N	201	202	0.76	685	145	< 0.01	972	2470	18	10	9	264	0.08	< 10	30	3940	< 10	9670
L10600E 9075N	201	202	0.24	135	100	< 0.01	589	1420	10	10	6	286	0.06	< 10	10	3420	< 10	9220
L10600E 9100N	201	202	0.64	385	166	< 0.01	848	3530	22	16	11	407	0.13	10	10	6340	< 10	>10000
L10800E 8400N	201	202	0.38	75	146	< 0.01	59	2050	22	12	5	235	0.01	< 10	< 10	866	< 10	222
L10800E 8425N	201	202	0.44	200	86	< 0.01	206	1370	12	6	4	149	0.01	< 10	< 10	765	< 10	778
L10800E 8450N	201	202	0.59	135	58	< 0.01	322	900	6	6	4	81	< 0.01	< 10	< 10	650	< 10	1650
L10800E 8475N	201	202	0.52	105	67	< 0.01	324	3510	10	8	4	337	0.02	< 10	< 10	1265	< 10	1985
L10800E 8500N	201	202	0.77	65	115	< 0.01	339	2260	14	6	5	162	0.01	< 10	< 10	1070	< 10	964
L10800E 8525N	201	202	0.04	20	24	< 0.01	46	1550	12	2	1	166	0.01	< 10	< 10	284	< 10	236
L10800E 8550N	201	202	0.02	25	26	< 0.01	37	1940	12	2	< 1	145	< 0.01	< 10	< 10	317	< 10	180
L10800E 8575N	201	202	0.06	30	26	< 0.01	40	3060	12	4	3	233	< 0.01	< 10	< 10	512	< 10	254
L10800E 8625N	201	202	0.28	25	89	< 0.01	44	1850	20	8	1	162	< 0.01	< 10	< 10	534	< 10	102
L10800E 8650N	201	202	0.10	5	10	< 0.01	56	1070	6	6	1	95	0.01	< 10	< 10	274	< 10	178
L10800E 8675N	201	202	0.23	160	30	< 0.01	76	1630	8	2	1	130	0.03	< 10	< 10	502	< 10	382
L10800E 8700N	201	202	0.25	70	16	< 0.01	56	1370	6	< 2	1	95	0.03	< 10	< 10	335	< 10	270
L10800E 8725N	201	202	0.37	85	17	< 0.01	42	1350	6	2	3	91	0.04	< 10	< 10	331	< 10	232
L10800E 8750N	201	202	0.25	50	16	< 0.01	45	1170	8	2	1	91	0.03	< 10	< 10	339	< 10	272
L10800E 8775N	201	202	0.39	95	4	< 0.01	80	1220	10	< 2	4	102	0.05	< 10	< 10	331	< 10	1045
L10800E 8800N	201	202	0.37	90	5	< 0.01	30	980	8	< 2	4	71	0.06	< 10	< 10	224	< 10	286
L10800E 8825N	201	202	0.24	215	16	< 0.01	32	980	8	< 2	3	85	0.03	< 10	< 10	515	< 10	276
L10800E 8850N	201	202	0.26	55	17	< 0.01	55	1410	12	< 2	3	123	0.03	< 10	< 10	419	< 10	464
L10800E 8875N	201	202	0.46	360	37	< 0.01	160	1130	14	4	5	113	0.06	< 10	< 10	540	< 10	792
L10800E 8900N	201	202	0.07	80	50	< 0.01	93	1840	16	2	3	184	< 0.01	< 10	< 10	789	< 10	508
L10800E 8925N	201	202	0.22	600	31	< 0.01	240	2250	10	6	3	209	< 0.01	< 10	< 10	763	< 10	1465
L10800E 8950N	201	202	0.31	65	21	< 0.01	104	1310	14	4	4	123	0.04	< 10	< 10	623	< 10	582
L10800E 8975N	201	202	0.07	15	7	< 0.01	21	1140	8	2	< 1	125	0.01	< 10	< 10	283	< 10	88
L10800E 9000N	201	202	0.22	265	38	< 0.01	128	3380	8	6	1	260	< 0.01	< 10	< 10	725	< 10	922

CERTIFICATION: David Buchholz

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Project . BLK.96-04
Comments ATTN:D.A. CAUFIELD

Page Number :3-A
Total Pages :3
Certificate Date: 22-JUL-96
Invoice No. :19624098
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9624098

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
BL8600N 9000E	201	202	< 4	< 10	< 4	0.6	0.93	40	620	< 0.5	< 2	0.61	2.0	11	30	53	3.21	< 10	< 1	0.12	10
BL8600N 9050E	201	202	< 4	< 10	< 4	1.0	0.85	8	540	< 0.5	< 2	0.11	1.5	3	21	25	1.69	< 10	< 1	0.11	10
BL8600N 9100E	201	202	< 4	< 10	< 4	0.6	0.66	12	500	< 0.5	< 2	0.04	1.0	3	23	25	1.75	< 10	< 1	0.10	< 10
BL8600N 9150E	201	202	not/ss	not/ss	not/ss	0.6	0.74	10	930	< 0.5	< 2	0.08	4.0	3	24	31	1.58	< 10	< 1	0.12	< 10
BL8600N 9200E	201	202	< 4	< 10	4	1.0	1.81	52	180	0.5	2	0.06	2.0	4	48	123	4.05	10	< 1	0.32	< 10
BL8600N 9250E	201	202	< 4	< 10	< 4	1.0	0.79	46	140	< 0.5	< 2	0.01	1.5	2	36	72	3.78	< 10	< 1	0.37	10
BL8600N 9300E	201	202	< 4	< 10	< 4	0.2	1.46	24	560	< 0.5	< 2	0.07	0.5	5	34	46	2.73	10	< 1	0.10	10
BL8600N 9350E	201	202	< 4	< 10	< 4	0.4	0.82	20	740	0.5	< 2	0.06	3.0	3	48	66	1.51	< 10	< 1	0.10	10
BL8600N 9400E	201	202	< 4	< 10	< 4	1.2	0.56	22	780	< 0.5	< 2	2.14	4.5	1	41	47	0.93	< 10	< 1	0.07	< 10
BL8600N 9450E	201	202	< 4	< 10	< 4	1.2	2.08	56	2210	1.0	< 2	0.10	5.0	27	54	47	2.66	< 10	< 1	0.07	10
BL8600N 9500E	201	202	< 4	< 10	4	1.2	0.39	10	960	< 0.5	< 2	< 0.01	0.5	< 1	15	21	0.58	< 10	1	0.12	10
BL8600N 9550E	201	202	< 4	< 10	< 4	1.0	0.90	22	580	< 0.5	< 2	0.14	1.5	3	48	57	2.34	< 10	< 1	0.11	10
BL8600N 9600E	201	202	< 4	< 10	< 4	1.0	0.87	26	300	< 0.5	< 2	0.04	0.5	2	33	41	2.76	< 10	< 1	0.21	20
BL8600N 9650E	201	202	< 4	< 10	< 4	0.8	1.30	34	460	0.5	< 2	0.03	1.0	5	44	63	3.52	< 10	< 1	0.19	20
BL8600N 9700E	201	202	< 4	< 10	< 4	0.6	0.86	22	1090	< 0.5	< 2	0.04	0.5	3	34	40	2.16	< 10	< 1	0.11	10
BL8600N 9750E	201	202	< 4	< 10	< 4	0.8	0.78	20	500	< 0.5	< 2	0.07	0.5	3	27	38	2.43	< 10	< 1	0.15	10
BL8600N 9800E	201	202	< 4	< 10	< 4	0.6	0.88	16	760	< 0.5	< 2	0.03	1.0	3	23	35	2.05	< 10	< 1	0.07	< 10
BL8600N 9850E	201	202	< 4	< 10	< 4	0.2	0.57	14	810	< 0.5	< 2	0.15	0.5	2	20	28	1.32	< 10	< 1	0.05	< 10
BL8600N 9900E	201	202	4	< 10	8	2.2	0.42	30	130	0.5	< 2	0.44	7.0	2	63	76	3.77	< 10	1	0.40	< 10
BL8600N 9950E	201	202	< 4	< 10	< 4	0.8	0.68	18	470	0.5	< 2	0.34	11.0	4	27	80	1.82	< 10	< 1	0.09	< 10
BL8600N 10000E	201	202	< 4	< 10	4	1.4	0.71	24	690	0.5	< 2	0.29	11.5	2	66	90	1.26	< 10	< 1	0.12	10
BL8600N 10050E	201	202	< 4	< 10	< 4	1.2	0.73	26	350	0.5	< 2	0.75	16.5	7	36	79	2.34	< 10	< 1	0.12	10
BL8600N 10100E	201	202	< 12	< 30	< 12	1.4	2.88	66	200	1.5	< 2	0.04	11.5	4	49	797	4.74	10	1	0.25	10
BL8600N 10150E	201	202	not/ss	not/ss	not/ss	2.2	0.74	8	1230	< 0.5	< 2	0.17	2.0	1	32	53	0.83	< 10	< 1	0.07	< 10
BL8600N 10200E	201	202	< 4	< 10	< 4	1.8	0.64	20	1240	0.5	< 2	0.18	3.0	1	84	74	1.42	< 10	< 1	0.10	10
BL8600N 10250E	201	202	< 4	< 10	4	1.6	0.40	24	790	< 0.5	< 2	0.10	1.5	< 1	67	67	0.93	< 10	< 1	0.11	10
BL8600N 10300E	201	202	< 4	< 10	8	2.8	0.40	14	710	0.5	< 2	0.06	5.5	< 1	104	102	0.96	< 10	< 1	0.16	10
BL8600N 10350E	201	202	< 4	< 10	8	3.0	0.97	44	220	0.5	< 2	0.45	11.5	1	92	126	2.24	< 10	< 1	0.21	10
BL8600N 10400E	201	202	4	< 10	8	2.8	0.74	40	160	0.5	< 2	0.12	3.0	1	84	114	2.77	< 10	< 1	0.24	10
BL8600N 10450E	201	202	< 4	< 10	4	1.0	0.69	36	540	< 0.5	< 2	0.05	1.5	1	38	40	2.21	< 10	< 1	0.11	10
BL8600N 10500E	201	202	4	< 10	4	1.2	0.25	26	510	< 0.5	< 2	0.05	1.0	1	22	31	1.84	< 10	< 1	0.16	10
BL8600N 10550E	201	202	not/ss	not/ss	not/ss	0.8	0.84	32	1260	0.5	< 2	0.93	7.5	4	31	58	1.73	< 10	< 1	0.10	< 10
BL8600N 10600E	201	202	< 6	< 15	< 6	0.8	1.11	54	690	0.5	< 2	0.29	6.5	5	39	84	2.97	< 10	< 1	0.22	10
BL8600N 10650E	201	202	4	< 10	12	2.0	1.28	54	410	0.5	< 2	1.14	21.5	6	70	134	2.96	< 10	< 1	0.22	10
BL8600N 10700E	201	202	24	< 10	24	4.2	2.13	98	70	1.0	< 2	0.23	28.0	5	98	244	8.08	< 10	< 1	0.74	< 10
BL8600N 10750E	201	202	< 4	< 10	< 4	1.0	0.80	36	230	< 0.5	< 2	0.07	5.0	1	42	118	2.62	< 10	< 1	0.23	< 10
BL8600N 10800E	201	202	not/ss	not/ss	not/ss	1.2	0.58	18	1510	< 0.5	< 2	0.38	3.0	1	39	35	1.52	< 10	< 1	0.06	10
3877	201	202	< 4	< 10	< 4	< 0.2	2.82	< 2	1610	0.5	< 2	1.06	5.0	53	147	143	10.80	10	< 1	0.14	10

CERTIFICATION:

Chemex Labs Ltd.

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To EQUITY ENGINEERING LTD.

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

Project : BLK.96-04
Comments: ATTN:D.A. CAUFIELD

Certificate Date: 22-JUL-96
Invoice No. :19624098
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9624098

SAMPLE	PREP CODE		Mg %	Mn ppm	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
BL8600N 9000E	201	202	0.38	315	83	< 0.01	188	1220	12	6	2	152	< 0.01	< 10	< 10	608	< 10	694
BL8600N 9050E	201	202	0.18	100	40	< 0.01	59	1230	12	2	< 1	31	0.01	< 10	< 10	453	< 10	262
BL8600N 9100E	201	202	0.12	60	31	< 0.01	39	1170	10	< 2	< 1	43	0.01	< 10	< 10	313	< 10	150
BL8600N 9150E	201	202	0.14	40	29	< 0.01	40	1190	8	< 2	< 1	40	0.01	< 10	< 10	313	< 10	166
BL8600N 9200E	201	202	1.08	85	162	< 0.01	155	1260	30	4	6	241	0.02	< 10	10	1100	< 10	280
BL8600N 9250E	201	202	0.23	55	133	< 0.01	49	930	30	4	3	181	< 0.01	< 10	< 10	881	< 10	188
BL8600N 9300E	201	202	0.52	135	62	< 0.01	38	600	12	4	3	75	0.04	< 10	< 10	522	< 10	140
BL8600N 9350E	201	202	0.09	105	58	< 0.01	53	1040	12	2	1	130	0.03	< 10	< 10	526	< 10	164
BL8600N 9400E	201	202	0.10	35	22	< 0.01	50	1770	2	6	1	207	0.03	< 10	< 10	372	< 10	332
BL8600N 9450E	201	202	0.14	700	54	< 0.01	123	800	10	2	5	70	0.06	< 10	< 10	789	< 10	458
BL8600N 9500E	201	202	0.01	< 5	41	< 0.01	8	160	16	2	< 1	26	< 0.01	< 10	< 10	356	< 10	16
BL8600N 9550E	201	202	0.22	85	41	< 0.01	32	1170	8	2	1	123	0.03	< 10	< 10	461	< 10	138
BL8600N 9600E	201	202	0.10	45	89	< 0.01	33	1180	16	4	< 1	134	0.01	< 10	< 10	636	< 10	158
BL8600N 9650E	201	202	0.19	70	118	< 0.01	103	1410	20	6	2	179	0.02	< 10	< 10	855	< 10	384
BL8600N 9700E	201	202	0.06	45	56	< 0.01	27	1760	14	2	< 1	127	< 0.01	< 10	< 10	412	< 10	110
BL8600N 9750E	201	202	0.08	80	68	< 0.01	29	1110	14	2	< 1	97	0.03	< 10	< 10	491	< 10	116
BL8600N 9800E	201	202	0.16	75	47	< 0.01	47	740	10	2	1	63	0.01	< 10	< 10	353	< 10	156
BL8600N 9850E	201	202	0.20	45	33	< 0.01	32	580	10	2	< 1	81	0.01	< 10	< 10	207	< 10	106
BL8600N 9900E	201	202	0.17	200	24	< 0.01	52	2210	14	2	4	217	< 0.01	< 10	< 10	524	< 10	566
BL8600N 9950E	201	202	0.07	75	54	< 0.01	109	1550	14	6	2	82	0.01	< 10	< 10	444	< 10	564
BL8600N 10000E	201	202	0.15	25	44	< 0.01	90	1570	12	4	3	188	0.01	< 10	< 10	768	< 10	458
BL8600N 10050E	201	202	0.14	375	70	< 0.01	159	1320	10	6	4	133	0.01	< 10	< 10	557	< 10	994
BL8600N 10100E	201	202	0.12	50	203	< 0.01	258	1230	168	10	6	55	0.07	< 10	20	5320	< 10	768
BL8600N 10150E	201	202	0.06	15	27	< 0.01	31	1620	10	4	< 1	58	< 0.01	< 10	< 10	377	< 10	94
BL8600N 10200E	201	202	0.06	25	31	< 0.01	59	2120	14	6	< 1	110	< 0.01	< 10	< 10	540	< 10	284
BL8600N 10250E	201	202	0.03	< 5	18	< 0.01	18	1480	12	2	< 1	160	< 0.01	< 10	< 10	337	< 10	64
BL8600N 10300E	201	202	0.04	5	41	< 0.01	22	1450	14	2	3	277	0.05	< 10	< 10	680	< 10	76
BL8600N 10350E	201	202	0.13	60	31	< 0.01	67	3800	14	4	2	432	< 0.01	< 10	< 10	498	< 10	308
BL8600N 10400E	201	202	0.05	20	32	< 0.01	51	2310	12	4	1	193	0.01	< 10	< 10	639	< 10	166
BL8600N 10450E	201	202	0.05	5	50	< 0.01	47	1990	16	6	1	214	< 0.01	< 10	< 10	349	< 10	170
BL8600N 10500E	201	202	0.01	5	38	< 0.01	17	1540	14	4	< 1	199	< 0.01	< 10	< 10	201	< 10	76
BL8600N 10550E	201	202	0.29	65	58	0.01	138	1540	10	10	2	181	0.01	< 10	< 10	533	< 10	488
BL8600N 10600E	201	202	0.44	110	82	< 0.01	142	1610	14	6	3	141	0.01	< 10	< 10	530	< 10	486
BL8600N 10650E	201	202	0.33	90	51	< 0.01	287	2770	16	8	4	234	0.01	< 10	< 10	690	< 10	1325
BL8600N 10700E	201	202	0.05	60	59	0.01	120	5240	24	14	9	513	< 0.01	< 10	< 10	412	< 10	914
BL8600N 10750E	201	202	0.02	15	24	0.01	30	3130	14	4	< 1	106	< 0.01	< 10	< 10	250	< 10	170
BL8600N 10800E	201	202	0.09	15	13	< 0.01	22	1320	10	2	< 1	111	< 0.01	< 10	< 10	237	< 10	152
3877	201	202	1.48	1470	4	< 0.01	133	1510	< 2	< 2	44	82	< 0.01	< 10	< 10	173	< 10	342

CERTIFICATION: Hart Bichler

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To EQUITY ENGINEERING LTD

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

A9625011

Comments. ATTN D A CAULFIELD

CERTIFICATE A9625011

(EIA) - EQUITY ENGINEERING LTD

Project· BLK 96-04
P O # ·

Samples submitted to our lab in Vancouver, BC.
This report was printed on 29-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	487	Dry, sieve to -80 mesh
202	487	save reject
229	486	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
975	487	Au ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
976	487	Pt ppb: ICP-Fluorescence package	FA-ICP-AFS	5	10000
977	487	Pd ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
2118	486	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	486	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	486	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	486	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	486	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	486	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	486	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	486	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	486	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	486	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	486	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	486	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	486	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	486	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	486	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	486	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	486	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	486	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	486	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	486	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	486	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	486	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	486	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	486	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	486	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	486	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	486	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	486	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	486	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	486	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	486	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	486	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To EQUITY ENGINEERING LTD

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

Project . BLK 96-04
Comments: ATTN D A CAULFIELD

Page Number :1-A
Total Pages :13
Certificate Date 29-JUL-96
Invoice No .19625011
P.O. Number
Account .EIA

CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
R1 00	201	202	10	< 5	4	0.6	2.13	18	280	0.5	< 2	0.26	< 0.5	34	47	94	5.32	< 10	< 1	0.20	20
R1 01	201	202	8	< 5	2	0.6	2.19	16	250	0.5	< 2	0.23	< 0.5	31	49	78	5.37	< 10	< 1	0.20	20
R1 02	201	202	6	< 5	2	0.8	3.00	34	350	1.0	< 2	0.31	0.5	43	99	97	8.95	< 10	1	0.17	40
R1 03	201	202	6	< 5	4	0.6	2.35	22	260	0.5	< 2	0.32	< 0.5	25	59	78	6.19	< 10	< 1	0.17	30
R1 04	201	202	4	< 5	2	0.2	2.00	14	230	0.5	< 2	0.08	< 0.5	18	37	63	4.60	< 10	1	0.15	20
R1 05	201	202	2	< 5	2	0.4	1.52	10	170	0.5	< 2	0.09	< 0.5	14	34	52	4.52	< 10	< 1	0.14	10
R1 06	201	202	4	< 5	2	0.2	2.03	12	190	0.5	< 2	0.10	< 0.5	23	43	63	4.95	< 10	< 1	0.17	10
R1 07	201	202	4	< 5	2	0.2	2.11	10	190	0.5	< 2	0.06	< 0.5	15	44	51	4.72	< 10	< 1	0.16	10
R1 08	201	202	2	< 5	< 2	< 0.2	2.07	6	520	0.5	< 2	1.99	0.5	18	46	61	3.44	< 10	< 1	0.07	10
R1 09	201	202	4	< 5	2	0.6	2.22	16	560	0.5	< 2	0.51	< 0.5	28	98	75	6.05	< 10	< 1	0.19	30
R1 10	201	202	2	< 5	< 2	< 0.2	1.61	12	290	< 0.5	< 2	0.05	< 0.5	12	41	37	3.85	< 10	< 1	0.16	20
R1 11	201	202	16	< 10	20	5.4	0.97	92	240	0.5	< 2	0.08	7.0	5	34	155	3.56	< 10	1	0.36	10
R1 12	201	202	4	< 5	4	1.6	0.47	18	370	< 0.5	< 2	0.01	1.5	1	11	36	0.79	< 10	< 1	0.12	30
R1 13	201	202	6	< 5	14	3.2	0.70	46	130	< 0.5	< 2	0.01	1.0	4	36	95	3.43	< 10	< 1	0.43	10
R1 14	201	202	6	< 5	4	1.8	1.29	38	920	0.5	< 2	0.21	5.0	17	37	120	4.14	< 10	< 1	0.22	30
R1 15	201	202	8	< 5	8	2.6	1.50	50	630	0.5	< 2	0.16	6.0	10	67	104	4.52	< 10	< 1	0.18	20
R1 16	201	202	24	5	32	4.8	2.15	166	260	1.0	< 2	0.31	5.5	4	175	260	5.43	10	1	0.37	20
R1 17	201	202	8	< 5	16	2.4	2.77	68	270	1.5	< 2	0.27	4.5	8	128	154	4.12	< 10	1	0.40	10
R1 18	201	202	6	< 5	2	2.0	2.90	16	370	0.5	< 2	0.13	0.5	8	49	44	3.23	< 10	< 1	0.10	10
R1 19	201	202	12	< 10	16	1.4	1.41	42	440	0.5	< 2	0.06	0.5	4	54	42	2.92	< 10	< 1	0.20	10
R1 20	201	202	4	< 5	2	1.2	1.25	28	820	0.5	< 2	0.03	0.5	3	49	35	2.29	< 10	< 1	0.16	20
R1 21	201	202	2	< 5	2	1.4	1.17	32	660	< 0.5	< 2	0.07	0.5	4	42	25	2.43	< 10	< 1	0.12	10
R1 22	201	202	< 12	< 30	< 12	1.8	1.23	22	570	< 0.5	< 2	0.10	0.5	4	44	20	1.92	< 10	< 1	0.11	10
R1 23	201	202	2	< 5	< 2	0.6	1.00	20	450	0.5	< 2	0.14	1.5	5	47	25	1.83	< 10	< 1	0.11	10
R1 24	201	202	6	< 5	4	2.0	1.36	66	2580	1.5	< 2	0.28	11.0	14	120	124	2.71	10	< 1	0.16	20
R1 25	201	202	6	< 5	6	2.4	2.63	74	1230	1.5	< 2	0.40	15.5	22	122	123	3.41	10	< 1	0.26	30
R1 26	201	202	< 2	< 5	< 2	0.2	0.94	44	1890	0.5	< 2	0.18	3.0	5	79	38	2.26	< 10	< 1	0.13	30
R1 27	201	202	2	< 5	2	1.8	1.63	44	550	0.5	< 2	0.05	0.5	4	54	28	3.03	10	< 1	0.19	20
R1 28	201	202	12	< 5	14	3.8	1.76	120	50	0.5	< 2	0.02	0.5	3	104	144	5.61	< 10	1	0.51	10
R1 29	201	202	8	< 5	10	1.6	2.29	64	160	1.0	< 2	0.02	0.5	4	58	87	4.49	< 10	< 1	0.42	10
R1 30	201	202	8	< 5	8	2.4	1.96	80	1910	2.0	< 2	0.65	30.5	17	112	391	3.50	< 10	< 1	0.28	50
R1 31	201	202	4	< 5	8	1.0	1.82	76	1530	1.5	< 2	0.35	13.5	14	105	82	2.76	10	< 1	0.26	30
R1 32	201	202	6	< 5	6	5.4	2.16	54	1100	1.5	< 2	0.07	1.0	4	115	53	3.89	10	< 1	0.19	20
R1 33	201	202	10	5	16	2.6	1.94	148	400	1.5	< 2	0.10	7.0	3	85	184	5.02	< 10	1	0.23	20
R1 34	201	202	4	< 5	4	1.8	1.92	46	410	1.0	< 2	0.04	0.5	4	55	50	3.49	< 10	< 1	0.28	20
R1 35	201	202	6	< 5	14	3.8	2.10	78	270	1.5	< 2	0.29	4.0	5	177	167	4.79	< 10	1	0.32	10
R1 36	201	202	8	< 10	12	5.0	1.72	42	270	1.0	< 2	0.18	7.0	6	106	105	3.07	< 10	1	0.27	10
R1 37	201	202	4	< 10	8	2.8	1.12	16	200	0.5	< 2	1.05	4.0	3	55	62	1.50	< 10	< 1	0.13	< 10
R1 38	201	202	8	< 5	6	1.6	1.16	36	1570	1.5	< 2	0.15	7.0	11	91	93	2.36	< 10	< 1	0.16	30
R1 39	201	202	6	< 5	4	2.2	1.96	44	1630	0.5	< 2	0.19	5.5	13	82	62	3.25	< 10	< 1	0.13	20

CERTIFICATION Stuart Bichler

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CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Mg %	Mn ppm	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
R1 00	201	202	0.96	620	3	0.01	71	1010	54	2	5	42	0.01	< 10	< 10	38	< 10	158
R1 01	201	202	0.88	660	3	0.01	63	1400	48	< 2	4	39	0.01	< 10	< 10	38	< 10	144
R1 02	201	202	0.78	1270	11	0.05	126	2790	34	2	8	142	< 0.01	< 10	< 10	63	< 10	242
R1 03	201	202	0.82	590	6	0.02	73	1690	32	< 2	5	71	< 0.01	< 10	< 10	45	< 10	174
R1 04	201	202	0.69	350	3	< 0.01	41	1010	30	2	4	22	< 0.01	< 10	< 10	41	< 10	120
R1 05	201	202	0.39	330	3	< 0.01	27	1230	30	< 2	1	17	< 0.01	< 10	< 10	44	< 10	114
R1 06	201	202	0.74	460	1	0.01	47	1240	34	< 2	3	31	< 0.01	< 10	< 10	35	< 10	128
R1 07	201	202	0.47	350	3	< 0.01	30	1340	30	2	1	25	0.01	< 10	< 10	49	< 10	102
R1 08	201	202	0.93	1340	2	0.01	33	1330	8	< 2	9	166	0.03	< 10	< 10	79	< 10	82
R1 09	201	202	0.92	665	7	0.04	83	1840	24	2	11	129	< 0.01	< 10	< 10	70	< 10	140
R1 10	201	202	0.26	205	5	< 0.01	26	1070	16	< 2	2	16	0.01	< 10	< 10	73	< 10	86
R1 11	201	202	0.05	105	128	0.14	114	1090	40	24	3	176	< 0.01	< 10	10	398	< 10	328
R1 12	201	202	0.04	35	38	0.01	16	330	8	2	1	67	< 0.01	< 10	< 10	102	< 10	78
R1 13	201	202	0.08	65	15	0.08	28	720	20	10	3	117	< 0.01	< 10	< 10	81	< 10	112
R1 14	201	202	0.21	330	8	0.01	147	1340	22	10	5	105	< 0.01	< 10	< 10	62	< 10	400
R1 15	201	202	0.14	235	34	0.08	145	1980	20	22	4	183	0.01	< 10	< 10	219	< 10	606
R1 16	201	202	0.14	145	128	0.06	77	6260	32	42	9	186	0.03	< 10	20	1605	< 10	314
R1 17	201	202	0.28	240	60	0.03	100	2990	116	14	7	418	0.07	< 10	< 10	1055	< 10	484
R1 18	201	202	0.42	190	9	< 0.01	38	440	32	2	4	27	0.08	< 10	< 10	197	< 10	134
R1 19	201	202	0.13	85	75	0.01	33	960	74	10	2	54	0.06	< 10	< 10	789	< 10	144
R1 20	201	202	0.11	50	73	0.01	72	570	54	6	3	68	0.03	< 10	< 10	697	< 10	246
R1 21	201	202	0.15	110	50	< 0.01	77	840	48	4	1	33	0.03	< 10	< 10	637	< 10	280
R1 22	201	202	0.16	100	35	0.01	58	800	34	2	1	31	0.04	< 10	< 10	679	< 10	234
R1 23	201	202	0.29	110	52	0.01	97	720	12	2	1	20	0.03	< 10	< 10	546	< 10	244
R1 24	201	202	0.82	205	133	< 0.01	687	940	16	6	9	96	0.08	< 10	< 10	2400	< 10	2070
R1 25	201	202	0.96	445	152	< 0.01	827	1440	20	6	8	87	0.07	10	< 10	2590	< 10	2830
R1 26	201	202	0.14	50	134	< 0.01	334	410	14	4	3	45	0.04	< 10	< 10	1515	< 10	820
R1 27	201	202	0.22	60	93	0.01	42	650	24	6	4	107	0.04	< 10	< 10	792	< 10	178
R1 28	201	202	0.10	35	140	0.05	27	1410	24	20	7	198	0.02	10	< 10	1555	< 10	138
R1 29	201	202	0.60	90	160	0.05	62	930	22	12	7	142	0.01	< 10	< 10	672	< 10	332
R1 30	201	202	0.31	295	233	< 0.01	828	1200	22	12	9	114	0.01	< 10	< 10	1670	< 10	1710
R1 31	201	202	0.79	285	145	< 0.01	536	810	18	4	7	70	0.11	< 10	< 10	2440	< 10	2420
R1 32	201	202	0.18	65	37	0.01	43	1520	20	6	1	88	0.04	< 10	< 10	1100	< 10	196
R1 33	201	202	0.13	55	219	0.07	90	3200	38	24	7	223	0.01	10	50	1380	< 10	430
R1 34	201	202	0.41	100	139	0.03	87	830	32	6	5	103	0.04	< 10	< 10	904	< 10	242
R1 35	201	202	0.27	90	97	0.02	108	5430	16	10	3	138	0.05	< 10	10	1485	< 10	358
R1 36	201	202	0.48	225	52	0.02	126	3590	16	6	3	86	0.02	< 10	< 10	821	< 10	730
R1 37	201	202	0.20	55	23	0.02	74	2230	10	6	< 1	64	0.01	< 10	< 10	381	< 10	310
R1 38	201	202	0.17	225	75	< 0.01	253	1230	18	6	1	85	0.03	< 10	< 10	1470	< 10	708
R1 39	201	202	0.38	335	57	< 0.01	228	870	82	10	4	55	0.08	< 10	< 10	1065	< 10	1440

CERTIFICATION Stewart Bichlen

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SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
R1 40	201	202	12	< 10	12	< 0.2	2.25	68	580	2.0	< 2	0.87	6.0	27	131	125	3.90	< 10	< 1	0.24	60
R1 41	201	202	4	< 5	4	0.6	2.02	32	770	0.5	< 2	0.12	3.0	9	80	40	2.82	10	< 1	0.15	30
R1 42	201	202	2	< 5	2	0.8	1.48	34	230	< 0.5	< 2	0.10	0.5	6	53	28	3.22	< 10	< 1	0.10	20
R1 43	201	202	6	< 5	6	1.6	1.98	54	1220	1.5	< 2	0.23	7.5	14	117	97	3.43	< 10	< 1	0.16	30
R1 44	201	202	4	< 5	2	0.2	1.76	12	420	0.5	< 2	0.13	0.5	9	38	25	3.32	10	< 1	0.11	10
R1 45	201	202	4	< 5	4	0.4	2.36	14	940	0.5	< 2	0.06	0.5	14	69	56	4.88	< 10	< 1	0.13	20
R1 46	201	202	4	< 5	4	< 0.2	2.07	16	2300	0.5	< 2	0.15	1.5	15	62	41	3.97	< 10	< 1	0.10	10
R1 47	201	202	8	< 5	6	1.4	2.36	52	1310	1.5	< 2	0.16	6.0	20	110	95	5.01	< 10	1	0.20	30
R1 48	201	202	2	< 5	2	< 0.2	0.89	6	130	< 0.5	< 2	0.02	< 0.5	3	18	8	1.18	< 10	< 1	0.06	20
R1 49	201	202	4	< 5	4	0.6	2.30	18	870	0.5	< 2	0.18	4.5	13	63	49	3.15	< 10	< 1	0.14	20
R1 50	201	202	4	< 5	4	1.6	2.78	48	390	0.5	< 2	0.10	3.0	9	94	43	4.84	10	< 1	0.14	20
R1 51	201	202	8	< 5	6	0.6	3.10	34	1040	1.0	< 2	0.18	4.0	39	96	113	5.43	< 10	1	0.22	30
R1 52	201	202	6	< 5	6	0.6	2.16	24	1220	0.5	< 2	0.15	2.0	23	76	64	4.08	< 10	< 1	0.19	20
R1 53	201	202	4	< 5	2	0.2	3.69	16	490	0.5	< 2	0.21	0.5	14	57	33	3.92	< 10	1	0.10	10
R1 54	201	202	8	< 5	6	0.8	2.38	44	1870	1.5	< 2	0.22	3.0	28	125	96	5.27	< 10	< 1	0.23	30
R1 55	201	202	4	< 5	4	2.0	2.22	32	310	< 0.5	< 2	0.08	< 0.5	7	55	23	3.80	10	< 1	0.14	10
R1 56	201	202	12	< 5	16	3.8	3.38	132	240	1.5	< 2	0.14	1.5	5	134	58	7.13	10	1	0.31	30
R1 57	201	202	10	< 5	12	6.6	2.45	68	490	< 0.5	< 2	0.08	< 0.5	5	123	48	5.45	10	< 1	0.16	10
R1 58	201	202	4	< 5	4	0.6	0.64	22	300	< 0.5	< 2	0.03	< 0.5	2	33	22	1.90	< 10	< 1	0.09	< 10
R1 59	201	202	10	< 5	8	2.6	1.88	26	820	< 0.5	< 2	0.07	< 0.5	5	61	61	3.56	< 10	< 1	0.12	10
R1 60	201	202	4	< 5	4	0.2	1.48	10	1630	0.5	< 2	0.23	0.5	16	41	41	3.04	< 10	< 1	0.11	10
R1 61	201	202	6	< 5	8	2.4	2.28	36	790	0.5	< 2	0.06	0.5	6	55	39	3.82	< 10	< 1	0.20	20
R1 62	201	202	8	< 10	8	2.2	1.18	36	460	< 0.5	< 2	0.05	0.5	3	34	38	3.10	< 10	< 1	0.21	20
R1 63	201	202	6	< 5	4	1.4	2.61	32	410	0.5	< 2	0.22	0.5	11	54	53	3.38	< 10	< 1	0.15	10
R1 64	201	202	4	< 5	4	0.2	1.97	34	350	< 0.5	< 2	0.16	0.5	8	49	31	3.94	10	< 1	0.12	10
R1 65	201	202	2	< 5	2	0.2	1.93	22	310	< 0.5	< 2	0.12	< 0.5	5	47	12	2.59	10	< 1	0.12	10
R1 66	201	202	6	< 5	2	< 0.2	2.36	16	1120	0.5	< 2	0.21	1.5	10	50	35	3.16	< 10	< 1	0.13	10
R1 67	201	202	4	< 5	4	0.2	2.26	14	1020	0.5	< 2	0.19	1.0	9	68	35	4.00	< 10	< 1	0.15	10
R1 68	201	202	4	< 5	2	< 0.2	2.20	6	1020	0.5	< 2	0.43	0.5	7	51	29	2.24	10	< 1	0.14	10
R1 69	201	202	4	< 5	2	< 0.2	2.13	12	670	0.5	< 2	0.45	0.5	8	46	26	2.65	< 10	< 1	0.14	20
R1 70	201	202	4	< 5	4	< 0.2	1.88	12	510	< 0.5	< 2	0.43	0.5	8	42	16	2.53	< 10	< 1	0.12	10
R1 71	201	202	4	< 5	4	< 0.2	2.12	14	710	0.5	< 2	0.41	0.5	8	46	33	2.91	< 10	< 1	0.13	20
R1 72	201	202	6	< 5	4	< 0.2	1.88	8	1050	< 0.5	< 2	0.33	0.5	9	43	26	2.51	< 10	< 1	0.12	10
R1 73	201	202	4	< 5	4	< 0.2	1.88	10	940	0.5	< 2	0.41	1.0	8	45	32	2.64	< 10	< 1	0.12	10
R1 74	201	202	4	< 5	4	< 0.2	1.58	12	950	< 0.5	< 2	0.39	1.5	10	39	28	2.55	< 10	< 1	0.10	10
R1 75	201	202	4	< 5	4	< 0.2	1.48	12	1460	0.5	< 2	0.60	2.0	10	39	32	2.84	< 10	< 1	0.12	10
R2 0000	201	202	6	< 5	6	2.4	2.73	42	1830	1.5	< 2	0.09	3.0	6	104	83	3.07	10	< 1	0.20	30
R2 0025	201	202	10	< 5	14	1.6	1.26	32	890	0.5	< 2	0.15	4.5	4	93	115	1.51	< 10	< 1	0.14	20
R2 0050	201	202	8	< 5	12	0.6	1.67	20	2680	0.5	< 2	0.15	1.5	3	58	62	1.60	< 10	< 1	0.13	10
R2 0075	201	202	16	5	22	1.4	1.43	54	220	1.0	< 2	0.20	4.5	4	119	146	3.47	10	< 1	0.37	30

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 : BLK 96-04
Comments ATTN: D A CAULFIELD

Certificate Date 29-JUL-96
Invoice No 19625011
P O Number
Account EIA

CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Mg %	Mn ppm	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
R1 40	201	202	0.27	560	194	< 0.01	671	4440	728	10	8	273	0.03	< 10	< 10	2140	< 10	2180
R1 41	201	202	0.27	160	72	< 0.01	202	470	30	4	5	46	0.05	< 10	< 10	1145	< 10	710
R1 42	201	202	0.30	195	61	< 0.01	156	430	20	4	3	23	0.08	< 10	< 10	1255	< 10	448
R1 43	201	202	0.34	200	137	< 0.01	411	1360	22	6	5	92	0.10	10	< 10	2310	< 10	1235
R1 44	201	202	0.33	140	12	< 0.01	40	280	18	2	3	19	0.04	< 10	< 10	240	< 10	140
R1 45	201	202	0.48	185	14	< 0.01	58	740	28	2	4	32	0.02	< 10	< 10	248	< 10	252
R1 46	201	202	0.49	415	10	< 0.01	50	790	28	2	4	59	0.05	< 10	< 10	206	< 10	254
R1 47	201	202	0.53	370	50	< 0.01	177	970	86	8	6	57	0.05	< 10	< 10	1105	< 10	1510
R1 48	201	202	0.06	60	13	< 0.01	9	170	6	< 2	1	10	0.05	< 10	< 10	204	< 10	44
R1 49	201	202	0.49	290	21	< 0.01	105	710	30	6	5	32	0.06	< 10	< 10	460	< 10	646
R1 50	201	202	0.37	270	57	< 0.01	125	440	28	8	5	20	0.08	< 10	< 10	1585	< 10	896
R1 51	201	202	0.84	890	23	0.01	170	1510	56	8	8	63	0.05	< 10	< 10	407	< 10	624
R1 52	201	202	0.62	540	24	0.01	81	1180	36	4	5	74	0.05	< 10	< 10	363	< 10	290
R1 53	201	202	0.54	335	4	< 0.01	42	600	12	2	5	21	0.08	< 10	< 10	117	< 10	158
R1 54	201	202	0.91	420	55	0.01	247	1460	34	6	7	94	0.06	< 10	< 10	1085	< 10	734
R1 55	201	202	0.33	135	32	< 0.01	35	470	16	4	4	61	0.09	< 10	< 10	386	< 10	98
R1 56	201	202	0.36	55	114	0.03	50	4520	24	12	13	614	0.10	10	30	1265	< 10	218
R1 57	201	202	0.26	90	31	0.01	22	1220	14	12	4	133	0.09	< 10	< 10	782	< 10	98
R1 58	201	202	0.06	75	11	0.01	25	620	6	4	1	432	0.02	< 10	< 10	245	< 10	108
R1 59	201	202	0.20	115	15	< 0.01	17	670	8	2	3	161	0.04	< 10	< 10	299	< 10	74
R1 60	201	202	0.36	320	7	< 0.01	50	970	8	< 2	4	208	0.04	< 10	< 10	119	< 10	156
R1 61	201	202	0.25	105	84	0.01	28	880	24	8	4	181	0.05	< 10	< 10	590	< 10	86
R1 62	201	202	0.12	65	97	0.04	26	740	18	8	2	135	0.06	< 10	< 10	478	< 10	76
R1 63	201	202	0.70	265	36	0.01	68	740	12	6	6	97	0.08	< 10	< 10	451	< 10	182
R1 64	201	202	0.74	320	49	< 0.01	77	760	10	6	5	139	0.08	< 10	< 10	582	< 10	290
R1 65	201	202	0.31	145	28	< 0.01	15	440	14	6	3	50	0.08	< 10	< 10	442	< 10	66
R1 66	201	202	0.46	220	7	< 0.01	42	610	20	< 2	4	32	0.07	< 10	< 10	189	< 10	196
R1 67	201	202	0.52	190	11	< 0.01	53	800	30	2	3	32	0.04	< 10	< 10	289	< 10	272
R1 68	201	202	0.68	155	3	0.01	35	710	12	2	5	40	0.09	< 10	< 10	163	< 10	182
R1 69	201	202	0.63	145	4	0.01	32	760	10	2	5	37	0.10	< 10	< 10	148	< 10	154
R1 70	201	202	0.56	220	5	0.01	27	760	10	< 2	4	34	0.08	< 10	< 10	143	< 10	140
R1 71	201	202	0.53	130	6	0.01	29	730	10	2	5	33	0.09	< 10	< 10	172	< 10	154
R1 72	201	202	0.48	220	6	0.01	36	660	8	2	4	31	0.07	< 10	< 10	160	< 10	140
R1 73	201	202	0.59	155	5	0.01	37	730	10	2	5	38	0.08	< 10	< 10	194	< 10	214
R1 74	201	202	0.53	240	5	< 0.01	38	760	10	2	4	36	0.07	< 10	< 10	154	< 10	230
R1 75	201	202	0.58	520	8	0.01	49	960	12	< 2	5	56	0.07	< 10	< 10	170	< 10	294
R2 0000	201	202	0.23	155	65	< 0.01	39	1160	20	6	5	120	0.09	< 10	< 10	1385	< 10	144
R2 0025	201	202	0.10	120	40	< 0.01	44	1420	12	6	4	181	0.07	< 10	< 10	1215	< 10	194
R2 0050	201	202	0.33	65	19	< 0.01	19	760	12	6	5	93	0.05	< 10	< 10	632	< 10	146
R2 0075	201	202	0.22	105	81	0.02	53	2630	32	12	8	319	0.14	< 10	< 10	1625	< 10	316

CERTIFICATION Stewart Bichler

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To EQUITY ENGINEERING LTD

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Project BLK 96-04
Comments. ATTN D A CAULFIELD

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CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
R2 0100	201	202	6	5	8	0.8	2.74	42	640	0.5	< 2	0.20	2.0	10	101	90	4.31	10	< 1	0.24	20
R2 0125	201	202	2	< 5	< 2	0.6	2.72	22	900	0.5	< 2	0.21	1.0	11	58	44	3.71	< 10	< 1	0.15	10
R2 0150	201	202	4	< 5	4	0.8	2.79	30	990	0.5	< 2	0.20	2.0	11	80	80	3.79	10	< 1	0.18	10
R2 0175	201	202	4	< 5	< 2	1.0	3.07	94	760	0.5	< 2	0.15	1.0	12	75	53	4.48	< 10	< 1	0.13	10
R2 0200	201	202	< 2	< 5	< 2	0.6	0.86	22	870	0.5	< 2	0.97	37.0	51	132	74	7.52	< 10	< 1	0.04	20
R2 0225	201	202	2	< 5	< 2	1.6	1.81	48	720	0.5	< 2	0.06	1.0	7	51	56	3.90	< 10	< 1	0.19	20
R2 0250	201	202	2	< 5	2	0.8	1.16	44	570	1.5	< 2	0.17	13.5	14	42	79	2.59	< 10	< 1	0.22	20
R2 0275	201	202	4	5	6	0.4	3.17	82	630	2.5	< 2	0.82	61.0	34	103	232	4.98	< 10	< 1	0.18	10
R2 0300	201	202	4	< 5	4	2.0	1.65	56	1530	2.0	< 2	0.61	28.0	15	117	140	2.49	< 10	< 1	0.24	30
R2 0325	201	202	< 2	< 5	< 2	0.6	1.19	18	510	< 0.5	< 2	0.08	1.0	3	33	20	1.66	< 10	< 1	0.15	30
R2 0350	201	202	2	5	6	10.4	2.72	70	1070	1.5	< 2	0.33	35.0	94	72	300	6.31	< 10	3	0.29	10
R2 0375	201	202	< 2	< 5	< 2	1.6	1.82	16	430	< 0.5	< 2	0.11	1.0	6	42	25	2.43	< 10	< 1	0.12	10
R2 0400	201	202	< 2	< 5	< 2	0.6	1.88	10	630	0.5	< 2	0.15	1.5	5	62	28	2.06	< 10	< 1	0.17	10
R2 0425	201	202	2	< 5	4	1.0	1.84	8	800	0.5	< 2	0.55	3.0	11	59	70	2.42	< 10	< 1	0.18	20
R2 0450	201	202	2	< 5	< 2	3.8	1.69	14	940	1.5	< 2	0.42	9.0	14	69	48	3.30	< 10	< 1	0.22	10
R2 0475	201	202	< 2	< 5	< 2	0.2	2.01	32	990	0.5	< 2	0.31	3.0	16	71	52	3.08	< 10	< 1	0.17	20
R2 0500	201	202	2	< 5	2	0.8	1.55	46	1160	1.5	< 2	0.30	5.5	14	95	115	3.07	< 10	< 1	0.15	20
R2 0525	201	202	2	< 5	< 2	0.6	2.36	42	1100	1.0	< 2	0.19	6.0	14	62	77	3.65	10	< 1	0.19	10
R2 0550	201	202	4	< 5	2	0.8	1.69	54	360	1.5	< 2	0.96	13.0	10	89	103	2.98	< 10	< 1	0.32	30
R2 0575	201	202	4	< 5	4	2.0	2.41	78	2360	2.0	< 2	0.37	6.5	13	150	178	2.75	10	< 1	0.21	30
R2 0600	201	202	6	10	28	7.2	1.39	130	1130	2.0	< 2	3.48	51.0	12	287	230	2.28	< 10	1	0.22	30
R2 0625	201	202	2	< 5	4	1.6	0.80	54	1560	2.0	< 2	2.78	16.0	11	71	94	2.75	< 10	< 1	0.20	30
R2 0650	201	202	2	< 5	< 2	1.4	1.41	42	1760	1.5	< 2	0.68	4.5	5	75	45	2.73	< 10	< 1	0.23	30
R2 0675	201	202	< 2	< 5	< 2	4.0	1.09	22	1060	1.5	< 2	1.05	10.5	11	64	53	1.82	< 10	< 1	0.21	30
R2 0700	201	202	4	5	16	4.6	1.33	124	1000	2.5	< 2	3.29	39.5	13	189	219	2.84	10	1	0.26	30
R2 0725	201	202	2	< 5	4	2.2	1.57	64	900	3.0	< 2	0.79	23.0	10	135	134	2.19	10	< 1	0.23	40
R2 0750	201	202	2	< 5	8	4.6	1.72	92	1210	2.5	< 2	0.99	50.0	11	216	193	2.32	10	1	0.26	40
R2 0775	201	202	4	< 5	16	5.6	1.51	110	1270	2.5	< 2	4.56	65.0	7	292	229	2.08	< 10	< 1	0.25	30
R2 0800	201	202	4	5	20	6.4	1.70	138	840	2.5	< 2	1.39	72.5	11	281	249	2.55	10	1	0.33	40
R2 0825	201	202	< 2	< 5	4	1.4	0.65	44	1630	2.0	< 2	6.58	13.0	6	94	97	1.85	< 10	< 1	0.10	20
R2 0850	201	202	< 2	< 5	< 2	1.0	1.95	22	710	1.0	< 2	0.62	8.5	8	76	55	1.93	< 10	< 1	0.16	20
R2 0875	201	202	2	< 5	4	1.2	1.89	34	960	1.0	< 2	0.34	15.5	9	120	84	2.49	< 10	< 1	0.14	30
R2 0900	201	202	4	< 5	8	7.6	1.73	78	550	2.0	< 2	0.96	71.0	21	300	237	3.54	< 10	< 1	0.16	30
R2 0925	201	202	2	< 5	2	3.4	1.74	104	790	1.5	< 2	0.23	12.5	37	346	95	5.23	10	< 1	0.15	20
R2 0950	201	202	6	< 5	20	11.0	1.62	118	1230	2.0	< 2	1.56	>100.0	13	218	282	2.20	10	< 1	0.19	40
R2 0975	201	202	6	5	24	15.6	1.70	140	810	1.5	< 2	1.13	>100.0	15	230	298	2.26	10	1	0.20	40
R2 1000	201	202	< 2	< 5	2	1.8	0.80	58	480	0.5	< 2	0.10	4.5	3	150	40	1.82	< 10	< 1	0.11	30
R2 1025	201	202	6	5	14	8.0	1.21	144	690	2.0	< 2	5.19	94.5	5	216	201	1.53	< 10	< 1	0.20	30
R2 1050	201	202	4	< 5	10	12.0	1.32	126	720	1.5	< 2	0.67	70.5	7	238	172	1.83	10	1	0.21	30
R2 1075	201	202	16	5	38	27.2	1.76	180	1450	2.0	< 2	1.84	>100.0	13	302	501	2.13	10	5	0.28	40

CERTIFICATION: Stewart Borchers

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SAMPLE	PREP CODE	Mg %	Mn ppm	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
R2 0100	201 202	0.45	280	42	0.01	65	1560	22	10	6	194	0.14	< 10	< 10	1245	< 10	268
R2 0125	201 202	0.51	225	10	0.01	44	970	12	2	5	60	0.08	< 10	< 10	320	< 10	146
R2 0150	201 202	0.54	285	23	< 0.01	66	1100	14	6	6	80	0.12	< 10	< 10	756	< 10	264
R2 0175	201 202	0.42	180	67	0.01	129	1370	12	8	6	158	0.05	< 10	< 10	340	< 10	376
R2 0200	201 202	0.22	1075	16	0.01	242	3090	6	6	28	126	0.03	< 10	< 10	250	< 10	1475
R2 0225	201 202	0.21	85	149	0.02	101	680	20	8	4	108	0.02	< 10	< 10	370	< 10	252
R2 0250	201 202	0.25	225	82	0.01	401	630	14	8	6	110	< 0.01	< 10	< 10	495	< 10	1250
R2 0275	201 202	0.23	475	154	0.03	1235	1150	18	10	11	435	0.02	< 10	50	1790	< 10	6090
R2 0300	201 202	0.43	205	106	< 0.01	606	1260	16	6	10	170	0.01	< 10	< 10	2120	< 10	2740
R2 0325	201 202	0.11	50	18	< 0.01	35	410	12	10	1	27	0.02	< 10	< 10	500	< 10	272
R2 0350	201 202	0.21	2010	44	0.01	454	4960	42	38	9	89	0.01	< 10	70	897	< 10	3050
R2 0375	201 202	0.15	120	8	< 0.01	31	1280	14	8	1	20	0.03	< 10	< 10	225	< 10	252
R2 0400	201 202	0.19	90	10	< 0.01	38	1690	10	6	< 1	24	0.01	< 10	< 10	531	< 10	274
R2 0425	201 202	0.42	200	5	0.01	83	2250	4	2	3	63	0.01	< 10	< 10	140	< 10	536
R2 0450	201 202	0.33	340	16	0.01	91	1710	20	4	4	37	0.01	< 10	< 10	779	< 10	690
R2 0475	201 202	0.73	410	51	< 0.01	250	1050	12	4	6	50	0.08	< 10	< 10	923	< 10	712
R2 0500	201 202	0.60	190	112	0.01	549	1380	16	2	5	69	0.07	< 10	< 10	1360	< 10	992
R2 0525	201 202	0.68	310	48	0.01	274	990	12	4	6	91	0.06	< 10	< 10	1095	< 10	860
R2 0550	201 202	0.41	260	100	< 0.01	424	1690	20	8	7	161	0.07	< 10	< 10	1725	< 10	1180
R2 0575	201 202	1.44	90	131	< 0.01	751	980	14	6	11	103	0.09	< 10	< 10	3190	< 10	2300
R2 0600	201 202	2.06	175	104	< 0.01	658	2700	18	18	9	296	0.05	< 10	10	2590	< 10	6300
R2 0625	201 202	1.19	220	94	< 0.01	306	1330	16	10	6	151	0.01	< 10	< 10	667	< 10	1145
R2 0650	201 202	0.43	80	67	< 0.01	97	980	18	8	5	63	0.01	< 10	< 10	852	< 10	750
R2 0675	201 202	0.40	265	30	0.02	84	3100	26	10	5	152	0.01	< 10	< 10	739	< 10	796
R2 0700	201 202	1.36	135	138	< 0.01	527	1260	28	12	8	254	0.06	< 10	10	3400	< 10	3840
R2 0725	201 202	1.10	155	41	< 0.01	358	1030	20	10	8	105	0.03	< 10	< 10	2400	< 10	2670
R2 0750	201 202	1.17	275	79	< 0.01	515	1730	20	10	10	135	0.07	< 10	10	3920	< 10	5320
R2 0775	201 202	3.50	230	80	< 0.01	425	3070	20	12	12	315	0.11	< 10	< 10	4060	< 10	3900
R2 0800	201 202	1.34	155	126	< 0.01	658	2010	24	14	12	168	0.05	< 10	< 10	5160	< 10	6170
R2 0825	201 202	0.85	100	120	< 0.01	289	790	14	6	6	402	0.09	< 10	10	1465	< 10	982
R2 0850	201 202	0.63	105	16	< 0.01	110	1110	14	6	6	63	0.07	< 10	< 10	860	< 10	990
R2 0875	201 202	0.76	225	41	< 0.01	237	1110	10	6	6	51	0.07	< 10	< 10	1495	< 10	2020
R2 0900	201 202	0.84	300	144	< 0.01	729	1370	18	10	12	182	0.12	< 10	20	3030	< 10	4910
R2 0925	201 202	0.89	330	132	< 0.01	678	840	14	10	7	69	0.08	< 10	10	2510	< 10	2120
R2 0950	201 202	0.72	410	177	0.01	657	1330	20	18	13	149	0.13	< 10	< 10	4340	< 10	8090
R2 0975	201 202	1.06	390	165	0.03	705	1470	20	28	12	138	0.13	10	< 10	5110	< 10	>10000
R2 1000	201 202	0.13	45	148	< 0.01	145	510	24	18	3	15	0.11	< 10	< 10	3070	< 10	970
R2 1025	201 202	1.41	115	131	< 0.01	581	2080	18	30	10	573	0.13	< 10	10	5910	< 10	9070
R2 1050	201 202	0.56	225	130	< 0.01	322	1870	18	14	6	122	0.03	< 10	10	5450	< 10	4120
R2 1075	201 202	0.40	490	209	0.12	870	2340	32	24	18	237	0.11	10	< 10	6960	< 10	>10000

CERTIFICATION _____

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R2 1100	201	202	12	5	30	19.8	1.91	204	1510	3.0	< 2	0.86	>100.0	12	398	658	2.59	10	5	0.31	40
R2 1125	201	202	10	10	40	16.0	2.09	258	1340	4.0	< 2	3.97	>100.0	15	479	660	2.39	10	1	0.49	40
R2 1150	201	202	4	< 5	4	1.8	1.77	50	790	0.5	< 2	0.43	30.0	12	101	113	2.62	< 10	< 1	0.15	20
R2 1175	201	202	6	< 5	6	3.0	1.87	96	1210	1.5	< 2	0.75	35.5	7	161	173	2.15	10	< 1	0.19	30
R2 1200	201	202	< 2	< 5	2	< 0.2	0.84	38	810	1.5	< 2	0.06	2.5	3	100	42	1.27	< 10	< 1	0.13	20
R2 1225	201	202	< 4	< 10	8	2.8	0.92	80	770	1.0	< 2	4.63	22.5	120	454	127	10.40	< 10	1	0.08	< 10
R2 1250	201	202	12	< 10	24	5.4	3.10	198	520	2.5	< 2	1.14	80.0	38	239	552	8.10	10	2	0.27	30
R2 1275	201	202	< 4	< 10	4	4.8	2.27	66	3410	0.5	< 2	0.92	5.0	103	774	97	10.00	< 10	1	0.08	< 10
R2 1300	201	202	10	5	22	14.8	2.47	178	1320	2.5	< 2	0.57	80.5	16	411	411	3.22	10	< 1	0.35	40
R2 1325	201	202	4	< 5	18	9.2	1.31	122	1200	2.0	< 2	1.40	>100.0	9	264	262	1.69	10	< 1	0.27	30
R2 1350	201	202	10	5	36	16.0	1.38	118	2640	2.5	< 2	4.41	90.5	15	296	280	2.07	10	1	0.27	40
R2 1375	201	202	4	< 5	8	5.4	1.67	80	1880	1.5	< 2	2.79	75.5	7	192	210	1.70	10	< 1	0.18	30
R2 1400	201	202	4	< 5	2	6.0	1.86	48	2390	1.5	< 2	0.56	4.0	9	90	65	3.37	< 10	< 1	0.09	30
R2 1425	201	202	10	< 5	12	4.8	1.56	86	1940	2.0	< 2	0.84	13.0	18	160	170	3.24	10	1	0.17	30
R2 1450	201	202	6	5	12	4.4	1.50	116	1340	2.5	< 2	2.13	38.0	14	188	201	2.96	10	< 1	0.25	30
R2 1475	201	202	4	5	16	3.4	1.15	88	820	2.0	< 2	2.36	48.0	8	244	164	2.10	10	< 1	0.18	30
R2 1500	201	202	4	< 5	2	0.2	1.31	60	720	1.5	< 2	2.10	8.0	7	81	74	2.13	< 10	< 1	0.20	30
R2 1525	201	202	2	< 5	2	< 0.2	2.25	66	430	1.5	< 2	0.19	2.0	10	61	56	3.65	< 10	< 1	0.12	10
R2 1550	201	202	2	< 5	< 2	< 0.2	2.37	38	280	2.0	< 2	0.09	16.0	15	35	46	1.92	< 10	< 1	0.04	10
R2 1575	201	202	4	< 5	2	0.6	1.89	44	490	1.0	< 2	0.06	2.5	9	42	90	2.73	10	< 1	0.12	10
R2 1600	201	202	2	< 5	6	0.8	0.40	46	310	< 0.5	< 2	0.01	1.5	1	35	81	2.08	< 10	< 1	0.17	< 10
R2 1625	201	202	8	5	22	1.6	0.40	64	160	0.5	< 2	0.01	9.0	1	42	89	2.92	< 10	1	0.35	< 10
R2 1650	201	202	6	5	12	2.2	2.01	88	310	0.5	< 2	0.05	6.5	7	67	126	3.82	10	< 1	0.25	< 10
R2 1675	201	202	4	< 5	6	1.4	1.03	64	120	1.0	< 2	0.05	3.0	5	50	87	4.49	< 10	< 1	0.41	< 10
R2 1700	201	202	6	< 5	8	1.4	0.79	56	150	0.5	< 2	0.01	< 0.5	2	29	48	3.92	< 10	< 1	0.19	10
R2 1725	201	202	8	< 5	6	1.2	2.61	56	880	2.5	< 2	0.61	19.5	19	113	174	2.74	10	< 1	0.16	40
R2 1750	201	202	4	< 5	2	0.8	1.22	46	450	1.0	< 2	0.06	2.5	9	90	53	2.62	< 10	< 1	0.12	20
R2 1775	201	202	2	< 5	6	1.0	0.48	52	290	0.5	< 2	0.03	2.5	2	28	60	2.40	< 10	< 1	0.18	< 10
R2 1800	201	202	2	< 5	< 2	0.2	0.42	10	510	< 0.5	< 2	0.05	2.5	< 1	17	15	0.57	< 10	< 1	0.07	10
R2 1825	201	202	4	< 5	4	0.6	1.87	46	640	0.5	< 2	0.06	2.5	6	42	57	3.31	< 10	< 1	0.14	10
R2 1850	201	202	2	< 5	2	0.6	1.36	60	950	1.0	< 2	0.32	8.0	12	53	67	2.32	< 10	< 1	0.12	10
R2 1875	201	202	2	< 5	2	0.6	1.02	42	560	2.0	< 2	0.91	5.5	7	107	74	1.75	< 10	< 1	0.16	30
R2 1900	201	202	2	< 5	6	2.8	1.06	70	520	2.0	< 2	0.82	43.5	5	157	114	1.78	< 10	< 1	0.16	20
R2 1925	201	202	2	< 5	4	1.6	1.18	60	460	1.5	< 2	0.39	26.0	5	163	99	1.70	< 10	< 1	0.14	30
R2 1950	201	202	4	< 5	2	0.4	2.04	56	660	1.5	< 2	0.57	12.0	13	84	105	2.50	10	< 1	0.21	20
R2 1975	201	202	6	< 5	4	1.8	2.84	58	940	1.5	< 2	1.39	16.0	13	60	101	3.23	10	< 1	0.23	10
R2 2000	201	202	12	< 15	24	3.6	2.16	170	140	2.0	< 2	0.15	24.5	5	123	360	3.84	10	2	0.58	< 10
R2 2025	201	202	8	5	16	2.2	0.95	78	110	0.5	< 2	0.11	2.5	2	62	109	3.60	< 10	1	0.42	10
R2 2050	201	202	8	< 10	16	2.2	0.95	86	80	0.5	< 2	0.03	3.0	2	65	114	4.00	< 10	1	0.49	10
R2 2075	201	202	6	< 5	12	2.0	0.56	34	140	< 0.5	< 2	0.12	2.5	1	65	56	2.53	< 10	< 1	0.21	10

CERTIFICATION Stewart Buchler

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To EQUITY ENGINEERING LTD.

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VANCOUVER, BC
V6B 1N2

Project · BLK 96-04
Comments ATTN D A CAULFIELD

Certificate Date. 29-JUL-96
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CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Mg %	Mn ppm	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
R2 1100	201	202	1.17	270	256	0.09	787	1680	32	20	18	138	0.12	10	10	6840	< 10	>10000
R2 1125	201	202	0.75	290	256	0.48	1200	3570	42	28	16	386	0.08	10	30	>10000	< 10	>10000
R2 1150	201	202	0.60	330	50	< 0.01	234	1100	12	6	6	61	0.10	< 10	< 10	1400	< 10	2640
R2 1175	201	202	1.66	160	117	< 0.01	534	580	16	10	9	112	0.11	< 10	< 10	3440	< 10	4560
R2 1200	201	202	0.16	20	96	< 0.01	220	370	10	4	2	20	0.06	< 10	< 10	2340	< 10	442
R2 1225	201	202	3.57	1770	11	< 0.01	1230	750	6	10	15	1320	< 0.01	< 10	< 10	183	< 10	1960
R2 1250	201	202	0.30	1715	98	0.04	1125	9030	22	34	14	538	0.01	< 10	60	1690	< 10	4620
R2 1275	201	202	4.72	1290	19	< 0.01	995	480	< 2	10	15	278	0.03	< 10	< 10	212	< 10	632
R2 1300	201	202	0.55	485	203	< 0.01	542	2830	32	24	13	99	0.07	< 10	10	6490	< 10	4640
R2 1325	201	202	0.79	185	162	0.03	649	1600	20	16	11	221	0.10	< 10	10	6480	< 10	9710
R2 1350	201	202	0.83	305	250	0.01	911	1060	22	14	15	557	0.26	10	20	6440	< 10	>10000
R2 1375	201	202	2.33	465	97	< 0.01	349	1430	14	16	9	228	0.10	< 10	< 10	3720	< 10	4220
R2 1400	201	202	0.30	100	96	< 0.01	317	500	12	8	5	83	0.13	< 10	< 10	2060	< 10	702
R2 1425	201	202	0.77	250	198	< 0.01	1050	1780	18	6	13	243	0.17	< 10	< 10	3430	< 10	3500
R2 1450	201	202	1.30	205	178	< 0.01	713	1480	22	8	11	323	0.12	< 10	< 10	4400	< 10	3150
R2 1475	201	202	1.42	105	115	< 0.01	501	1330	16	10	9	194	0.05	< 10	< 10	3070	< 10	4350
R2 1500	201	202	0.65	165	85	< 0.01	398	1850	22	2	6	248	0.03	10	< 10	1550	< 10	858
R2 1525	201	202	1.00	235	73	0.03	256	530	10	4	7	98	0.05	< 10	< 10	780	< 10	516
R2 1550	201	202	3.87	390	67	< 0.01	589	310	6	6	10	43	0.03	< 10	< 10	834	< 10	1830
R2 1575	201	202	1.39	175	80	0.01	375	430	8	8	5	99	0.05	< 10	< 10	677	< 10	976
R2 1600	201	202	0.11	20	112	0.02	44	430	10	8	3	54	0.09	< 10	< 10	550	< 10	92
R2 1625	201	202	0.06	10	173	0.04	26	680	30	16	3	108	0.01	< 10	10	577	< 10	68
R2 1650	201	202	1.77	200	119	0.03	269	820	16	12	6	140	0.08	< 10	< 10	1175	< 10	1130
R2 1675	201	202	1.06	135	176	0.08	158	600	26	10	6	109	0.14	< 10	20	1160	< 10	312
R2 1700	201	202	0.14	45	210	0.05	27	540	22	14	3	89	0.12	< 10	10	414	< 10	104
R2 1725	201	202	1.39	260	151	< 0.01	902	1690	14	6	8	164	0.13	< 10	< 10	2040	< 10	2620
R2 1750	201	202	0.36	70	112	< 0.01	381	490	14	4	4	15	0.11	< 10	< 10	1955	< 10	938
R2 1775	201	202	0.07	30	100	0.04	29	510	8	12	3	88	0.13	< 10	10	629	< 10	96
R2 1800	201	202	0.09	15	57	0.01	30	240	10	< 2	1	56	0.01	< 10	10	185	< 10	56
R2 1825	201	202	0.43	120	79	0.01	131	680	16	8	4	95	0.05	< 10	10	1055	< 10	482
R2 1850	201	202	0.99	240	114	< 0.01	426	880	14	8	5	182	< 0.01	< 10	10	1050	< 10	1090
R2 1875	201	202	0.69	85	103	< 0.01	364	1370	10	2	7	187	0.12	< 10	< 10	1995	< 10	848
R2 1900	201	202	0.59	50	120	< 0.01	441	1150	12	6	8	145	0.10	< 10	< 10	2730	< 10	4280
R2 1925	201	202	0.60	85	105	< 0.01	347	970	10	8	6	76	0.12	< 10	< 10	2870	< 10	2240
R2 1950	201	202	1.25	275	114	< 0.01	620	1260	14	4	6	126	0.10	< 10	< 10	1770	< 10	1990
R2 1975	201	202	1.22	445	65	0.01	576	1070	12	8	8	145	0.05	< 10	< 10	821	< 10	1210
R2 2000	201	202	1.23	190	164	0.07	164	1860	22	20	15	399	0.04	< 10	30	2240	< 10	1515
R2 2025	201	202	0.27	35	176	0.06	42	1730	20	10	5	301	0.05	< 10	20	847	< 10	112
R2 2050	201	202	0.08	30	214	0.07	23	1850	26	12	4	213	0.03	< 10	20	888	< 10	80
R2 2075	201	202	0.08	15	45	0.05	14	3290	24	8	< 1	187	< 0.01	< 10	< 10	269	< 10	52

CERTIFICATION Stewart Bachler

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To EQUITY ENGINEERING LTD.
207 - 675 W HASTINGS ST
VANCOUVER, BC
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Project BLK 96-04
Comments: ATTN D A CAULFIELD

Page Number :5-A
Total Pages :13
Certificate Date: 29-JUL-96
Invoice No :19625011
P.O Number
Account :EIA

CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
R2 2100	201	202	6	< 5	6	1.2	1.12	30	800	0.5	< 2	0.18	4.0	4	55	54	1.35	< 10	< 1	0.11	10
R2 2125	201	202	4	< 5	4	1.6	1.40	64	1100	0.5	2	0.38	8.5	55	121	83	7.37	< 10	< 1	0.13	10
R2 2150	201	202	2	< 5	2	0.2	0.91	8	680	0.5	2	0.18	0.5	24	12	50	6.81	< 10	< 1	0.29	30
R2 2175	201	202	< 2	< 5	2	1.0	2.02	30	1420	0.5	< 2	0.57	3.0	66	206	75	8.26	< 10	< 1	0.23	10
R2 2200	201	202	6	< 5	2	0.2	1.36	22	760	0.5	< 2	0.45	1.5	33	73	93	5.83	< 10	< 1	0.31	30
R2 2225	201	202	6	< 5	2	0.4	1.03	8	430	0.5	< 2	0.49	1.5	16	24	48	3.08	< 10	< 1	0.12	10
R2 2250	201	202	6	< 5	2	< 0.2	1.33	16	440	0.5	2	0.38	< 0.5	17	32	31	4.17	< 10	< 1	0.12	20
R2 2275	201	202	2	< 5	2	< 0.2	1.25	18	600	0.5	< 2	0.31	< 0.5	14	24	28	3.65	< 10	< 1	0.11	10
R2 2300	201	202	8	< 5	4	0.8	1.04	16	550	0.5	< 2	0.60	1.5	20	18	83	5.01	< 10	< 1	0.17	30
R2 2325	201	202	4	< 5	2	0.4	1.06	18	630	0.5	< 2	0.59	0.5	28	34	73	6.08	< 10	< 1	0.24	40
R2 2350	201	202	12	< 5	4	0.8	1.08	22	670	0.5	< 2	0.79	0.5	16	24	74	4.62	< 10	< 1	0.16	20
R3 0000	201	202	< 2	< 5	< 2	< 0.2	3.06	24	390	0.5	< 2	0.32	< 0.5	41	235	57	7.07	10	< 1	0.11	10
R3 0025	201	202	< 6	< 15	< 6	< 0.2	1.03	< 2	150	< 0.5	< 2	0.12	< 0.5	16	63	19	2.34	< 10	< 1	0.04	< 10
R3 0050	201	202	2	< 5	< 2	< 0.2	2.40	8	250	0.5	< 2	0.14	< 0.5	25	136	41	5.81	10	< 1	0.10	10
R3 0075	201	202	4	< 5	4	0.4	2.16	10	210	0.5	2	0.20	< 0.5	29	54	69	5.16	< 10	< 1	0.16	10
R3 0100	201	202	4	< 5	2	0.2	1.88	14	160	0.5	< 2	0.28	< 0.5	23	60	53	4.29	< 10	< 1	0.11	10
R3 0125	201	202	4	< 5	2	0.4	2.75	14	230	0.5	< 2	0.50	< 0.5	32	136	68	5.44	< 10	< 1	0.16	10
R3 0150	201	202	4	< 5	2	0.2	2.67	20	290	0.5	< 2	0.39	< 0.5	30	134	66	5.56	< 10	< 1	0.19	10
R3 0175	201	202	4	< 5	2	0.6	2.11	14	260	0.5	< 2	0.37	0.5	23	84	63	4.90	< 10	< 1	0.19	10
R3 0200	201	202	4	< 5	2	0.2	1.97	16	310	0.5	< 2	0.36	0.5	24	66	59	5.23	< 10	< 1	0.18	20
R3 0225	201	202	4	< 5	2	0.6	1.69	22	530	0.5	< 2	0.23	1.0	18	57	44	4.17	< 10	< 1	0.17	10
R3 0250	201	202	8	< 10	12	3.0	2.00	48	290	0.5	2	0.34	5.0	10	105	123	4.88	< 10	< 1	0.35	10
R3 0275	201	202	< 4	< 10	4	0.4	0.88	42	380	< 0.5	< 2	0.11	1.5	9	29	58	3.33	< 10	< 1	0.16	10
R3 0300	201	202	8	5	24	2.2	1.66	60	950	1.5	2	0.85	10.0	16	296	176	3.40	< 10	< 1	0.21	30
R3 0325	201	202	4	< 10	6	1.4	1.58	74	580	1.0	< 2	0.88	32.5	39	50	185	4.88	< 10	< 1	0.25	10
R3 0350	201	202	4	< 5	8	0.6	1.60	26	450	< 0.5	< 2	0.11	2.0	12	45	48	3.36	< 10	< 1	0.13	10
R3 0375	201	202	2	< 5	2	1.0	1.62	18	500	< 0.5	< 2	0.31	0.5	8	53	28	2.51	< 10	1	0.09	10
R3 0400	201	202	< 2	< 5	< 2	0.2	1.55	6	260	< 0.5	< 2	0.04	< 0.5	6	37	22	2.52	< 10	1	0.09	10
R3 0425	201	202	2	< 5	2	0.6	2.01	10	350	< 0.5	< 2	0.24	0.5	18	60	22	3.03	< 10	< 1	0.10	10
R3 0450	201	202	2	< 5	< 2	0.2	2.49	26	470	0.5	< 2	0.43	2.5	19	97	43	4.51	< 10	< 1	0.23	20
R3 0475	201	202	< 2	< 5	< 2	< 0.2	2.27	16	380	< 0.5	< 2	0.17	1.5	17	83	35	4.89	10	< 1	0.21	20
R3 0500	201	202	2	< 5	< 2	0.2	1.97	16	280	0.5	< 2	0.18	0.5	18	54	47	4.21	< 10	< 1	0.19	10
R3 0525	201	202	2	< 5	2	0.8	2.47	8	270	0.5	< 2	0.26	0.5	12	76	37	3.79	< 10	< 1	0.24	20
R3 0550	201	202	2	< 5	< 2	< 0.2	2.04	18	210	0.5	< 2	0.31	0.5	32	58	44	4.21	< 10	< 1	0.21	10
R3 0575	201	202	2	< 5	< 2	0.6	2.31	6	340	0.5	2	0.39	< 0.5	16	56	27	2.74	< 10	< 1	0.18	10
R3 0600	201	202	< 2	< 5	< 2	< 0.2	2.00	10	340	< 0.5	< 2	0.27	< 0.5	13	65	21	2.88	< 10	< 1	0.16	10
R3 0625	201	202	< 2	< 5	< 2	0.6	1.69	16	330	< 0.5	< 2	0.09	0.5	7	55	23	2.72	< 10	< 1	0.18	10
R3 0650	201	202	< 2	< 5	4	3.6	1.28	10	750	0.5	< 2	0.20	3.0	3	47	37	2.10	< 10	< 1	0.18	10
R3 0675	201	202	< 2	< 5	4	2.8	1.22	14	680	0.5	< 2	0.30	1.5	5	50	49	2.61	< 10	< 1	0.21	10
R3 0700	201	202	< 2	< 5	2	0.6	1.98	20	380	0.5	< 2	0.24	1.5	16	66	41	3.95	< 10	< 1	0.18	10

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SAMPLE	PREP CODE		Mg %	Mn ppm	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
R2 2100	201	202	0.20	65	28	0.01	53	1050	18	4	1	98	0.02	< 10	< 10	409	< 10	148
R2 2125	201	202	0.32	770	21	0.02	374	1350	18	10	11	137	0.02	< 10	< 10	211	< 10	674
R2 2150	201	202	0.18	335	6	0.03	62	990	24	< 2	9	94	< 0.01	< 10	< 10	23	< 10	162
R2 2175	201	202	0.59	825	12	0.03	485	1540	16	8	11	198	< 0.01	< 10	< 10	135	< 10	530
R2 2200	201	202	0.34	410	15	0.01	194	1470	24	< 2	11	61	0.01	< 10	< 10	99	< 10	384
R2 2225	201	202	0.34	285	7	< 0.01	64	1000	14	4	7	45	0.01	< 10	< 10	65	< 10	220
R2 2250	201	202	0.35	380	15	0.01	55	910	16	2	4	37	0.01	< 10	< 10	119	< 10	236
R2 2275	201	202	0.26	260	4	< 0.01	28	970	18	< 2	4	22	0.01	< 10	< 10	66	< 10	134
R2 2300	201	202	0.20	270	7	0.01	55	1380	22	< 2	9	54	< 0.01	< 10	< 10	34	< 10	172
R2 2325	201	202	0.20	415	7	0.01	91	2200	24	2	10	74	0.01	< 10	< 10	44	< 10	212
R2 2350	201	202	0.25	235	7	0.01	49	1450	20	2	5	61	0.01	< 10	< 10	63	< 10	168
R3 0000	201	202	2.22	900	1	< 0.01	108	760	26	< 2	10	27	0.27	< 10	< 10	138	< 10	116
R3 0025	201	202	0.63	320	1	< 0.01	42	320	12	4	3	9	0.08	< 10	< 10	43	< 10	50
R3 0050	201	202	1.29	610	1	< 0.01	62	690	22	< 2	5	14	0.16	< 10	< 10	118	< 10	100
R3 0075	201	202	0.95	790	3	0.01	67	1070	40	< 2	4	23	0.03	< 10	< 10	49	< 10	164
R3 0100	201	202	0.95	470	2	0.01	71	940	26	< 2	5	27	0.04	< 10	< 10	47	< 10	130
R3 0125	201	202	1.79	580	1	0.01	118	1130	26	6	10	49	0.08	< 10	< 10	86	< 10	134
R3 0150	201	202	1.60	660	2	0.02	116	1300	24	4	9	53	0.08	< 10	< 10	81	< 10	142
R3 0175	201	202	1.26	335	3	0.01	86	960	30	2	8	35	0.06	< 10	< 10	62	< 10	178
R3 0200	201	202	0.98	545	3	0.04	79	1280	26	< 2	7	67	0.04	< 10	< 10	67	< 10	208
R3 0225	201	202	0.71	405	20	0.03	71	970	18	2	5	85	0.04	< 10	< 10	139	< 10	250
R3 0250	201	202	0.46	365	38	0.06	167	2980	20	< 2	8	200	0.03	< 10	< 10	298	< 10	862
R3 0275	201	202	0.25	160	65	0.03	131	950	16	2	3	117	0.03	< 10	< 10	233	< 10	436
R3 0300	201	202	0.53	285	31	0.01	388	4350	18	4	7	83	0.02	< 10	< 10	490	< 10	1465
R3 0325	201	202	0.64	890	138	0.04	597	1220	18	16	9	173	0.01	10	< 10	553	< 10	3830
R3 0350	201	202	0.28	440	42	0.01	68	1070	18	< 2	1	46	0.02	< 10	< 10	270	< 10	392
R3 0375	201	202	0.48	155	20	< 0.01	51	910	10	8	2	33	0.02	< 10	< 10	187	< 10	288
R3 0400	201	202	0.25	110	10	< 0.01	26	720	16	< 2	1	8	0.01	< 10	< 10	182	< 10	88
R3 0425	201	202	0.80	450	12	< 0.01	41	860	14	< 2	3	22	0.03	< 10	< 10	104	< 10	178
R3 0450	201	202	1.25	325	12	< 0.01	91	1190	18	< 2	6	43	0.03	< 10	< 10	114	< 10	366
R3 0475	201	202	0.81	425	6	< 0.01	43	850	22	4	4	12	0.03	< 10	< 10	178	< 10	110
R3 0500	201	202	0.79	460	3	< 0.01	47	810	24	< 2	4	14	0.03	< 10	< 10	108	< 10	156
R3 0525	201	202	1.11	205	4	< 0.01	56	1100	20	2	6	21	0.01	< 10	< 10	75	< 10	164
R3 0550	201	202	0.88	1070	2	< 0.01	61	970	28	< 2	4	21	0.04	< 10	< 10	79	< 10	204
R3 0575	201	202	0.70	175	4	0.01	36	1120	18	2	5	23	0.02	< 10	< 10	78	< 10	116
R3 0600	201	202	0.67	405	3	< 0.01	37	700	12	< 2	4	19	0.03	< 10	< 10	124	< 10	112
R3 0625	201	202	0.39	160	9	< 0.01	30	820	18	4	1	15	0.01	< 10	< 10	269	< 10	206
R3 0650	201	202	0.19	40	7	< 0.01	28	2710	18	6	1	31	0.01	< 10	< 10	347	< 10	188
R3 0675	201	202	0.13	75	10	0.01	45	3730	20	12	1	63	< 0.01	< 10	< 10	337	< 10	254
R3 0700	201	202	0.56	450	4	0.01	47	1920	16	2	3	34	0.02	< 10	< 10	126	< 10	170

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 : BLK 96-04
Comments ATTN. D A CAULFIELD

Page Number 6-A
Total Pages 13
Certificate Date 29-JUL-96
Invoice No I9625011
P O Number
Account EIA

CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
R3 0725	201	202	6	< 5	8	2.8	1.12	16	690	0.5	< 2	0.68	3.5	9	47	105	3.47	< 10	< 1	0.24	20
R3 0750	201	202	2	< 5	< 2	< 0.2	2.45	24	200	0.5	< 2	0.30	< 0.5	27	65	36	4.65	< 10	< 1	0.16	10
R3 0775	201	202	6	< 5	2	< 0.2	1.85	22	320	0.5	< 2	0.46	< 0.5	12	53	35	3.36	< 10	< 1	0.12	20
R3 0800	201	202	2	< 5	2	2.0	1.34	16	1060	0.5	< 2	1.82	7.5	27	38	71	6.38	< 10	< 1	0.12	10
R3 0825	201	202	4	< 5	4	4.2	1.36	22	720	1.0	< 2	1.86	20.0	10	35	66	4.85	< 10	< 1	0.14	10
R3 0850	201	202	2	< 5	2	0.4	1.47	16	500	0.5	< 2	0.56	< 0.5	7	34	32	2.58	< 10	< 1	0.09	10
R3 0875	201	202	6	< 5	4	2.6	1.05	26	820	1.0	< 2	1.41	4.0	10	27	69	3.68	< 10	< 1	0.14	10
R3 0900	201	202	< 2	< 5	< 2	1.4	1.40	12	100	0.5	< 2	0.79	2.0	28	46	71	7.67	< 10	< 1	0.39	10
R3 0925	201	202	4	< 5	4	4.8	1.16	30	1130	1.0	< 2	0.89	18.0	47	35	109	5.11	< 10	< 1	0.23	10
R3 0950	201	202	4	< 5	4	4.6	1.15	22	440	0.5	< 2	0.44	14.5	10	28	72	2.23	< 10	< 1	0.13	10
R3 0975	201	202	4	< 5	6	2.8	1.56	22	790	1.5	< 2	2.32	19.5	17	55	67	6.51	< 10	< 1	0.15	10
R3 1000	201	202	6	< 5	8	14.2	1.00	22	780	0.5	< 2	2.63	39.0	14	23	121	2.88	< 10	1	0.16	10
R3 1025	201	202	4	< 5	4	1.0	1.40	14	440	0.5	< 2	0.22	1.5	3	37	35	1.38	< 10	< 1	0.09	10
R3 1050	201	202	< 2	< 5	< 2	< 0.2	1.49	12	860	0.5	< 2	0.36	< 0.5	30	110	62	6.59	< 10	< 1	0.17	10
R3 1075	201	202	6	< 5	6	7.2	1.26	30	360	1.5	< 2	0.92	23.5	12	40	95	2.31	< 10	< 1	0.19	10
R3 1100	201	202	6	< 5	6	6.2	1.24	30	420	1.5	< 2	0.91	25.5	9	38	99	2.17	< 10	1	0.18	10
R3 1125	201	202	2	< 5	4	1.0	1.57	24	500	1.0	< 2	0.72	1.5	6	44	45	3.69	< 10	< 1	0.10	10
R3 1150	201	202	4	< 5	2	2.6	2.00	24	920	1.0	< 2	0.53	3.0	51	120	105	6.31	< 10	< 1	0.18	10
R3 1175	201	202	2	< 5	4	1.6	1.30	22	460	1.0	< 2	0.35	7.0	5	41	54	1.72	< 10	< 1	0.15	20
R3 1200	201	202	10	5	14	3.8	1.71	34	420	3.0	< 2	4.25	3.5	10	123	235	2.87	< 10	1	0.39	40
R3 1225	201	202	4	< 5	6	3.0	1.09	14	450	1.0	< 2	0.73	12.0	6	33	63	1.15	< 10	< 1	0.13	10
R3 1250	201	202	2	< 5	2	1.0	2.37	22	720	0.5	< 2	2.32	2.0	48	99	91	7.26	< 10	< 1	0.20	10
R3 1275	201	202	4	< 5	6	6.0	1.53	22	670	1.0	< 2	0.48	49.5	22	36	98	2.78	< 10	< 1	0.17	20
R3 1300	201	202	4	< 5	4	2.8	1.40	20	750	1.0	< 2	0.77	22.5	17	43	78	6.61	< 10	< 1	0.19	20
R3 1325	201	202	2	< 5	6	2.2	1.30	20	940	1.5	< 2	5.06	14.5	9	42	62	7.22	< 10	< 1	0.17	10
R3 1350	201	202	2	< 5	4	6.2	1.41	24	950	1.5	< 2	1.01	12.5	12	44	65	3.90	< 10	< 1	0.17	20
R3 1375	201	202	< 2	< 5	< 2	0.2	2.27	18	1320	0.5	< 2	1.15	2.5	36	96	82	6.33	< 10	< 1	0.33	10
R3 1400	201	202	4	< 5	4	3.4	1.32	20	1220	1.0	< 2	2.48	11.0	17	43	64	6.46	< 10	< 1	0.13	10
R3 1425	201	202	4	< 5	6	4.8	0.98	16	940	1.0	< 2	2.75	22.0	9	30	76	4.53	< 10	< 1	0.12	20
R3 1450	201	202	< 2	< 5	4	1.6	1.65	18	1300	1.0	< 2	1.30	7.0	21	56	65	7.79	< 10	< 1	0.18	20
R3 1475	201	202	< 2	< 5	< 2	0.6	2.55	24	930	0.5	< 2	0.73	1.5	36	126	59	6.32	< 10	< 1	0.15	10
R3 1500	201	202	4	< 5	2	2.2	0.94	20	730	0.5	< 2	0.49	17.5	92	54	179	9.51	< 10	< 1	0.27	10
R3 1525	201	202	2	< 5	2	1.4	2.77	26	1180	1.0	< 2	0.50	4.0	41	46	77	6.55	< 10	< 1	0.15	10
R3 1550	201	202	< 2	< 5	2	0.8	2.85	26	840	0.5	< 2	1.13	1.5	53	148	79	7.85	< 10	< 1	0.20	10
R3 1575	201	202	< 2	< 5	< 2	0.2	1.41	14	600	< 0.5	< 2	2.00	< 0.5	72	106	70	6.39	< 10	< 1	0.28	10
R3 1600	201	202	< 2	< 5	< 2	< 0.2	1.57	12	900	0.5	< 2	0.58	< 0.5	47	71	87	7.73	< 10	1	0.18	10
R3 1625	201	202	2	< 5	4	1.2	1.39	28	330	< 0.5	< 2	0.07	0.5	8	43	57	2.55	< 10	< 1	0.12	30
R3 1650	201	202	< 2	< 5	< 2	< 0.2	1.95	18	1000	0.5	< 2	0.46	< 0.5	45	74	77	6.26	< 10	< 1	0.14	10
R3 1675	201	202	< 2	< 5	< 2	< 0.2	2.59	20	1540	0.5	< 2	0.57	< 0.5	37	102	62	7.01	< 10	< 1	0.22	10
R3 1700	201	202	8	< 5	8	8.2	0.87	30	110	0.5	< 2	2.43	19.5	14	41	83	9.45	< 10	< 1	0.32	10

CERTIFICATION _____

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British Columbia, Canada V7J 2C1
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To EQUITY ENGINEERING LTD

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

Project BLK 96-04
Comments ATTN: D A CAULFIELD

Certificate Date 29-JUL-96
Invoice No I9625011
P O Number
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CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Mg %	Mn ppm	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
R3 0725	201	202	0.28	210	7	0.01	72	3950	14	2	3	149	0.01	< 10	< 10	87	< 10	400
R3 0750	201	202	0.93	805	4	< 0.01	55	1200	20	< 2	5	27	0.06	< 10	< 10	73	< 10	128
R3 0775	201	202	0.83	395	3	< 0.01	45	1000	12	< 2	6	33	0.08	< 10	< 10	77	< 10	110
R3 0800	201	202	0.24	1035	9	< 0.01	124	1210	14	< 2	9	62	0.01	< 10	< 10	181	< 10	442
R3 0825	201	202	0.43	875	16	< 0.01	96	1310	20	2	4	61	0.02	< 10	< 10	423	< 10	676
R3 0850	201	202	0.34	155	4	< 0.01	37	1790	8	< 2	3	46	0.01	< 10	< 10	95	< 10	198
R3 0875	201	202	0.65	155	28	< 0.01	111	1390	22	6	6	79	0.01	< 10	< 10	174	< 10	288
R3 0900	201	202	0.10	600	4	0.11	83	1140	12	< 2	19	98	< 0.01	< 10	< 10	73	< 10	148
R3 0925	201	202	0.20	535	16	0.01	234	1780	16	6	10	90	< 0.01	< 10	< 10	217	< 10	796
R3 0950	201	202	0.18	165	22	< 0.01	136	1130	30	4	3	24	< 0.01	< 10	< 10	528	< 10	880
R3 0975	201	202	0.74	1100	16	< 0.01	162	990	10	2	7	68	0.01	< 10	< 10	740	< 10	784
R3 1000	201	202	0.16	555	28	< 0.01	163	1040	42	4	4	78	< 0.01	< 10	< 10	313	< 10	1165
R3 1025	201	202	0.23	40	1	< 0.01	24	1140	12	< 2	3	25	0.01	< 10	< 10	192	< 10	210
R3 1050	201	202	0.27	290	3	< 0.01	128	1020	4	< 2	16	19	0.01	< 10	< 10	104	< 10	194
R3 1075	201	202	0.53	175	21	< 0.01	186	2390	30	2	4	47	0.01	< 10	< 10	567	< 10	1450
R3 1100	201	202	0.53	140	22	< 0.01	179	1800	30	2	4	44	0.01	< 10	< 10	628	< 10	1005
R3 1125	201	202	0.36	70	6	< 0.01	53	2220	10	2	4	43	0.02	< 10	10	265	< 10	284
R3 1150	201	202	0.41	705	7	< 0.01	296	1030	8	< 2	19	29	0.01	< 10	< 10	256	< 10	388
R3 1175	201	202	0.34	80	13	< 0.01	85	1100	32	2	2	20	0.01	< 10	< 10	614	< 10	500
R3 1200	201	202	1.27	145	12	< 0.01	368	>10000	14	10	9	272	0.01	< 10	< 10	974	< 10	1120
R3 1225	201	202	0.39	30	2	< 0.01	93	1100	26	2	4	33	< 0.01	< 10	< 10	475	< 10	538
R3 1250	201	202	2.07	600	3	< 0.01	170	1480	6	< 2	15	137	0.05	< 10	< 10	137	< 10	300
R3 1275	201	202	0.50	245	18	< 0.01	234	1020	22	2	5	32	< 0.01	< 10	< 10	588	< 10	1810
R3 1300	201	202	0.39	320	18	< 0.01	130	1260	18	2	8	35	< 0.01	< 10	< 10	747	< 10	860
R3 1325	201	202	1.66	1270	11	< 0.01	106	2240	12	2	4	128	0.01	< 10	< 10	647	< 10	644
R3 1350	201	202	0.26	305	20	< 0.01	111	2080	28	4	4	44	0.01	< 10	< 10	703	< 10	668
R3 1375	201	202	0.42	905	4	< 0.01	101	1310	6	< 2	18	34	0.01	< 10	< 10	178	< 10	282
R3 1400	201	202	1.04	825	14	< 0.01	138	1520	16	2	7	89	0.01	< 10	< 10	478	< 10	776
R3 1425	201	202	0.34	1145	16	< 0.01	121	3010	20	2	6	89	< 0.01	< 10	< 10	396	< 10	784
R3 1450	201	202	0.17	960	10	0.01	103	4320	12	< 2	9	72	< 0.01	< 10	< 10	306	< 10	518
R3 1475	201	202	0.28	780	5	< 0.01	170	1180	6	2	12	36	< 0.01	< 10	< 10	172	< 10	214
R3 1500	201	202	0.12	975	7	< 0.01	502	1120	12	2	31	32	< 0.01	< 10	< 10	78	< 10	702
R3 1525	201	202	0.20	450	11	< 0.01	178	880	14	2	11	37	< 0.01	< 10	< 10	340	< 10	596
R3 1550	201	202	1.04	925	4	< 0.01	222	820	6	< 2	19	65	0.02	< 10	< 10	174	< 10	194
R3 1575	201	202	1.66	470	1	< 0.01	419	920	< 2	< 2	14	188	< 0.01	< 10	< 10	54	< 10	330
R3 1600	201	202	0.63	690	1	< 0.01	109	970	2	< 2	29	57	< 0.01	< 10	< 10	88	< 10	126
R3 1625	201	202	0.14	40	28	< 0.01	91	620	22	6	1	8	< 0.01	< 10	< 10	907	< 10	472
R3 1650	201	202	0.54	675	3	< 0.01	104	590	2	< 2	19	28	< 0.01	< 10	< 10	97	< 10	126
R3 1675	201	202	1.00	625	2	< 0.01	85	890	2	< 2	15	25	< 0.01	< 10	< 10	116	< 10	116
R3 1700	201	202	0.60	645	14	0.12	143	2850	24	6	6	126	< 0.01	< 10	< 10	287	< 10	968

CERTIFICATION Ian Bichler

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SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
R3 1725	201	202	2	< 5	< 2	0.6	1.86	18	1290	0.5	< 2	1.21	2.5	58	97	102	6.99	< 10	< 1	0.40	10
R3 1750	201	202	2	< 5	4	3.8	1.50	28	780	0.5	< 2	1.64	17.5	38	93	105	6.48	< 10	< 1	0.21	10
R3 1775	201	202	< 2	< 5	2	1.6	1.56	22	620	0.5	< 2	1.71	5.5	25	87	68	4.79	< 10	< 1	0.16	10
R3 1800	201	202	< 4	< 10	< 4	0.6	1.89	24	540	0.5	< 2	0.81	2.5	37	106	52	4.35	< 10	< 1	0.20	10
R3 1825	201	202	< 2	< 5	< 2	< 0.2	1.28	16	270	0.5	< 2	1.04	< 0.5	4	35	31	1.88	< 10	< 1	0.07	20
R3 1850	201	202	< 2	< 5	2	< 0.2	1.35	18	400	0.5	< 2	1.20	< 0.5	6	37	65	1.72	< 10	< 1	0.09	20
R3 1875	201	202	< 2	< 5	< 2	< 0.2	0.76	14	260	< 0.5	< 2	0.17	< 0.5	6	26	45	1.90	< 10	< 1	0.03	10
R3 1900	201	202	6	< 5	8	2.6	1.29	26	490	0.5	< 2	3.30	1.5	7	50	133	1.93	< 10	< 1	0.12	30
R3 1925	201	202	< 2	< 5	< 2	0.2	0.84	12	290	< 0.5	< 2	1.08	< 0.5	1	22	23	1.03	< 10	< 1	0.03	10
R3 1950	201	202	< 2	< 5	2	0.6	1.12	14	430	0.5	< 2	0.71	0.5	5	26	41	1.86	< 10	< 1	0.05	10
R3 1975	201	202	< 2	< 5	< 2	0.6	1.06	20	350	0.5	< 2	0.81	0.5	8	32	37	1.95	< 10	< 1	0.07	10
R3 2000	201	202	< 2	< 5	2	1.2	0.95	28	410	0.5	< 2	1.01	0.5	8	39	66	2.23	< 10	< 1	0.08	30
R3 2025	201	202	4	< 5	6	2.4	1.08	46	520	1.0	< 2	1.89	3.5	11	60	122	2.82	< 10	< 1	0.13	30
R3 2050	201	202	2	< 5	6	1.8	1.00	28	450	1.0	< 2	2.38	4.0	8	65	109	1.97	< 10	< 1	0.13	30
R3 2075	201	202	< 2	< 5	< 2	0.8	1.01	30	220	< 0.5	< 2	0.10	0.5	3	88	26	1.99	< 10	< 1	0.10	20
R3 2100	201	202	< 2	< 5	8	2.6	1.17	54	640	1.5	< 2	2.07	9.5	19	58	148	4.60	< 10	< 1	0.21	40
R3 2125	201	202	4	< 5	2	0.6	0.58	34	420	2.0	< 2	5.17	3.5	18	15	98	2.54	< 10	< 1	0.10	30
R3 2150	201	202	2	< 5	2	3.4	1.31	24	520	1.0	< 2	0.67	3.5	4	44	51	1.91	< 10	< 1	0.18	20
R3 2175	201	202	< 6	< 15	< 6	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
R3 2200	201	202	< 2	< 5	4	1.2	1.77	68	650	0.5	< 2	0.14	4.0	14	88	83	3.85	< 10	< 1	0.19	10
R3 2225	201	202	2	< 5	24	5.0	1.07	96	1330	1.0	< 2	7.09	65.0	11	181	295	1.87	< 10	2	0.30	30
R3 2250	201	202	10	5	48	17.8	1.60	154	2020	2.5	< 2	6.70	>100.0	14	313	574	1.89	10	5	0.52	50
R3 2275	201	202	2	< 5	10	7.6	1.09	92	610	0.5	< 2	3.48	76.0	6	186	177	1.37	< 10	1	0.25	30
R3 2300	201	202	< 2	< 5	< 2	0.4	1.15	28	380	0.5	< 2	0.91	3.0	16	29	61	4.55	< 10	< 1	0.20	30
R3 2325	201	202	< 4	< 10	< 4	< 0.2	0.52	4	290	< 0.5	< 2	3.09	0.5	3	8	22	0.83	< 10	< 1	0.03	< 10
R3 2350	201	202	< 4	< 10	< 4	< 0.2	0.76	8	300	< 0.5	< 2	2.59	< 0.5	8	12	30	2.05	< 10	< 1	0.13	10
R3 2375	201	202	4	< 10	4	< 0.2	0.70	8	340	0.5	< 2	1.82	< 0.5	6	10	22	2.82	< 10	< 1	0.09	20
R3 2400	201	202	8	< 5	4	0.2	1.12	18	350	0.5	< 2	0.42	0.5	20	28	92	5.05	< 10	< 1	0.24	30
R3 2425	201	202	4	< 5	2	< 0.2	0.77	12	270	0.5	< 2	0.57	< 0.5	20	13	53	4.15	< 10	< 1	0.20	20
R3 2450	201	202	2	< 5	< 2	0.2	0.91	16	310	< 0.5	< 2	0.55	< 0.5	11	14	37	3.18	< 10	< 1	0.11	10
R3 2475	201	202	4	< 5	2	< 0.2	1.17	18	280	0.5	< 2	0.96	< 0.5	15	15	42	4.34	< 10	< 1	0.24	30
R3 2500	201	202	2	< 5	< 2	< 0.2	1.29	16	370	0.5	< 2	1.15	< 0.5	13	18	38	3.47	< 10	< 1	0.25	20
R3 2525	201	202	2	< 5	2	< 0.2	1.48	18	360	0.5	< 2	0.84	< 0.5	7	21	21	2.89	< 10	< 1	0.26	30
R3 2550	201	202	< 4	< 10	< 4	< 0.2	0.87	10	320	< 0.5	< 2	2.32	< 0.5	5	15	32	1.98	< 10	< 1	0.14	10
R3 2575	201	202	< 4	< 10	< 4	< 0.2	0.91	12	330	< 0.5	< 2	1.71	< 0.5	8	14	24	2.64	< 10	< 1	0.11	10
R3 2600	201	202	2	< 5	< 2	< 0.2	0.59	8	300	0.5	< 2	1.59	< 0.5	11	8	21	3.18	< 10	< 1	0.15	10
R4 0000	201	202	< 6	< 15	< 6	< 0.2	4.09	38	180	0.5	< 2	2.49	< 0.5	70	463	88	7.27	< 10	< 1	0.06	30
R4 0025	201	202	2	< 5	2	< 0.2	1.06	18	180	< 0.5	< 2	0.91	< 0.5	66	99	105	11.45	< 10	< 1	0.15	10
R4 0050	201	202	2	< 5	2	0.8	1.59	26	390	0.5	< 2	1.08	< 0.5	48	163	86	8.13	< 10	< 1	0.16	30
R4 0075	201	202	< 4	< 10	4	0.8	1.32	22	340	0.5	< 2	1.24	< 0.5	45	143	72	7.63	< 10	< 1	0.14	10

CERTIFICATION

Chemex Labs Ltd.

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

Project BLK 96-04
Comments ATTN D A CAULFIELD

Page Number 7-B
Total Pages .13
Certificate Date 29-JUL-96
Invoice No I9625011
P O Number
Account EIA

CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Mg %	Mn ppm	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
R3 1725	201	202	0.48	1095	5	< 0.01	201	1350	2	< 2	25	70	0.01	< 10	< 10	110	< 10	256
R3 1750	201	202	0.86	620	15	< 0.01	244	1290	20	2	16	67	0.01	< 10	< 10	255	< 10	814
R3 1775	201	202	0.65	510	10	< 0.01	147	1530	14	< 2	11	52	0.01	< 10	< 10	280	< 10	444
R3 1800	201	202	0.47	440	7	< 0.01	128	1930	10	< 2	12	34	0.01	< 10	< 10	264	< 10	320
R3 1825	201	202	0.23	45	1	< 0.01	30	3700	6	< 2	3	46	0.02	< 10	< 10	127	< 10	130
R3 1850	201	202	0.39	70	2	< 0.01	72	3320	6	< 2	4	49	0.01	< 10	10	88	< 10	238
R3 1875	201	202	0.06	25	5	< 0.01	56	1840	8	< 2	< 1	10	< 0.01	< 10	< 10	98	< 10	192
R3 1900	201	202	0.23	145	7	< 0.01	204	>10000	6	2	1	135	0.01	< 10	10	277	< 10	708
R3 1925	201	202	0.14	40	1	< 0.01	17	2150	4	< 2	< 1	47	< 0.01	< 10	< 10	70	< 10	86
R3 1950	201	202	0.20	80	1	< 0.01	40	2340	6	< 2	1	39	0.01	< 10	< 10	90	< 10	156
R3 1975	201	202	0.26	190	4	< 0.01	48	3220	6	2	1	49	0.01	< 10	< 10	157	< 10	268
R3 2000	201	202	0.23	135	4	< 0.01	83	4100	4	8	3	61	0.01	< 10	< 10	132	< 10	336
R3 2025	201	202	0.32	175	10	< 0.01	193	6960	8	18	4	111	0.03	< 10	10	277	< 10	842
R3 2050	201	202	0.20	120	8	< 0.01	130	5790	8	6	1	118	0.01	< 10	10	375	< 10	702
R3 2075	201	202	0.12	55	9	< 0.01	23	810	16	6	1	36	0.04	< 10	< 10	820	< 10	110
R3 2100	201	202	0.11	405	10	< 0.01	255	8480	278	22	8	168	< 0.01	< 10	10	148	< 10	1530
R3 2125	201	202	0.17	530	18	< 0.01	249	5350	24	8	6	360	< 0.01	< 10	< 10	117	< 10	638
R3 2150	201	202	0.33	80	12	< 0.01	64	1660	66	2	3	60	0.01	< 10	10	718	< 10	610
R3 2175	201	202	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
R3 2200	201	202	0.28	240	117	< 0.01	410	880	60	8	4	54	0.02	< 10	< 10	1270	< 10	1220
R3 2225	201	202	0.92	215	181	< 0.01	711	1330	18	8	9	739	0.13	10	10	3930	< 10	8550
R3 2250	201	202	0.73	335	181	< 0.01	886	3480	24	26	11	627	0.09	10	20	8240	40	>10000
R3 2275	201	202	0.59	210	107	< 0.01	309	2400	12	20	7	390	0.02	< 10	10	3720	< 10	5630
R3 2300	201	202	0.47	380	15	< 0.01	69	870	18	2	7	36	< 0.01	< 10	< 10	217	< 10	438
R3 2325	201	202	0.11	140	1	< 0.01	15	1140	2	< 2	1	74	0.01	< 10	< 10	29	< 10	30
R3 2350	201	202	0.28	235	4	< 0.01	22	1160	6	< 2	3	63	< 0.01	< 10	< 10	52	< 10	74
R3 2375	201	202	0.20	580	2	< 0.01	16	1220	6	< 2	3	53	< 0.01	< 10	< 10	21	< 10	40
R3 2400	201	202	0.28	300	8	< 0.01	48	2130	30	2	4	43	< 0.01	< 10	< 10	49	< 10	196
R3 2425	201	202	0.18	290	6	< 0.01	43	1140	16	< 2	6	35	< 0.01	< 10	< 10	25	< 10	170
R3 2450	201	202	0.11	135	6	< 0.01	31	860	10	< 2	4	22	< 0.01	< 10	< 10	44	< 10	104
R3 2475	201	202	0.42	415	6	< 0.01	37	1260	16	< 2	6	31	< 0.01	< 10	< 10	22	< 10	96
R3 2500	201	202	0.50	190	4	< 0.01	30	920	12	< 2	8	31	< 0.01	< 10	< 10	32	< 10	106
R3 2525	201	202	0.47	135	3	< 0.01	18	910	14	< 2	5	23	< 0.01	< 10	< 10	40	< 10	82
R3 2550	201	202	0.33	135	2	< 0.01	20	1020	8	< 2	3	55	0.01	< 10	< 10	43	< 10	86
R3 2575	201	202	0.32	235	3	< 0.01	18	780	10	< 2	4	44	0.01	< 10	< 10	32	< 10	76
R3 2600	201	202	0.20	290	3	< 0.01	19	1040	12	< 2	5	40	< 0.01	< 10	< 10	19	< 10	106
R4 0000	201	202	5.86	1600	1	< 0.01	426	1470	4	< 2	26	206	0.01	< 10	< 10	131	< 10	68
R4 0025	201	202	0.86	1330	3	< 0.01	282	2020	18	2	18	181	< 0.01	< 10	< 10	50	< 10	66
R4 0050	201	202	1.22	1035	3	0.01	237	1370	16	2	15	224	< 0.01	< 10	< 10	65	< 10	72
R4 0075	201	202	1.00	725	4	< 0.01	231	1520	16	2	13	202	< 0.01	< 10	< 10	70	< 10	110

CERTIFICATION:

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 . BLK 96-04
Comments· ATTN D A CAULFIELD

Page Number 8-A
Total Pages 13
Certificate Date 29-JUL-96
Invoice No I9625011
P O. Number .
Account ·EIA

CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
R4 0100	201	202	4	< 10	4	0.2	1.98	18	420	0.5	< 2	1.31	< 0.5	25	201	46	3.89	< 10	< 1	0.12	10
R4 0125	201	202	4	< 5	2	0.4	1.29	18	1270	< 0.5	< 2	0.27	< 0.5	10	142	25	3.06	< 10	< 1	0.11	10
R4 0150	201	202	6	< 5	6	1.2	1.04	40	590	0.5	< 2	0.08	6.5	6	57	83	3.03	< 10	< 1	0.19	10
R4 0175	201	202	6	< 5	4	1.2	1.14	42	1320	0.5	< 2	0.48	8.0	9	56	95	2.65	< 10	< 1	0.15	20
R4 0200	201	202	8	< 5	4	1.2	1.27	44	1260	1.5	< 2	0.55	13.5	9	91	118	2.54	< 10	< 1	0.17	30
R4 0225	201	202	8	< 5	22	6.8	1.49	88	1730	2.5	2	1.32	73.0	12	297	257	2.85	10	< 1	0.26	40
R4 0250	201	202	4	< 5	6	1.4	0.94	38	800	1.5	< 2	0.90	22.0	8	109	76	1.89	< 10	< 1	0.15	30
R4 0275	201	202	6	< 5	6	1.8	1.03	42	780	1.5	< 2	0.92	30.0	9	114	100	2.27	< 10	< 1	0.15	30
R4 0300	201	202	6	< 5	16	3.4	1.03	62	2260	1.5	< 2	1.03	36.5	5	202	176	2.02	< 10	< 1	0.15	20
R4 0325	201	202	6	5	18	4.6	1.23	94	1840	2.0	< 2	0.35	20.0	3	228	228	3.06	< 10	1	0.28	40
R4 0350	201	202	4	< 5	8	2.8	0.85	48	1410	1.0	< 2	0.17	14.0	2	159	96	2.33	< 10	< 1	0.14	30
R4 0375	201	202	4	< 5	6	2.0	1.54	50	760	0.5	< 2	0.42	20.0	21	97	101	3.03	< 10	< 1	0.11	20
R4 0400	201	202	2	< 5	2	0.2	1.24	26	600	< 0.5	< 2	0.12	0.5	10	76	37	3.41	< 10	< 1	0.12	10
R4 0425	201	202	4	< 5	2	0.2	1.84	32	930	0.5	< 2	0.31	2.5	19	113	59	4.61	< 10	< 1	0.14	20
R4 0450	201	202	2	< 5	4	4.2	0.99	24	1070	0.5	< 2	0.71	14.5	10	47	66	2.71	< 10	< 1	0.26	10
R4 0475	201	202	4	< 5	8	6.8	1.20	28	720	0.5	< 2	0.85	6.5	12	56	102	3.58	< 10	< 1	0.30	10
R4 0500	201	202	4	< 5	6	4.2	1.72	36	1060	0.5	< 2	0.51	6.5	12	63	86	4.34	< 10	< 1	0.24	10
R4 0525	201	202	2	< 5	4	6.2	1.49	32	620	0.5	< 2	0.19	1.5	6	50	49	3.37	< 10	< 1	0.15	10
R4 0550	201	202	6	< 5	6	12.0	2.44	102	1040	1.5	< 2	1.28	25.5	14	97	226	9.09	< 10	1	0.27	20
R4 0575	201	202	4	< 5	4	3.8	1.42	42	850	0.5	< 2	0.95	3.5	10	56	71	3.83	< 10	< 1	0.22	20
R4 0600	201	202	4	< 5	2	< 0.2	2.11	18	940	0.5	< 2	0.76	0.5	28	106	61	4.64	< 10	< 1	0.13	10
R4 0625	201	202	4	< 5	4	2.6	1.27	32	470	1.5	< 2	0.25	13.5	8	44	81	2.43	< 10	< 1	0.20	20
R4 0650	201	202	4	< 10	4	3.6	0.77	14	640	0.5	< 2	2.12	8.0	15	28	56	3.31	< 10	< 1	0.08	10
R4 0675	201	202	6	< 5	8	4.4	0.95	32	380	1.5	< 2	0.80	32.5	14	39	126	2.67	< 10	< 1	0.22	20
R4 0700	201	202	8	< 5	10	8.6	1.16	58	420	1.5	< 2	0.23	10.0	5	59	170	3.30	< 10	< 1	0.09	30
R5 0000	201	202	2	< 5	2	0.2	2.80	28	230	0.5	< 2	0.50	< 0.5	38	171	76	5.57	< 10	< 1	0.13	10
R5 0025	201	202	2	< 5	2	0.4	3.17	32	220	0.5	< 2	0.38	< 0.5	54	192	83	6.19	< 10	< 1	0.14	10
R5 0050	201	202	2	< 5	2	0.2	2.23	24	370	0.5	< 2	0.72	< 0.5	37	121	67	6.61	< 10	< 1	0.24	20
R5 0075	201	202	4	< 5	2	0.2	1.84	26	330	0.5	< 2	0.49	< 0.5	29	111	59	4.89	< 10	< 1	0.23	10
R5 0100	201	202	8	< 10	4	0.4	1.82	20	1070	0.5	< 2	1.27	0.5	17	103	50	3.21	< 10	< 1	0.17	10
R5 0125	201	202	2	< 5	< 2	< 0.2	1.67	22	540	0.5	< 2	0.57	< 0.5	26	87	56	4.37	< 10	< 1	0.21	20
R5 0150	201	202	4	< 5	2	0.2	2.16	24	350	0.5	< 2	0.59	< 0.5	24	129	59	4.32	< 10	< 1	0.16	20
R5 0175	201	202	4	< 5	2	0.2	2.02	24	370	0.5	< 2	0.53	< 0.5	22	115	52	4.30	< 10	< 1	0.14	20
R5 0200	201	202	8	< 5	4	0.6	2.11	30	1530	0.5	< 2	0.60	1.5	22	135	74	4.52	< 10	< 1	0.16	20
R5 0225	201	202	4	< 5	4	0.8	2.32	34	1040	0.5	< 2	0.79	13.5	24	157	84	4.86	< 10	< 1	0.15	20
R5 0250	201	202	8	< 5	10	2.2	1.47	40	620	0.5	< 2	0.60	8.0	25	122	132	5.10	< 10	< 1	0.23	20
R5 0275	201	202	6	< 5	8	2.4	1.46	34	650	0.5	< 2	0.70	7.0	24	119	123	4.88	< 10	< 1	0.23	10
R5 0300	201	202	4	< 5	12	2.4	1.34	50	1360	1.5	< 2	0.81	16.5	17	167	149	3.35	< 10	< 1	0.21	30
R5 0325	201	202	4	< 5	8	1.2	1.09	62	980	2.5	< 2	3.54	13.5	10	95	158	2.98	< 10	< 1	0.22	30
R5 0350	201	202	4	< 5	6	4.0	1.53	48	1720	1.5	< 2	0.50	34.5	17	72	108	4.27	< 10	< 1	0.33	40

CERTIFICATION: Stuart Bichler

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R4 0100	201	202	1.78	480	3	< 0.01	106	1480	8	< 2	8	140	0.03	< 10	< 10	106	< 10	98
R4 0125	201	202	0.78	300	12	< 0.01	51	1330	14	< 2	3	69	0.03	< 10	< 10	322	< 10	106
R4 0150	201	202	0.18	175	66	< 0.01	94	970	18	6	4	150	0.01	< 10	< 10	470	< 10	560
R4 0175	201	202	0.27	220	66	< 0.01	268	1040	16	6	4	234	0.01	< 10	10	556	< 10	896
R4 0200	201	202	0.49	180	107	< 0.01	529	700	14	2	7	159	0.01	10	10	1380	< 10	2220
R4 0225	201	202	0.65	270	208	< 0.01	930	3730	16	10	11	301	0.17	10	10	5140	< 10	9890
R4 0250	201	202	0.31	140	83	< 0.01	414	1090	10	4	7	143	0.02	< 10	< 10	1595	< 10	2400
R4 0275	201	202	0.33	155	102	< 0.01	478	1000	12	6	6	136	0.02	< 10	10	1945	< 10	3190
R4 0300	201	202	0.56	160	87	< 0.01	456	2210	12	8	9	179	0.11	< 10	10	2930	< 10	4350
R4 0325	201	202	0.39	45	147	< 0.01	163	2610	42	14	2	97	0.08	< 10	10	4320	< 10	1310
R4 0350	201	202	0.16	35	105	< 0.01	140	990	24	12	1	43	0.07	< 10	< 10	2940	< 10	1065
R4 0375	201	202	0.69	700	57	< 0.01	216	1670	12	6	5	60	0.05	< 10	< 10	1375	< 10	1945
R4 0400	201	202	0.41	260	37	< 0.01	59	1410	22	4	< 1	47	0.01	< 10	< 10	486	< 10	214
R4 0425	201	202	0.81	575	37	< 0.01	102	1620	24	2	3	59	0.03	< 10	< 10	574	< 10	372
R4 0450	201	202	0.27	225	21	< 0.01	96	2700	20	8	2	87	0.01	< 10	< 10	576	< 10	962
R4 0475	201	202	0.28	255	22	0.01	102	5340	18	12	3	103	0.02	< 10	< 10	411	< 10	730
R4 0500	201	202	0.32	270	23	0.01	105	4620	20	10	< 1	99	< 0.01	< 10	10	496	< 10	712
R4 0525	201	202	0.24	110	24	< 0.01	58	1860	20	6	< 1	34	< 0.01	< 10	< 10	513	< 10	392
R4 0550	201	202	1.03	410	44	< 0.01	318	8570	26	18	7	205	0.03	< 10	20	647	< 10	2960
R4 0575	201	202	0.43	210	24	< 0.01	110	5240	18	10	3	90	0.03	< 10	10	357	< 10	856
R4 0600	201	202	0.48	315	4	< 0.01	112	1150	4	< 2	12	27	0.01	< 10	< 10	150	< 10	226
R4 0625	201	202	0.37	100	22	< 0.01	105	1200	28	4	3	16	0.01	< 10	< 10	767	< 10	674
R4 0650	201	202	0.08	2010	13	< 0.01	107	1220	16	2	4	50	< 0.01	< 10	< 10	280	< 10	342
R4 0675	201	202	0.39	305	31	< 0.01	202	3160	32	6	3	41	0.01	< 10	< 10	556	< 10	1225
R4 0700	201	202	0.09	55	30	< 0.01	124	2490	36	10	< 1	35	< 0.01	< 10	10	588	< 10	612
R5 0000	201	202	2.14	1060	2	< 0.01	114	1420	22	< 2	9	46	0.06	< 10	< 10	99	< 10	130
R5 0025	201	202	2.18	1950	4	< 0.01	148	1570	28	< 2	12	37	0.04	< 10	< 10	105	< 10	144
R5 0050	201	202	1.47	975	4	0.04	128	1740	22	< 2	11	115	0.03	< 10	< 10	160	< 10	132
R5 0075	201	202	1.37	600	3	0.01	98	1230	16	< 2	8	74	0.05	< 10	< 10	71	< 10	90
R5 0100	201	202	1.19	480	3	< 0.01	82	1310	12	< 2	8	92	0.05	< 10	< 10	132	< 10	190
R5 0125	201	202	0.94	590	5	< 0.01	89	1200	16	< 2	8	67	0.03	< 10	< 10	80	< 10	98
R5 0150	201	202	1.54	585	3	< 0.01	84	1280	14	< 2	8	51	0.09	< 10	< 10	96	< 10	108
R5 0175	201	202	1.46	605	3	< 0.01	85	1290	14	< 2	7	53	0.09	< 10	< 10	93	< 10	116
R5 0200	201	202	1.50	535	9	< 0.01	105	1560	16	< 2	8	106	0.08	< 10	< 10	207	< 10	312
R5 0225	201	202	1.67	655	12	< 0.01	135	1370	18	< 2	9	103	0.08	< 10	< 10	344	< 10	946
R5 0250	201	202	0.67	570	29	< 0.01	167	1970	22	6	10	215	0.02	< 10	10	522	< 10	718
R5 0275	201	202	0.69	575	25	< 0.01	162	2090	20	4	9	216	0.02	< 10	10	493	< 10	712
R5 0300	201	202	0.90	370	62	< 0.01	377	1620	18	6	9	153	0.03	< 10	10	1685	< 10	1795
R5 0325	201	202	0.84	165	110	< 0.01	400	950	18	6	6	332	0.02	< 10	10	1680	< 10	2040
R5 0350	201	202	0.56	460	38	< 0.01	267	1250	24	22	7	66	0.01	< 10	10	999	< 10	2750

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
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V6B 1N2

Project BLK 96-04
Comments: ATTN D A CAULFIELD

Page Number 9-A
Total Pages 13
Certificate Date 29-JUL-96
Invoice No. I9625011
P O. Number .
Account EIA

CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
R5 0375	201	202	4	< 5	2	4.6	1.70	20	470	< 0.5	< 2	0.19	3.0	6	41	36	3.22	< 10	< 1	0.11	10
R5 0400	201	202	4	< 10	6	6.8	1.56	26	630	0.5	< 2	0.24	2.5	5	50	71	4.50	< 10	< 1	0.20	10
R5 0425	201	202	4	< 5	8	5.0	1.52	18	630	1.5	< 2	0.16	5.0	4	55	104	3.71	< 10	< 1	0.41	20
R5 0450	201	202	8	< 5	8	7.8	2.24	38	840	1.5	< 2	5.13	40.5	17	64	172	4.59	< 10	1	0.47	10
R5 0475	201	202	2	< 5	4	4.0	2.06	24	470	0.5	< 2	0.51	7.0	13	50	71	3.88	< 10	< 1	0.23	10
R5 0500	201	202	2	< 5	2	1.6	1.42	14	210	< 0.5	< 2	0.07	0.5	4	40	22	2.13	< 10	< 1	0.12	10
R5 0525	201	202	4	< 5	6	2.2	1.69	28	440	0.5	< 2	0.47	4.0	11	54	82	3.17	< 10	< 1	0.26	10
R5 0550	201	202	4	< 5	6	0.2	1.43	20	690	2.0	< 2	1.91	4.0	17	45	177	3.21	< 10	< 1	0.27	40
R5 0575	201	202	< 4	< 10	< 4	2.6	0.76	18	730	0.5	< 2	12.50	4.0	7	17	60	1.73	< 10	< 1	0.14	< 10
R5 0600	201	202	4	< 5	6	1.2	1.55	14	510	1.0	< 2	1.43	3.0	9	55	93	2.66	< 10	< 1	0.25	20
R6 0000	201	202	4	< 10	4	1.0	2.52	18	290	0.5	< 2	0.51	0.5	36	108	85	5.52	< 10	< 1	0.19	20
R6 0025	201	202	< 4	< 10	< 4	0.6	2.56	12	350	0.5	< 2	0.44	0.5	36	128	70	5.44	< 10	< 1	0.17	10
R6 0050	201	202	< 4	< 10	< 4	0.8	2.46	18	380	0.5	< 2	0.41	< 0.5	30	97	70	5.19	< 10	< 1	0.20	20
R6 0075	201	202	4	< 10	< 4	0.2	2.10	14	330	0.5	< 2	0.36	< 0.5	29	99	57	4.86	< 10	< 1	0.17	10
R6 0100	201	202	4	< 10	4	0.4	0.96	18	360	< 0.5	< 2	1.22	0.5	23	67	78	5.39	< 10	< 1	0.14	10
R6 0125	201	202	4	< 10	4	0.6	1.21	24	440	0.5	< 2	1.05	0.5	27	80	71	6.25	< 10	< 1	0.18	20
R6 0150	201	202	4	< 5	2	1.2	1.22	38	470	0.5	< 2	0.45	4.0	20	50	63	3.51	< 10	< 1	0.18	10
R6 0175	201	202	4	< 10	4	1.2	1.09	26	630	0.5	< 2	0.95	4.5	27	96	86	5.40	< 10	< 1	0.14	10
R6 0200	201	202	4	< 10	8	2.2	1.24	24	970	0.5	< 2	0.74	4.5	16	80	84	3.02	< 10	< 1	0.14	10
R6 0225	201	202	4	< 10	4	2.0	1.32	26	1250	0.5	< 2	0.29	1.5	7	84	60	2.51	< 10	< 1	0.13	10
R6 0250	201	202	4	< 5	2	0.8	1.77	30	270	< 0.5	< 2	0.12	0.5	7	50	39	3.32	< 10	< 1	0.09	10
R6 0275	201	202	12	< 5	20	2.2	1.26	62	350	0.5	< 2	0.03	1.5	6	61	97	6.01	< 10	< 1	0.32	10
R6 0300	201	202	12	< 10	12	2.0	1.52	60	1060	1.5	< 2	0.56	13.0	11	88	204	4.48	< 10	< 1	0.17	20
R6 0325	201	202	8	< 10	8	2.6	1.88	60	1510	1.5	< 2	0.39	15.0	25	112	141	3.44	< 10	< 1	0.15	30
R6 0350	201	202	4	< 10	12	5.0	1.86	94	1840	2.0	< 2	0.43	64.0	27	278	235	2.75	< 10	< 1	0.22	30
R6 0375	201	202	10	5	28	13.4	2.03	124	5250	2.0	< 2	0.59	50.5	5	272	284	3.16	< 10	2	0.24	30
R6 0400	201	202	4	< 10	12	7.8	1.75	64	3140	2.0	< 2	0.80	67.0	5	225	232	1.99	< 10	< 1	0.23	40
R6 0425	201	202	4	< 5	8	2.8	1.21	60	2670	1.5	< 2	0.41	30.0	5	179	121	2.28	< 10	< 1	0.16	30
R6 0450	201	202	4	< 5	10	1.2	1.65	60	3380	1.5	< 2	0.23	27.5	7	197	157	2.45	< 10	< 1	0.16	40
R6 0475	201	202	2	< 5	6	2.8	1.42	56	2080	2.0	< 2	0.57	26.5	7	146	123	2.38	< 10	< 1	0.16	40
R6 0500	201	202	2	< 5	6	1.6	1.22	38	1720	1.5	< 2	0.41	39.5	6	91	105	2.35	< 10	< 1	0.15	30
R6 0525	201	202	2	< 5	4	3.2	1.09	28	630	0.5	< 2	0.30	18.5	7	40	64	2.28	< 10	< 1	0.21	10
R6 0550	201	202	< 4	< 10	8	1.4	1.51	20	1750	1.5	< 2	3.64	11.5	10	43	99	3.51	< 10	< 1	0.18	20
R6 0575	201	202	< 2	< 5	2	2.0	1.96	12	980	0.5	< 2	1.00	13.5	29	66	73	4.68	< 10	< 1	0.23	10
R6 0600	201	202	< 4	< 10	4	2.6	1.53	14	450	1.5	< 2	2.31	12.0	8	58	71	2.01	< 10	1	0.27	20
R6 0625	201	202	4	< 10	4	3.4	1.49	20	520	1.5	< 2	2.62	9.5	9	57	74	2.64	< 10	< 1	0.18	20
R7 0000	201	202	4	< 10	4	2.2	1.27	22	870	< 0.5	< 2	0.17	0.5	3	58	33	2.49	< 10	< 1	0.11	10
R7 0025	201	202	< 4	< 10	4	3.8	0.94	30	600	< 0.5	< 2	0.06	0.5	2	48	35	1.88	< 10	< 1	0.10	10
R7 0050	201	202	4	< 5	6	2.6	1.00	28	340	< 0.5	< 2	0.03	0.5	1	71	55	2.49	< 10	< 1	0.33	10
R7 0075	201	202	< 4	< 10	< 4	2.0	1.74	20	630	< 0.5	< 2	0.13	0.5	6	47	70	2.55	< 10	< 1	0.07	10

CERTIFICATION Ian Pitcher

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: EQUITY ENGINEERING LTD

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

Project BLK 96-04
Comments ATTN D A CAULFIELD

Certificate Date 29-JUL-96
Invoice No. I9625011
P.O. Number
Account EIA

CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Mg %	Mn ppm	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
R5 0375	201	202	0.29	145	12	0.01	46	2730	16	4	2	48	0.03	< 10	< 10	303	< 10	248
R5 0400	201	202	0.14	70	16	0.04	56	4740	16	10	1	89	< 0.01	< 10	< 10	328	< 10	296
R5 0425	201	202	0.44	85	30	0.03	54	2460	28	6	3	81	0.02	< 10	< 10	553	< 10	330
R5 0450	201	202	2.21	390	34	0.04	204	1800	28	6	7	217	0.01	< 10	< 10	1130	< 10	1675
R5 0475	201	202	0.53	290	14	0.01	102	2630	14	6	4	82	0.05	< 10	< 10	328	< 10	882
R5 0500	201	202	0.14	95	12	< 0.01	38	810	14	2	< 1	12	0.02	< 10	< 10	399	< 10	190
R5 0525	201	202	0.24	245	16	0.01	97	4040	14	10	1	50	0.02	< 10	< 10	417	< 10	642
R5 0550	201	202	0.62	215	15	0.01	244	8640	8	2	6	113	0.01	< 10	< 10	181	< 10	758
R5 0575	201	202	6.70	450	12	0.03	126	1320	6	2	3	427	< 0.01	< 10	< 10	128	< 10	550
R5 0600	201	202	0.89	225	8	0.01	124	4450	8	2	5	95	0.01	< 10	< 10	150	< 10	498
R6 0000	201	202	1.43	1050	1	0.01	100	1200	40	< 2	10	42	< 0.01	< 10	< 10	62	< 10	150
R6 0025	201	202	1.53	1015	2	0.01	97	1260	34	< 2	9	35	0.01	< 10	< 10	77	< 10	142
R6 0050	201	202	1.17	825	1	0.01	87	1350	38	< 2	8	37	0.01	< 10	< 10	61	< 10	134
R6 0075	201	202	0.94	850	3	0.01	71	1840	34	< 2	5	30	0.01	< 10	< 10	73	< 10	120
R6 0100	201	202	0.41	460	4	0.05	106	1630	20	< 2	10	161	0.01	< 10	< 10	51	< 10	130
R6 0125	201	202	0.45	675	4	0.07	107	2210	18	2	10	244	0.01	< 10	< 10	59	< 10	138
R6 0150	201	202	0.61	240	31	0.02	231	870	14	2	7	104	0.02	< 10	< 10	342	< 10	820
R6 0175	201	202	0.35	750	13	0.02	152	1860	16	2	10	150	< 0.01	< 10	< 10	155	< 10	274
R6 0200	201	202	0.42	525	21	0.01	92	1750	14	2	6	124	0.01	< 10	< 10	284	< 10	280
R6 0225	201	202	0.37	270	24	0.01	72	1690	14	2	4	112	0.03	< 10	< 10	410	< 10	324
R6 0250	201	202	0.41	205	13	0.01	34	670	12	2	3	48	0.05	< 10	< 10	379	< 10	110
R6 0275	201	202	0.17	205	123	0.04	69	1400	28	14	7	180	0.02	10	< 10	692	< 10	318
R6 0300	201	202	0.23	200	162	0.01	514	2240	22	6	9	185	0.01	< 10	10	1545	< 10	1630
R6 0325	201	202	0.23	800	117	< 0.01	429	2050	22	8	7	136	0.10	10	10	1965	< 10	1320
R6 0350	201	202	0.50	905	126	< 0.01	369	2650	28	10	8	99	0.12	20	10	5510	< 10	2350
R6 0375	201	202	0.64	165	107	< 0.01	418	2630	22	14	12	134	0.15	10	20	5220	< 10	4570
R6 0400	201	202	0.60	115	63	< 0.01	264	1880	18	8	7	125	0.09	10	10	3900	< 10	2520
R6 0425	201	202	0.56	115	76	< 0.01	185	1240	18	8	4	62	0.08	< 10	< 10	2570	< 10	1480
R6 0450	201	202	0.66	185	68	< 0.01	198	1250	18	8	5	40	0.06	< 10	10	2710	< 10	1540
R6 0475	201	202	0.76	110	76	< 0.01	267	1000	16	8	6	53	0.09	< 10	10	2150	< 10	2230
R6 0500	201	202	0.70	140	75	< 0.01	240	710	16	10	7	47	0.05	< 10	20	1200	< 10	1410
R6 0525	201	202	0.31	115	20	0.01	83	1800	24	12	2	80	0.01	< 10	< 10	500	< 10	1130
R6 0550	201	202	1.67	490	12	0.01	135	3760	10	2	3	164	0.01	< 10	< 10	150	< 10	792
R6 0575	201	202	0.42	545	9	0.01	145	1210	12	< 2	14	42	< 0.01	< 10	< 10	251	< 10	848
R6 0600	201	202	0.77	205	7	0.01	110	4990	12	2	6	98	0.02	< 10	< 10	486	< 10	708
R6 0625	201	202	0.56	430	9	0.01	144	4900	14	< 2	6	86	0.02	< 10	< 10	520	< 10	640
R7 0000	201	202	0.14	90	10	0.01	19	4490	8	4	< 1	56	< 0.01	< 10	< 10	121	< 10	78
R7 0025	201	202	0.07	45	16	0.01	21	1900	8	< 2	< 1	33	< 0.01	< 10	< 10	271	< 10	72
R7 0050	201	202	0.05	50	16	0.03	18	1210	14	2	2	84	0.01	< 10	< 10	253	< 10	74
R7 0075	201	202	0.37	170	9	< 0.01	51	1160	8	2	1	30	0.04	< 10	< 10	307	< 10	186

CERTIFICATION Stewart Bichler

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CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
R7 0100	201	202	< 4	< 10	4	2.6	1.47	42	970	< 0.5	< 2	0.07	1.5	3	75	72	3.00	< 10	< 1	0.12	10
R7 0125	201	202	4	< 10	8	5.0	1.66	46	670	0.5	< 2	0.14	2.5	4	121	127	3.43	< 10	1	0.19	10
R7 0150	201	202	4	< 10	8	1.8	0.88	26	1060	0.5	< 2	0.06	1.5	1	108	78	2.24	< 10	< 1	0.11	10
R7 0175	201	202	< 4	< 10	4	1.4	0.91	24	750	< 0.5	< 2	0.04	0.5	1	52	39	2.11	< 10	< 1	0.06	10
R7 0200	201	202	< 4	< 10	4	2.0	1.22	32	1000	< 0.5	< 2	0.09	1.5	3	77	93	2.93	< 10	< 1	0.11	10
R7 0225	201	202	4	< 10	4	3.2	1.25	32	700	< 0.5	< 2	0.11	2.0	3	83	69	2.82	< 10	< 1	0.19	10
R7 0250	201	202	< 4	< 10	4	2.2	1.61	52	710	0.5	< 2	0.12	2.0	6	105	114	3.61	< 10	< 1	0.23	10
R7 0275	201	202	< 4	< 10	4	2.0	1.37	30	470	< 0.5	< 2	0.16	2.5	5	53	49	2.95	< 10	< 1	0.09	10
R7 0300	201	202	< 4	< 10	< 4	0.8	1.29	32	810	< 0.5	< 2	0.12	2.0	4	63	55	3.21	< 10	< 1	0.15	10
R7 0325	201	202	4	< 10	8	2.8	0.86	78	240	< 0.5	< 2	0.04	2.0	2	57	79	4.05	< 10	< 1	0.33	10
R7 0350	201	202	6	< 5	10	1.6	1.92	96	210	0.5	< 2	0.07	4.0	8	78	171	7.04	< 10	< 1	0.63	< 10
R7 0375	201	202	6	5	16	1.0	2.02	82	200	1.5	< 2	0.28	39.0	18	78	225	5.77	< 10	< 1	0.49	< 10
R7 0400	201	202	6	< 5	6	1.4	1.22	54	630	1.5	< 2	0.90	29.5	19	95	163	3.18	< 10	< 1	0.19	10
R7 0425	201	202	4	< 5	6	0.8	1.02	38	430	1.5	< 2	1.03	13.5	13	87	111	2.43	< 10	< 1	0.18	10
R7 0450	201	202	2	< 5	4	1.0	0.67	44	810	1.5	< 2	0.75	11.0	6	129	82	1.80	< 10	< 1	0.14	10
R7 0475	201	202	10	15	36	12.0	1.36	158	2180	2.0	< 2	2.41	>100.0	6	366	264	1.69	10	3	0.30	30
R7 0500	201	202	12	5	46	18.8	2.07	246	960	3.0	< 2	1.01	>100.0	20	524	559	3.37	10	3	0.41	40
R7 0525	201	202	12	< 5	42	21.4	1.75	162	2380	3.0	< 2	3.66	>100.0	22	473	537	2.44	10	3	0.32	30
R7 0550	201	202	14	5	38	13.4	0.99	172	2030	1.5	< 2	2.27	>100.0	13	381	472	2.81	10	3	0.22	20
R7 0575	201	202	8	5	40	13.4	1.50	176	1350	1.5	< 2	5.85	>100.0	32	355	602	3.87	10	3	0.32	20
R7 0600	201	202	< 2	< 5	8	2.6	1.01	40	960	0.5	< 2	5.53	36.0	6	110	110	0.82	< 10	< 1	0.09	< 10
R7 0625	201	202	4	5	16	7.6	0.90	96	1600	1.5	< 2	7.83	56.0	12	163	186	2.13	< 10	1	0.16	10
R7 0650	201	202	8	10	32	7.8	1.06	98	1230	1.5	< 2	1.45	47.5	12	305	237	2.63	< 10	< 1	0.17	30
R7 0675	201	202	< 2	< 5	< 2	< 0.2	1.34	40	290	1.5	< 2	0.26	1.5	23	14	39	4.52	< 10	< 1	0.21	40
R7 0700	201	202	4	5	16	5.2	1.43	114	810	1.5	< 2	2.72	84.0	12	127	250	2.86	< 10	1	0.30	40
R7 0725	201	202	< 2	< 5	< 2	< 0.2	1.87	20	680	1.5	< 2	1.57	0.5	40	151	82	8.54	< 10	< 1	0.28	90
R7 0750	201	202	4	< 5	2	< 0.2	1.75	62	620	1.0	< 2	0.08	3.5	11	71	114	2.86	< 10	< 1	0.20	20
R7 0775	201	202	8	< 5	6	4.8	2.50	170	890	1.5	< 2	0.07	9.5	14	136	198	4.19	< 10	< 1	0.25	30
R7 0800	201	202	4	< 5	2	0.8	1.44	70	460	0.5	< 2	0.21	28.5	15	60	147	2.44	< 10	< 1	0.18	20
R7 0825	201	202	6	< 5	2	0.8	1.78	48	390	0.5	< 2	0.33	17.5	14	57	102	2.86	< 10	< 1	0.13	20
R7 0850	201	202	8	< 5	2	0.6	2.03	74	500	1.0	< 2	0.20	7.5	13	90	129	3.86	< 10	1	0.21	20
R7 0875	201	202	4	< 5	< 2	0.2	1.90	22	260	< 0.5	< 2	0.26	2.0	8	50	43	2.49	< 10	< 1	0.09	10
R7 0900	201	202	10	< 5	< 2	< 0.2	1.53	14	110	< 0.5	< 2	0.08	< 0.5	5	37	31	2.65	< 10	< 1	0.05	10
R7 0925	201	202	28	< 5	2	0.6	2.37	26	230	0.5	< 2	0.35	1.0	14	52	84	3.80	< 10	< 1	0.21	10
R7 0950	201	202	6	< 5	< 2	0.4	3.21	24	200	0.5	< 2	0.22	< 0.5	10	57	41	3.76	< 10	< 1	0.11	10
R7 0975	201	202	2	< 5	< 2	0.2	2.92	18	390	0.5	< 2	1.32	0.5	10	59	22	3.47	< 10	< 1	0.11	20
R7 1000	201	202	2	< 5	< 2	0.8	2.82	30	260	0.5	< 2	0.36	0.5	12	49	52	3.72	< 10	< 1	0.15	10
R7 1025	201	202	< 2	< 5	< 2	0.2	2.11	20	380	0.5	< 2	1.74	0.5	11	40	23	3.15	< 10	< 1	0.10	10
R7 1050	201	202	< 2	< 5	< 2	< 0.2	1.78	12	220	< 0.5	< 2	0.23	< 0.5	10	39	21	2.65	< 10	< 1	0.05	10
R7 1075	201	202	< 2	< 5	< 2	< 0.2	2.84	12	320	< 0.5	< 2	0.25	0.5	23	63	50	4.59	< 10	< 1	0.07	10

CERTIFICATION Hoult Buchler

Chemex Labs Ltd.

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To EQUITY ENGINEERING LTD

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V6B 1N2

Project BLK 96-04
Comments ATTN. D A CAULFIELD

Certificate Date: 29-JUL-96
Invoice No. I9625011
P O Number
Account EIA

CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Mg %	Mn ppm	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
R7 0100	201	202	0.13	75	23	0.01	56	2110	12	2	< 1	82	0.03	< 10	< 10	443	< 10	206
R7 0125	201	202	0.23	95	36	0.01	99	3120	12	6	1	100	0.03	< 10	< 10	729	< 10	326
R7 0150	201	202	0.10	35	31	0.01	55	1960	12	6	< 1	65	0.01	< 10	< 10	657	< 10	232
R7 0175	201	202	0.05	40	18	< 0.01	25	1560	12	2	< 1	32	< 0.01	< 10	< 10	329	< 10	98
R7 0200	201	202	0.11	55	39	0.01	95	1260	12	6	< 1	67	0.01	< 10	< 10	559	< 10	258
R7 0225	201	202	0.13	80	22	0.01	43	2930	12	2	1	76	0.01	< 10	< 10	405	< 10	170
R7 0250	201	202	0.20	160	54	0.01	98	2710	14	8	1	126	0.02	< 10	< 10	698	< 10	308
R7 0275	201	202	0.29	170	21	0.01	51	1570	10	2	< 1	51	0.02	< 10	< 10	346	< 10	274
R7 0300	201	202	0.14	105	40	0.01	60	1460	12	6	1	89	0.04	< 10	< 10	512	< 10	218
R7 0325	201	202	0.06	35	162	0.03	57	1590	32	18	1	185	0.01	< 10	< 10	1115	< 10	264
R7 0350	201	202	0.66	310	223	0.07	243	1590	22	12	9	209	0.03	10	10	644	< 10	836
R7 0375	201	202	0.59	765	150	0.05	606	1710	24	8	11	231	0.01	10	10	950	< 10	1980
R7 0400	201	202	0.48	305	151	0.02	1070	1740	22	2	8	279	0.01	10	10	1455	< 10	3930
R7 0425	201	202	0.39	175	112	0.02	600	1400	16	< 2	7	318	0.01	< 10	< 10	1540	< 10	2020
R7 0450	201	202	0.34	85	98	< 0.01	438	1140	14	< 2	7	184	0.10	< 10	< 10	2230	< 10	1175
R7 0475	201	202	0.61	120	173	< 0.01	882	2260	26	14	13	280	0.16	10	< 10	9360	< 10	>10000
R7 0500	201	202	0.51	595	301	< 0.01	1395	2680	42	32	19	297	0.16	40	10	>10000	10	>10000
R7 0525	201	202	0.79	520	237	< 0.01	1200	2600	28	26	16	397	0.17	30	< 10	8990	< 10	>10000
R7 0550	201	202	0.51	345	270	< 0.01	796	3000	26	18	15	293	0.18	20	10	5330	< 10	>10000
R7 0575	201	202	0.42	750	260	< 0.01	1240	5570	32	24	14	600	0.12	30	20	4910	< 10	>10000
R7 0600	201	202	1.94	115	53	< 0.01	334	530	4	8	6	751	0.05	< 10	< 10	2840	< 10	4320
R7 0625	201	202	2.77	330	141	< 0.01	926	2800	16	14	8	565	0.10	10	< 10	3330	< 10	7680
R7 0650	201	202	1.04	250	59	< 0.01	561	2190	16	8	11	163	0.05	< 10	< 10	2300	< 10	5200
R7 0675	201	202	0.21	550	8	< 0.01	84	990	18	< 2	7	12	< 0.01	< 10	< 10	35	< 10	202
R7 0700	201	202	0.96	240	174	< 0.01	623	1850	22	22	6	142	0.01	< 10	10	2350	< 10	6250
R7 0725	201	202	0.51	1005	7	< 0.01	201	4860	14	2	20	149	< 0.01	< 10	< 10	118	< 10	162
R7 0750	201	202	1.05	230	160	0.01	489	810	14	4	5	58	0.01	< 10	10	1080	< 10	642
R7 0775	201	202	0.45	235	217	0.01	547	1050	24	16	7	139	0.02	10	20	2390	< 10	926
R7 0800	201	202	0.93	310	119	0.01	608	780	14	10	6	79	0.01	< 10	10	933	< 10	2040
R7 0825	201	202	0.77	470	59	< 0.01	310	1080	14	8	5	37	0.04	< 10	< 10	599	< 10	2070
R7 0850	201	202	0.47	265	169	0.01	471	1110	16	6	6	121	0.04	< 10	10	1390	< 10	1005
R7 0875	201	202	0.57	190	16	< 0.01	99	710	8	2	4	21	0.06	< 10	< 10	407	< 10	638
R7 0900	201	202	0.23	150	6	< 0.01	17	280	10	< 2	2	10	0.06	< 10	< 10	210	< 10	72
R7 0925	201	202	0.69	405	10	0.01	41	1740	14	2	4	44	0.05	< 10	< 10	240	< 10	282
R7 0950	201	202	0.50	270	5	< 0.01	28	1130	14	< 2	4	22	0.06	< 10	< 10	245	< 10	114
R7 0975	201	202	0.55	1140	3	0.01	45	1970	12	< 2	6	49	0.05	< 10	< 10	179	< 10	102
R7 1000	201	202	0.45	250	9	0.01	47	1500	14	< 2	4	21	0.04	< 10	< 10	221	< 10	136
R7 1025	201	202	0.51	970	4	0.01	39	3260	12	< 2	6	55	0.03	< 10	< 10	126	< 10	108
R7 1050	201	202	0.55	230	2	< 0.01	28	690	6	< 2	4	15	0.06	< 10	< 10	102	< 10	102
R7 1075	201	202	1.08	715	3	< 0.01	49	560	8	< 2	6	17	0.13	< 10	< 10	168	< 10	126

CERTIFICATION: Hart Bichler

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Project BLK 96-04
Comments ATTN D A CAULFIELD

Certificate Date. 29-JUL-96
Invoice No I9625011
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Account EIA

CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
R7 1100	201	202	4	< 5	< 2	1.4	1.87	16	340	0.5	< 2	0.16	0.5	14	42	55	3.44	< 10	< 1	0.11	10
R7 1125	201	202	< 4	< 10	< 4	0.4	1.56	12	460	< 0.5	< 2	0.36	0.5	7	38	49	2.60	< 10	< 1	0.09	10
R7 1150	201	202	< 2	< 5	< 2	< 0.2	2.73	18	210	< 0.5	< 2	0.32	< 0.5	15	47	37	4.50	< 10	< 1	0.06	10
R7 1175	201	202	< 2	< 5	< 2	< 0.2	2.67	12	410	< 0.5	< 2	0.20	0.5	13	57	48	5.70	10	< 1	0.05	10
R7 1200	201	202	< 6	< 15	< 6	0.4	0.91	4	160	< 0.5	< 2	1.48	< 0.5	6	31	40	1.55	< 10	< 1	0.04	< 10
R7 1225	201	202	< 4	< 10	< 4	0.6	1.11	10	260	0.5	< 2	2.22	0.5	7	32	52	1.67	< 10	< 1	0.06	10
R7 1250	201	202	2	< 5	< 2	0.6	2.33	8	300	< 0.5	< 2	0.42	0.5	15	57	57	3.05	< 10	< 1	0.06	10
R7 1275	201	202	< 2	< 5	< 2	0.4	1.73	14	350	< 0.5	< 2	0.15	< 0.5	5	52	20	2.11	< 10	< 1	0.15	20
R7 1300	201	202	6	< 5	< 2	0.2	1.33	16	550	0.5	< 2	0.10	< 0.5	4	43	27	2.01	< 10	< 1	0.14	10
R7 1325	201	202	< 2	< 5	< 2	0.6	1.79	20	250	< 0.5	< 2	0.09	< 0.5	6	49	24	3.00	< 10	< 1	0.11	10
R7 1350	201	202	< 2	< 5	< 2	< 0.2	1.50	12	180	< 0.5	< 2	0.10	< 0.5	5	35	15	2.10	< 10	< 1	0.08	10
R7 1375	201	202	< 4	< 10	< 4	0.8	1.10	12	180	< 0.5	< 2	0.12	0.5	4	42	16	1.53	< 10	< 1	0.18	10
R7 1400	201	202	18	< 5	< 4	0.2	2.32	16	260	0.5	< 2	0.15	< 0.5	15	64	80	4.73	< 10	< 1	0.10	10
R7 1425	201	202	< 4	< 10	< 4	0.6	0.50	6	270	< 0.5	< 2	0.17	< 0.5	4	21	31	1.07	< 10	< 1	0.11	10
R7 1450	201	202	< 2	< 5	< 2	< 0.2	1.09	8	190	< 0.5	< 2	0.15	< 0.5	3	33	17	1.52	< 10	< 1	0.10	10
R7 1475	201	202	4	< 5	< 2	0.2	1.82	18	320	< 0.5	< 2	1.01	0.5	16	71	100	3.71	< 10	< 1	0.11	10
R8 0000	201	202	< 4	< 10	< 4	0.2	1.20	12	290	0.5	< 2	0.37	< 0.5	25	32	54	5.79	< 10	< 1	0.23	20
R8 0025	201	202	< 2	< 5	< 2	0.2	1.71	14	290	0.5	< 2	0.28	< 0.5	24	49	53	4.83	< 10	< 1	0.24	30
R8 0050	201	202	< 2	< 5	< 2	0.4	0.83	18	500	0.5	< 2	0.18	1.0	28	45	65	6.21	< 10	< 1	0.24	20
R8 0075	201	202	2	< 5	< 2	0.4	1.88	24	3270	0.5	< 2	0.25	2.5	8	44	33	2.92	< 10	< 1	0.08	10
R8 0100	201	202	2	< 5	< 2	1.0	1.94	34	900	0.5	< 2	0.16	2.0	6	61	42	3.81	< 10	< 1	0.14	10
R8 0125	201	202	< 2	< 5	< 2	1.0	1.66	44	780	0.5	< 2	0.07	2.5	5	78	63	4.88	< 10	< 1	0.19	10
R8 0150	201	202	4	< 5	2	1.8	1.48	58	190	0.5	< 2	0.28	30.5	21	54	118	3.80	< 10	< 1	0.40	10
R8 0175	201	202	10	5	12	2.4	0.90	78	1290	1.5	< 2	3.86	8.5	11	126	176	3.09	< 10	< 1	0.14	10
R8 0200	201	202	10	5	22	8.0	1.07	126	1920	1.5	< 2	4.67	78.5	22	219	278	3.03	10	1	0.23	40
R8 0225	201	202	10	10	34	4.8	1.05	72	1140	1.5	< 2	3.25	45.0	9	297	197	2.43	< 10	1	0.22	30
R8 0250	201	202	8	< 5	12	2.2	0.97	72	840	1.5	< 2	3.56	19.0	8	82	147	3.26	< 10	< 1	0.21	20
R8 0275	201	202	10	< 5	10	2.6	1.05	54	600	0.5	< 2	5.03	17.0	11	47	125	3.34	< 10	1	0.27	20
R8 0300	201	202	12	< 10	12	1.8	1.05	52	800	1.5	< 2	2.09	18.5	8	67	132	2.94	< 10	< 1	0.22	30
R8 0325	201	202	9	< 10	18	1.2	0.98	32	1300	1.0	< 2	0.99	8.5	8	54	71	2.57	< 10	< 1	0.16	20
R8 0350	201	202	4	< 10	4	2.6	1.02	20	1120	0.5	< 2	0.37	8.0	3	55	40	1.77	< 10	< 1	0.18	20
R8 0375	201	202	4	< 10	4	1.0	1.03	20	460	0.5	< 2	0.33	3.0	1	48	35	1.50	< 10	< 1	0.10	10
R8 0400	201	202	4	< 10	4	0.6	0.75	26	430	0.5	< 2	0.34	3.5	12	41	47	2.52	< 10	< 1	0.11	10
R8 0425	201	202	4	< 10	4	1.2	0.74	18	370	< 0.5	< 2	0.40	2.5	5	29	41	1.90	< 10	< 1	0.07	10
R8 0450	201	202	12	< 10	24	8.0	0.94	86	560	0.5	< 2	1.57	12.5	10	53	192	3.15	< 10	1	0.17	30
R8 0475	201	202	8	< 10	12	2.2	1.66	32	310	0.5	< 2	1.60	3.5	28	49	179	4.55	< 10	< 1	0.29	10
R8 0500	201	202	12	< 10	16	3.4	1.19	48	440	0.5	< 2	1.64	7.0	24	41	218	4.44	< 10	< 1	0.26	20
R8 0525	201	202	8	< 10	12	3.2	1.24	34	510	0.5	< 2	1.79	13.0	9	53	126	2.53	< 10	< 1	0.16	20
R9 0000	201	202	4	< 10	< 4	< 0.2	2.98	12	410	0.5	< 2	1.62	0.5	33	173	59	4.71	< 10	< 1	0.12	10
R9 0025	201	202	4	< 10	4	< 0.2	3.13	14	950	0.5	< 2	2.44	< 0.5	39	253	92	6.05	< 10	< 1	0.23	10

CERTIFICATION Ian Pinchbeck

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R7 1100	201	202	0.37	380	7	0.01	46	1070	10	< 2	4	85	0.05	< 10	< 10	128	< 10	142
R7 1125	201	202	0.14	310	4	0.03	39	4320	8	< 2	< 1	43	0.01	< 10	< 10	131	< 10	100
R7 1150	201	202	0.66	325	3	< 0.01	41	380	6	< 2	4	18	0.13	< 10	< 10	139	< 10	82
R7 1175	201	202	0.65	455	6	< 0.01	31	610	4	< 2	5	15	0.18	< 10	< 10	207	< 10	94
R7 1200	201	202	0.34	185	3	0.01	29	1640	< 2	< 2	4	51	0.05	< 10	< 10	56	< 10	38
R7 1225	201	202	0.32	180	12	0.01	52	2680	8	< 2	4	75	0.04	< 10	< 10	127	< 10	104
R7 1250	201	202	1.01	260	5	< 0.01	55	1020	6	< 2	6	34	0.09	< 10	< 10	122	< 10	176
R7 1275	201	202	0.38	215	6	< 0.01	16	700	10	< 2	2	24	0.04	< 10	< 10	182	< 10	60
R7 1300	201	202	0.23	175	5	0.01	14	520	14	< 2	2	20	0.03	< 10	< 10	109	< 10	58
R7 1325	201	202	0.34	230	6	0.01	17	520	10	< 2	3	17	0.04	< 10	< 10	169	< 10	62
R7 1350	201	202	0.23	300	4	< 0.01	13	290	6	< 2	2	13	0.05	< 10	< 10	151	< 10	48
R7 1375	201	202	0.30	155	4	0.01	13	1370	6	< 2	1	21	0.03	< 10	< 10	125	< 10	44
R7 1400	201	202	0.52	705	3	< 0.01	46	870	14	< 2	5	18	0.06	< 10	< 10	158	< 10	180
R7 1425	201	202	0.09	950	4	0.01	13	1030	6	< 2	< 1	17	0.04	< 10	< 10	84	< 10	128
R7 1450	201	202	0.21	135	3	0.01	12	610	10	< 2	1	16	0.04	< 10	< 10	105	< 10	42
R7 1475	201	202	0.98	545	4	0.01	52	1080	8	< 2	5	48	0.04	< 10	< 10	112	< 10	112
R8 0000	201	202	0.33	685	3	0.03	54	1680	28	< 2	6	67	< 0.01	< 10	< 10	31	< 10	60
R8 0025	201	202	0.74	580	1	0.01	70	1170	28	< 2	5	35	< 0.01	< 10	< 10	35	< 10	114
R8 0050	201	202	0.22	450	8	0.03	110	1150	22	< 2	8	97	< 0.01	< 10	< 10	63	< 10	220
R8 0075	201	202	0.47	425	17	0.01	88	920	10	2	4	63	0.05	< 10	< 10	275	< 10	316
R8 0100	201	202	0.29	150	30	0.01	75	1040	14	4	3	109	0.06	< 10	< 10	516	< 10	314
R8 0125	201	202	0.14	85	85	0.01	123	1470	14	6	3	249	0.04	< 10	< 10	836	< 10	622
R8 0150	201	202	0.20	420	93	0.05	253	1050	22	10	6	161	0.01	< 10	< 10	679	< 10	3560
R8 0175	201	202	1.11	150	197	< 0.01	782	1430	16	6	10	633	0.11	10	10	2150	< 10	1155
R8 0200	201	202	0.84	555	226	< 0.01	1080	3370	26	14	12	389	0.14	10	10	3990	< 10	>10000
R8 0225	201	202	1.62	195	70	0.01	472	2900	20	6	10	220	0.03	< 10	< 10	2060	< 10	3950
R8 0250	201	202	1.24	115	148	< 0.01	521	1030	20	6	6	186	0.01	< 10	10	1130	< 10	2540
R8 0275	201	202	1.57	250	125	0.01	392	1040	18	14	5	178	< 0.01	< 10	10	468	< 10	1780
R8 0300	201	202	0.77	140	133	0.01	385	1020	18	8	5	95	0.01	< 10	20	725	< 10	1280
R8 0325	201	202	0.34	145	60	< 0.01	198	1410	14	6	3	57	0.01	< 10	10	472	< 10	972
R8 0350	201	202	0.24	50	29	0.01	66	1590	10	6	1	31	< 0.01	< 10	< 10	490	< 10	416
R8 0375	201	202	0.18	30	10	0.01	31	1730	10	2	< 1	24	< 0.01	< 10	< 10	373	< 10	220
R8 0400	201	202	0.22	315	12	< 0.01	71	2050	16	2	< 1	34	< 0.01	< 10	< 10	285	< 10	362
R8 0425	201	202	0.10	170	12	0.01	54	2660	12	2	< 1	24	< 0.01	< 10	< 10	182	< 10	254
R8 0450	201	202	0.22	760	140	0.01	299	1640	22	18	5	67	0.02	< 10	10	617	< 10	1250
R8 0475	201	202	1.26	495	23	0.01	147	1670	10	2	12	47	0.02	< 10	< 10	176	< 10	448
R8 0500	201	202	0.74	530	48	0.01	192	2620	16	4	10	64	0.04	< 10	< 10	252	< 10	844
R8 0525	201	202	0.42	395	33	0.01	161	3280	14	8	6	68	0.03	< 10	< 10	436	< 10	1270
R9 0000	201	202	1.75	1080	< 1	0.01	125	1520	6	< 2	12	46	0.03	< 10	< 10	114	< 10	106
R9 0025	201	202	2.29	720	< 1	0.01	181	1330	8	< 2	17	90	0.03	< 10	< 10	96	< 10	92

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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To EQUITY ENGINEERING LTD

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Project BLK 96-04
Comments: ATTN D.A CAULFIELD

Page Number : 12-A
Total Pages 13
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Invoice No : I9625011
P.O Number .
Account : EIA

CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
R9 0050	201	202	4	< 5	4	0.2	2.23	14	410	0.5	< 2	1.11	< 0.5	24	45	70	5.15	< 10	< 1	0.30	20
R9 0075	201	202	2	< 5	2	0.4	3.44	14	310	0.5	< 2	0.92	0.5	36	267	94	6.12	< 10	< 1	0.21	30
R9 0100	201	202	2	< 5	2	0.2	3.93	26	470	0.5	< 2	1.49	0.5	48	359	105	7.90	10	< 1	0.17	50
R9 0125	201	202	2	< 5	< 2	0.6	3.27	24	480	0.5	< 2	0.71	0.5	39	210	93	6.79	< 10	< 1	0.29	40
R9 0150	201	202	2	< 5	< 2	0.4	3.51	20	430	0.5	< 2	0.50	0.5	48	176	102	6.96	10	< 1	0.28	30
R9 0175	201	202	6	< 5	8	1.6	0.74	22	270	0.5	< 2	0.50	13.0	25	72	128	5.38	< 10	< 1	0.26	10
R9 0200	201	202	14	< 5	20	4.6	1.29	36	380	1.5	< 2	0.68	18.5	3	158	323	1.17	10	3	0.44	10
R9 0225	201	202	2	< 5	4	0.8	1.32	12	1060	0.5	< 2	0.91	2.0	23	81	87	5.09	< 10	< 1	0.21	30
R9 0250	201	202	2	< 5	4	0.6	1.25	14	780	0.5	< 2	0.86	1.0	21	75	63	4.83	< 10	< 1	0.20	20
R9 0275	201	202	4	< 5	2	0.6	1.58	14	1820	0.5	< 2	0.56	1.0	14	88	53	3.64	< 10	< 1	0.17	20
R9 0300	201	202	8	< 5	6	0.8	0.92	32	1280	1.0	< 2	0.26	2.5	3	78	51	1.72	< 10	< 1	0.16	10
R9 0325	201	202	4	< 5	12	3.0	1.40	80	1310	1.5	< 2	4.22	51.5	17	155	145	2.95	< 10	1	0.31	20
R9 0350	201	202	< 4	< 10	12	2.0	1.08	64	790	1.5	< 2	6.73	23.5	9	252	153	2.36	< 10	< 1	0.19	20
R9 0375	201	202	4	5	12	2.0	1.26	78	550	2.0	< 2	6.76	35.5	9	204	185	2.09	< 10	< 1	0.20	30
R9 0400	201	202	10	10	28	8.8	2.20	162	2640	3.0	< 2	0.87	95.5	18	381	388	5.22	10	3	0.36	40
R9 0425	201	202	4	< 5	8	2.0	0.70	54	530	1.5	< 2	7.65	7.5	14	64	157	3.25	< 10	< 1	0.17	30
R9 0450	201	202	4	< 5	8	2.4	0.90	58	600	1.5	< 2	5.51	10.0	12	63	103	2.77	< 10	< 1	0.21	30
R9 0475	201	202	4	< 5	4	2.6	1.81	48	1910	1.0	< 2	0.22	13.0	12	83	64	3.45	< 10	< 1	0.29	40
R9 0500	201	202	2	< 5	8	4.4	2.13	40	630	1.5	< 2	0.81	29.5	35	85	142	3.76	< 10	< 1	0.50	20
R9 0525	201	202	2	< 5	2	2.6	1.95	28	420	< 0.5	< 2	0.05	1.5	7	46	32	2.78	< 10	< 1	0.14	20
R9 0550	201	202	2	< 5	2	3.4	2.73	22	420	0.5	< 2	0.22	1.5	11	46	23	3.33	< 10	< 1	0.11	10
R9 0575	201	202	4	< 5	2	3.2	2.28	24	380	< 0.5	< 2	0.13	0.5	6	43	27	3.43	< 10	< 1	0.12	10
R9 0600	201	202	2	< 5	6	1.4	1.81	20	920	0.5	< 2	0.70	9.5	17	68	91	4.11	< 10	1	0.35	30
R9 0625	201	202	2	< 5	2	1.0	1.57	10	600	< 0.5	< 2	0.40	1.5	2	40	26	1.14	< 10	< 1	0.12	10
R9 0650	201	202	2	< 5	2	1.4	1.88	12	680	0.5	< 2	0.32	2.5	12	63	32	3.13	< 10	< 1	0.14	10
R9 0675	201	202	2	< 5	2	1.2	1.76	12	550	0.5	< 2	0.27	2.5	9	73	29	3.06	< 10	< 1	0.15	10
R9 0700	201	202	2	< 5	2	0.6	1.18	10	370	0.5	< 2	0.46	2.0	6	35	47	1.85	< 10	< 1	0.08	10
R9 0725	201	202	2	< 5	2	0.4	1.11	12	360	0.5	< 2	0.69	1.0	7	29	38	1.80	< 10	< 1	0.07	10
R9 0750	201	202	2	< 5	4	1.0	1.41	12	470	1.0	< 2	0.62	3.0	7	38	49	1.87	< 10	< 1	0.11	10
R9 0775	201	202	< 4	< 10	4	2.6	1.26	16	420	1.0	< 2	0.67	11.0	2	36	59	1.33	< 10	< 1	0.17	10
R9 0800	201	202	< 4	< 10	4	3.8	1.25	16	500	0.5	< 2	0.62	7.0	2	42	33	1.35	< 10	< 1	0.18	10
R9 0825	201	202	< 4	< 10	< 4	0.8	2.04	18	510	0.5	< 2	0.39	1.5	5	60	25	3.60	< 10	< 1	0.15	10
R9 0850	201	202	< 4	< 10	4	1.4	1.88	16	550	0.5	< 2	0.71	3.0	10	70	33	2.46	< 10	< 1	0.15	10
R9 0875	201	202	4	< 10	4	1.6	1.62	20	490	0.5	< 2	1.14	4.0	13	59	65	3.13	< 10	< 1	0.13	10
R9 0900	201	202	4	< 10	< 4	2.2	1.90	30	500	0.5	< 2	1.11	5.5	16	76	74	3.33	< 10	< 1	0.15	10
R9 0925	201	202	< 4	< 10	4	1.6	1.79	22	420	0.5	< 2	1.16	7.5	21	75	102	3.45	< 10	< 1	0.14	10
R9 0950	201	202	< 4	< 10	4	1.4	1.66	24	370	0.5	< 2	0.71	14.0	10	78	79	1.90	< 10	< 1	0.17	10
R9 0975	201	202	2	< 5	2	1.0	1.74	30	410	0.5	< 2	0.56	6.0	7	76	51	2.16	< 10	< 1	0.15	10
R9 1000	201	202	2	< 5	< 2	0.6	1.62	14	430	0.5	< 2	0.49	4.5	13	42	43	3.03	< 10	< 1	0.12	10
R9 1025	201	202	4	< 5	2	0.8	1.82	16	460	< 0.5	< 2	0.40	2.5	8	40	36	2.41	< 10	< 1	0.14	10

CERTIFICATION Antoni Bichler

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To EQUITY ENGINEERING LTD

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

Project : BLK 96-04
Comments ATTN: D A CAULFIELD

Certificate Date 29-JUL-96
Invoice No. .I9625011
P O Number :
Account .EIA

CERTIFICATE OF ANALYSIS A9625011

SAMPLE	PREP CODE		Mg %	Mn ppm	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
R9 0050	201	202	1.44	450	5	0.04	49	1430	24	< 2	7	64	0.01	< 10	< 10	59	< 10	134
R9 0075	201	202	2.80	985	3	0.02	125	1520	24	< 2	14	75	0.01	< 10	< 10	118	< 10	136
R9 0100	201	202	2.94	1495	6	0.04	180	2530	20	< 2	17	180	0.01	< 10	< 10	193	< 10	174
R9 0125	201	202	2.13	1045	4	0.03	125	1820	26	< 2	12	79	0.01	< 10	< 10	118	< 10	170
R9 0150	201	202	2.17	1185	1	0.03	148	1290	28	< 2	13	52	0.01	< 10	< 10	102	< 10	174
R9 0175	201	202	0.22	570	22	0.06	123	1340	18	2	10	245	< 0.01	< 10	< 10	651	< 10	288
R9 0200	201	202	0.29	80	63	0.01	96	750	20	6	8	396	0.03	< 10	< 10	3700	< 10	326
R9 0225	201	202	0.62	380	7	0.01	111	1370	20	< 2	11	140	< 0.01	< 10	< 10	117	< 10	200
R9 0250	201	202	0.53	445	5	0.02	92	1230	16	< 2	9	123	< 0.01	< 10	< 10	122	< 10	130
R9 0275	201	202	0.78	395	5	0.01	67	1210	14	< 2	8	97	0.04	< 10	< 10	161	< 10	154
R9 0300	201	202	0.12	115	43	0.01	69	1220	20	4	6	207	0.01	< 10	< 10	1075	< 10	292
R9 0325	201	202	1.48	525	111	0.02	641	1400	18	6	8	275	0.03	< 10	10	2610	< 10	5190
R9 0350	201	202	1.76	255	55	0.02	501	2250	12	4	7	338	0.04	< 10	< 10	1515	< 10	2330
R9 0375	201	202	2.00	200	79	0.01	482	1990	18	4	8	368	0.03	< 10	< 10	2330	< 10	2540
R9 0400	201	202	0.94	260	102	< 0.01	776	2060	42	8	20	234	0.16	10	20	4800	< 10	5490
R9 0425	201	202	2.11	160	184	0.01	423	900	20	2	7	377	0.01	< 10	10	465	< 10	1030
R9 0450	201	202	2.60	215	151	0.02	387	1010	18	6	6	228	0.01	< 10	10	434	< 10	874
R9 0475	201	202	0.41	245	56	0.01	152	1050	20	16	5	42	0.02	< 10	10	1020	< 10	1720
R9 0500	201	202	0.28	650	28	0.03	238	9290	26	18	7	137	0.01	< 10	20	864	< 10	1370
R9 0525	201	202	0.17	160	24	< 0.01	55	700	14	6	3	22	0.04	< 10	< 10	469	< 10	382
R9 0550	201	202	0.51	305	8	0.01	45	820	12	2	4	24	0.07	< 10	< 10	217	< 10	388
R9 0575	201	202	0.30	200	11	< 0.01	34	870	14	6	2	23	0.05	< 10	< 10	312	< 10	222
R9 0600	201	202	0.28	610	7	0.02	107	7240	12	6	4	104	0.03	< 10	< 10	256	< 10	970
R9 0625	201	202	0.33	65	1	< 0.01	19	950	8	< 2	3	36	0.04	< 10	< 10	135	< 10	156
R9 0650	201	202	0.32	285	10	< 0.01	46	1440	10	< 2	4	24	0.01	< 10	< 10	331	< 10	268
R9 0675	201	202	0.32	60	9	< 0.01	62	900	14	2	5	16	0.01	< 10	< 10	486	< 10	286
R9 0700	201	202	0.31	80	1	0.01	45	2300	8	< 2	3	28	0.01	< 10	< 10	176	< 10	178
R9 0725	201	202	0.33	195	3	0.01	28	3980	4	< 2	2	40	0.01	< 10	< 10	135	< 10	120
R9 0750	201	202	0.42	145	4	0.01	53	2950	10	< 2	3	42	0.01	< 10	< 10	208	< 10	302
R9 0775	201	202	0.37	30	3	0.01	64	1190	22	< 2	4	31	0.01	< 10	< 10	456	< 10	350
R9 0800	201	202	0.28	60	5	< 0.01	44	1560	18	< 2	2	29	0.01	< 10	< 10	546	< 10	310
R9 0825	201	202	0.35	60	13	< 0.01	36	1460	10	< 2	5	24	0.01	< 10	< 10	363	< 10	184
R9 0850	201	202	0.50	235	9	0.01	60	1920	10	2	4	41	0.03	< 10	< 10	472	< 10	338
R9 0875	201	202	0.38	495	13	0.01	104	2100	10	2	5	52	0.03	< 10	< 10	241	< 10	482
R9 0900	201	202	0.63	560	24	0.01	118	1790	14	2	8	59	0.03	< 10	< 10	443	< 10	664
R9 0925	201	202	0.72	1005	24	0.01	146	1780	10	2	8	47	0.03	< 10	< 10	288	< 10	542
R9 0950	201	202	0.77	140	25	0.01	128	1320	14	6	7	47	0.06	< 10	< 10	898	< 10	1200
R9 0975	201	202	0.65	85	10	0.01	84	1270	14	2	6	36	0.05	< 10	< 10	885	< 10	684
R9 1000	201	202	0.57	170	4	0.01	58	1080	8	2	6	35	0.07	< 10	< 10	200	< 10	276
R9 1025	201	202	0.56	200	12	0.01	51	1010	10	2	6	48	0.08	< 10	< 10	195	< 10	202

CERTIFICATION Hart Bichler

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SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
R9 1050	201	202	2	< 5	< 2	0.2	2.03	26	230	< 0.5	< 2	0.14	0.5	9	33	27	2.99	< 10	< 1	0.08	10
R9 1075	201	202	2	< 5	< 2	0.4	1.63	18	90	< 0.5	< 2	0.08	< 0.5	3	32	12	2.96	< 10	< 1	0.04	10
R9 1100	201	202	< 2	< 5	< 2	0.6	1.76	18	90	< 0.5	< 2	0.08	< 0.5	4	29	10	2.81	< 10	< 1	0.05	10
R9 1125	201	202	2	< 5	2	0.8	2.23	36	200	< 0.5	< 2	0.23	0.5	7	53	28	3.86	< 10	< 1	0.11	10
R9 1150	201	202	2	< 5	4	1.6	1.25	32	370	0.5	< 2	0.27	1.5	1	66	42	1.74	< 10	< 1	0.13	10
R9 1175	201	202	4	< 5	4	1.6	1.29	54	430	< 0.5	< 2	0.08	0.5	3	73	32	3.46	< 10	< 1	0.21	20
R9 1200	201	202	4	< 5	2	1.0	1.96	58	1170	0.5	< 2	0.33	4.0	17	128	106	5.35	< 10	< 1	0.19	10

CERTIFICATION: Ian Bickler

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R9 1050	201	202	0.37	275	18	0.01	28	710	10	4	4	49	0.06	< 10	< 10	152	< 10	116
R9 1075	201	202	0.23	100	7	< 0.01	12	310	12	2	2	11	0.06	< 10	< 10	168	< 10	46
R9 1100	201	202	0.22	150	5	< 0.01	11	340	10	2	2	10	0.07	< 10	< 10	141	< 10	44
R9 1125	201	202	0.44	230	11	0.01	30	1810	12	4	2	51	0.04	< 10	< 10	172	< 10	148
R9 1150	201	202	0.18	45	13	0.01	15	4390	14	2	< 1	79	< 0.01	< 10	10	234	< 10	46
R9 1175	201	202	0.17	90	25	0.04	20	2360	20	2	1	126	0.02	< 10	< 10	285	< 10	96
R9 1200	201	202	0.95	300	33	0.03	132	2410	14	6	5	100	0.05	< 10	10	509	< 10	698

CERTIFICATION Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: EQUITY ENGINEERING LTD

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

A9623238

Comments ATTN D A CAULFIELD

CERTIFICATE A9623238

(EIA) - EQUITY ENGINEERING LTD.

Project BLK96-04
P.O. #

Samples submitted to our lab in Vancouver, BC.
This report was printed on 16-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	30	Geochem ring to approx 150 mesh
226	30	0-3 Kg crush and split
3202	30	Rock - save entire reject
229	30	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
975	30	Au ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
976	30	Pt ppb: ICP-Fluorescence package	FA-ICP-AFS	5	10000
977	30	Pd ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
2118	30	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	30	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	30	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	30	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	30	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	30	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	30	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	30	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	30	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	30	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	30	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	30	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	30	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	30	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	30	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	30	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	30	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	30	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	30	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	30	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	30	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	30	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	30	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	30	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	30	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	30	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	30	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	30	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	30	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	30	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	30	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	30	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9623238

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
3852	205	226	< 4	< 10	< 4	1.6	0.44	52	710	0.5	< 2	6.62	29.0	1	168	85	0.58	< 10	1	0.13	< 10
3853	205	226	< 4	< 10	< 4	0.2	0.10	16	850	< 0.5	< 2	1.52	9.0	< 1	238	128	0.37	< 10	< 1	0.02	< 10
3854	205	226	< 4	< 10	< 4	< 0.2	0.74	16	>10000	< 0.5	< 2	1.75	9.5	< 1	137	338	0.87	< 10	< 1	0.06	< 10
3855	205	226	< 4	< 10	< 4	3.0	0.43	48	330	0.5	< 2	2.78	68.5	1	232	100	0.45	< 10	1	0.11	< 10
3856	205	226	< 4	< 10	4	0.8	6.50	300	50	3.0	< 2	1.04	>100.0	44	230	185	6.65	< 10	3	0.10	< 10
3857	205	226	< 4	< 10	< 4	< 0.2	8.15	10	90	2.5	< 2	0.79	>100.0	42	178	32	6.67	< 10	1	0.08	< 10
3858	205	226	< 4	< 10	< 4	0.6	0.79	16	240	0.5	< 2	1.12	>100.0	20	329	201	3.56	< 10	1	0.05	< 10
3859	205	226	< 4	< 10	< 4	0.2	0.31	6	640	< 0.5	< 2	0.01	2.0	< 1	272	17	0.42	< 10	1	0.09	< 10
3860	205	226	< 4	< 10	< 4	< 0.2	0.94	46	640	0.5	< 2	10.70	25.0	11	91	41	2.28	< 10	1	0.09	< 10
3861	205	226	< 4	< 10	< 4	< 0.2	0.44	24	40	< 0.5	< 2	10.65	8.5	4	49	109	1.21	< 10	1	0.07	< 10
3862	205	226	< 4	< 10	4	1.2	0.31	36	100	< 0.5	< 2	0.14	1.5	< 1	125	17	3.97	< 10	< 1	0.42	< 10
3863	205	226	< 4	< 10	< 4	0.2	1.11	60	220	0.5	< 2	6.86	6.5	7	134	223	6.34	< 10	1	0.13	< 10
3864	205	226	< 4	< 10	< 4	1.2	0.50	88	110	< 0.5	< 2	1.10	1.5	1	111	33	2.83	< 10	1	0.24	< 10
3865	205	226	< 4	< 10	< 4	< 0.2	1.09	52	50	0.5	< 2	7.70	7.5	6	99	243	3.33	< 10	3	0.09	< 10
3866	205	226	< 4	< 10	< 4	0.6	0.30	70	170	< 0.5	< 2	2.66	2.0	1	127	46	1.96	< 10	1	0.12	< 10
44364	205	226	4	< 10	4	3.2	1.15	208	320	0.5	< 2	0.78	2.0	2	159	87	2.42	< 10	1	0.32	10
44365	205	226	84	340	160	14.8	0.36	2330	< 10	< 0.5	2	2.58	5.0	95	131	301	9.37	< 10	3	0.05	10
44366	205	226	4	< 10	12	2.6	0.50	40	540	0.5	< 2	0.24	0.5	< 1	167	33	1.10	< 10	1	0.18	10
44367	205	226	< 4	< 10	< 4	18.4	0.01	244	40	< 0.5	< 2	>15.00	>100.0	< 1	23	60	3.71	< 10	3	< 0.01	< 10
44368	205	226	< 4	< 10	< 4	0.6	1.20	30	250	0.5	< 2	0.95	2.0	3	251	111	1.33	< 10	< 1	0.18	< 10
44369	205	226	< 4	< 10	< 4	0.6	0.34	8	210	< 0.5	< 2	0.21	1.5	1	241	41	0.89	< 10	< 1	0.11	< 10
44370	205	226	8	30	12	2.2	2.28	142	430	2.0	< 2	0.21	23.5	2	174	218	2.80	< 10	< 1	0.12	20
44371	205	226	< 4	< 10	< 4	0.2	0.60	18	1120	0.5	< 2	0.04	2.5	< 1	347	30	0.99	< 10	< 1	0.11	< 10
44372	205	226	< 4	< 10	< 4	0.2	0.56	18	850	0.5	< 2	0.03	3.0	< 1	230	72	0.80	< 10	< 1	0.09	< 10
44373	205	226	< 4	20	8	1.4	0.71	170	>10000	0.5	< 2	1.47	7.0	< 1	175	142	1.81	< 10	< 1	0.05	< 10
44374	205	226	< 4	< 10	< 4	0.2	0.56	26	790	0.5	< 2	0.05	2.0	< 1	239	80	0.91	< 10	< 1	0.07	< 10
44375	205	226	< 4	< 10	< 4	0.8	0.33	18	140	< 0.5	< 2	0.12	< 0.5	1	292	35	1.59	< 10	< 1	0.13	< 10
44376	205	226	< 4	< 10	8	1.0	0.59	30	100	0.5	< 2	0.07	4.5	3	218	77	1.28	< 10	< 1	0.14	< 10
44377	205	226	< 4	< 10	4	1.8	0.55	10	260	0.5	< 2	0.23	0.5	< 1	218	12	0.59	< 10	< 1	0.23	10
44378	205	226	< 4	< 10	< 4	0.2	0.60	20	100	0.5	< 2	13.85	13.5	3	69	56	0.97	< 10	< 1	0.13	< 10

CERTIFICATION· Stewart Buchler

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To EQUITY ENGINEERING LTD
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V6B 1N2

Project : BLK96-04
Comments. ATTN. D. A CAULFIELD

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CERTIFICATE OF ANALYSIS A9623238

SAMPLE	PREP CODE		Mg %	Mn ppm	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
3852	205	226	0.17	45	32	0.02	116	690	< 2	14	4	1015	0.02	< 10	10	2320	< 10	1980
3853	205	226	0.06	25	22	< 0.01	72	90	< 2	< 2	1	154	0.01	< 10	< 10	364	< 10	854
3854	205	226	0.13	135	38	< 0.01	103	550	< 2	2	1	189	0.05	< 10	< 10	579	< 10	326
3855	205	226	0.12	35	44	0.03	151	480	< 2	12	3	294	0.01	< 10	10	2720	< 10	3600
3856	205	226	0.37	595	14	0.06	2990	3120	10	30	6	463	0.01	< 10	50	1260	< 10	9130
3857	205	226	0.12	950	8	0.09	2320	2700	2	< 2	6	122	0.02	< 10	50	1115	< 10	>10000
3858	205	226	0.52	640	9	0.05	459	1230	< 2	2	5	204	0.06	< 10	10	434	< 10	6360
3859	205	226	0.04	20	17	0.01	41	50	6	2	1	18	< 0.01	< 10	< 10	572	< 10	94
3860	205	226	1.16	400	55	0.01	250	820	< 2	< 2	3	1115	< 0.01	< 10	30	204	< 10	1390
3861	205	226	0.16	145	39	0.01	192	550	< 2	< 2	2	944	< 0.01	< 10	< 10	443	< 10	570
3862	205	226	0.04	10	42	0.01	13	640	16	4	1	53	< 0.01	< 10	< 10	141	< 10	44
3863	205	226	0.90	340	45	0.01	156	4550	8	2	4	663	< 0.01	< 10	< 10	711	< 10	512
3864	205	226	0.12	25	149	< 0.01	76	4440	6	4	4	217	< 0.01	10	< 10	670	< 10	148
3865	205	226	0.40	175	56	< 0.01	151	2850	< 2	2	4	626	< 0.01	< 10	10	606	< 10	338
3866	205	226	0.23	35	118	< 0.01	65	1080	< 2	4	1	324	< 0.01	< 10	< 10	609	< 10	146
44364	205	226	0.37	25	164	0.01	409	2200	8	4	4	207	0.01	30	10	1565	< 10	158
44365	205	226	0.01	< 5	853	0.01	>10000	9410	16	32	3	460	0.01	160	80	302	< 10	202
44366	205	226	0.08	15	39	< 0.01	102	2540	34	6	3	384	< 0.01	< 10	< 10	489	< 10	90
44367	205	226	0.12	2730	5	< 0.01	53	50	>10000	328	< 1	806	< 0.01	10	< 10	75	10	>10000
44368	205	226	0.17	40	92	< 0.01	279	900	4	2	4	70	0.02	< 10	10	912	< 10	172
44369	205	226	0.05	30	28	< 0.01	65	710	32	< 2	1	76	< 0.01	< 10	< 10	397	< 10	180
44370	205	226	0.06	30	220	0.01	333	3200	30	10	8	397	0.08	30	60	1800	< 10	472
44371	205	226	0.04	15	38	< 0.01	58	700	6	< 2	4	115	0.01	< 10	10	880	< 10	64
44372	205	226	0.04	15	67	< 0.01	75	550	2	< 2	3	97	0.03	< 10	10	1010	< 10	104
44373	205	226	0.65	240	206	< 0.01	274	1260	< 2	6	3	310	0.03	< 10	10	1040	< 10	438
44374	205	226	0.01	10	63	< 0.01	74	770	2	2	2	82	0.02	< 10	10	882	< 10	74
44375	205	226	0.06	15	20	< 0.01	39	710	< 2	< 2	1	52	< 0.01	< 10	< 10	277	< 10	24
44376	205	226	0.05	15	43	< 0.01	106	430	2	8	2	41	0.05	< 10	< 10	1290	< 10	240
44377	205	226	0.08	10	65	< 0.01	52	480	4	2	2	95	< 0.01	< 10	< 10	711	< 10	26
44378	205	226	0.27	130	40	0.02	158	790	< 2	< 2	3	701	< 0.01	< 10	< 10	650	< 10	870

CERTIFICATION

Chemex Labs Ltd.

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To EQUITY ENGINEERING LTD

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

A9623781

Comments ATTN.D A CAUFIELD

CERTIFICATE A9623781

(EIA) - EQUITY ENGINEERING LTD

Project BLK96-04
P.O. # .

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	32	Geochem ring to approx 150 mesh
226	32	0-3 Kg crush and split
3202	32	Rock - save entire reject
229	32	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
975	32	Au ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
976	32	Pt ppb: ICP-Fluorescence package	FA-ICP-AFS	5	10000
977	32	Pd ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
2118	32	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	32	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	32	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	32	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	32	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	32	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	32	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	32	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	32	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	32	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	32	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	32	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	32	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	32	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	32	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	32	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	32	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	32	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	32	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	32	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	32	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	32	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	32	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	32	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	32	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	32	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	32	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	32	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	32	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	32	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	32	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	32	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9623781

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
3867	205	226	8	10	< 4	1.8	0.53	24	480	0.5	< 2	0.01	0.5	< 1	141	104	1.13	< 10	< 1	0.12	< 10
3868	205	226	8	5	14	2.2	0.66	164	70	< 0.5	< 2	0.15	0.5	1	197	52	13.25	< 10	< 1	0.23	< 10
3869	205	226	< 2	< 5	2	0.4	0.33	18	560	< 0.5	< 2	0.02	1.5	1	472	64	1.23	< 10	< 1	0.15	< 10
3870	205	226	< 2	< 5	< 2	0.2	0.14	8	770	< 0.5	< 2	0.04	1.5	1	204	18	0.67	< 10	< 1	0.08	< 10
3872	205	226	< 2	< 5	< 2	0.2	0.44	10	5330	< 0.5	< 2	0.53	18.5	12	244	103	0.81	< 10	< 1	0.05	< 10
3873	205	226	< 2	< 5	< 2	< 0.2	0.04	8	>10000	< 0.5	14	8.50	11.5	1	21	2290	0.14	< 10	< 1	< 0.01	< 10
3874	205	226	< 2	< 5	< 2	< 0.2	0.12	14	2240	0.5	2	>15.00	6.0	1	101	348	0.48	< 10	< 1	0.03	< 10
3875	205	226	< 2	< 5	< 2	< 0.2	0.09	6	>10000	< 0.5	12	8.67	27.0	4	18	82	0.10	< 10	< 1	< 0.01	< 10
3876	205	226	< 2	< 5	< 2	< 0.2	3.32	4	220	2.0	< 2	3.86	17.0	14	135	100	0.87	< 10	< 1	0.05	< 10
3877	205	226	2	< 5	4	0.2	0.38	16	250	0.5	2	2.19	5.0	6	146	22	1.07	< 10	< 1	0.07	< 10
3878	205	226	4	< 5	2	0.2	0.29	10	>10000	< 0.5	2	3.88	5.5	5	127	66	1.12	< 10	< 1	0.05	< 10
3879	205	226	< 2	< 5	4	< 0.2	4.05	30	100	3.0	< 2	1.46	7.5	8	132	216	10.15	< 10	< 1	0.06	< 10
3880	205	226	< 2	< 5	2	0.2	0.76	14	210	0.5	< 2	0.17	2.0	6	261	62	2.10	< 10	< 1	0.08	< 10
3881	205	226	< 2	< 5	< 2	0.6	0.44	36	550	0.5	< 2	12.50	11.5	7	40	52	1.10	< 10	< 1	0.09	< 10
3882	205	226	< 2	< 5	< 2	0.4	0.24	10	530	< 0.5	< 2	0.31	1.5	1	257	23	1.03	< 10	< 1	0.09	< 10
3883	205	226	< 2	< 5	< 2	0.6	0.38	42	330	0.5	< 2	13.45	8.5	5	40	33	1.10	< 10	< 1	0.11	< 10
44379	205	226	2	< 5	4	0.6	0.34	12	470	< 0.5	< 2	0.17	2.0	1	201	52	1.09	< 10	< 1	0.08	< 10
44380	205	226	< 2	< 5	< 2	< 0.2	0.06	6	2040	< 0.5	< 2	0.05	< 0.5	< 1	23	5	0.21	< 10	< 1	< 0.01	< 10
44381	205	226	10	35	22	2.2	0.88	342	40	1.0	2	14.25	13.5	12	76	91	2.72	10	< 1	0.29	< 10
44382	205	226	20	95	52	4.8	1.13	658	50	1.5	< 2	3.28	16.5	22	104	137	5.76	10	1	0.50	< 10
44383	205	226	< 4	< 10	4	0.4	0.30	30	190	0.5	< 2	3.95	11.0	5	128	31	0.92	< 10	< 1	0.09	< 10
44384	205	226	4	< 10	4	1.0	1.72	56	260	2.0	< 2	0.21	>100.0	52	234	155	6.80	< 10	< 1	0.06	< 10
44385	205	226	24	40	20	3.4	1.26	452	70	1.5	< 2	4.90	14.0	29	251	162	6.41	< 10	< 1	0.33	< 10
44386	205	226	< 4	< 10	< 4	0.6	0.48	18	300	0.5	< 2	2.46	3.0	6	165	34	3.84	< 10	< 1	0.06	< 10
44387	205	226	< 4	< 10	< 4	0.6	0.31	24	520	< 0.5	< 2	0.18	2.5	3	293	35	2.08	< 10	< 1	0.10	< 10
44388	205	226	4	10	4	1.6	0.45	26	300	0.5	< 2	1.27	7.5	5	231	113	1.61	< 10	< 1	0.18	< 10
44389	205	226	< 4	< 10	< 4	0.2	0.07	24	>10000	0.5	< 2	11.70	9.0	< 1	30	42	0.32	< 10	< 1	0.01	< 10
44390	205	226	16	40	24	3.8	1.53	420	90	2.0	2	2.11	5.0	14	178	149	6.04	< 10	< 1	0.43	< 10
44391	205	226	4	< 10	4	1.6	0.60	44	950	0.5	< 2	3.08	51.0	20	204	94	2.98	< 10	< 1	0.13	< 10
44392	205	226	4	< 10	< 4	1.0	0.45	14	400	< 0.5	< 2	0.26	2.0	1	214	22	0.92	< 10	< 1	0.10	< 10
44393	205	226	8	< 10	8	2.2	1.25	82	50	2.0	< 2	0.15	2.0	1	206	84	2.90	< 10	< 1	0.50	10
44394	205	226	4	10	12	1.8	1.58	60	200	1.5	< 2	0.31	4.0	1	271	147	3.20	< 10	< 1	0.24	10

CERTIFICATION: Stuart Bichler

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

Project · BLK96-04
Comments· ATTN D A. CAUFIELD

Page Number ·1-A
Total Pages 1
Certificate Date 22-JUL-96
Invoice No. ·I9623781
P.O Number
Account .EIA

CERTIFICATE OF ANALYSIS A9623781

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
3867	205	226	8	10	< 4	1.8	0.53	24	480	0.5	< 2	0.01	0.5	< 1	141	104	1.13	< 10	< 1	0.12	< 10
3868	205	226	8	5	14	2.2	0.66	164	70	< 0.5	< 2	0.15	0.5	1	197	52	13.25	< 10	< 1	0.23	< 10
3869	205	226	< 2	< 5	2	0.4	0.33	18	560	< 0.5	< 2	0.02	1.5	1	472	64	1.23	< 10	< 1	0.15	< 10
3870	205	226	< 2	< 5	< 2	0.2	0.14	8	770	< 0.5	< 2	0.04	1.5	1	204	18	0.67	< 10	< 1	0.08	< 10
3872	205	226	< 2	< 5	< 2	0.2	0.44	10	5330	< 0.5	< 2	0.53	18.5	12	244	103	0.81	< 10	< 1	0.05	< 10
3873	205	226	< 2	< 5	< 2	< 0.2	0.04	8	>10000	< 0.5	14	8.50	11.5	1	21	2290	0.14	< 10	< 1	< 0.01	< 10
3874	205	226	< 2	< 5	< 2	< 0.2	0.12	14	2240	0.5	2	>15.00	6.0	1	101	348	0.48	< 10	< 1	0.03	< 10
3875	205	226	< 2	< 5	< 2	< 0.2	0.09	6	>10000	< 0.5	12	8.67	27.0	4	18	82	0.10	< 10	< 1	< 0.01	< 10
3876	205	226	< 2	< 5	< 2	< 0.2	3.32	4	220	2.0	< 2	3.86	17.0	14	135	100	0.87	< 10	< 1	0.05	< 10
3877	205	226	2	< 5	4	0.2	0.38	16	250	0.5	2	2.19	5.0	6	146	22	1.07	< 10	< 1	0.07	< 10
3878	205	226	4	< 5	2	0.2	0.29	10	>10000	< 0.5	2	3.88	5.5	5	127	66	1.12	< 10	< 1	0.05	< 10
3879	205	226	< 2	< 5	4	< 0.2	4.05	30	100	3.0	< 2	1.46	7.5	8	132	216	10.15	< 10	< 1	0.06	< 10
3880	205	226	< 2	< 5	2	0.2	0.76	14	210	0.5	< 2	0.17	2.0	6	261	62	2.10	< 10	< 1	0.08	< 10
3881	205	226	< 2	< 5	< 2	0.6	0.44	36	550	0.5	< 2	12.50	11.5	7	40	52	1.10	< 10	< 1	0.09	< 10
3882	205	226	< 2	< 5	< 2	0.4	0.24	10	530	< 0.5	< 2	0.31	1.5	1	257	23	1.03	< 10	< 1	0.09	< 10
3883	205	226	< 2	< 5	< 2	0.6	0.38	42	330	0.5	< 2	13.45	8.5	5	40	33	1.10	< 10	< 1	0.11	< 10
44379	205	226	2	< 5	4	0.6	0.34	12	470	< 0.5	< 2	0.17	2.0	1	201	52	1.09	< 10	< 1	0.08	< 10
44380	205	226	< 2	< 5	< 2	< 0.2	0.06	6	2040	< 0.5	< 2	0.05	< 0.5	< 1	23	5	0.21	< 10	< 1	< 0.01	< 10
44381	205	226	10	35	22	2.2	0.88	342	40	1.0	2	14.25	13.5	12	76	91	2.72	10	< 1	0.29	< 10
44382	205	226	20	95	52	4.8	1.13	658	50	1.5	< 2	3.28	16.5	22	104	137	5.76	10	1	0.50	< 10
44383	205	226	< 4	< 10	4	0.4	0.30	30	190	0.5	< 2	3.95	11.0	5	128	31	0.92	< 10	< 1	0.09	< 10
44384	205	226	4	< 10	4	1.0	1.72	56	260	2.0	< 2	0.21	>100.0	52	234	155	6.80	< 10	< 1	0.06	< 10
44385	205	226	24	40	20	3.4	1.26	452	70	1.5	< 2	4.90	14.0	29	251	162	6.41	< 10	< 1	0.33	< 10
44386	205	226	< 4	< 10	< 4	0.6	0.48	18	300	0.5	< 2	2.46	3.0	6	165	34	3.84	< 10	< 1	0.06	< 10
44387	205	226	< 4	< 10	< 4	0.6	0.31	24	520	< 0.5	< 2	0.18	2.5	3	293	35	2.08	< 10	< 1	0.10	< 10
44388	205	226	4	10	4	1.6	0.45	26	300	0.5	< 2	1.27	7.5	5	231	113	1.61	< 10	< 1	0.18	< 10
44389	205	226	< 4	< 10	< 4	0.2	0.07	24	>10000	0.5	< 2	11.70	9.0	< 1	30	42	0.32	< 10	< 1	0.01	< 10
44390	205	226	16	40	24	3.8	1.53	420	90	2.0	2	2.11	5.0	14	178	149	6.04	< 10	< 1	0.43	< 10
44391	205	226	4	< 10	4	1.6	0.60	44	950	0.5	< 2	3.08	51.0	20	204	94	2.98	< 10	< 1	0.13	< 10
44392	205	226	4	< 10	< 4	1.0	0.45	14	400	< 0.5	< 2	0.26	2.0	1	214	22	0.92	< 10	< 1	0.10	< 10
44393	205	226	8	< 10	8	2.2	1.25	82	50	2.0	< 2	0.15	2.0	1	206	84	2.90	< 10	< 1	0.50	10
44394	205	226	4	10	12	1.8	1.58	60	200	1.5	< 2	0.31	4.0	1	271	147	3.20	< 10	< 1	0.24	10

CERTIFICATION: Ian J. Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: EQUITY ENGINEERING LTD.

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

Project : BLK96-04
Comments. ATTN:D.A. CAUFIELD

Page Number .1-B
Total Pages .1
Certificate Date: 22-JUL-96
Invoice No :I9623781
P.O. Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9623781

SAMPLE	PREP CODE	Mg %	Mn ppm	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
3867	205 226	0.08	15	46	< 0.01	27	730	8	2	3	55	0.03	< 10	< 10	523	< 10	18
3868	205 226	0.07	10	69	< 0.01	23	>10000	12	10	7	228	0.05	< 10	< 10	2790	< 10	56
3869	205 226	0.03	25	39	< 0.01	21	570	2	2	1	124	0.01	< 10	< 10	654	< 10	16
3870	205 226	0.03	20	29	< 0.01	24	90	8	< 2	< 1	28	< 0.01	< 10	< 10	225	< 10	48
3872	205 226	0.02	305	25	< 0.01	163	1070	2	< 2	2	183	0.03	< 10	< 10	332	< 10	1770
3873	205 226	1.66	50	4	< 0.01	16	180	8	< 2	< 1	1825	< 0.01	< 10	< 10	630	< 10	62
3874	205 226	0.15	135	26	< 0.01	58	250	8	< 2	3	2280	0.02	< 10	10	404	< 10	408
3875	205 226	0.33	50	4	< 0.01	22	120	12	< 2	< 1	1100	< 0.01	< 10	< 10	63	< 10	832
3876	205 226	1.89	460	16	< 0.01	222	130	6	< 2	5	209	< 0.01	< 10	< 10	338	< 10	1045
3877	205 226	0.69	150	55	< 0.01	103	290	6	< 2	2	150	< 0.01	< 10	< 10	173	< 10	354
3878	205 226	0.11	115	28	< 0.01	117	910	6	< 2	3	504	0.03	< 10	< 10	259	< 10	282
3879	205 226	0.81	145	35	< 0.01	231	6560	8	< 2	13	116	< 0.01	< 10	30	715	< 10	706
3880	205 226	0.06	80	41	< 0.01	90	1100	6	< 2	4	40	< 0.01	< 10	< 10	260	< 10	184
3881	205 226	6.70	390	43	< 0.01	125	2200	16	4	3	478	< 0.01	< 10	20	277	< 10	798
3882	205 226	0.05	15	27	< 0.01	43	210	6	2	1	30	< 0.01	< 10	< 10	294	< 10	136
3883	205 226	5.38	260	92	< 0.01	152	1080	12	6	2	432	< 0.01	< 10	30	170	< 10	484
44379	205 226	0.03	5	7	< 0.01	37	1030	< 2	8	1	108	< 0.01	< 10	< 10	98	< 10	150
44380	205 226	0.01	< 5	2	< 0.01	4	540	< 2	< 2	< 1	70	< 0.01	< 10	< 10	34	< 10	8
44381	205 226	0.43	145	307	< 0.01	2510	4210	20	6	3	399	0.03	40	40	1070	< 10	1620
44382	205 226	0.27	115	819	< 0.01	5410	3940	22	6	6	120	0.05	120	50	1290	< 10	2210
44383	205 226	1.92	305	64	< 0.01	394	330	6	2	4	158	< 0.01	< 10	< 10	485	< 10	866
44384	205 226	0.15	1750	76	< 0.01	895	1180	6	< 2	4	92	0.05	< 10	20	1770	10	>10000
44385	205 226	0.44	170	262	< 0.01	3590	1880	42	6	5	264	0.14	70	30	2050	< 10	1635
44386	205 226	0.72	160	46	< 0.01	187	880	2	< 2	2	189	< 0.01	< 10	10	393	< 10	1020
44387	205 226	0.06	35	64	< 0.01	172	590	6	< 2	1	40	< 0.01	< 10	< 10	665	< 10	562
44388	205 226	0.56	95	43	< 0.01	449	1130	6	2	1	142	0.03	< 10	10	648	< 10	944
44389	205 226	6.94	220	16	< 0.01	118	370	12	< 2	1	1105	0.01	< 10	< 10	217	< 10	564
44390	205 226	0.92	110	403	0.01	4450	4350	22	10	5	322	0.04	90	50	2160	< 10	702
44391	205 226	0.21	535	87	< 0.01	753	500	6	2	4	402	0.06	< 10	< 10	2180	< 10	5770
44392	205 226	0.07	20	29	< 0.01	36	1390	4	2	2	110	0.01	< 10	< 10	509	< 10	106
44393	205 226	0.12	10	244	< 0.01	164	2080	12	4	7	114	0.02	10	40	2350	< 10	102
44394	205 226	0.07	10	99	< 0.01	65	4280	8	4	7	245	< 0.01	< 10	30	1150	< 10	70

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To. EQUITY ENGINEERING LTD.

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

A9624971

Comments ATTN. D A CAULFIELD

CERTIFICATE A9624971

(EIA) - EQUITY ENGINEERING LTD

Project: BLK 96-04
P O. # :

**Samples submitted to our lab in Vancouver, BC.
This report was printed on 29-JUL-96.**

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	39	Geochem ring to approx 150 mesh
226	39	0-3 Kg crush and split
3202	39	Rock - save entire reject
229	39	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
975	39	Au ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
976	39	Pt ppb: ICP-Fluorescence package	FA-ICP-AFS	5	10000
977	39	Pd ppb: ICP-fluorescence package	FA-ICP-AFS	2	10000
2118	39	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	39	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	39	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	39	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	39	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	39	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	39	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	39	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	39	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	39	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	39	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	39	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	39	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	39	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	39	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	39	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	39	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	39	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	39	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	39	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	39	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	39	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	39	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	39	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	39	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	39	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	39	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	39	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	39	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	39	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	39	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	39	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To EQUITY ENGINEERING LTD

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

Project BLK 96-04
Comments ATTN D A CAULFIELD

Page Number 1-A
Total Pages 1
Certificate Date 29-JUL-96
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Account EIA

CERTIFICATE OF ANALYSIS A9624971

SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	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
3801M	205	226	8	< 5	4	0.2	1.72	28	920	0.5	< 2	0.58	18.5	4	107	47	8.24	< 10	< 1	0.20	10
3802M	205	226	4	< 5	< 2	< 0.2	1.62	14	250	< 0.5	< 2	2.61	< 0.5	34	171	94	5.70	< 10	< 1	0.23	< 10
3803M	205	226	10	< 5	4	1.0	0.67	36	1410	0.5	< 2	3.95	36.0	19	227	463	2.19	< 10	< 1	0.08	10
3804M	205	226	2	< 5	2	0.2	1.79	22	360	0.5	< 2	0.24	< 0.5	5	71	42	3.59	< 10	< 1	0.53	20
3805M	205	226	2	< 5	2	< 0.2	3.03	30	170	0.5	< 2	0.26	< 0.5	29	111	61	7.31	< 10	< 1	0.45	10
3806M	205	226	< 4	< 10	8	1.4	0.63	50	80	1.0	< 2	11.95	23.0	3	109	86	2.36	< 10	1	0.18	< 10
3884M	205	226	< 2	< 5	4	1.2	0.29	28	390	< 0.5	< 2	8.20	34.5	1	144	87	0.45	< 10	< 1	0.09	< 10
3885M	205	226	< 2	< 5	< 2	< 0.2	0.34	2	170	< 0.5	< 2	2.46	1.0	8	452	15	1.72	< 10	< 1	0.08	< 10
3886M	205	226	< 2	< 5	2	22.6	0.26	76	170	< 0.5	< 2	8.64	33.5	1	199	410	0.32	< 10	1	0.08	< 10
3887M	205	226	< 2	< 5	2	0.8	0.25	20	370	< 0.5	< 2	4.25	38.5	1	418	4330	0.50	< 10	< 1	0.09	< 10
3888M	205	226	< 2	< 5	< 2	< 0.2	2.32	20	570	< 0.5	< 2	6.82	< 0.5	29	133	55	5.34	10	1	0.21	10
3889M	205	226	2	< 5	2	1.4	0.34	28	210	< 0.5	< 2	8.27	33.5	1	277	64	0.50	< 10	< 1	0.10	< 10
3890M	205	226	2	< 5	4	1.8	0.47	40	390	0.5	< 2	3.94	38.5	1	199	62	0.58	< 10	< 1	0.14	< 10
3891M	205	226	2	< 5	2	0.2	0.78	28	940	0.5	< 2	0.14	2.5	1	257	78	1.89	< 10	< 1	0.12	10
3892M	205	226	2	< 5	2	< 0.2	3.31	72	870	2.5	< 2	1.28	25.0	30	189	270	6.28	< 10	< 1	0.06	30
3893M	205	226	2	< 5	2	0.2	0.54	20	510	0.5	< 2	0.92	5.5	3	196	48	1.36	< 10	< 1	0.11	< 10
3894M	205	226	< 2	< 5	< 2	< 0.2	0.31	8	410	< 0.5	< 2	0.08	2.5	< 1	328	338	0.71	< 10	< 1	0.03	< 10
3895M	205	226	2	< 5	6	1.2	0.35	20	780	0.5	< 2	0.38	1.5	< 1	211	51	1.08	< 10	< 1	0.13	< 10
3896M	205	226	< 2	< 5	< 2	0.4	0.25	12	1290	< 0.5	< 2	0.27	3.0	< 1	383	170	1.00	< 10	< 1	0.03	< 10
3897M	205	226	4	< 5	8	1.6	0.49	26	290	1.0	< 2	0.18	3.0	< 1	200	28	0.95	< 10	< 1	0.19	< 10
3898M	205	226	4	< 5	6	1.0	0.57	20	380	0.5	< 2	0.70	6.5	1	303	124	0.94	< 10	< 1	0.16	< 10
3899M	205	226	4	< 5	6	1.4	0.42	28	310	0.5	< 2	0.23	3.5	< 1	244	57	1.43	< 10	< 1	0.14	< 10
3900M	205	226	4	< 5	8	1.8	0.53	34	230	0.5	< 2	0.39	7.0	3	225	106	2.71	< 10	< 1	0.15	< 10
3901M	205	226	2	< 5	4	0.2	0.26	10	490	< 0.5	< 2	0.06	1.0	1	220	15	0.73	< 10	< 1	0.10	< 10
3902M	205	226	2	< 5	2	0.6	0.39	22	800	0.5	< 2	0.91	2.5	5	246	47	1.38	< 10	< 1	0.10	10
3903M	205	226	< 2	< 5	2	0.2	0.33	10	760	< 0.5	< 2	0.05	1.0	< 1	227	25	0.68	< 10	< 1	0.14	< 10
3904M	205	226	100	560	244	20.2	0.42	2770	10	< 0.5	< 2	0.08	< 0.5	135	120	127	12.30	< 10	16	0.11	< 10
10278M	205	226	2	< 5	4	0.8	0.84	24	>10000	0.5	< 2	1.60	26.5	< 1	120	139	0.97	< 10	< 1	0.04	< 10
10279M	205	226	8	10	10	1.8	0.96	58	140	0.5	< 2	0.23	5.0	3	255	167	2.91	< 10	< 1	0.09	< 10
10280M	205	226	< 2	< 5	4	0.6	0.22	24	870	< 0.5	< 2	9.46	18.0	1	278	128	0.69	< 10	1	0.07	< 10
10281M	205	226	< 2	< 5	2	< 0.2	0.03	6	590	< 0.5	< 2	12.35	7.0	< 1	123	36	0.26	< 10	1	0.01	< 10
10282M	205	226	< 2	< 5	4	< 0.2	0.05	18	530	< 0.5	< 2	12.90	6.0	< 1	166	112	0.37	< 10	1	0.01	< 10
10283M	205	226	< 2	< 5	6	0.2	0.28	10	420	< 0.5	< 2	2.24	71.5	10	383	427	0.65	< 10	< 1	0.04	< 10
044395M	205	226	2	< 5	2	< 0.2	0.41	8	760	< 0.5	< 2	0.18	1.5	< 1	212	20	0.88	< 10	< 1	0.15	< 10
044396M	205	226	< 2	< 5	2	< 0.2	5.74	48	160	0.5	< 2	1.73	< 0.5	60	677	93	8.64	10	< 1	0.01	< 10
044397M	205	226	2	< 5	2	< 0.2	2.19	20	310	0.5	< 2	2.03	< 0.5	9	61	48	3.60	< 10	< 1	0.42	10
044398M	205	226	4	< 5	4	0.4	0.97	26	3440	0.5	< 2	0.25	11.0	2	70	162	1.36	< 10	< 1	0.03	< 10
044399M	205	226	< 2	< 5	< 2	< 0.2	0.04	< 2	1660	< 0.5	< 2	0.01	< 0.5	< 1	14	6	0.14	< 10	< 1	0.01	< 10
044400M	205	226	< 2	< 5	2	0.2	0.22	6	1570	< 0.5	< 2	0.01	0.5	< 1	289	15	0.48	< 10	< 1	0.07	< 10

CERTIFICATION: Ian Bichler

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Project BLK 96-04
Comments ATTN D A CAULFIELD

Page Number :1-B
Total Pages 1
Certificate Date: 29-JUL-96
Invoice No :19624971
P O Number
Account :EIA

CERTIFICATE OF ANALYSIS A9624971

SAMPLE	PREP CODE		Mg %	Mn ppm	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
3801M	205	226	0.35	65	44	< 0.01	173	2040	12	6	4	164	0.01	< 10	30	514	< 10	2040
3802M	205	226	3.83	725	1	0.03	75	600	< 2	< 2	24	335	< 0.01	< 10	< 10	93	< 10	52
3803M	205	226	0.20	620	105	< 0.01	365	950	2	8	6	483	0.04	< 10	< 10	1520	< 10	3310
3804M	205	226	0.54	35	3	0.02	20	1260	20	< 2	4	39	< 0.01	< 10	< 10	36	< 10	82
3805M	205	226	1.20	280	3	< 0.01	115	830	20	< 2	6	24	< 0.01	< 10	< 10	52	< 10	214
3806M	205	226	1.45	85	64	< 0.01	133	850	22	2	4	673	0.01	< 10	10	1245	< 10	920
3884M	205	226	0.20	45	32	< 0.01	85	1150	2	8	3	1200	0.02	< 10	< 10	1430	< 10	2130
3885M	205	226	0.49	295	1	0.03	38	490	< 2	< 2	3	74	< 0.01	< 10	< 10	38	< 10	64
3886M	205	226	0.11	60	13	< 0.01	79	830	< 2	70	2	734	< 0.01	< 10	< 10	815	< 10	1970
3887M	205	226	0.12	75	27	< 0.01	92	520	2	6	1	398	0.01	< 10	< 10	2080	< 10	2370
3888M	205	226	2.28	735	< 1	0.01	53	850	< 2	< 2	14	543	< 0.01	< 10	< 10	94	< 10	86
3889M	205	226	0.22	50	23	< 0.01	81	670	< 2	10	3	872	0.03	< 10	< 10	1440	< 10	1985
3890M	205	226	0.18	35	39	< 0.01	112	1170	2	8	4	486	0.04	< 10	< 10	2250	< 10	1880
3891M	205	226	0.07	15	79	< 0.01	123	400	4	6	4	74	< 0.01	< 10	< 10	654	< 10	454
3892M	205	226	0.14	660	233	< 0.01	1140	770	2	8	6	225	< 0.01	< 10	20	1050	< 10	4690
3893M	205	226	0.09	40	57	< 0.01	191	640	6	2	3	170	< 0.01	< 10	< 10	638	< 10	480
3894M	205	226	0.01	20	17	< 0.01	50	150	< 2	< 2	1	26	< 0.01	< 10	< 10	294	< 10	276
3895M	205	226	0.06	15	22	< 0.01	28	1500	2	2	2	97	< 0.01	< 10	< 10	521	< 10	102
3896M	205	226	0.02	45	12	< 0.01	61	1350	< 2	2	1	82	0.01	< 10	< 10	192	< 10	392
3897M	205	226	0.10	20	37	< 0.01	43	720	4	4	3	46	0.05	< 10	< 10	1445	< 10	186
3898M	205	226	0.16	65	22	< 0.01	80	2120	2	4	4	144	0.04	< 10	< 10	1165	< 10	454
3899M	205	226	0.08	45	28	< 0.01	47	1010	2	4	3	71	0.03	< 10	< 10	1020	< 10	250
3900M	205	226	0.10	80	45	< 0.01	107	2080	6	6	4	125	0.05	< 10	< 10	789	< 10	658
3901M	205	226	0.05	30	28	< 0.01	42	250	6	2	1	31	< 0.01	< 10	< 10	329	< 10	108
3902M	205	226	0.15	90	56	< 0.01	264	800	4	2	4	145	0.02	< 10	< 10	709	< 10	376
3903M	205	226	0.07	20	34	< 0.01	25	90	6	< 2	1	43	< 0.01	< 10	< 10	162	< 10	44
3904M	205	226	0.05	< 5	1635	0.01	>10000	260	168	60	5	39	< 0.01	300	< 10	536	< 10	136
10278M	205	226	0.22	810	23	< 0.01	387	3770	< 2	2	4	831	0.04	< 10	< 10	434	< 10	2840
10279M	205	226	0.02	30	53	< 0.01	758	1360	4	4	5	75	0.06	< 10	< 10	840	< 10	510
10280M	205	226	0.35	95	32	< 0.01	83	350	6	2	3	807	0.05	< 10	< 10	891	< 10	1140
10281M	205	226	4.57	250	< 1	< 0.01	38	1680	< 2	2	1	708	< 0.01	< 10	< 10	136	< 10	230
10282M	205	226	3.54	360	1	< 0.01	54	1610	2	2	1	808	0.01	< 10	< 10	189	< 10	492
10283M	205	226	0.19	170	8	< 0.01	359	490	< 2	< 2	2	171	0.03	< 10	< 10	245	< 10	4340
044395M	205	226	0.21	15	26	< 0.01	23	430	2	2	1	69	< 0.01	< 10	< 10	332	< 10	108
044396M	205	226	7.59	615	< 1	< 0.01	422	650	< 2	< 2	23	131	0.01	< 10	< 10	208	< 10	80
044397M	205	226	1.68	320	< 1	< 0.01	27	1520	14	< 2	5	77	< 0.01	< 10	< 10	37	< 10	90
044398M	205	226	0.07	80	31	< 0.01	323	1010	< 2	2	3	225	0.02	< 10	10	391	< 10	1330
044399M	205	226	< 0.01	< 5	1	< 0.01	1	60	< 2	< 2	< 1	71	< 0.01	< 10	< 10	29	< 10	6
044400M	205	226	0.03	15	19	< 0.01	20	90	2	< 2	< 1	46	< 0.01	< 10	< 10	157	< 10	42

CERTIFICATION Stewart Buchler

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To EQUITY ENGINEERING LTD.

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A9624711

Comments: ATTN D A CAULFIELD

CERTIFICATE A9624711

(EIA) - EQUITY ENGINEERING LTD

Project BLK96-04
P O #

Samples submitted to our lab in Vancouver, BC.
This report was printed on 19-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	6	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
316	6	Zn %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

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Page Number :1
Total Pages :1
Certificate Date: 19-JUL-96
Invoice No. :I9624711
P.O Number :
Account :EIA

CERTIFICATE OF ANALYSIS A9624711

SAMPLE	PREP CODE		Zn %
L5400E 10050N	244	--	1.23
L5600E 9825N	244	--	1.96
L5600E 9850N	244	--	2.66
L5600E 9875N	244	--	2.10
L5600E 9900N	244	--	1.40
L5600E 9950N	244	--	2.90

CERTIFICATION

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A9625466

Comments ATTN D.A CAULFIELD

CERTIFICATE A9625466

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Project BLK96-04
P O #

Samples submitted to our lab in Vancouver, BC.
This report was printed on 27-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
316	1	Zn %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

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Project BLK96-04
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CERTIFICATE OF ANALYSIS A9625466

SAMPLE	PREP CODE	Zn %
44384	244 --	1.44

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Project. BLK 96-04
P.O #

Samples submitted to our lab in Vancouver, BC.
This report was printed on 25-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	3	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
316	3	Zn %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

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CERTIFICATE OF ANALYSIS A9625467

SAMPLE	PREP CODE		Zn %
L9000E 8675N	244	--	1.65
L10100E 8850N	244	--	1.23
L10200E 8800N	244	--	1.36

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Project: BLK.96-04
P.O. # .

Samples submitted to our lab in Vancouver, BC.
This report was printed on 29-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	5	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
316	5	Zn %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

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SAMPLE	PREP CODE		Zn %
L10400E 8775N	244	--	1.31
L10400E 8800N	244	--	1.63
L10400E 8825N	244	--	1.35
L10400E 8975N	244	--	1.69
L10600E 9100N	244	--	1.45

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A9624543

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Project BLK96-04
P O #.

Samples submitted to our lab in Vancouver, BC.
This report was printed on 19-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	2	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
312	1	Pb %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0
316	2	Zn %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

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Invoice No. .I9624543
P O. Number
Account :EIA

CERTIFICATE OF ANALYSIS A9624543

SAMPLE	PREP CODE		Pb %	Zn %							
3857	244	--	-----	1.42							
44367	244	--	1.40	4.22							

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A9625991

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Project. BLK96-04
P O #.

Samples submitted to our lab in Vancouver, BC.
This report was printed on 30-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
321	1	Ni %: HClO4-HNO3-HF digestion	AAS	0.01	100.0

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Page Number :1
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Invoice No :19625991
P.O. Number :
Account EIA

CERTIFICATE OF ANALYSIS A9625991

SAMPLE	PREP CODE		Ni %
44365	244	--	3.58

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A9627203

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CERTIFICATE A9627203

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Project· BLK 96-04
P.O #

Samples submitted to our lab in Vancouver, BC.
This report was printed on 5-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
321	1	Ni %: HClO4-HNO3-HF digestion	AAS	0.01	100.0
321	1	Ni %: HClO4-HNO3-HF digestion	AAS	0.01	100.0

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Project : BLK 96-04
Comments ATTN D.A CAULFIELD

Page Number .1
Total Pages :1
Certificate Date 05-AUG-96
Invoice No I9627203
P.O Number
Account EIA

CERTIFICATE OF ANALYSIS A9627203

SAMPLE	PREP CODE		Ni %	Ni %								
3904M	244	--	5.21	5.21								

CERTIFICATION: Said Celina-D

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A9638822

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CERTIFICATE A9638822

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Project: BLK 96-04
P O #

Samples submitted to our lab in Vancouver, BC.
This report was printed on 16-NOV-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	14	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
316	14	Zn %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

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 BLK 96-04
Comments: ATTN D A CAULFIELD

Page Number :1
Total Pages :1
Certificate Date 16-NOV-96
Invoice No I9638822
P O. Number
Account :EIA

CERTIFICATE OF ANALYSIS A9638822

SAMPLE	PREP CODE	Zn %
BL10000N 5450E	244 --	1.37
BL10000N 5700E	244 --	1.34
R2 0975	244 --	1.42
R2 1075	244 --	2.08
R2 1100	244 --	1.77
R2 1125	244 --	3.62
R2 1350	244 --	1.35
R3 2250	244 --	2.22
R7 0475	244 --	1.97
R7 0500	244 --	2.76
R7 0525	244 --	2.11
R7 0550	244 --	1.70
R7 0575	244 --	2.96
R8 0200	244 --	0.92

CERTIFICATION

APPENDIX F

GEOLOGIST'S CERTIFICATE

GEOLOGIST'S CERTIFICATE

I, David A. Caulfield of 3142 Gambier Avenue, Coquitlam, in the Province of British Columbia, DO HEREBY CERTIFY:

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

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

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

4. THAT this report is based on property work I supervised during June and July, 1996, government publications and assessment reports filed with the Yukon Territory

DATED at Vancouver, British Columbia, this 22 day of January, 1997.

David A Caulfield, P Geo.

PROFESSIONAL ENGINEER BRITISH COLUMBIA GEOSCIENTIST

Blackstone Resources Inc.

1996 EXPLORATION PROGRAM ON THE REIN PROPERTY

Volume II - Figures

Located near Lomond Creek
Mayo Mining District
NTS 116A/12, B/9
64° 42' North Latitude
138° 05' West Longitude

-prepared for-

BLACKSTONE RESOURCES INC.
501-675 West Hastings Street
Vancouver, B.C., Canada
V6B 1N2

-prepared by-

David A. Caulfield , P.Geo.
EQUITY ENGINEERING LTD.
207-675 West Hastings Street,
Vancouver, B.C., Canada
V6B 1N2

January 1997

96-058

LEGEND

MIDDLE TO UPPER DEVONIAN
Lower Earn Group

- **DLEu** Upper member - chert, cherty argillite, chert pebble conglomerate, barite
- **DLEba** Barite horizon
- **DLEl** Lower member - rhythmite section of argillite, calcareous shale and siltstone, limestone and chert; contains limestone ball member (**LB**) and barite ball member (**BB**)
- **Dmv** Mafic volcanic flow

ORDOVICIAN TO SILURIAN
Road River Group

- **ORsh** Calcareous shale

UPPER PROTEROZOIC AND LOWER CAMBRIAN
Hyland Group

- **PCHph** Laminated phyllitic siltstone and shale
- **PCHmv** Mafic volcanic flow

Mapping includes 1994 mapping (Baknes, 1994)

MAP SYMBOLS

- Outcrop
- Felsenmeer
- Lithological contact (defined, inferred)
- Bedding (inclined, horizontal, vertical)
- Joint (inclined, vertical)
- Vein (inclined, vertical)
- Cleavage (inclined, vertical)
- Fault (slickensides)
- Thrust fault
- Minor fold (showing plunge direction)
- Anticline, syncline
- Trench
- Rock Sample (float, grab)
- Fossil Locality (graptolites, tentaculites)
- LB, BB Limestone balls, barite balls

MINERALIZATION

AZ - azurite	BA - barite	CA - calcite
GL - galena	HZ - hydrozincite	PB - pyrobitumen
QZ - quartz	SP - sphalerite	SU - sulvanite
TT - tetrahedrite	PY - pyrite	VS - vaesite

1996 Rock Sample Analyses

Sample Number	Au (ppb)	Pt (ppb)	Pd (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
3852	<4	<10	<4	1.6	52	85	32	116	<2	1980
3853	<4	<10	<4	0.2	16	108	22	72	<2	854
3854	<4	<10	<4	<0.2	16	338	38	103	<2	326
3855	<4	<10	<4	3.0	48	100	44	151	<2	3600
3856	<4	<10	4	0.8	300	185	14	2990	10	9130
3857	<4	<10	<4	<0.2	10	32	8	2320	2	1.42%
3858	<4	<10	<4	0.6	16	201	9	459	<2	6360
3859	<4	<10	<4	0.2	6	17	<1	41	6	94
3860	<4	<10	<4	<0.2	46	41	55	260	<2	1390
3861	<4	<10	<4	<0.2	24	109	39	192	<2	570
3862	<4	<10	4	1.2	36	17	42	13	16	44
3863	<4	<10	<4	0.2	60	223	45	156	8	512
3864	<4	<10	<4	1.2	58	33	149	76	6	148
3865	<4	<10	<4	<0.2	52	243	56	151	<2	338
3866	<4	<10	<4	0.6	70	46	118	65	<2	146
3867	8	10	<4	1.8	24	104	46	27	8	18
3868	8	5	14	2.2	164	52	69	23	12	56
3869	<2	<5	2	0.4	18	64	39	21	2	16
3870	<2	<5	<2	0.2	8	18	29	24	8	46
3872	<2	<5	<2	0.2	10	103	25	163	2	1770
3873	<2	<5	<2	<0.2	8	2290	4	16	8	62
3874	<2	<5	<2	<0.2	14	348	26	58	8	408
3875	<2	<5	<2	<0.2	6	82	4	22	12	832
3876	<2	<5	<2	<0.2	4	100	16	222	6	1045
3877	2	<5	4	0.2	16	22	55	103	6	354
3878	4	<5	2	0.2	10	66	28	117	6	282
3879	<2	<5	4	<0.2	30	216	35	231	8	706
3880	<2	<5	2	0.2	14	62	41	90	6	184
3881	<2	<5	<2	0.6	36	52	43	125	16	798
3882	<2	<5	<2	0.4	10	23	27	43	6	136
3883	<2	<5	<2	0.6	42	33	92	152	12	484
3904	100	560	244	20.2	2770	127	1635	5.21%	168	136
44364	4	<10	4	3.2	208	87	164	409	8	158
44365	84	340	160	14.8	2330	301	853	3.58%	16	262
44366	4	<10	12	2.6	40	33	39	102	34	90
44367	<4	<10	<4	18.4	244	60	5	53	1.40%	4.22%
44368	<4	<10	<4	0.6	30	111	92	279	4	172
44369	<4	<10	<4	0.6	8	41	28	65	32	180
44370	8	30	12	2.2	142	218	220	333	30	472
44371	<4	<10	<4	0.2	18	30	38	58	6	64
44372	<4	<10	<4	0.2	18	72	67	75	2	104
44373	<4	20	8	1.4	170	142	206	274	<2	438
44374	<4	<10	<4	0.2	26	80	63	74	2	74
44375	<4	<10	<4	0.8	18	35	20	39	<2	24
44376	<4	<10	8	1.0	30	77	43	106	2	240
44377	<4	<10	4	1.8	10	12	65	52	4	26

1996 Rock Sample Analyses

Sample Number	Au (ppb)	Pt (ppb)	Pd (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
44378	<4	<10	<4	0.2	20	56	40	158	<2	870
44379	2	<5	4	0.6	12	52	7	37	<2	150
44380	<2	<5	<2	<0.2	6	5	2	4	<2	8
44381	10	35	22	2.2	342	91	307	2510	20	1620
44382	20	95	52	4.8	658	137	819	5410	22	2210
44383	<4	<10	4	0.4	30	31	64	394	6	866
44384	4	<10	4	1.0	56	155	76	895	6	1.44%
44385	24	40	20	3.4	452	162	262	3590	42	1635
44386	<4	<10	<4	0.6	18	34	46	187	2	1020
44387	<4	<10	<4	0.6	24	35	64	172	6	562
44388	4	10	4	1.6	26	113	43	449	6	944
44389	<4	<10	<4	0.2	24	42	16	118	12	564
44390	16	40	24	3.8	420	149	403	4450	22	702
44391	4	<10	4	1.6	44	94	87	753	6	5770
44392	4	<10	<4	1.0	14	22	29	36	4	106
44393	8	<10	8	2.2	82	84	244	164	12	102
44394	4	10	12	1.8	60	147	99	65	8	70

1995 Rock Sample Analyses

Sample Number	Au (ppb)	Pt (ppb)	Pd (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
4551	14	<5	2	0.4	54	145	94	391	6	1145
4552	<2	<5	2	<0.2	28	79	52	338	6	2810
4553	28	210	90	10.6	456	52	348	223	52	532
4554	<2	5	4	0.8	172	106	85	369	8	1290
4555	<2	10	10	2.4	22	55	31	92	8	400
4556	<2	30	22	4.6	620	60	337	231	14	208
4557	<2	<5	4	1.2	144	88	38	45	8	68
4558	<2	40	12	3.4	36	75	57	93	8	58

1994 Rock Sample Analyses

Sample Number	Au (ppb)	Pt (ppb)	Pd (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
596656	35	120	58	7.8	-	589	454	2.06%	26	254
596657	<5	-	-	0.2	-	68	30	190	6	66
596658	<5	<5	<2	<0.2	-	100	39	2252	<2	4.19%
596659	<5	-	-	0.8	-	103	28	110	6	3150
596660	<5	-	-	<0.2	-	2	1	5	4	90
596722	<5	-	-	2.0	-	82	67	246	8	1994
596723	<5	-	-	0.2	-	23	30	52	6	258
596724	<5	-	-	1.8	-	53	21	131	4	2912
596725	<5	-	-	1.0	-	40	30	76	<2	1462
596726	<5	-	-	<0.2	-	3	6	49	<2	180
596727	<5	-	-	<0.2	-	15	4	28	<2	290
596728	<5	-	-	<0.2	-	51	13	91	<2	1402
596729	<5	-	-	<0.2	-	32	11	46	<2	658
596758	<5	-	-	<0.2	-	15	4	10	<2	102
596759	<5	-	-	<0.2	-	10	2	20	<2	286
596760	<5	10	6	0.4	-	41	138	1614	<2	2764
596761	<5	-	-	0.6	-	28	9	47	<2	372
596762	<5	-	-	<0.2	-	10	27	31	<2	28
596763	<5	-	-	<0.2	-	15	26	21	4	12
596905	<5	-	-	<0.2	-	1	1	14	<2	26
596906	<5	-	-	1.2	-	56	42	152	<2	188
596907	<5	-	-	1.4	-	65	39	125	4	110
596908	<5	-	-	1.0	-	37	67	56	<2	18
596909	<5	-	-	2.4	-	72	51	117	<2	1414
596910	<5	-	-	1.4	-	42	39	93	<2	1238
596911	<5	-	-	<0.2	-	1	3	77	<2	410
596912	<5	-	-	0.4	-	78	28	38	8	56
596913	<5	-	-	<0.2	-	1	<1	12	<2	16
596914	<5	-	-	0.6	-	259	23	69	<2	1844
596915	<5	-	-	<0.2	-	2	3	37	<2	54

- denotes analyses not completed

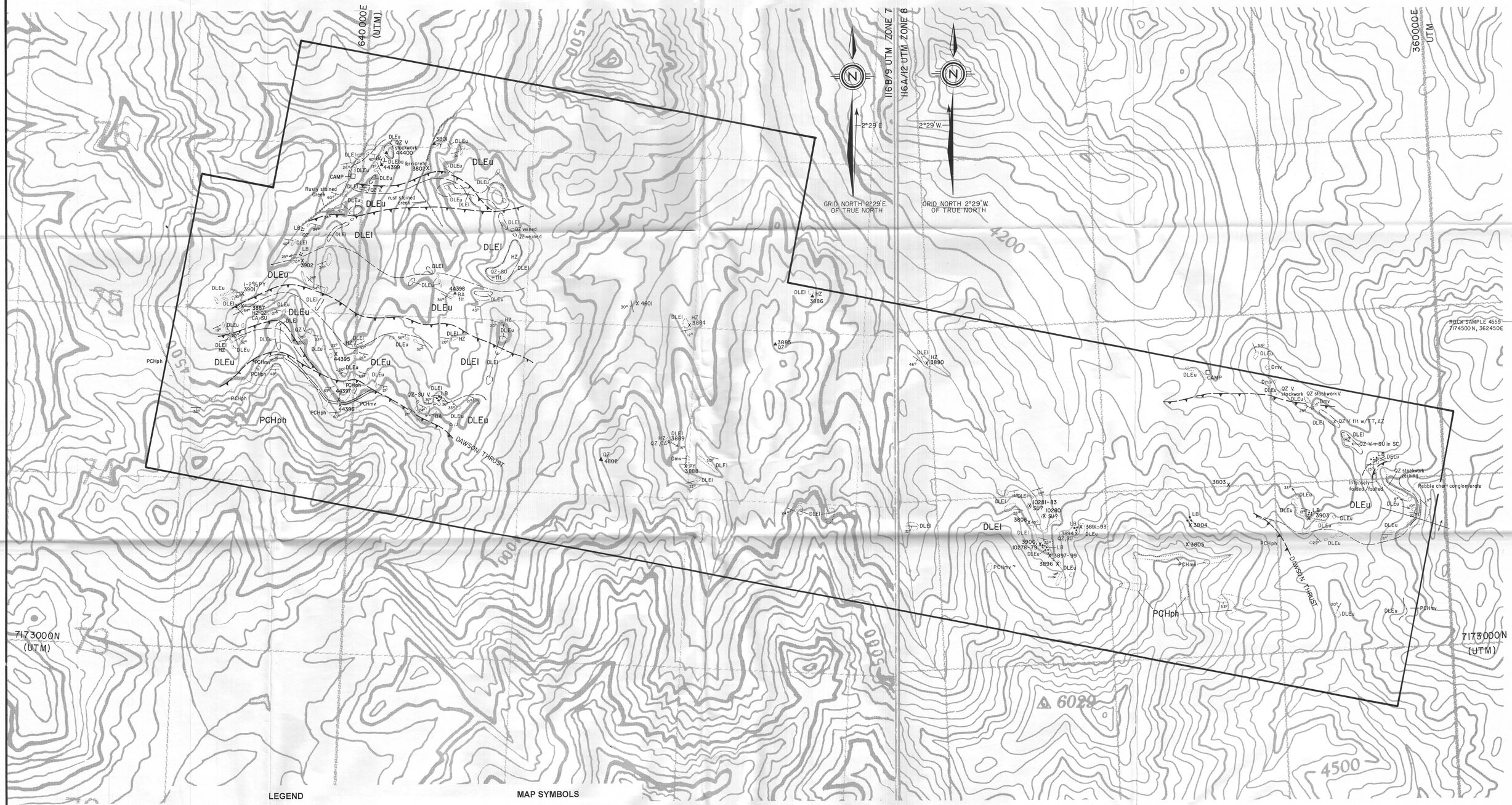
METRES
0 200 400 600 800 1000

BLACKSTONE RESOURCES INC.

REIN PROPERTY
WEST HALF
GEOLOGY & GEOCHEMISTRY
YUKON TERRITORY

EQUITY ENGINEERING LTD.

DRAWN:	J.W./D.A.C.	MINING DISTRICT: MAYO	FIGURE: 4
N.T.S.:	116 B/9	SCALE: 1:10,000	
DATE:	NOV. 1996	REVISED:	



LEGEND

MIDDLE TO UPPER DEVONIAN
Lower Earn Group

- **DLEu** — Upper member - chert, cherty argillite, chert pebble conglomerate, barite
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ORDOVICIAN TO SILURIAN
Road River Group

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- Vein (inclined, vertical)
- Cleavage (inclined, vertical)
- Fault (slickensides)
- Thrust fault
- Minor fold (showing plunge direction)
- Anticline, syncline
- Trench
- ▲ X — Rock Sample (float, grab)
- Ⓟ g, f — Fossil Locality (graptolites, tentaculites)
- LB, BB — Limestone balls, barite balls

MINERALIZATION

AZ - azurite	BA - barite	CA - calcite
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QZ - quartz	SP - sphalerite	SU - sulvanite
TT - tetrahedrite	PY - pyrite	VS - vaesite

1995 Rock Sample Analyses

Sample Number	Au (ppb)	Pt (ppb)	Pd (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
4559	<2	<5	5	10.2	<2	61	21	83	2	80
4601	<2	<5	8	1.4	1.4	34	26	37	10	116
4602	<2	<5	<2	0.2	0.2	322	48	522	4	4230

1996 Rock Sample Analyses

Sample Number	Au (ppb)	Pt (ppb)	Pd (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
3801	6	<5	4	0.2	28	47	44	173	12	2040
3802	4	<5	<2	<0.2	14	94	1	75	<2	52
3803	10	<5	4	1.0	36	463	105	365	2	3310
3804	2	<5	2	0.2	22	42	3	20	20	62
3805	2	<5	2	<0.2	30	61	3	115	20	214
3806	<4	<10	8	1.4	50	86	64	133	22	920
3884	<2	<5	4	1.2	28	87	32	85	2	2130
3885	<2	<5	<2	<0.2	2	15	1	38	<2	64
3886	<2	<5	2	22.6	76	410	13	79	<2	1970
3887	<2	<5	2	0.8	20	4330	27	92	2	2370
3888	<2	<5	<2	<0.2	20	55	<1	53	<2	86
3889	2	<5	2	1.4	28	64	23	81	<2	1985
3890	2	<5	4	1.8	40	62	39	112	2	1880
3891	2	<5	2	0.2	28	78	79	123	4	454
3892	2	<5	2	<0.2	72	270	233	1140	2	4690
3893	2	<5	2	0.2	20	48	57	191	6	480
3894	<2	<5	<2	<0.2	8	338	17	50	<2	276
3895	2	<5	6	1.2	20	51	22	28	2	102
3896	<2	<5	<2	0.4	12	170	12	61	<2	392
3897	4	<5	8	1.6	26	28	37	43	4	186
3898	4	<5	6	1.0	20	124	22	80	2	454
3899	4	<5	6	1.4	28	57	28	47	2	250
3900	4	<5	8	1.8	34	106	45	107	6	668
3901	2	<5	4	0.2	10	15	28	42	6	108
3902	2	<5	2	0.6	22	47	56	264	4	376
3903	<2	<5	2	0.2	10	25	34	25	6	44
10278	2	<5	4	0.8	24	139	23	387	<2	2840
10279	8	10	10	1.8	58	167	53	758	4	510
10280	<2	<5	4	0.6	24	128	32	83	6	1140
10281	<2	<5	2	<0.2	6	36	<1	38	<2	230
10282	<2	<5	4	<0.2	18	112	1	54	2	492
10283	<2	<5	6	0.2	10	427	8	359	<2	4340
44395	2	<5	2	<0.2	8	20	26	23	2	108
44396	<2	<5	2	<0.2	48	93	<1	422	<2	80
44397	2	<5	2	<0.2	20	48	<1	27	14	90
44398	4	<5	4	0.4	26	162	31	323	<2	1330
44399	<2	<5	<2	<0.2	<2	6	1	1	<2	6
44400	<2	<5	2	0.2	6	15	19	20	2	42

METRES
0 200 400 600 800 1000

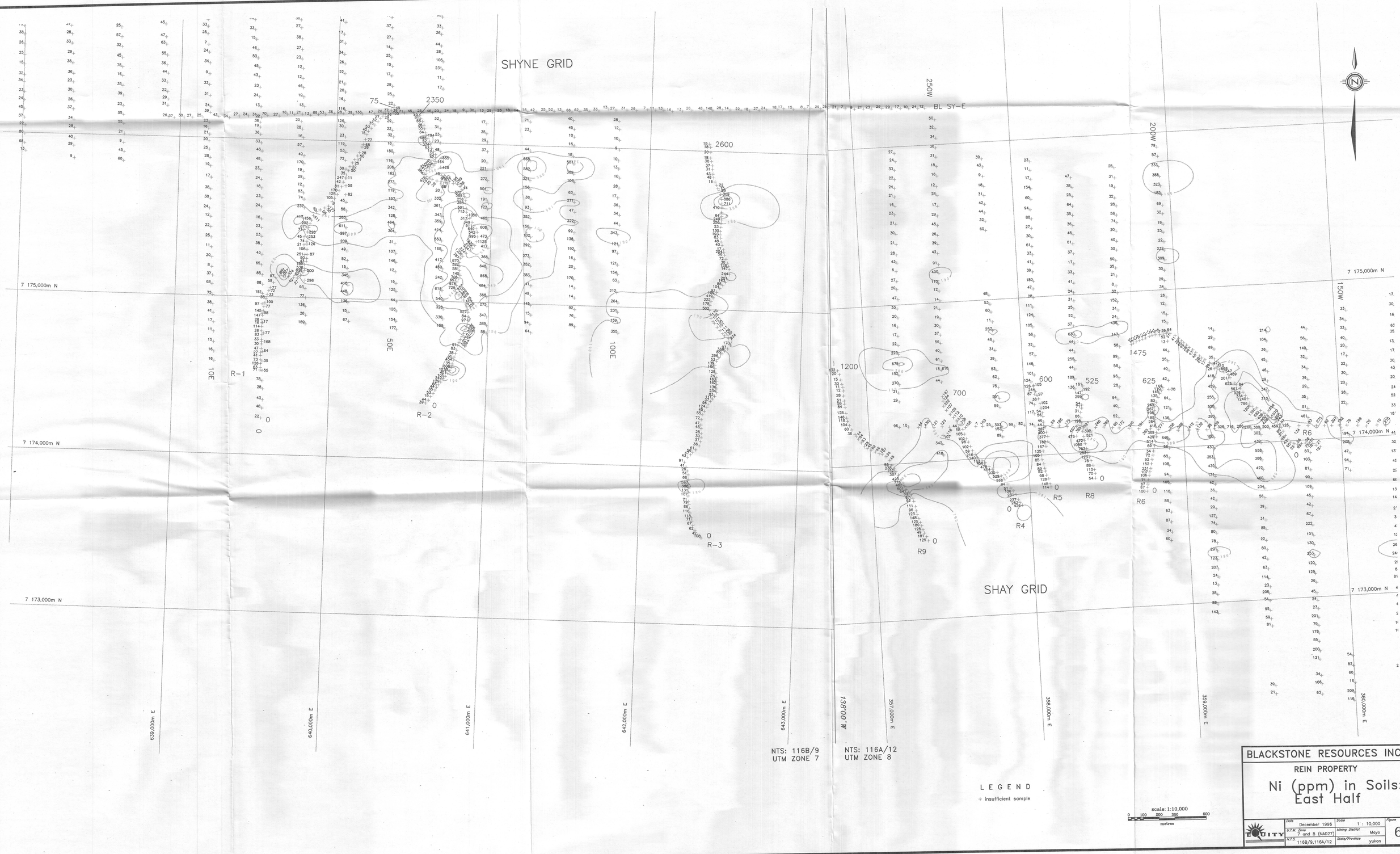
BLACKSTONE RESOURCES INC.

REIN PROPERTY
EAST HALF
GEOLOGY & GEOCHEMISTRY
YUKON TERRITORY

EQUITY ENGINEERING LTD.

DRAWN:	J.W./D.A.C.	MINING DISTRICT: MAYO	FIGURE.
N.T.S.:	116B/9	SCALE: 1:10,000	5
DATE:	NOV. 1996	REVISED:	

TB GRID
10000N
4600E
5800E
RF GRID
8000N
4600E
5400E
MM GRID
8600N
10800E
94MBS-16
94MBS-17
94MBS-18
94MBS-19
94MMS-21
94MMS-22
94MMS-23
94MMS-24
94MMS-25
SHYNE GRID
BL SY-W
0E
50E
100E
150E
7 181,000m N
7 180,000m N
7 179,000m N
7 178,000m N
7 177,000m N
632,000m E
633,000m E
634,000m E
635,000m E
636,000m E
637,000m E
638,000m E
639,000m E
LEGEND
+ insufficient sample
scale: 1:10,000
0 100 200 300 500
metres
BLACKSTONE RESOURCES INC.
REIN PROPERTY
Ni (ppm) in Soils: West Half
Date December 1996
Scale 1 : 10,000
Figure 6a
U.T.M. Zone 7 (NAD27)
Mining District Mayo
N.T.S. 116B/9,A/12
State/Province Yukon
EQUITY



BLACKSTONE RESOURCES INC.

REIN PROPERTY

Ni (ppm) in Soils: East Half

Date	December 1996	Scale	1 : 10,000
U.T.M. Zone	7 and 8 (NAD27)	Mining District	Mayo
N.T.S.	116B/9,116A/12	State/Province	yukon

Figure 6b

7 181,000m N

7 180,000m N

7 179,000m N

7 178,000m N

7 177,000m N

4600E

5400E

5800E

10000N

8000N

TB GRID

RF GRID

SHYNE GRID

94MBS-19

94MBS-18

94MBS-17

94MBS-16

94MMS-22

94MMS-23

94MMS-21

94MMS-25

94MMS-24

8600N

10800E

MM GRID

BL SY-W

100E

150E

632,000m E

633,000m E

634,000m E

635,000m E

636,000m E

637,000m E

638,000m E

639,000m E

LEGEND

+ insufficient sample

samples below detection limit plotted as 0.5ppm

scale: 1:10,000

0 100 200 300 500

metres

BLACKSTONE RESOURCES INC.

REIN PROPERTY

Mo (ppm) in Soils: West Half

EQUITY

Date	December 1996	Scale	1 : 10,000
U.T.M. Zone	7 (NAD27)	Mining District	Mayo
N.T.S.	116B/9,A/12	State/Province	Yukon

Figure 7a

SHYNE GRID

SHAY GRID

7 175,000m N

7 174,000m N

7 173,000m N

639,000m E

640,000m E

641,000m E

642,000m E

643,000m E

138°00' W

357,000m E

358,000m E

359,000m E

360,000m E

NTS: 116B/9
UTM ZONE 7

NTS: 116A/12
UTM ZONE 8

LEGEND

+ insufficient sample

samples below detection limit plotted as 0.5ppm

scale: 1:10,000

0 100 200 300 500

metres

BLACKSTONE RESOURCES INC.

REIN PROPERTY

Mo (ppm) in Soils: East Half

EQUITY	Date: December 1996	Scale: 1 : 10,000	Figure: 7b
	U.T.M. Zone: 7 and 8 (NAD27)	Mining District: Mayo	
	N.T.S.: 116B/9,116A/12	State/Province: yukon	

7 181,000m N

7 180,000m N

7 179,000m N

7 178,000m N

7 177,000m N

4600E

5400E

5800E

10000N

8000N

TB GRID

RF GRID

SHYNE GRID

94MBS-19

94MBS-18

94MBS-17

94MBS-16

94MMS-22

94MMS-23

94MMS-21

94MMS-25

94MMS-24

8600N

10800E

MM GRID

BL SY-W

5 0E

5 50E

6 00E

6 50E

7 00E

7 50E

632,000m E

633,000m E

634,000m E

635,000m E

636,000m E

637,000m E

638,000m E

639,000m E

LEGEND

+ insufficient sample

samples below detection limit plotted as 1.0ppm

scale: 1:10,000

0 100 200 300 500

metres

BLACKSTONE RESOURCES INC.

REIN PROPERTY

As (ppm) in Soils: West Half

Date	December 1996	Scale	1 : 10,000
UTM Zone	7 (NAD27)	Mining District	Mayo
NTS	116B/9,A/12	State/Province	Yukon

Figure 8a

SHYNE GRID

SHAY GRID

7 175,000m N

7 174,000m N

7 173,000m N

639,000m E

640,000m E

641,000m E

642,000m E

643,000m E

357,000m E

358,000m E

359,000m E

360,000m E

138°00' W

10E

50E

100E

150W

200W

250W

BL SY-E

R-1

R-2

R-3

R4

R5

R6

R8

R9

R6

75

2350

2600

1200

700

600

525

1475

625

NTS: 116B/9
UTM ZONE 7

NTS: 116A/12
UTM ZONE 8

LEGEND

+ insufficient sample

samples below detection limit plotted as 1.0ppm

scale: 1:10,000

0 100 200 300 500

metres

BLACKSTONE RESOURCES INC.

REIN PROPERTY

As (ppm) in Soils: East Half

EQUITY

Date: December 1996	Scale: 1 : 10,000	Figure: 8b
U.T.M. Zone: 7 and 8 (NAD27)	Mining District: Mayo	
N.T.S.: 116B/9,116A/12	State/Province: yukon	

7 181,000m N

7 180,000m N

7 179,000m N

7 178,000m N

7 177,000m N

4600E

5800E

10000N

TB GRID

94MBS-19

94MMS-22

94MMS-23

94MMS-21

94MBS-18

94MBS-17

94MBS-16

94MMS-25

94MMS-24

8600N

10800E

MM GRID

4600E

5400E

8000N

RF GRID

100E

150E

SHYNE
GRID

BL SY-W

50E

0E

632,000m E

633,000m E

634,000m E

635,000m E

636,000m E

637,000m E

638,000m E

639,000m E

LEGEND

+ insufficient sample

samples below detection limit
plotted as 1.0ppb

scale: 1:10,000

0 100 200 300 500

metres

BLACKSTONE RESOURCES INC.

REIN PROPERTY

Pd (ppb) in Soils: West Half

EQUITY

Date	December 1996	Scale	1 : 10,000
U.T.M. Zone	7 (NAD27)	Mining District	Mayo
N.T.S.	116B/9A/12	State/Province	Yukon

Figure 9a

SHYNE GRID

SHAY GRID

7 175,000m N

7 174,000m N

7 173,000m N

639,000m E

640,000m E

641,000m E

642,000m E

643,000m E

138°00' W

357,000m E

358,000m E

359,000m E

360,000m E

10E

50E

100E

150W

200W

250W

BL SY-E

75

2350

2600

1200

700

600

525

1475

625

R-1

R-2

R-3

R4

R5

R6

R8

R9

NTS: 116B/9
UTM ZONE 7

NTS: 116A/12
UTM ZONE 8

LEGEND

+ insufficient sample

samples below detection limit plotted as 1.0ppb

scale: 1:10,000

0 100 200 300 500

metres

BLACKSTONE RESOURCES INC.

REIN PROPERTY

Pd (ppb) in Soils: East Half

Date: December 1996		Scale: 1 : 10,000	Figure: 9b
U.T.M. Zone: 7 and 8 (NAD27)		Mining District: Mayo	
N.T.S.: 116B/9,116A/12		State/Province: Yukon	

7 181,000m N

7 180,000m N

7 179,000m N

7 178,000m N

7 177,000m N

4600E

5800E

5400E

10000N

8000N

94MBS-19

94MBS-18 10000

94MBS-17 10000

94MBS-16 10000

94MMS-22

94MMS-23

94MMS-21

94MMS-25

94MMS-24

10600N

10800E

BL SY-W

5E

50E

100E

150E

632,000m E

633,000m E

634,000m E

635,000m E

636,000m E

637,000m E

638,000m E

639,000m E

LEGEND

+ insufficient sample

scale: 1:10,000

0 100 200 300 600

metres

BLACKSTONE RESOURCES INC.

REIN PROPERTY

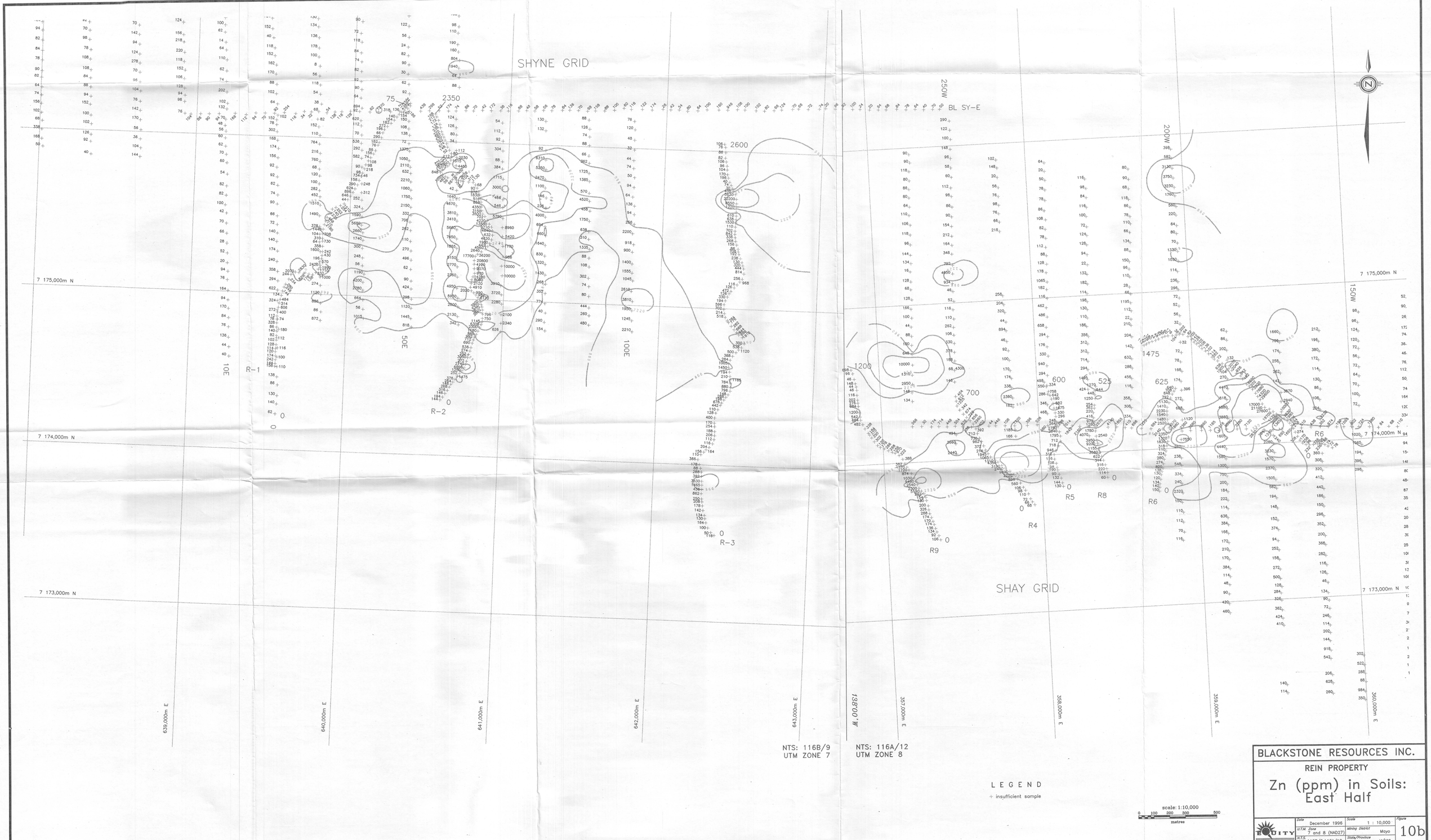
Zn (ppm) in Soils: West Half

EQUITY

Date	December 1996	Scale	1 : 10,000
U.T.M. Zone	7 (NAD27)	Mining District	Mayo
N.T.S.	116B/9,A/12	Prov/Province	Yukon

Figure 10a

C:\MIKE\EQUITY\PAT-WEST Fri Jan 10 12:34:07 1997



BLACKSTONE RESOURCES INC.

REIN PROPERTY

Zn (ppm) in Soils: East Half

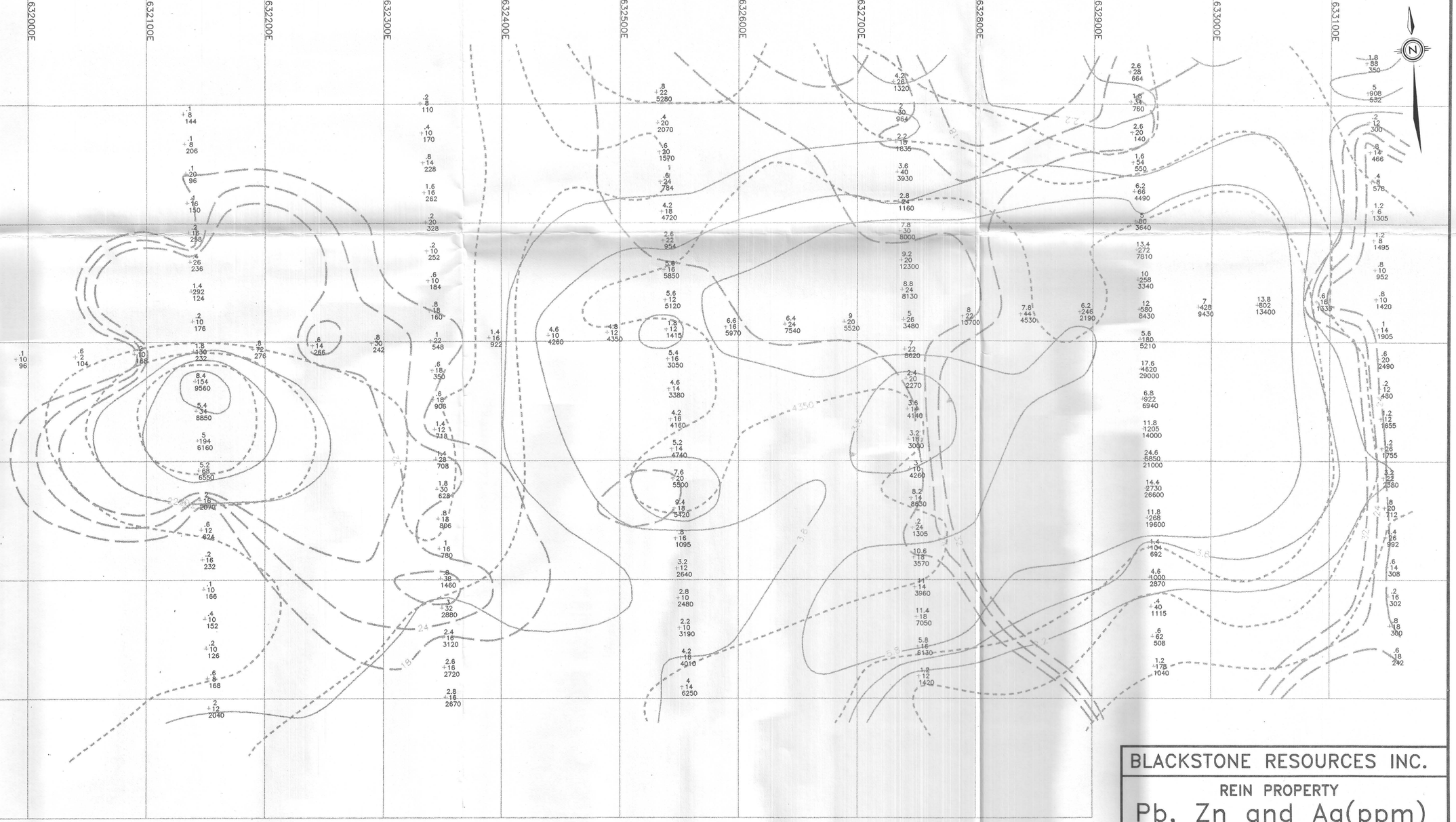
Date: December 1998		Scale: 1 : 10,000	Figure: 10b
U.T.M. Zone: 7 and 8 (NAD27)		Mining District: Mayo	
N.T.S.: 116B/9,116A/12		State/Province: yukon	

EQUITY

C:\MIKE\EQUITY\PAI-EAST Wed Jan 8 23:46:50 1997

631900E 632000E 632100E 632200E 632300E 632400E 632500E 632600E 632700E 632800E 632900E 633000E 633100E

7181100N
7181000N
7180900N
7180800N
7180700N
7180600N
7180500N



LEGEND

1.2 Ag (ppm)
+178 Pb (ppm)
1040 Zn (ppm)

Ag (ppm) contour
Pb (ppm) contour
Zn (ppm) contour

scale: 1:2500
0 20 40 60 100
metres

BLACKSTONE RESOURCES INC.

REIN PROPERTY

Pb, Zn and Ag(ppm) in Soils: TB Grid

EQUITY	Date: December 1996	Scale: 1 : 2500	Figure: 11
	U.T.M. Zone: 7(NAD27)	Mining District: Mayo	
	N.T.S.: 116B/9	State/Province: Yukon	

C:\MIKE\EQUITY\TBGRID Sun Jan 19 18:38:42 1997

LEGEND

- Nickel soil anomaly ->190 ppm (80th percentile)
- Molybdenum soil anomaly - >47 ppm (80th percentile)
- Arsenic soil anomaly - >38 ppm (80th percentile)
- Palladium soil anomaly - >10 ppb (80th percentile)
- Zinc soil anomaly - >860 ppm (80th percentile)
- 1976-77 UMEX soil analysis (Zinc)

METRES

0 500 1000 1500 2000 2500

BLACKSTONE RESOURCES INC.

REIN PROPERTY
SOIL COMPILATION MAP

YUKON TERRITORY

EQUITY ENGINEERING LTD.

DRAWN:	D.A.C./J.W.	MINING DISTRICT: MAYO	FIGURE 12
N.T.S.:	116 B/9, A/12	SCALE: 1: 20,000	
DATE:	JAN. 1996	REVISED:	