

Hunter Exploration Group
**1997 GEOLOGICAL &
GEOCHEMICAL REPORT
ON THE
TURNAGAIN PROJECT**

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Gold Commissioner's Office
VANCOUVER, B.C.

located in the Turnagain River Area
Liard Mining Division
NTS 104I/9E
British Columbia, Canada

58° 40' North Latitude
128° 08' West Longitude

-prepared for-

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GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
October 1997

25,186

SUMMARY

The Turnagain project is located approximately 115 kilometres east of Dease Lake, British Columbia, in the Turnagain River area of the Liard Mining Division. The Turnagain property is located at 58° 40' north latitude and 128° 08' west longitude, and consists of nine claims totalling 170 units. The property was staked to cover an area of anomalous silver and base metals in silt samples reported in the 1996 BC Regional Geological Survey Cry Lake release (BC RGS 44). Access to the property is by helicopter from Dease Lake. Alternatively, Blue Sheep Lake, located 15 km west-northwest of the Turnagain property, is suitable for float-equipped aircraft that could be used as a helicopter staging area for mobilization.

The Turnagain property covers possible source areas for silver and base metal anomalies in silt samples collected during the BC Regional Geochemical Survey of the Cry Lake map sheet in 1995. A number of RGS samples collected from within the property, as well as some from streams draining it, were anomalous in silver, zinc, molybdenum, lead, and tungsten. Samples from Ewe Creek, on the eastern edge of the property were extremely anomalous in lead and zinc.

Previous exploration in the area centred around the Ewe claims, now surrounded by the Turnagain 9 claim. Rip Van Mining Ltd. worked on the Ewe claims from 1967 to 1969 and discovered 48 surface showings of tungsten and base metal mineralization. Between 1969 and 1971, El Paso Mining and Milling carried out prospecting, detailed geological mapping, ultraviolet lamp surveys, and a 14 hole diamond drill program of unknown total footage on the Ewe claims. Tungstate values between 0.15% to 0.20% over 5 to 33 metres were returned from a calc-silicate skarn horizon. Between 1970 to 1972, El Paso carried out geological mapping, a soil geochemical survey (114 samples), and over 4000 metres of diamond drilling in twenty holes on the Herb showing, located on the Turnagain 8 claim. Results from the program are unavailable. In 1979, Union Carbide Canada Limited carried out detailed geological mapping, soil sampling surveys, and a 4 hole, NQ/BQ diamond drill program totalling at least 800 metres. In 1995, a Regional Geochemical Survey (RGS) program was completed in the Cry Lake map area. Silt and water samples were collected from 1159 sites, and the results published in BC RGS 44 in early July of 1996. The Turnagain property was staked based on these results. In the 1997 program for Hunter Exploration Group, a total of 18 mandays were spent prospecting and sampling the Turnagain property. Twenty-one rock samples, 78 silt samples, and 199 soil samples were collected and analysed.

Regional mapping by Gabrielse (1994) shows the Turnagain property to be largely underlain by early Cretaceous biotite granite of the Turnagain Pluton. This pluton has intruded Upper Proterozoic to Mississippian clastic and carbonate sedimentary and metasedimentary rocks of the Ancestral North America Terrane. In the area of the Turnagain property, carbonate and clastic sediments of the lower Cambrian Rosella and Boya formations overlie Ingenika Group carbonate sedimentary rocks with minor clastic sediments and metasediments of the Stelkuz, Espee, Swannell, and Tsaydiz formations present as well. Calc-silicate skarn development is common on the margins of the pluton.

Silt sampling from the eastern portion of the Turnagain property verified anomalous base metal and silver values obtained in the RGS survey. Extremely anomalous lead and zinc in silt samples are due to the Herb showing mineralization on the Turnagain 8 claim. Anomalous lead and zinc in silts from up stream of the Herb showing were identified, and may be explained by narrow sphalerite and galena veins hosted in small normal faults. Grab and float samples from these veinlets returned values as high as 661.6 ppm silver, 5.82% lead, and 3.23% zinc. On the eastern portion of the property two samples were anomalous in zinc with values of 254 and 288 ppm zinc. Soil sampling on the eastern portion of the Turnagain property identified a multi-station base metal and silver anomaly.

1997 GEOLOGICAL AND GEOCHEMICAL REPORT ON THE TURNAGAIN PROJECT, BRITISH COLUMBIA

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1.0 INTRODUCTION

The Turnagain Project, is situated in the Turnagain River area of north-central British Columbia (Figure 1). The project area lies approximately 115 kilometres east of the town of Dease Lake, British Columbia. The claims were staked in the summer of 1996, to cover an area of anomalous silver and base metals values in silt samples from the 1996 BC Regional Geochemical Survey Cry Lake Release (RGS 44). This report details the 1997 program, summarizing geological and geochemical findings.

2.0 LIST OF CLAIMS

The Turnagain project comprises a total of 9 contiguous claims encompassing 170 units. The property is located within the Liard Mining Division of British Columbia (Figure 2). Claim details are summarized in Table 2.0.1. Records of the British Columbia Mineral Titles Branch indicate the claims are wholly owned by John Robins; separate documents indicate that the claims are held for Hunter Exploration Group.

**TABLE 2.0.1
CLAIM DATA**

Claim Name	Tenure Number	No. of Units	Record Date	Expiry Date
Turnagain 1	349267	20	August 2, 1996	1998*
Turnagain 2	349268	20	August 2, 1996	1998*
Turnagain 3	349269	20	August 2, 1996	1998*
Turnagain 4	349270	15	August 2, 1996	1998*
Turnagain 5	349271	20	August 4, 1996	1998*
Turnagain 6	349272	20	August 4, 1996	1998*
Turnagain 7	349273	15	August 4, 1996	1998*
Turnagain 8	349274	20	August 4, 1996	1998*
Turnagain 9	349274	20	August 4, 1996	1998*
		170		

* Subject to approval of work covered by this report.

3.0 LOCATION, ACCESS, AND GEOGRAPHY

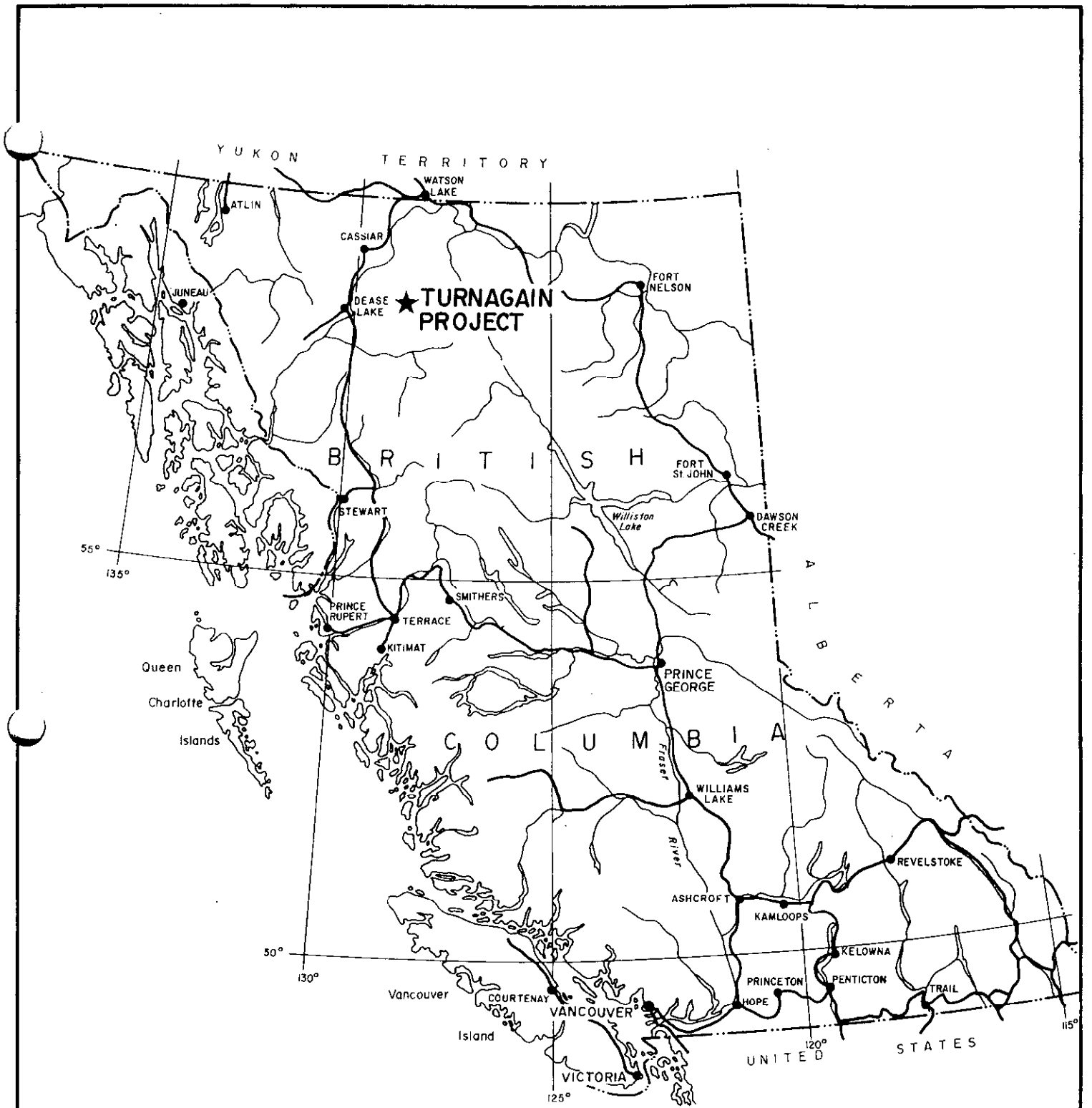
The Turnagain project is located approximately 115 kilometres east of Dease Lake in northwestern British Columbia, centred at 58° 40' north latitude and 128° 08' west longitude. Topography is mountainous, characterized by broad u-shaped valleys. Elevations range from 1000 metres to 2190 metres above sea level.

The Turnagain project area is subject to a continental climatic regime, with moderate summers and cold winters. Vegetation is varied, consisting of willows and buckbrush with minor coniferous growth in lower elevations and drainages, to coniferous forest, and to sub-alpine to alpine meadows above treeline. Large areas in the higher elevations in the central portion of the property are dominated by alpine moss and grasses.

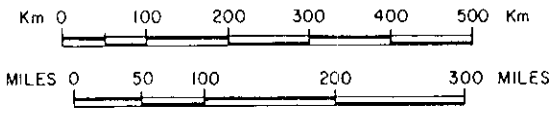
The paved Stewart-Cassiar Highway passes through Dease Lake as does the rail-bed for the unfinished B. C. Rail northern line. Access to the property is by helicopter from Dease Lake. Blue Sheep Lake, located 15 km west-northwest of the Turnagain property, is suitable for float-equipped aircraft, and could be used as a helicopter staging area for mobilization. Cat roads exist on the eastern side of the property dating back to diamond drilling conducted on the property in 1970-72. The condition of the cat trails up to the property are not known.

4.0 PROPERTY EXPLORATION HISTORY

Previous to 1969, tungsten showings in the region were discovered by William Kuhn and were staked by El Paso Mining and Milling Company. Rip Van Mining Ltd. worked on the Ewe claims from 1967 to 1969 and discovered 48 surface showings of tungsten and base metal mineralization.



HUNTER EXPLORATION GROUP					
TURNAGAIN PROJECT LOCATION MAP					
	Date	SEPT. 1997	Scale	As shown	Figure
	U.T.M. Zone	9	Mining Dist.	LIARD	1
	Projection	NAD-27	State/Prov	BC	



Between 1969 and 1971, El Paso carried out prospecting, detailed geological mapping, ultraviolet lamp surveys, and a 14 hole diamond drill hole program of unknown total footage on the Ewe claims (located within the Turnagain 9 Claim). Tungstate values between 0.15% to 0.20% over 5 to 33 metres were returned from a calc-silicate skarn horizon.

Between 1970 to 1972, El Paso Mining and Milling Company carried out geological mapping, a soil geochemical survey (114 samples), and over 4000 metres of diamond drilling in twenty holes on the Herb showing, located on the Turnagain 8 claim. Results from the program are unavailable.

In 1979, Union Carbide Canada Limited carried out detailed geological mapping, soil sampling surveys, and a 4 hole, NQ/BQ diamond drill program totalling at least 800 metres (Forster, 1990, & Liverton, 1979).

In 1995, a Regional Geochemical Survey (RGS) program was completed in the Cry Lake map area (Jackaman, 1996). Stream sediment and water samples were collected, and field observations recorded from 1159 sites in the survey area, and were released in early July of 1996 as Open File BC RGS 44. Numerous base and precious metal anomalies throughout the Cry Lake map sheet were the impetus for the staking of approximately 1400 units in the study area immediately after the release (Cook et al, 1996). The Turnagain property was staked to cover possible source areas for anomalous gold, silver, and copper results obtained in the RGS survey.

5.0 1997 EXPLORATION PROGRAM

Owing to the large size of the Turnagain property, it was explored in two blocks by two separate crews. The two blocks are Turnagain East and Turnagain West.

A total of 10 mandays were spent mapping, prospecting and sampling the west side of the Turnagain property by a crew consisting of a geologist and a sampler. Six rock samples, 40 silt samples, and 158 soil samples were collected from the Turnagain West. Eight mandays were spent mapping, prospecting and sampling the Turnagain East block. Fifteen rock samples, 38 silt samples and 41 soil samples were collected from Turnagain East. All samples were analyzed for gold geochemically and for 32 additional elements by ICP at Chemex Labs in North Vancouver. Rock sample descriptions are found in Appendix C, and analytical certificates are in Appendix D.

6.0 REGIONAL GEOLOGY

The Turnagain property is located within Upper Proterozoic to Mississippian aged clastic and carbonate sedimentary and metasedimentary rocks of the Ancestral North America Terrane (Gabrielse, 1994). The Turnagain project area is underlain by limestone, dolostone, shale, phyllite, siltstone, sandstone and quartzitic sandstone of the Rosella and Boya Formations (Lower Cambrian Atan Group). These formations overlie Ingenika Group chloritic sandstone, shale, limestone, dolostone, phyllite and sericite-chlorite phyllite, schist, quartzite, and quartz-pebble conglomerate of the Stelkuz, Espee, Swannell, and Tsaydiz formations. All of the aforementioned units have been intruded by the Early Cretaceous Cassiar Plutonic Suite. Biotite granite of the Turnagain Pluton (Early Cretaceous) is prominent in the project area, with calc-silicate skarn commonly developed on its margins.

7.0 PROPERTY GEOLOGY

7.1 Turnagain West Geology

Limited geological mapping was conducted on the Turnagain West property. Geology of the property from Gabrielse (1994) indicates that the Turnagain property is predominantly underlain by the Cretaceous Turnagain Pluton, a biotite granite. The pluton intrudes Paleozoic Cambrian aged limestone, dolostone, and shale of the Rosella Formation. Field mapping on the property encountered limestone, dolostone, phyllite and shale, likely belonging to the Rosella Formation. The few bedding measurements obtained indicate a west to northwest strike of the sedimentary package. The biotite granite of the Turnagain Pluton forms very distinctive steep cliffs in Main Creek valley. Outcrop in Main Creek valley is very sparse and little geological information could be gathered.

7.2 Turnagain East Geology

Turnagain East is dominantly underlain by the Early Cretaceous Turnagain Pluton (Gabrielse, 1994). It is a strongly jointed biotite granite, which forms prominent cliffs. The pluton intrudes sediments and metasediments of the Espee (uPE), Swannell and Tsaydiz (uPST) formations. Locally, the pluton is strongly kaolinized, hosting sphalerite/galena vein mineralization at the Herb showing on Turnagain 8. Marginal to the pluton, calc-silicate skarns containing tungsten, with minor copper, lead and zinc mineralization are developed. Garnet-vesuvianite skarn and calc-silicate hornfels occur adjacent to the pluton within interbedded quartz-biotite schist, phyllite, quartzite, and minor limestone, dolostone and marble. Mapping and prospecting in the Turnagain East block encountered predominantly biotite granite, with minor phyllite and quartz-biotite schist.

8.0 GEOCHEMISTRY

Owing to the two distinct bedrock lithologies, soil samples were separated into east and west populations and statistical analysis was completed on both sets of data to avoid biasing either group. Tables 8.1.1, 8.1.2 and 8.2.1 show the percentiles for all Turnagain samples, Turnagain West, and Turnagain East soil samples.

8.1 Turnagain West Geochemistry

A total of 48 silt samples were taken during the course of prospecting drainages on the west side of the Turnagain property. Of these samples only samples 4730 and 108216 returned values that are considered statistically high relative to the RGS data. Silt 4730 located on Lake Creek returned a value of 254 ppm zinc and sample 108216 located on Open Field Creek returned a value of 288 ppm zinc with all other elements returning relatively low values.

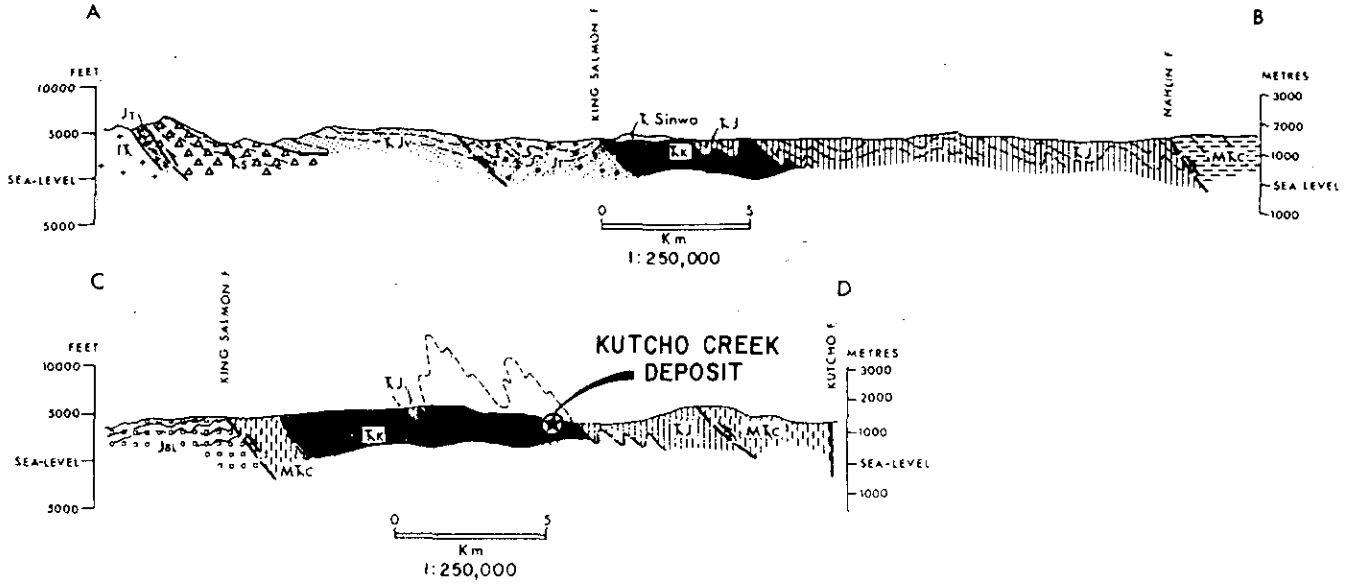
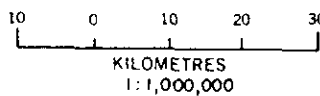
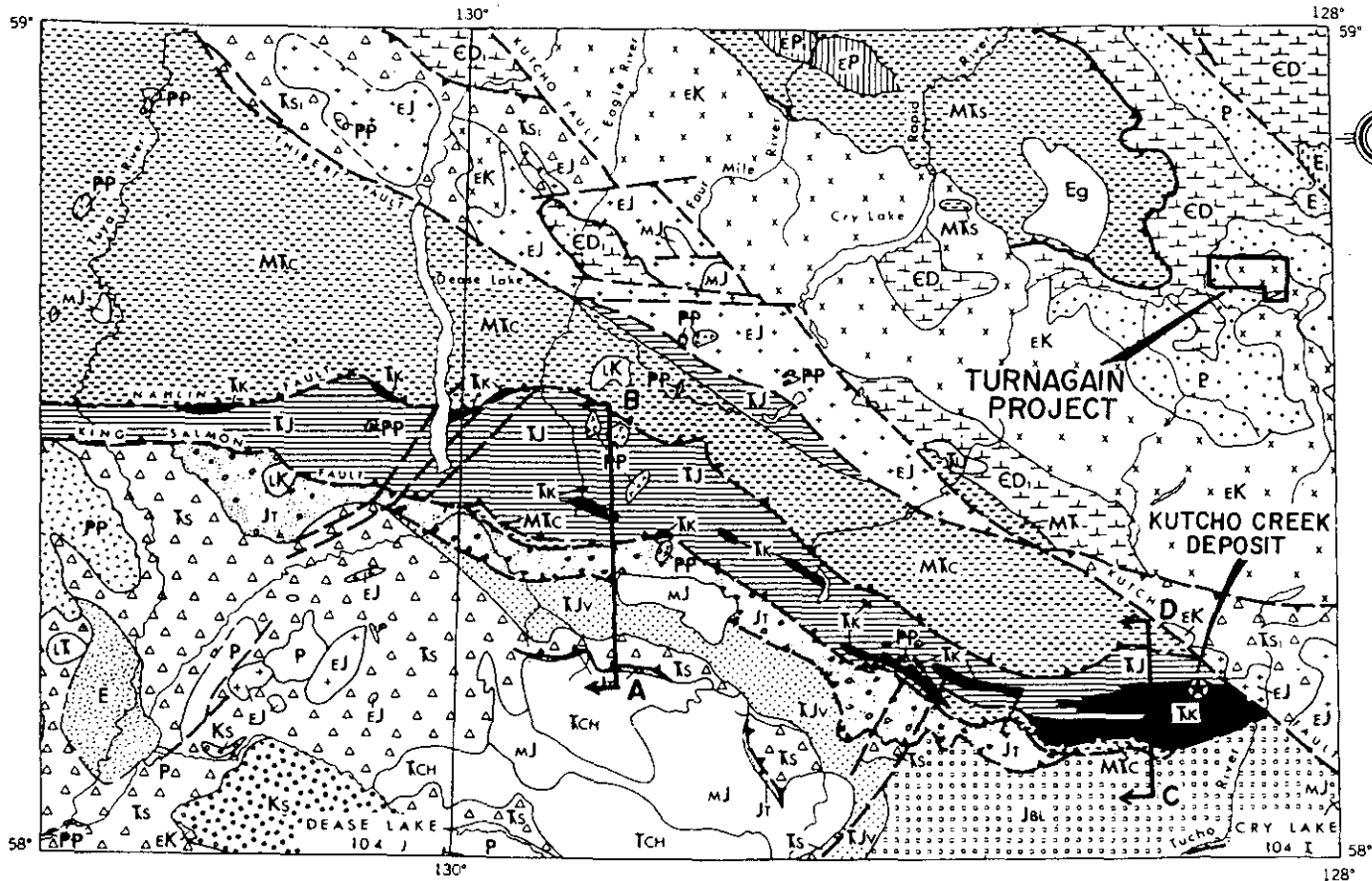
A total of 158 soil samples were collected from the Turnagain West property. The property displayed a more subdued geochemical signature than the Turnagain East sample population with the exception of copper. Copper values on the west property are slightly higher than the east property.

Line TR contained the most anomalous results with numerous stations having anomalous concentrations of lead, molybdenum, zinc, arsenic, and copper. Multiple element anomalies are located at stations TR 1600M to TR 1900M. Station TR1800M and TR 1900M have silver, molybdenum and zinc values greater than the 95th percentile with station TR 1800M having a lead value of 32 ppm, which is above the 95th percentile. Values returned from soil geochemistry on the rest of property are generally low.

Six rock samples were taken during the course of the program. A large quartz vein appears to be hosted at the contact between the granite and the sediments north of Main Creek and measures approximately 8 metres in strike length, with a true width in the order of 6 metres. No sulphides were observed. A second vein was discovered on the plateau north of Main Creek. It strikes north-south and is approximately 2.5 metres width at the sample location and appears to pinch and swell along strike. The vein likely strikes sub-parallel to the contact of the intrusive and sediments. Trace pyrite was observed along this vein. None of the samples taken on the Turnagain West property returned any significant metal values.

TABLE 8.1.1
SOIL GEOCHEMISTRY - TURNAGAIN EAST & WEST

Percentile	Au (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)
99 th	<5	3.0	102	31	15.5	775	826
97 th	<5	2.3	52	24	7.0	329	613
95 th	<5	1.8	40	23	6.0	220	492
90 th	<5	1.0	21	21	5.0	102	329
80 th	<5	0.2	10	17	4.0	38	204
50 th	<5	0.1	3	11	1.0	12	95
Max. Value	30	6	134	35	17	1105	1540



Legend on following page.
Adapted from Thorstad and Gabrielse (1986)

HUNTER EXPLORATION GROUP					
TURNAGAIN PROJECT					
REGIONAL GEOLOGY					
	Date	SEPT. 1997	Scale	AS SHOWN	Figure 3.
	U.T.M. Zone	9	Mining Dist.	LIARD	
	Projection	NAD-27	State/Prov.	B.C.	

LEGEND

(to accompany Figure 3)

PLIOCENE AND PLEISTOCENE

PP Basaltic flows, ash

EOCENE

Eg Granite, locally miarolytic

E Conglomerate, shale, siltstone, coal

E₁ Rhyolite

CRETACEOUS

uK Granite

LOWER AND MIDDLE CRETACEOUS

Ks **Sustut Group:** sandstone, shale, conglomerate; nonmarine

LK Granite

MIDDLE JURASSIC

JBL **Bowser Lake Group:** pebble conglomerate, sandstone, shale; in part nonmarine; includes andesitic volcanic rocks in eastern part

MJ Granodiorite, monzodiorite, monzonite

LOWER JURASSIC

JT **Takwahoni Formation:** greywacke, shale, conglomerate; minor sandstone, limestone

LJ Granodiorite, diorite, monzodiorite

UPPER TRIASSIC AND LOWER JURASSIC

TJ **Sinwa and Inklin Formations:** Sinwa limestone; Inklin greywacke, phyllitic slate, conglomerate

TJv Andesitic volcanics, flows, breccia

UPPER TRIASSIC

TK **Kutcho Formation:** basaltic to rhyolitic schists (flows, breccia, crystal tuff); fine-grained volcanic sediments, basic schist; conglomerate, may be basal Inklin Formation, in part

LT Monzodiorite, granodiorite

MIDDLE AND UPPER TRIASSIC

Ts **Stuhini Group and unnamed rocks:** andesite, tuff, breccia, volcanic sandstone

Tu Peridotite, dunite, pyroxenite

Ts includes Upper Triassic limestone and Lower Jurassic shale, greywacke, conglomerate

MISSISSIPPIAN TO TRIASSIC

MT Greenstone, rhyolite, chlorite phyllite, tuff; age uncertain

MTs **Sylvester Group:** chert, argillite, basalt, limestone, ultramafic rocks, tonalite, diorite

MTc **Cache Creek Group:** chert, argillite, ultramafic rocks, gabbro, basalt, limestone

PERMIAN

P Limestone, greenstone, phyllite, chert

LP Diorite, granodiorite

LP₁ Granite; age uncertain

CAMBRIAN TO UPPER DEVONIAN

CD/CD₁ **Atan, Kechika, Sandpile and McDame Groups:** sandstone, siltstone, shale, limestone, dolomite

CD Mainly shelf and platform facies

CD₁ Mainly off-shelf facies

UPPER PROTEROZOIC

P **Ingenika Group:** metamorphosed siltstone, sandstone, shale; limestone, dolomite

Geology taken from Thorstad and Gabrielse (1986).

TABLE 8.1.2
SOIL GEOCHEMISTRY - TURNAGAIN WEST

Percentile	Au (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)
99 th	<5	0.6	20	32	15.9	34	313
97 th	<5	0.5	17	24	8.2	31	289
95 th	<5	0.4	13	24	6.3	28	270
90 th	<5	0.2	10	21	6.0	23	181
80 th	<5	0.1	6	19	4.2	16	122
50 th	<5	0.1	2	13	2.0	10	80
Max. Value	30	1.0	22	35	17.0	38	318

8.2 Turnagain East Geochemistry

The Turnagain East block has a markedly different geochemical signature than the Turnagain West. This is largely due to the two known occurrences that occur on this half of the property. The Herb (lead/zinc/silver) and the Ewe (WO₂ + minor lead/zinc) are the source of anomalous stream sediment geochemistry results from the RGS, and the program of 1997. The Herb showing is obvious in soil geochemistry results from the 1997 program. Table 8.2.1 summarizes the percentile rank for soil samples from the Turnagain East. Soil geochemical results are anomalous for lead, zinc, and silver on the east side of Ewe Creek, on line CL1742.

TABLE 8.2.1
TURNAGAIN EAST

Percentile	Au (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)
99 th	<5	5.0	122	16	5.2	1097	1299
97 th	<5	3.2	103	14	4.0	972	897
95 th	<5	2.6	100	13	4.0	522	734
90 th	<5	2.4	62	12	4.0	466	642
80 th	<5	1.8	40	11	3.0	218	478
50 th	<5	0.8	10	8	1.0	82	206
Max. Value	<5	6.0	134	17	6.0	1105	1540

Silt sample geochemistry is very anomalous in the area of the Herb showing. Samples collected from the west side of Ewe Creek and from the headwaters to the north contain anomalous lead, zinc and silver. Values from those draining the Herb area are very anomalous when compared to the RGS data (Cassiar Batholith data set). Elevated lead and zinc from silts collected north and west of the Herb occurrence are likely due to a number of small, heavily oxidized sphalerite and galena veins that occur along faults within the biotite granite. Alteration consists of quartz, calcite, and weak clay extending up to 20 centimetres into the wallrock. To date, all have measured less than 10 centimetres true width. Grab samples from these veinlets returned values of up to 661.6 ppm silver, 5.82% lead, and 3.23% zinc. Veinlets of this type are most common, north and east of Ewe, and West Ewe Creeks.

9.0 DISCUSSION

The results of the silt sampling on the Turnagain West property were disappointing as the Main and Southbound Creek drainages did not return metal values comparable to the results of RGS sample 5036.

Of interest is soil line TR which appears to be underlain entirely by Rosella Formation sediments. Numerous stations along the line returned moderate to high values in zinc and moderate values in lead, silver and copper. In addition, two silt samples, 4730 and 108216, returned anomalously high values for zinc near the north end of the line. Nelson (1987) indicates that Rosella Formation limestones host manto or replacement style sulphide mineralization on the Silverknife claims and also at the Butler Mountain occurrence in the Yukon. The potential exists for the Turnagain West property to host manto style lead-zinc mineralization. A program to follow up results of the 1997 program should focus on the area surrounding soil line TR. Grid based soil geochemistry and possibly geophysics in conjunction with prospecting and geological mapping should be conducted over the anomalous area, however geological mapping/prospecting will be hindered by the limited outcrop exposure. Rock sampling on Turnagain West did not return any significant values.

Silt sampling on the Turnagain East, verified silver and base metal anomalies in silts from the 1996 RGS release. The Herb and Ewe showings are both located within the catchment basin for Ewe Creek. Extremely anomalous values obtained by both the RGS and the 1997 program are due to these two occurrences. It is unclear what the significance of the Herb showing is at this time. Data on past programs is scarce, and core stored at the project site is in extremely poor condition. Further work, and/or access to data from previous programs would be essential to evaluate this occurrence. Anomalous silver, lead, and zinc in silts was identified in the headwaters of Ewe Creek, upstream of the Herb and Ewe. This can be attributed to sphalerite-galena veinlets hosted in small normal faults exposed in the ridges as drainages. Veinlets tend to be thin (<10 cm), and heavily oxidized, with calcite, quartz, and weak clay alteration. Clay alteration may indicate that veining may be similar to those of the Herb occurrence. Veinlet frequency is highest north and east of Ewe and West Ewe Creeks, indicating that the veinlets may be associated with skarn mineralization noted at the sediment/intrusive contact.

Respectfully submitted,

Jason Weber, B.Sc.
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October, 1997

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APPENDIX A

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BIBLIOGRAPHY

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APPENDIX B

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES
TURNAGAIN PROJECT - TURNAGAIN 1-9 CLAIMS
 June 1997

*Pro-rated based on number of mandays on the Turnagain Property

PROFESSIONAL FEES AND WAGES

*Henry J. Awmack, P. Eng.			
0.375 days @ \$425/day	\$	65.20	
*Stewart Harris, Project Geologist			
1.5 days @ \$425/day		260.80	
*Jim Lehtinen, P. Geo			
8.06 days @ \$425/day		3,425.50	
*Jason Weber, Geologist			
5.89 days @ \$350/day		2,061.50	
*Dirk Moraal, Prospector			
4.818 days @ \$300/day		1,445.40	
*Rory Edwards, Sampler			
6.636 days @ \$225/day		1,493.10	
*Clerical			
32 hours @ \$25/hour		<u>327.27</u>	
	\$		9,078.77

EXPENSES

*Accommodation	\$	253.51	
*Aircraft Charters		836.35	
*Automobile Fuel		195.15	
*Bulk Fuel		549.68	
*Camp Food		271.81	
*Camp Supplies		20.61	
*Chainsaw Rental		24.55	
Chemical Analyses		4,260.23	
*Courier		13.52	
*Fax Charges		0.36	
*Ferries		32.11	
*Helicopter Charters		4,001.26	
*Maps and Publications		188.88	
*Materials and Supplies		729.44	
*Meals		153.57	
*Parking		0.77	
*Printing and Reproductions		262.42	
*Radio Rental		207.18	
*Satellite Phone Rental		175.46	
*Telephone Distance Charges		36.57	
*Truck Rental		<u>1,190.93</u>	
	\$		13,404.36

EQUIPMENT RENTALS

Fly Camp			
18 mandays @ \$25/manday	\$	450.00	
Handheld Radios			
4 days @ \$5/day		20.00	

Pentium Notebook			
2 days @ \$15/day	<u>30.00</u>	\$	500.00
REPORT			
Drafting	\$ 500.00		
Printing and Reproductions	166.67		
Time	<u>1,333.33</u>	\$	<u>2,000.00</u>
SUBTOTAL		\$	24,983.12
PROJECT SUPERVISION CHARGE			
12% on sub-total (\$24,983.12)			<u>2,997.97</u>
SUBTOTAL			27,981.10
GST			
7.0 % on subtotal (including project supervision charges)			1,958.68
TOTAL		\$	<u><u>29,939.77</u></u>

APPENDIX C

ROCK SAMPLE DESCRIPTIONS

MINERALS AND ALTERATION TYPES

AZ	azurite	BI	biotite	BO	bornite
CA	calcite veining	CB	carbonate	CC	chalcocite
CL	chlorite	CP	chalcopyrite	CU	native copper
CV	covellite	CY	clay	DI	diopside
EP	epidote	FM	ferromolybdate	FP	feldspar
GA	garnet	GE	goethite	GL	galena
HE	earthy hematite	HS	specularite	JA	jarosite
KF	K-feldspar	MC	malachite	MG	magnetite
MN	Mn-oxides	MO	molybdenite	MS	sericite
MU	muscovite	NE	neotocite	PY	pyrite
QV	quartz veining	SI	silica	SP	sphalerite

ALTERATION INTENSITY

m	moderate	s	strong	tr	trace
vs	very strong	w	weak		

Rock Sample Descriptions

Project Name: Cry Lake Regional Project: HEG97-01 NTS: 104I/9

Sample Number:	Grid North:	N	Grid East:	E	Type:	Alteration:	Au (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)
2717 Turnagain	UTM 6507770N	N	UTM 548740	E	Float	sBI,tr-wU/K	<5	37.6	6	17
	Elevation 1675	m	Sample Width: 10	cm	Strike Length Exp:	m Metallics: trGL,trPY,trSP				
	Orientation				True Width:	Secondaries: sGE,sJA	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	
					Host : Skarn? or Fe-creted conglomerate		<1	8320	2.20%	
Comments: Goethite rind covering jarosite rind surrounding black mineral (sooty, matte) with bebs of unknown translucent mineral containing sphalerite/galena.										
2718 Turnagain	UTM 6507770N	N	UTM 548740	E	Float	mCA,wCB,?DO,trMS,wQZ	<5	<.2	<2	3
	Elevation 1575	m	Sample Width: 15	cm	Strike Length Exp:	m Metallics: trPY				
	Orientation				True Width:	Secondaries: wGE	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	
					Host : Skarn		1	62	868	
Comments: Quartz-calcite-iron carbonate(?) altered rock. Looks like fragments of granite in quartz/calcium carbonate vein flooded area. 3m upslope from 2717.										
2719 Turnagain	UTM 6508100N	N	UTM 548740	E	Grab	mCA,w-mCB,trCL,tr-wCY,tr	<5	1.4	<2	<1
	Elevation 1790	m	Sample Width: 25	cm	Strike Length Exp: 6	m Metallics: trPY				
	Orientation 058°/85° SE				True Width:	Secondaries: mGE,trHE,w-mJA	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	
					Host : Granite		2	254	4760	
Comments: Quartz/calcite/carbonate and ? sulphide veinlet (3cm) wide meandering and pinch and swelling. Breccia zone with quartz/calcite/carbonate +/- oxide surrounds veinlet about 20cm into wallrock.										
2720 Turnagain	UTM 6507490N	N	UTM 548640	E	Float	sQZ,wMV	<5	0.2	<2	2
	Elevation 1690	m	Sample Width: 15	cm	Strike Length Exp:	m Metallics: trPY				
	Orientation				True Width:	Secondaries: wGE	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	
					Host : Intrusive-altered wallrock		<1	8	46	
Comments: 15X10X10cm quartz float with about 2cm altered intrusive wall rock. Other quartz float around.										
2721 Turnagain	UTM 6507380N	N	UTM 548360	E	Grab	tr-wCA,tr-wQZ	<5	<.2	<2	11
	Elevation 1845	m	Sample Width: 30	cm	Strike Length Exp: 0.65 mm	Metallics: trPY				
	Orientation				True Width:	Secondaries: IrGE	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	
					Host : Dyke		1	16	172	
Comments: Dyke (later fine-grained gran?) with <1mm quartz/calcite/pyrite veinlets.										
2722 Turnagain	UTM 6507380N	N	UTM 548360	E	Grab	wCL	<5	0.4	2	2
	Elevation 1845	m	Sample Width: 15	cm	Strike Length Exp: 5	m Metallics: trPY				
	Orientation				True Width: 5	Secondaries: wJA	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	
					Host : Granodiorite		<1	118	646	
Comments: Altered granodiorite near (overburden about 5.0m southwest then outcrop of altered granodiorite) dyke. Weathered clay alteration, weathered jarosite.										

Rock Sample Descriptions

Project Name: Cry Lake Regional

Project: HEG97-01

NTS: 104I/9

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: ?CL,mQZ,mMU	<u>Au (ppb)</u>	<u>Ag (ppm)</u>	<u>As (ppm)</u>	<u>Cu (ppm)</u>
2723	UTM 6507220N	N	UTM 548150	E	Strike Length Exp: 5	m Metallics: trPY	<5	0.6	<2	3
	Elevation 1925	m	Sample Width: 10	cm	True Width: 4	m	<u>Mo (ppm)</u> <u>Pb (ppm)</u> <u>Zn (ppm)</u>			
Turnagain	Orientation 200°/88° NW		Vein		Host: granodiorite		<1	26	100	

Comments: Parallel and cross-cutting 2-4cm quartz veins (3 total). Wall rock (5cm) - vein in sample.

Sample Number:	Grid North:	N	Grid East:	E	Type: Chip	Alteration: wCY	<u>Au (ppb)</u>	<u>Ag (ppm)</u>	<u>As (ppm)</u>	<u>Cu (ppm)</u>
2727	UTM 6507270N	N	UTM 548820	E	Strike Length Exp: 25	m Metallics: trPY	<5	26	104	16
	Elevation 1645	m	Sample Width: 0.75	cm	True Width: 0.75	cm	<u>Mo (ppm)</u> <u>Pb (ppm)</u> <u>Zn (ppm)</u>			
Turnagain	Orientation 052°/85° SE		Vein		Host: Biotite granite		<1	104	1.08%	

Comments: Goethite? stain outcrop in creek in steep outcrop of biotite granite. Zone of altered granite extends 30cm around heavily goethite/hematite and moderate jarosite with vein (20cm).

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: wCY	<u>Au (ppb)</u>	<u>Ag (ppm)</u>	<u>As (ppm)</u>	<u>Cu (ppm)</u>
2728	UTM 6508060N	N	UTM 548010	E	Strike Length Exp:	m Metallics:	<5	0.6	12	<1
	Elevation 1915	m	Sample Width: 10	cm	True Width:	Secondaries: mGE,mMN	<u>Mo (ppm)</u> <u>Pb (ppm)</u> <u>Zn (ppm)</u>			
Turnagain	Orientation				Host: Biotite granite		<1	146	1150	

Comments: Grey-black stain on float at altered biotite granite - very weak alteration, probably clay. No outcrop source found - no trace of a fault on ground.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration:	<u>Au (ppb)</u>	<u>Ag (ppm)</u>	<u>As (ppm)</u>	<u>Cu (ppm)</u>
316614	UTM 6505630N	N	UTM 541300	E	Strike Length Exp: 20	m Metallics: trPY	<5	<2	<2	18
	Elevation 1195	m	Sample Width: 5	m	True Width: 5	m	<u>Mo (ppm)</u> <u>Pb (ppm)</u> <u>Zn (ppm)</u>			
Turnagain	Orientation				Host: Phyllite		1	10	66	

Comments: Finely laminated phyllite - dark grey, laminations <2mm. Minor pyrite as 0.5mmX1mm lenses along bedding. Also calcite veining (rare) with pyrite. Sample = subcrop grab over 5m.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration:	<u>Au (ppb)</u>	<u>Ag (ppm)</u>	<u>As (ppm)</u>	<u>Cu (ppm)</u>
316615	UTM 6505260N	N	UTM 540950	E	Strike Length Exp: 7	m Metallics:	<5	<2	<2	2
	Elevation 1160	m	Sample Width: 2	m	True Width: 2	m	<u>Mo (ppm)</u> <u>Pb (ppm)</u> <u>Zn (ppm)</u>			
Turnagain	Orientation 155°/90° SW				Host: Limestone (Breccia zone)		4	18	30	

Comments: Rusty brecciated and recrystallized brown limestone (iron carbonate) and calcite hosted in black to white limestone and recrystallized limestone.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration:	<u>Au (ppb)</u>	<u>Ag (ppm)</u>	<u>As (ppm)</u>	<u>Cu (ppm)</u>
316617	UTM 6508640N	N	UTM 540870	E	Strike Length Exp:	m Metallics:	<5	<2	8	22
	Elevation 1445	m	Sample Width:		True Width:	Secondaries:	<u>Mo (ppm)</u> <u>Pb (ppm)</u> <u>Zn (ppm)</u>			
Turnagain	Orientation				Host: Graphitic shale with qtz stgrs		3	4	6	

Comments: No visible sulphide - moderate rusty surface - graphite on small slips - quartz veining in numerous blocks.

Rock Sample Descriptions

Project Name: Cry Lake Regional

Project: HEG97-01

NTS: 104I/9

Sample Number:	Grid North:	N	Grid East:	E	Type:	Alteration:	<u>Au (ppb)</u>	<u>Ag (ppm)</u>	<u>As (ppm)</u>	<u>Cu (ppm)</u>
316618	UTM 6508550N	N	UTM 540990	E	Float	Alteration:	<5	<.2	<2	<1
Turnagain	Elevation 1445	m	Sample Width:		Strike Length Exp:	m	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	
	Orientation				True Width:	Secondarys:	<1	2	6	
Comments: Quartz-carbonate vein float with numerous phyllite inclusions. No sulphide.										
316619	UTM 6507690N	N	UTM 542770	E	Grab	Alteration:	<5	<.2	20	2
Turnagain	Elevation 1605	m	Sample Width: 12	m	Strike Length Exp: 25	m	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	
	Orientation 190°/55° W		Vein		True Width: 6	m	<1	4	12	
Comments: Quartz vein blowout 12m vertical height, approximately 8m horizontal. True width is 6m? No sulphide. Random grab across width. Hanging wall = phyllites. Foot wall = granite.										
316620	UTM 6508150N	N	UTM 542900	E	Grab	Alteration:	<5	<.2	14	1
Turnagain	Elevation 1655	m	Sample Width: 2.5	m	Strike Length Exp: 40	m	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	
	Orientation 180°/55° W				True Width:	Secondarys:	<1	8	10	
Comments: Barren quartz vein. Minor manganese? along fractures.										
316660	UTM 6509180N	N	UTM 549950	E	Float	Alteration:	<5	<.2	<2	58
Turnagain	Elevation 2010	m	Sample Width:		Strike Length Exp:	m	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	
	Orientation				True Width:	Secondarys:	<1	<2	6	
Comments: Rusty quartz lens in quartzite. Pyrrhotite..										
316661	UTM 6509240N	N	UTM 549950	E	Float	Alteration:	<5	<.2	4	10
Turnagain	Elevation		Sample Width:		Strike Length Exp:	m	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	
	Orientation				True Width:	Secondarys: HE,Limonite	<1	<2	6	
Comments: Boxwork; close to intrusive contact.										
316662	UTM 6508450N	N	UTM 549940	E	Float	Alteration:	30	19.3oz/T	1190	28
Turnagain	Elevation 1740	m	Sample Width:		Strike Length Exp:	m	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	
	Orientation				True Width:	Secondarys:	1	5.82%	3.23%	
Comments: Black fault material, botryoidal structure - fragments scattered around granitic boulders on slide.										

Rock Sample Descriptions

Project Name: Cry Lake Regional Project: HEG97-01 NTS: 104I/9

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration:	<u>Au (ppb)</u>	<u>Ag (ppm)</u>	<u>As (ppm)</u>	<u>Cu (ppm)</u>
316668	UTM 6507020N	N	UTM 549810	E	Strike Length Exp:	m Metallics:	125	17.6	7200	231
	Elevation 1720	ft	Sample Width:		True Width:	Secondaries: sGE,sMN	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	
Turnagain	Orientation				Host : Granites		4	156	2.61%	

Comments: Black manganese stained granite and probably "vein material" 25m south of CL1740-1200SW.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration:	<u>Au (ppb)</u>	<u>Ag (ppm)</u>	<u>As (ppm)</u>	<u>Cu (ppm)</u>
316669	UTM 6506830N	N	UTM 549890	E	Strike Length Exp:	m Metallics:	<5	<.2	32	1
	Elevation 1710	m	Sample Width:		True Width:	Secondaries:	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	
Turnagain	Orientation				Host : Altered granitic rock		<1	42	124	

Comments: Clay alteration and black quartz crystals.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: QZ	<u>Au (ppb)</u>	<u>Ag (ppm)</u>	<u>As (ppm)</u>	<u>Cu (ppm)</u>
316670	UTM 6506940N	N	UTM 549850	E	Strike Length Exp:	m Metallics: PY	<5	0.6	48	3
	Elevation 1740	ft	Sample Width:		True Width:	Secondaries: GE,JA,MN	<u>Mo (ppm)</u>	<u>Pb (ppm)</u>	<u>Zn (ppm)</u>	
Turnagain	Orientation				Host : Granite		<1	90	496	

Comments: Float and "subcrop" - shear with manganese, quartz vein fragments, boxwork, pyrite (close to CL1742-1300SW).

APPENDIX D

CERTIFICATES OF ANALYSIS

SOIL, SILT AND ROCK SAMPLES



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

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

A9732374

Comments: ATTN: J. WEBER/J. LEHTINEN CC: J. ROBBINS/L. BARRY

CERTIFICATE

A9732374

(EIA) - EQUITY ENGINEERING LTD.

Project: HEG97-01
P.O.#:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-JUL-97.

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
383	1	Ag oz/T	FA-GRAVIMETRIC	0.1	30.0
312	2	Pb %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0
316	5	Zn %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0



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

Project: HEG97-01
Comments: ATTN: J. WEBER/J. LEHTINEN CC: J. ROBBINS/L. BARRY

Page Number : 1
Total Pages : 1
Certificate Date: 21-JUL-97
Invoice No. : I9732374
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS

A9732374

SAMPLE	PREP CODE	Ag FA oz/T	Pb %	Zn %							
2717	244 --	-----	-----	2.20							
2727	244 --	-----	-----	1.08							
316662	244 --	19.3	5.82	3.23							
316668	244 --	-----	-----	2.61							

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

A9730669

Comments: ATTN: J. WEBER/J. LEHTINEN CC: J.ROBBINS/L. BARRY

CERTIFICATE

A9730669

(EIA) - EQUITY ENGINEERING LTD.

Project: HEG97-01
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 13-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	134	Dry, sieve to -80 mesh
202	134	save reject
229	133	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	132	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	133	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	133	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	133	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	133	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	133	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	133	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	133	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	133	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	133	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	133	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	133	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	133	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	133	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	133	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	133	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	133	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	133	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	133	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	133	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	133	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	133	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	133	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	133	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	133	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	133	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	133	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	133	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	133	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	133	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	133	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	133	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	133	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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Page Number : 1-A
 Total Pages : 4
 Certificate Date: 13-JUL-97
 Invoice No. : 19730669
 P.O. Number :
 Account : EIA

Project : HEG97-01
 Comments: ATTN: J. WEBER/J. LEHTINEN CC: J.ROBBINS/L. BARRY

CERTIFICATE OF ANALYSIS A9730669

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
004155M	201	202	< 5	< 0.2	1.99	6	180	1.5	< 2	0.29	< 0.5	5	17	7	2.31	< 10	< 1	0.18	30	0.41	880
004156M	201	202	< 5	1.8	1.94	16	140	1.5	< 2	0.29	0.5	7	22	9	2.65	< 10	< 1	0.21	30	0.50	990
004157M	201	202	< 5	1.4	1.74	28	130	2.5	< 2	0.35	1.5	4	15	6	2.37	< 10	< 1	0.17	20	0.36	2700
004158M	201	202	< 5	0.8	1.89	10	320	1.5	< 2	0.40	0.5	6	19	10	2.58	< 10	< 1	0.17	10	0.42	3370
004159M	201	202	< 5	0.6	2.21	10	150	1.5	< 2	0.51	0.5	6	28	9	2.91	10	< 1	0.17	30	0.47	1305
004160M	201	202	< 5	0.4	1.54	12	130	1.5	< 2	0.49	0.5	4	16	9	1.70	< 10	< 1	0.19	40	0.35	875
004161M	201	202	< 5	3.2	2.16	22	160	2.0	< 2	0.46	1.0	5	20	13	2.29	< 10	< 1	0.25	30	0.47	1505
004162M	201	202	< 5	0.6	1.51	16	140	1.5	< 2	0.31	0.5	5	14	5	2.02	< 10	< 1	0.15	20	0.33	2040
004163M	201	202	< 5	1.2	1.00	16	880	0.5	< 2	1.48	8.5	3	22	45	1.82	< 10	< 1	0.07	10	0.38	120
004164M	201	202	< 5	0.2	0.80	6	170	1.0	< 2	0.35	0.5	4	6	5	1.84	< 10	< 1	0.13	10	0.22	1165
004165M	201	202	< 5	3.8	1.70	98	150	5.0	6	0.22	10.0	4	14	29	2.59	< 10	< 1	0.19	20	0.32	8110
004166M	201	202	< 5	5.6	2.09	138	80	8.5	6	0.10	6.0	3	4	67	5.61	< 10	< 1	0.16	10	0.15	7700
004167M	201	202	< 5	4.8	3.18	36	240	9.5	2	0.37	10.5	6	30	25	2.72	< 10	< 1	0.24	30	0.56	4060
004168M	201	202	10	4.6	1.37	136	70	6.0	6	0.10	6.0	3	4	61	5.34	< 10	< 1	0.14	10	0.12	8460
004169M	201	202	15	3.4	0.87	164	110	8.0	2	0.23	9.0	4	5	25	2.40	< 10	< 1	0.16	30	0.17	8730
004170M	201	202	10	3.2	1.12	118	100	2.0	2	0.34	5.0	3	10	11	2.23	< 10	< 1	0.18	20	0.21	4340
004171M	201	202	20	4.6	0.53	132	150	2.0	< 2	0.21	6.5	3	1	7	2.10	< 10	< 1	0.17	20	0.14	>10000
004172M	201	202	< 5	4.6	1.08	84	70	2.0	< 2	0.32	1.5	1	12	6	1.81	< 10	< 1	0.19	10	0.21	420
004173M	201	202	< 5	2.0	2.34	46	130	1.5	< 2	0.27	1.5	6	28	14	3.09	< 10	< 1	0.21	30	0.56	1695
004174M	201	202	< 5	0.6	0.96	4	80	0.5	< 2	0.42	1.5	3	10	3	1.05	< 10	< 1	0.13	20	0.22	775
004175M	201	202	< 5	1.6	2.08	14	130	1.5	< 2	0.24	< 0.5	4	19	6	2.13	< 10	< 1	0.17	30	0.36	630
004176M	201	202	< 5	1.0	1.16	14	110	1.5	< 2	0.46	2.0	3	12	5	1.55	< 10	< 1	0.15	20	0.27	1880
004177M	201	202	< 5	0.6	1.72	16	180	1.5	< 2	0.36	0.5	5	14	7	2.68	< 10	< 1	0.16	20	0.36	1575
004178M	201	202	< 5	0.8	2.21	26	110	2.0	< 2	0.42	0.5	7	39	9	3.16	< 10	< 1	0.16	50	0.49	2700
004179M	201	202	< 5	0.2	1.40	20	240	5.0	< 2	0.39	1.5	4	6	5	2.75	< 10	< 1	0.29	30	0.31	4100
004180M	201	202	< 5	0.2	2.00	36	150	2.5	< 2	0.45	0.5	5	17	6	2.62	< 10	< 1	0.17	30	0.42	3100
004181M	201	202	< 5	1.6	1.67	40	120	2.0	< 2	0.28	1.0	5	14	7	2.49	< 10	< 1	0.21	20	0.35	3260
004182M	201	202	< 5	7.0	0.57	176	170	2.0	2	0.25	8.0	3	2	9	2.48	< 10	< 1	0.19	30	0.14	>10000
004183M	201	202	< 5	1.4	1.39	30	90	1.5	< 2	0.27	1.0	5	20	7	2.04	< 10	< 1	0.15	20	0.37	1555

CERTIFICATION:

Handwritten signature: H. J. Bickler



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: HEG97-01

Comments: ATTN: J. WEBER/J. LEHTINEN CC: J.ROBBINS/L. BARRY

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Certificate Date: 13-JUL-97
Invoice No. : 19730669
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS

A9730669

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
004155M	201	202	2	0.01	12	860	42	< 2	1	36	0.03	< 10	20	26	< 10	186
004156M	201	202	3	0.01	15	930	114	< 2	3	37	0.05	< 10	30	25	< 10	406
004157M	201	202	3	0.01	10	820	186	2	2	37	0.02	< 10	30	21	< 10	658
004158M	201	202	3	< 0.01	16	890	42	< 2	2	52	0.01	< 10	70	25	< 10	270
004159M	201	202	2	< 0.01	15	1190	88	< 2	1	59	0.06	< 10	170	34	< 10	260
004160M	201	202	4	0.01	11	1260	78	< 2	1	57	0.03	< 10	70	18	< 10	222
004161M	201	202	3	0.01	13	1100	150	< 2	3	57	0.04	< 10	90	24	< 10	592
004162M	201	202	3	0.01	10	740	82	< 2	1	36	0.03	< 10	80	20	< 10	348
004163M	201	202	6	< 0.01	87	2130	8	2	1	85	< 0.01	< 10	< 10	109	< 10	1190
004164M	201	202	3	< 0.01	5	860	70	< 2	1	33	< 0.01	< 10	30	14	< 10	266
004165M	201	202	3	< 0.01	10	1080	1320	< 2	1	28	0.02	< 10	30	19	< 10	2090
004166M	201	202	3	< 0.01	2	690	1910	2	5	13	0.01	< 10	60	11	< 10	1560
004167M	201	202	4	0.01	21	1700	120	< 2	2	52	0.05	< 10	40	32	< 10	3450
004168M	201	202	3	< 0.01	2	660	1970	< 2	4	12	< 0.01	< 10	40	9	< 10	1500
004169M	201	202	3	< 0.01	4	800	1580	4	2	26	0.01	< 10	30	11	< 10	3310
004170M	201	202	2	< 0.01	5	940	750	4	2	48	< 0.01	< 10	10	13	< 10	1845
004171M	201	202	< 1	< 0.01	2	710	1680	8	2	28	< 0.01	< 10	10	8	< 10	1560
004172M	201	202	< 1	0.01	4	830	966	8	2	34	< 0.01	< 10	20	12	< 10	924
004173M	201	202	2	< 0.01	20	890	226	< 2	3	32	0.05	< 10	10	31	< 10	728
004174M	201	202	< 1	< 0.01	4	820	56	< 2	1	39	0.02	< 10	30	12	< 10	296
004175M	201	202	1	< 0.01	9	1000	80	< 2	1	28	0.03	< 10	10	23	< 10	328
004176M	201	202	1	< 0.01	6	910	124	< 2	1	42	0.02	< 10	10	16	< 10	364
004177M	201	202	5	< 0.01	10	890	108	< 2	2	42	0.01	< 10	10	24	< 10	410
004178M	201	202	3	< 0.01	18	1160	106	< 2	3	44	0.06	< 10	40	31	< 10	478
004179M	201	202	2	0.01	4	790	160	< 2	4	30	0.01	< 10	20	18	< 10	580
004180M	201	202	2	0.01	12	930	92	< 2	3	40	0.02	< 10	10	25	< 10	372
004181M	201	202	3	< 0.01	9	860	220	< 2	2	25	0.01	< 10	10	22	< 10	660
004182M	201	202	< 1	< 0.01	2	910	2370	12	2	35	< 0.01	< 10	10	9	< 10	1820
004183M	201	202	2	< 0.01	10	900	172	< 2	1	29	0.03	< 10	10	20	< 10	344

CERTIFICATION:

J. Weber



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: HEG97-01

Comments: ATTN: J. WEBER/J. LEHTINEN CC: J.ROBBINS/L. BARRY

Page Number : 2-A
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CERTIFICATE OF ANALYSIS A9730669

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
004206M	201	202	< 5	< 0.2	0.44	2	140	1.5	< 2	0.28	0.5	3	1	3	1.63	< 10	< 1	0.13	10	0.11	845
004207M	201	202	< 5	< 0.2	1.31	2	150	1.5	< 2	0.28	0.5	5	15	9	2.08	< 10	< 1	0.14	20	0.39	755
004213M	201	202	< 5	< 0.2	0.47	< 2	60	< 0.5	< 2	0.35	1.0	2	3	3	1.09	< 10	< 1	0.11	10	0.19	505
004214M	201	202	< 5	0.8	0.72	30	70	0.5	< 2	0.45	3.0	4	11	7	1.66	< 10	< 1	0.11	10	0.35	1680
004215M	201	202	< 5	< 0.2	0.72	2	70	0.5	< 2	0.39	< 0.5	3	5	3	1.38	< 10	< 1	0.14	10	0.25	410
004216M	201	202	< 5	0.8	1.23	26	120	4.0	2	0.29	14.0	3	5	18	1.87	< 10	< 1	0.12	30	0.23	5310
004217M	201	202	< 5	0.2	0.59	< 2	120	0.5	14	0.40	< 0.5	3	3	4	1.53	< 10	< 1	0.13	20	0.21	550
004218M	201	202	< 5	< 0.2	2.90	< 2	210	2.5	< 2	0.38	< 0.5	8	28	12	3.52	< 10	< 1	0.22	40	0.65	780
004219M	201	202	< 5	< 0.2	0.76	6	120	0.5	< 2	0.30	< 0.5	3	4	2	1.40	< 10	< 1	0.16	20	0.24	620
004220M	201	202	< 5	0.2	1.10	8	240	1.5	< 2	0.35	0.5	5	7	6	2.16	< 10	< 1	0.17	20	0.27	1245
004708M	201	202	< 5	< 0.2	2.21	8	260	0.5	< 2	0.45	< 0.5	7	25	11	2.65	< 10	< 1	0.32	30	0.79	645
004709M	201	202	< 5	< 0.2	0.67	6	80	< 0.5	< 2	0.31	< 0.5	3	11	2	1.55	< 10	< 1	0.11	30	0.29	465
004710M	201	202	< 5	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	not/ss	not/ss
004711M	201	202	< 5	< 0.2	4.28	10	350	0.5	< 2	1.38	0.5	10	48	13	2.87	< 10	< 1	0.45	40	1.91	375
004712M	201	202	< 5	< 0.2	0.74	2	80	< 0.5	< 2	0.67	< 0.5	3	11	3	1.30	< 10	< 1	0.10	30	0.51	295
004713M	201	202	< 5	< 0.2	0.96	< 2	100	< 0.5	< 2	0.79	< 0.5	5	13	6	1.56	< 10	< 1	0.13	30	0.67	365
004714M	201	202	< 5	< 0.2	0.91	< 2	90	< 0.5	< 2	0.92	< 0.5	4	12	5	1.30	< 10	< 1	0.12	20	0.70	345

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd. C

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: HEG97-01

Comments: ATTN: J. WEBER/J. LEHTINEN CC: J.ROBBINS/L. BARRY

Number : 2-B
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CERTIFICATE OF ANALYSIS A9730669

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
004206M	201 202	2 < 0.01		2	740	44	< 2	1	29	< 0.01	< 10	10	10	< 10	190
004207M	201 202	5 < 0.01		13	650	30	< 2	2	27	0.03	< 10	10	19	< 10	164
004213M	201 202	4 < 0.01		2	700	16	< 2	1	18	0.02	< 10	< 10	10	< 10	230
004214M	201 202	4 < 0.01		8	820	246	< 2	1	23	0.03	< 10	10	15	< 10	756
004215M	201 202	3 < 0.01		4	1030	20	< 2	1	24	0.02	< 10	10	14	< 10	90
004216M	201 202	8 < 0.01		5	750	314	< 2	2	26	0.01	< 10	40	13	< 10	3890
004217M	201 202	4 < 0.01		2	1170	18	< 2	1	28	0.01	< 10	10	13	10	108
004218M	201 202	2 0.01		20	1130	36	< 2	3	39	0.06	< 10	40	40	< 10	162
004219M	201 202	1 < 0.01		4	720	18	< 2	1	24	0.02	< 10	10	12	< 10	76
004220M	201 202	4 0.01		6	780	70	< 2	2	41	0.01	< 10	40	16	< 10	284
004708M	201 202	3 0.03		20	750	16	< 2	4	34	0.08	< 10	10	39	< 10	108
004709M	201 202	1 0.01		6	680	14	< 2	1	17	0.03	< 10	< 10	22	< 10	54
004710M	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
004711M	201 202	1 0.18		28	510	8	< 2	6	96	0.12	< 10	< 10	95	< 10	94
004712M	201 202	1 0.01		9	600	8	< 2	1	20	0.03	< 10	< 10	20	< 10	44
004713M	201 202	1 0.03		12	570	10	< 2	1	26	0.03	< 10	< 10	24	< 10	52
004714M	201 202	3 0.02		10	490	10	< 2	1	23	0.03	< 10	< 10	20	< 10	50

CERTIFICATION: Hart Bickler



Chemex Labs Ltd. C

Analytical Chemists * Geochemists * Registered Assayers

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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: HEG97-01

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CERTIFICATE OF ANALYSIS

A9730669

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
004721M	201 202	not/ss	< 0.2	1.88	10	320	0.5	< 2	0.42	< 0.5	6	19	11	2.41	< 10	< 1	0.28	30	0.67	595
004722M	201 202	< 5	< 0.2	3.13	< 2	260	0.5	< 2	0.98	< 0.5	8	37	12	2.45	< 10	< 1	0.27	50	1.38	290
004723M	201 202	< 5	< 0.2	2.57	< 2	230	0.5	< 2	0.75	< 0.5	7	33	10	2.15	< 10	< 1	0.24	60	1.14	280
004724M	201 202	< 5	< 0.2	3.49	8	210	0.5	< 2	1.93	1.0	11	39	17	3.14	< 10	1	0.31	50	1.74	390
004725M	201 202	< 5	< 0.2	3.77	< 2	220	0.5	< 2	2.29	0.5	12	43	17	3.17	< 10	< 1	0.39	40	1.85	425
004726M	201 202	< 5	< 0.2	4.03	10	240	0.5	< 2	2.38	1.0	13	48	19	3.54	< 10	< 1	0.40	40	2.03	450
004727M	201 202	< 5	< 0.2	3.61	6	220	0.5	2	2.00	1.0	11	41	20	3.28	< 10	< 1	0.37	40	1.90	485
004728M	201 202	< 5	< 0.2	3.41	4	180	0.5	< 2	1.10	0.5	14	41	24	3.48	< 10	< 1	0.31	40	1.58	375
004729M	201 202	< 5	< 0.2	2.29	< 2	70	0.5	< 2	0.75	1.5	11	30	20	3.13	< 10	< 1	0.06	40	1.31	335
004730M	201 202	< 5	0.2	1.63	10	80	< 0.5	< 2	0.74	2.5	11	23	20	3.19	< 10	< 1	0.06	30	1.38	730
004731M	201 202	< 5	< 0.2	3.59	2	250	0.5	< 2	1.85	0.5	11	41	16	2.95	< 10	< 1	0.42	40	1.78	340
004732M	201 202	< 5	< 0.2	4.08	8	250	0.5	< 2	1.99	0.5	11	45	20	3.27	< 10	< 1	0.38	40	2.09	445
004733M	201 202	< 5	< 0.2	0.65	< 2	90	< 0.5	< 2	0.27	< 0.5	3	9	1	1.91	< 10	< 1	0.11	30	0.25	590
N108201	201 202	< 5	< 0.2	0.93	2	130	< 0.5	< 2	0.42	< 0.5	5	14	4	1.69	< 10	1	0.21	30	0.47	660
N108202	201 202	< 5	< 0.2	1.13	< 2	150	0.5	< 2	0.47	< 0.5	5	16	5	1.86	< 10	< 1	0.22	30	0.59	665
N108203	201 202	< 5	< 0.2	0.82	< 2	100	< 0.5	< 2	0.35	< 0.5	3	8	3	1.26	< 10	< 1	0.14	20	0.34	415
N108204	201 202	< 5	< 0.2	1.11	2	130	< 0.5	< 2	0.51	< 0.5	5	17	3	1.61	< 10	< 1	0.21	20	0.61	485
N108205	201 202	< 5	< 0.2	1.08	< 2	110	< 0.5	< 2	0.65	< 0.5	5	15	4	1.69	< 10	< 1	0.16	30	0.59	375
N108206	201 202	< 5	< 0.2	1.49	4	150	0.5	< 2	0.93	< 0.5	5	19	5	1.59	< 10	< 1	0.22	10	0.89	455
N108207	201 202	< 5	< 0.2	2.04	< 2	110	< 0.5	< 2	6.93	1.5	14	21	33	2.72	< 10	< 1	0.15	30	2.03	375
N108208	201 202	< 5	< 0.2	2.54	4	140	0.5	< 2	5.00	1.0	14	28	39	3.05	< 10	< 1	0.23	40	2.33	420
N108209	201 202	< 5	< 0.2	2.60	< 2	150	0.5	< 2	4.63	1.0	8	27	15	2.55	< 10	< 1	0.24	30	2.56	395
N108210	201 202	< 5	< 0.2	3.14	< 2	190	0.5	< 2	4.88	0.5	9	31	10	2.55	< 10	< 1	0.39	30	3.13	490
N108211	201 202	< 5	< 0.2	2.79	2	170	0.5	< 2	5.02	1.0	8	30	10	2.51	< 10	< 1	0.33	40	2.73	410
N108212	201 202	< 5	< 0.2	3.42	< 2	220	0.5	< 2	5.13	1.0	9	36	11	2.66	< 10	< 1	0.46	30	2.81	485
N108213	201 202	< 5	< 0.2	3.84	2	210	0.5	< 2	2.98	0.5	12	41	20	3.31	< 10	< 1	0.39	40	2.28	450
N108214	201 202	< 5	0.2	1.74	16	1320	0.5	< 2	0.66	3.0	13	26	98	3.77	< 10	< 1	0.17	20	1.22	285

CERTIFICATION:

Stanis Buchler



Chemex Labs Ltd.

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	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
004721M	201	202	2	0.02	16	840	10	< 2	4	32	0.07	< 10	10	47	< 10	114
004722M	201	202	1	0.11	26	560	8	< 2	4	61	0.09	< 10	< 10	82	< 10	78
004723M	201	202	1	0.07	23	620	10	< 2	4	48	0.08	< 10	< 10	65	< 10	70
004724M	201	202	1	0.14	27	640	12	< 2	4	89	0.09	< 10	< 10	65	< 10	128
004725M	201	202	< 1	0.16	26	530	10	< 2	5	102	0.10	< 10	< 10	65	< 10	122
004726M	201	202	4	0.18	30	610	12	< 2	5	108	0.11	< 10	< 10	74	< 10	136
004727M	201	202	2	0.15	29	720	10	< 2	4	94	0.09	< 10	< 10	73	< 10	158
004728M	201	202	2	0.13	40	610	14	< 2	4	67	0.09	< 10	< 10	53	< 10	156
004729M	201	202	3	0.01	35	690	12	< 2	2	34	0.05	< 10	< 10	37	< 10	178
004730M	201	202	6	< 0.01	35	1090	16	< 2	1	29	0.01	< 10	< 10	60	< 10	254
004731M	201	202	1	0.16	24	580	10	< 2	5	91	0.10	< 10	< 10	70	< 10	100
004732M	201	202	< 1	0.16	25	560	10	< 2	5	98	0.10	< 10	< 10	98	< 10	108
004733M	201	202	1	0.01	5	610	18	< 2	1	18	0.02	< 10	< 10	23	< 10	62
N108201	201	202	1	0.01	11	690	16	< 2	2	22	0.04	< 10	< 10	23	< 10	78
N108202	201	202	4	0.03	12	680	22	< 2	2	24	0.05	< 10	< 10	29	< 10	82
N108203	201	202	1	0.01	7	570	12	< 2	1	21	0.03	< 10	< 10	16	< 10	64
N108204	201	202	2	0.03	11	490	14	< 2	2	25	0.05	< 10	< 10	28	< 10	62
N108205	201	202	2	0.03	11	630	12	< 2	1	27	0.03	< 10	< 10	26	< 10	60
N108206	201	202	1	0.06	11	460	8	< 2	2	37	0.05	< 10	< 10	34	< 10	60
N108207	201	202	1	0.06	30	480	18	< 2	2	87	0.04	< 10	< 10	51	< 10	88
N108208	201	202	< 1	0.09	31	500	14	< 2	3	94	0.05	< 10	< 10	72	< 10	106
N108209	201	202	< 1	0.10	21	540	16	< 2	3	84	0.06	< 10	< 10	82	< 10	122
N108210	201	202	< 1	0.14	19	430	10	< 2	3	106	0.07	< 10	< 10	97	< 10	108
N108211	201	202	< 1	0.13	18	500	12	< 2	3	100	0.07	< 10	< 10	105	< 10	114
N108212	201	202	< 1	0.17	21	550	10	< 2	4	134	0.08	< 10	< 10	156	< 10	134
N108213	201	202	< 1	0.17	26	570	14	< 2	5	106	0.09	< 10	< 10	105	< 10	130
N108214	201	202	7	< 0.01	41	1250	14	< 2	4	89	< 0.01	< 10	< 10	61	< 10	282

CERTIFICATION:

J. Weber



Chemex Labs Ltd.

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To: EQUITY ENGINEERING LTD.

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

Project: HEG97-01

Comments: ATTN: J. WEBER/J. LEHTINEN CC: J.ROBBINS/L. BARRY

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Invoice No. : I9730669
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS

A9730669

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
N108216	201	202	< 5	< 0.2	1.58	2	100	< 0.5	< 2	0.70	4.0	8	23	6	2.49	< 10	< 1	0.10	20	1.38	685
N108217	201	202	< 5	< 0.2	3.60	< 2	270	0.5	< 2	1.61	0.5	10	44	17	2.83	< 10	< 1	0.39	30	1.75	390
N108218	201	202	< 5	< 0.2	4.53	< 2	360	0.5	< 2	2.23	0.5	9	48	17	3.11	10	< 1	0.58	40	2.28	410
N108219	201	202	< 5	< 0.2	4.75	< 2	380	0.5	< 2	2.22	< 0.5	10	52	17	3.28	10	1	0.65	30	2.40	535
N108220	201	202	< 5	< 0.2	4.10	< 2	340	0.5	< 2	2.13	0.5	10	44	20	3.17	10	< 1	0.48	40	2.04	420
N108221	201	202	< 5	< 0.2	4.30	< 2	310	0.5	< 2	2.15	0.5	10	45	18	3.13	10	< 1	0.48	40	2.11	405
N108222	201	202	< 5	< 0.2	3.43	< 2	260	0.5	4	3.19	0.5	9	38	21	2.97	10	1	0.41	30	2.14	520

CERTIFICATION:

Hart Buchler



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CERTIFICATE OF ANALYSIS

A9730669

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
N108216	201	202	4	< 0.01	26	1130	8	< 2	< 1	24	0.02	< 10	< 10	53	< 10	288
N108217	201	202	1	0.18	26	610	10	2	4	86	0.09	< 10	< 10	70	< 10	106
N108218	201	202	< 1	0.25	24	580	8	< 2	6	110	0.12	< 10	< 10	82	< 10	104
N108219	201	202	1	0.25	23	580	8	< 2	6	115	0.13	< 10	< 10	87	< 10	106
N108220	201	202	< 1	0.20	26	630	10	< 2	6	108	0.11	< 10	< 10	77	< 10	106
N108221	201	202	< 1	0.22	25	570	8	< 2	6	103	0.11	< 10	< 10	75	< 10	104
N108222	201	202	1	0.15	26	620	10	< 2	5	97	0.09	< 10	< 10	67	< 10	118

CERTIFICATION:

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A9730654

Comments: ATTN: J. WEBER/J. LEHTINEN CC: J. ROBBINS/L. BARRY

CERTIFICATE **A9730654**

(EIA) - EQUITY ENGINEERING LTD.

Project: HEG97-01
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 12-JUL-97.

SAMPLE PREPARATION		
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	88	Geochem ring to approx 150 mesh
226	88	0-3 Kg crush and split
3202	88	Rock - save entire reject
229	88	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES					
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	88	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	88	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	88	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	88	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	88	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	88	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	88	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	88	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	88	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	88	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	88	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	88	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	88	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	88	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	88	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	88	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	88	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	88	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	88	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	88	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	88	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	88	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	88	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	88	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	88	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	88	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	88	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	88	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	88	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	88	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	88	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	88	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	88	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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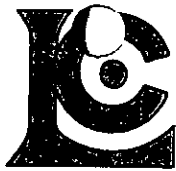
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 Account : EIA

Project : HEG97-01
 Comments: ATTN: J. WEBER/J. LEHTINEN CC: J. ROBBINS/L. BARRY

CERTIFICATE OF ANALYSIS A9730654

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
2717	205 226	< 5	37.6	0.05	6	30	2.5	< 2	0.21	84.5	< 1	10	17	>15.00	< 10	< 1	0.03	< 10	0.09	>10000
2718	205 226	< 5	< 0.2	0.23	< 2	60	0.5	< 2	3.03	4.0	2	67	3	1.28	< 10	< 1	0.13	< 10	0.33	2300
2719	205 226	< 5	1.4	0.10	< 2	20	0.5	2	11.10	22.5	4	27	< 1	4.05	< 10	< 1	0.07	< 10	1.34	>10000
2720	205 226	< 5	0.2	0.09	< 2	40	< 0.5	< 2	0.21	< 0.5	< 1	205	2	0.46	< 10	< 1	0.05	< 10	0.01	145
2721	205 226	< 5	< 0.2	1.62	< 2	120	1.0	< 2	4.10	0.5	26	10	11	6.52	< 10	1	0.35	40	1.47	1540
2722	205 226	< 5	0.4	0.49	2	460	0.5	< 2	0.65	2.5	1	132	2	1.24	< 10	< 1	0.19	< 10	0.03	350
2723	205 226	< 5	0.6	0.32	< 2	80	0.5	< 2	0.96	< 0.5	< 1	125	3	0.62	< 10	< 1	0.14	< 10	0.03	580
2724	205 226	< 5	1.2	0.15	20	320	< 0.5	< 2	0.71	21.5	1	251	78	0.62	< 10	< 1	0.04	< 10	0.32	100
2725	205 226	< 5	1.0	0.08	8	1000	< 0.5	< 2	0.03	2.0	< 1	253	22	0.44	< 10	< 1	0.03	< 10	< 0.01	120
2726	205 226	< 5	0.8	0.14	12	380	< 0.5	< 2	0.09	2.0	< 1	288	25	0.53	< 10	< 1	0.06	< 10	0.01	20
2727	205 226	< 5	26.0	0.28	104	50	0.5	4	0.13	41.0	< 1	78	16	10.05	< 10	< 1	0.10	< 10	0.07	>10000
2728	205 226	< 5	0.6	0.39	12	110	1.0	< 2	0.09	5.5	< 1	158	< 1	1.79	< 10	< 1	0.19	10	0.02	>10000

CERTIFICATION: Hen. & Buchler



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To: EQUITY ENGINEERING LTD.
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CERTIFICATE OF ANALYSIS A9730654

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
2717	205 226	< 1	0.02	< 1	< 10	8320	110	< 1	208	< 0.01	< 10	< 10	< 1	< 10	>10000
2718	205 226	1	< 0.01	3	180	62	< 2	< 1	39	< 0.01	< 10	< 10	5	< 10	868
2719	205 226	2	< 0.01	< 1	70	254	< 2	< 1	425	< 0.01	< 10	10	1	< 10	4760
2720	205 226	< 1	0.01	3	60	8	< 2	< 1	10	< 0.01	< 10	< 10	1	< 10	46
2721	205 226	1	0.16	14	3670	16	< 2	13	535	0.06	< 10	< 10	90	< 10	172
2722	205 226	< 1	0.04	2	390	118	< 2	1	39	< 0.01	< 10	< 10	5	< 10	646
2723	205 226	< 1	0.03	1	260	26	< 2	< 1	45	< 0.01	< 10	< 10	3	< 10	100
2724	205 226	6	< 0.01	16	590	2	6	1	77	< 0.01	< 10	< 10	120	< 10	344
2725	205 226	4	< 0.01	17	110	4	2	< 1	25	< 0.01	< 10	< 10	29	< 10	50
2726	205 226	7	< 0.01	18	290	2	4	< 1	53	< 0.01	< 10	< 10	108	< 10	84
2727	205 226	< 1	0.01	< 1	180	104	< 2	< 1	43	< 0.01	< 10	< 10	< 1	< 10	>10000
2728	205 226	< 1	< 0.01	2	250	146	< 2	< 1	91	< 0.01	< 10	10	3	< 10	1150

CERTIFICATION:

John J. Buchler



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CERTIFICATE OF ANALYSIS A9730654

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
316613	205	226	< 5	< 0.2	0.08	< 2	100	< 0.5	< 2	0.01	< 0.5	< 1	198	5	0.39	< 10	< 1	0.04	< 10	0.06	25
316614	205	226	< 5	< 0.2	2.14	< 2	50	< 0.5	< 2	5.26	< 0.5	14	65	18	2.90	< 10	< 1	0.15	40	1.55	425
316615	205	226	< 5	< 0.2	0.01	< 2	80	< 0.5	< 2	>15.00	0.5	< 1	5	2	0.44	< 10	< 1	< 0.01	< 10	0.06	465
316616	205	226	< 5	< 0.2	0.38	8	530	0.5	< 2	6.81	1.5	4	28	12	2.20	< 10	< 1	0.18	< 10	3.56	455
316617	205	226	< 5	< 0.2	0.08	8	70	< 0.5	< 2	1.51	< 0.5	< 1	181	22	0.65	< 10	< 1	0.03	< 10	0.01	45
316618	205	226	< 5	< 0.2	0.06	< 2	< 10	< 0.5	< 2	5.15	< 0.5	< 1	163	< 1	0.39	< 10	< 1	0.01	< 10	0.12	265
316619	205	226	< 5	< 0.2	0.08	20	10	< 0.5	< 2	0.07	< 0.5	1	175	2	0.50	< 10	< 1	0.04	< 10	0.01	60
316620	205	226	< 5	< 0.2	0.03	14	10	< 0.5	< 2	0.26	< 0.5	1	232	1	0.41	< 10	< 1	0.02	< 10	0.01	95
316660	205	226	< 5	< 0.2	0.94	< 2	20	< 0.5	< 2	0.97	< 0.5	13	184	58	3.38	< 10	< 1	0.11	< 10	0.27	185
316661	205	226	< 5	< 0.2	0.18	4	< 10	< 0.5	< 2	0.04	< 0.5	3	258	10	1.03	< 10	< 1	0.01	< 10	0.15	105
316662	205	226	30	>100.0	0.24	1190	60	0.5	2	0.04	>100.0	< 1	148	28	5.57	< 10	< 1	0.11	< 10	0.01	>10000
316668	205	226	125	17.6	0.08	7200	80	0.5	2	0.27	>100.0	< 1	57	231	8.58	< 10	< 1	0.08	< 10	0.01	>10000
316669	205	226	< 5	< 0.2	0.65	32	10	12.5	< 2	0.27	< 0.5	< 1	87	1	0.63	< 10	< 1	0.28	10	0.02	735
316670	205	226	< 5	0.6	0.26	48	60	0.5	< 2	0.11	1.5	1	175	3	0.99	< 10	< 1	0.19	< 10	0.01	3140

CERTIFICATION: *[Signature]*



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CERTIFICATE OF ANALYSIS A9730654

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
316613	205	226	1	0.01	14	20	2	< 2	< 1	3	0.01	< 10	< 10	1	< 10	2
316614	205	226	1	0.01	42	440	10	< 2	1	42	< 0.01	< 10	< 10	12	< 10	66
316615	205	226	4	< 0.01	1	30	18	< 2	< 1	58	< 0.01	< 10	< 10	< 1	10	30
316616	205	226	< 1	0.01	14	270	2	< 2	4	244	< 0.01	< 10	< 10	13	< 10	140
316617	205	226	3	< 0.01	3	40	4	< 2	< 1	9	< 0.01	< 10	< 10	5	< 10	6
316618	205	226	< 1	< 0.01	3	100	2	< 2	< 1	204	< 0.01	< 10	< 10	1	< 10	6
316619	205	226	< 1	0.01	4	20	4	< 2	< 1	1	< 0.01	< 10	< 10	1	< 10	12
316620	205	226	< 1	< 0.01	4	10	8	< 2	< 1	1	< 0.01	< 10	< 10	1	< 10	10
316660	205	226	< 1	0.01	35	240	< 2	< 2	1	26	0.05	< 10	< 10	9	< 10	6
316661	205	226	< 1	< 0.01	13	30	< 2	< 2	< 1	3	< 0.01	< 10	< 10	3	< 10	6
316662	205	226	1	< 0.01	< 1	90	>10000	4740	< 1	55	< 0.01	< 10	< 10	< 1	< 10	>10000
316668	205	226	4	< 0.01	< 1	50	156	50	< 1	73	< 0.01	< 10	< 10	< 1	< 10	>10000
316669	205	226	< 1	0.04	1	30	42	10	5	10	< 0.01	< 10	30	< 1	< 10	124
316670	205	226	< 1	< 0.01	3	200	90	< 2	< 1	10	< 0.01	< 10	10	1	< 10	496

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

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A9730700

Comments: ATTN: J. WEBER/J. LEHTINEN CC: J. ROBBINS/L. BARRY

CERTIFICATE

A9730700

(EIA) - EQUITY ENGINEERING LTD.

Project: HEG97-01
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 12-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	262	Dry, sieve to -80 mesh
202	262	save reject
229	262	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	262	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	262	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	262	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	262	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	262	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	262	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	262	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	262	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	262	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	262	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	262	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	262	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	262	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	262	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	262	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	262	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	262	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	262	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	262	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	262	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	262	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	262	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	262	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	262	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	262	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	262	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	262	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	262	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	262	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	262	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	262	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	262	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	262	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

Page Number : 3-A
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CERTIFICATE OF ANALYSIS A9730700

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
TAJ 0000M	201 202	< 5 < 0.2	2.31	2	80	0.5	< 2	3.97	< 0.5	8	52	14	3.27	< 10	< 1	0.09	30	2.48	640	
TAJ 0100M	201 202	< 5 < 0.2	3.42	< 2	180	1.0	< 2	0.61	< 0.5	10	39	13	3.33	10	< 1	0.17	30	1.10	535	
TAJ 0200M	201 202	< 5 < 0.2	1.96	2	100	0.5	< 2	0.78	< 0.5	9	36	16	3.27	< 10	< 1	0.12	30	1.01	675	
TAJ 0300M	201 202	< 5 < 0.2	1.68	2	100	0.5	< 2	0.12	< 0.5	6	22	7	2.33	< 10	< 1	0.07	10	0.68	300	
TAJ 0400M	201 202	< 5 < 0.2	2.49	2	90	0.5	< 2	0.09	< 0.5	10	42	11	4.74	10	< 1	0.05	10	0.57	365	
TAJ 0500M	201 202	< 5 < 0.2	2.10	4	70	0.5	< 2	0.11	< 0.5	8	30	7	2.98	< 10	< 1	0.07	10	0.52	285	
TAJ 0600M	201 202	< 5 < 0.2	1.94	4	90	0.5	< 2	0.08	< 0.5	7	26	8	2.96	< 10	< 1	0.07	10	0.66	215	
TAJ 0700M	201 202	< 5 < 0.2	2.33	4	90	0.5	< 2	0.09	< 0.5	8	30	9	3.08	< 10	< 1	0.09	10	0.70	240	
TAJ 0800M	201 202	< 5 < 0.2	1.93	2	80	0.5	< 2	0.05	< 0.5	7	32	8	3.58	10	< 1	0.06	10	0.58	235	
TAJ 0900M	201 202	< 5 < 0.2	2.67	2	70	0.5	< 2	0.08	< 0.5	11	47	10	3.60	< 10	< 1	0.06	10	0.71	265	
TAJ 1000M	201 202	< 5 < 0.2	1.32	4	70	< 0.5	< 2	0.04	< 0.5	5	37	4	4.11	10	< 1	0.04	10	0.33	230	
TAJ 1100M	201 202	< 5 < 0.2	1.76	4	70	0.5	< 2	0.03	< 0.5	6	38	7	5.27	10	< 1	0.06	< 10	0.46	210	
TAJ 1200M	201 202	< 5 < 0.2	1.93	< 2	110	0.5	< 2	0.06	< 0.5	8	39	9	3.39	< 10	< 1	0.07	10	0.64	195	
TAJ 1300M	201 202	< 5 < 0.2	2.83	2	130	0.5	< 2	0.12	< 0.5	13	58	13	3.57	< 10	< 1	0.10	10	0.99	255	
TAJ 1400M	201 202	< 5 < 0.2	1.38	< 2	140	< 0.5	< 2	0.31	< 0.5	10	79	12	2.28	< 10	< 1	0.10	10	1.25	355	
TAJ 1500M	201 202	< 5 < 0.2	3.02	< 2	100	0.5	< 2	0.22	< 0.5	11	72	11	2.60	< 10	1	0.12	10	1.44	225	
TAJ2 0000	201 202	< 5 < 0.2	3.26	< 2	120	0.5	< 2	0.18	< 0.5	13	47	9	2.58	< 10	< 1	0.09	10	1.02	215	
TAJ2 0100	201 202	< 5 < 0.2	2.96	2	260	0.5	< 2	0.32	< 0.5	9	33	10	2.47	< 10	< 1	0.21	10	1.22	255	
TAJ2 0200	201 202	< 5 < 0.2	3.01	< 2	190	0.5	< 2	0.23	< 0.5	14	81	14	3.07	< 10	< 1	0.11	10	1.40	275	
TAJ2 0300	201 202	< 5 < 0.2	2.41	6	130	< 0.5	< 2	0.17	0.5	9	69	9	3.39	10	< 1	0.14	10	1.27	225	
TAJ2 0400	201 202	< 5 < 0.2	3.36	< 2	240	0.5	< 2	0.42	1.0	11	54	16	3.38	10	< 1	0.11	10	1.41	260	
TAJ2 0500	201 202	< 5 < 0.2	3.80	2	260	1.0	< 2	0.63	< 0.5	10	52	13	3.11	10	< 1	0.15	30	1.52	290	
TAJ2 0600	201 202	< 5 < 0.2	3.47	4	260	0.5	< 2	0.46	< 0.5	10	59	16	2.97	< 10	< 1	0.31	20	1.45	340	
TAJ2 0700	201 202	< 5 < 0.2	4.10	6	330	1.0	< 2	0.46	< 0.5	12	54	20	3.55	10	< 1	0.18	30	1.56	510	
TAJ2 0800	201 202	< 5 < 0.2	3.89	< 2	330	0.5	< 2	0.50	< 0.5	9	46	18	2.93	10	< 1	0.27	30	1.54	300	
TAJ2 0900	201 202	< 5 < 0.2	3.52	< 2	330	0.5	< 2	0.30	0.5	8	45	14	2.66	10	< 1	0.28	20	1.57	335	
TAJ2 1000	201 202	< 5 < 0.2	4.00	< 2	270	1.0	< 2	0.18	0.5	10	46	11	3.42	10	< 1	0.18	20	1.48	500	
TAJ2 1100	201 202	< 5 < 0.2	3.11	< 2	210	0.5	< 2	0.27	< 0.5	8	45	10	3.38	10	< 1	0.18	10	1.45	455	

CERTIFICATION:

[Handwritten Signature]



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CERTIFICATE OF ANALYSIS A9730700

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TAJ 0000M	201 202	< 1	0.05	41	630	10	< 2	4	90	0.07	< 10	< 10	31	< 10	42
TAJ 0100M	201 202	< 1	0.08	23	200	10	< 2	5	42	0.13	< 10	< 10	47	< 10	64
TAJ 0200M	201 202	< 1	0.03	27	500	12	< 2	4	31	0.09	< 10	< 10	40	< 10	52
TAJ 0300M	201 202	< 1	< 0.01	18	270	10	< 2	2	9	0.07	< 10	< 10	30	< 10	42
TAJ 0400M	201 202	< 1	< 0.01	26	280	8	< 2	3	11	0.20	< 10	< 10	82	< 10	82
TAJ 0500M	201 202	< 1	< 0.01	22	470	10	< 2	2	10	0.12	< 10	< 10	42	< 10	54
TAJ 0600M	201 202	< 1	< 0.01	21	250	6	< 2	2	7	0.07	< 10	< 10	33	< 10	50
TAJ 0700M	201 202	< 1	< 0.01	26	380	10	< 2	3	7	0.08	< 10	< 10	33	< 10	60
TAJ 0800M	201 202	< 1	< 0.01	23	270	8	< 2	2	5	0.10	< 10	< 10	45	< 10	56
TAJ 0900M	201 202	< 1	< 0.01	48	260	10	< 2	3	9	0.11	< 10	< 10	45	< 10	60
TAJ 1000M	201 202	< 1	< 0.01	15	320	12	< 2	1	5	0.16	< 10	< 10	60	< 10	44
TAJ 1100M	201 202	< 1	< 0.01	20	410	10	< 2	1	4	0.15	< 10	< 10	57	< 10	60
TAJ 1200M	201 202	< 1	< 0.01	34	190	6	< 2	2	6	0.08	< 10	< 10	42	< 10	64
TAJ 1300M	201 202	< 1	< 0.01	95	350	12	< 2	4	11	0.08	< 10	< 10	48	< 10	62
TAJ 1400M	201 202	< 1	0.01	87	240	2	< 2	3	19	0.07	< 10	< 10	38	< 10	38
TAJ 1500M	201 202	< 1	0.03	91	440	6	< 2	4	16	0.08	< 10	< 10	44	< 10	44
TAJ2 0000	201 202	< 1	0.01	65	350	10	< 2	3	14	0.07	< 10	< 10	36	< 10	50
TAJ2 0100	201 202	< 1	0.06	25	310	8	< 2	4	29	0.08	< 10	< 10	42	< 10	52
TAJ2 0200	201 202	< 1	0.02	89	410	6	< 2	4	18	0.10	< 10	< 10	56	< 10	58
TAJ2 0300	201 202	< 1	< 0.01	39	300	8	< 2	4	17	0.13	< 10	< 10	80	< 10	60
TAJ2 0400	201 202	< 1	0.01	42	730	10	< 2	4	24	0.11	< 10	< 10	105	< 10	108
TAJ2 0500	201 202	< 1	0.10	52	580	10	< 2	4	45	0.13	< 10	< 10	98	< 10	90
TAJ2 0600	201 202	< 1	0.08	60	570	8	< 2	4	37	0.11	< 10	< 10	80	< 10	84
TAJ2 0700	201 202	< 1	0.03	51	690	10	< 2	5	34	0.12	< 10	< 10	110	< 10	128
TAJ2 0800	201 202	< 1	0.05	30	680	8	< 2	5	40	0.10	< 10	< 10	89	< 10	94
TAJ2 0900	201 202	< 1	0.02	25	540	8	< 2	5	28	0.11	< 10	< 10	104	< 10	118
TAJ2 1000	201 202	< 1	< 0.01	24	740	10	< 2	4	19	0.11	< 10	< 10	111	< 10	170
TAJ2 1100	201 202	< 1	< 0.01	21	500	10	< 2	4	19	0.12	< 10	< 10	105	< 10	122

CERTIFICATION: Heidi Buchler



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SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
TAJ2 1150M	201	202	< 5	< 0.2	3.48	4	250	0.5	< 2	0.20	< 0.5	8	29	10	2.55	< 10	< 1	0.20	30	1.00	380
TAJ2 1200M	201	202	< 5	< 0.2	3.46	2	230	1.0	< 2	0.18	< 0.5	8	41	9	3.54	10	< 1	0.27	20	1.28	680
TAJ2 1250M	201	202	< 5	< 0.2	3.88	2	510	0.5	< 2	0.20	< 0.5	9	35	17	2.78	< 10	< 1	0.28	30	1.30	435
TAJ2 1300M	201	202	< 5	< 0.2	3.71	< 2	390	0.5	< 2	0.56	< 0.5	7	37	12	2.50	< 10	< 1	0.21	30	1.52	310
TAJ2 1350M	201	202	< 5	< 0.2	2.96	2	210	0.5	< 2	0.23	< 0.5	7	35	9	2.86	10	< 1	0.15	10	1.11	385
TAJ2 1400M	201	202	< 5	< 0.2	2.65	< 2	100	0.5	< 2	0.10	< 0.5	6	36	6	3.71	10	< 1	0.08	10	0.79	375
TAJ2 1450M	201	202	< 5	< 0.2	2.80	2	110	0.5	< 2	0.09	< 0.5	7	33	9	3.23	< 10	< 1	0.12	10	0.89	295
TAJ2 1500M	201	202	< 5	< 0.2	2.18	2	140	0.5	< 2	0.16	< 0.5	6	18	7	2.13	< 10	< 1	0.21	10	0.58	515
TAJ2 1550M	201	202	< 5	< 0.2	2.96	8	170	1.0	< 2	0.25	< 0.5	7	43	7	4.24	10	< 1	0.20	10	1.19	290
TAJ2 1600M	201	202	< 5	< 0.2	3.01	6	300	0.5	< 2	0.25	< 0.5	8	25	11	2.56	< 10	< 1	0.36	20	0.92	535
TAJ2 1650M	201	202	< 5	< 0.2	3.09	< 2	160	1.5	< 2	0.28	< 0.5	7	35	8	3.28	10	1	0.19	30	1.00	610
TAJ2 1700M	201	202	< 5	< 0.2	2.87	4	160	0.5	< 2	0.21	< 0.5	7	33	8	2.99	< 10	< 1	0.18	20	0.96	430
TAJ2 1750M	201	202	< 5	< 0.2	2.08	2	240	0.5	< 2	0.53	< 0.5	8	20	13	2.36	< 10	< 1	0.36	30	0.83	525
TAJ2 1800M	201	202	< 5	< 0.2	2.72	< 2	180	0.5	< 2	0.17	< 0.5	7	29	8	2.75	10	< 1	0.20	20	0.89	410
TAJ3 000	201	202	< 5	< 0.2	2.72	< 2	80	0.5	< 2	0.29	< 0.5	17	32	22	3.76	< 10	< 1	0.07	50	1.29	470
TAJ3 100	201	202	< 5	< 0.2	2.61	2	130	0.5	< 2	0.24	< 0.5	8	30	11	2.99	< 10	< 1	0.11	10	0.78	240
TAJ3 200	201	202	< 5	< 0.2	2.59	10	80	1.0	< 2	0.28	0.5	13	40	24	4.13	< 10	< 1	0.05	10	0.69	480
TAJ3 300	201	202	< 5	< 0.2	2.65	8	130	0.5	< 2	1.02	< 0.5	9	38	18	3.57	< 10	1	0.06	40	1.50	465
TAJ3 400	201	202	< 5	0.2	2.69	6	120	0.5	< 2	0.39	< 0.5	10	38	16	3.46	< 10	1	0.08	10	1.01	420
TAJ3 500	201	202	< 5	< 0.2	1.89	2	70	0.5	< 2	0.21	< 0.5	6	21	11	2.01	< 10	1	0.05	20	0.67	195
TAJ3 600	201	202	< 5	0.2	2.94	10	90	1.5	< 2	3.18	0.5	10	44	12	6.61	10	< 1	0.04	30	1.96	1920
TAJ3 625	201	202	< 5	< 0.2	2.84	12	110	1.0	< 2	0.51	< 0.5	14	53	22	5.29	< 10	< 1	0.04	30	0.94	780
TAJ3 650	201	202	< 5	< 0.2	1.58	4	90	< 0.5	< 2	1.35	< 0.5	10	35	35	3.26	< 10	< 1	0.04	30	1.62	615
TAJ4 000	201	202	< 5	< 0.2	2.07	< 2	50	0.5	< 2	0.09	< 0.5	5	18	6	1.79	< 10	< 1	0.04	20	0.43	140
TAJ4 100	201	202	< 5	< 0.2	3.31	< 2	200	0.5	< 2	0.67	< 0.5	10	35	14	2.84	< 10	1	0.24	20	1.16	360
TAJ4 200	201	202	< 5	< 0.2	4.06	8	230	0.5	< 2	0.41	< 0.5	11	47	16	3.41	10	< 1	0.21	20	1.37	375
TAJ4 300	201	202	< 5	< 0.2	1.79	4	100	0.5	< 2	0.07	< 0.5	5	28	8	3.59	10	< 1	0.05	40	0.39	180
TAJ4 400	201	202	< 5	< 0.2	2.57	6	200	0.5	< 2	0.48	< 0.5	7	25	9	2.53	< 10	< 1	0.25	20	0.88	280
TAJ4 500	201	202	< 5	< 0.2	3.58	< 2	180	0.5	< 2	0.20	< 0.5	10	39	12	3.10	10	< 1	0.16	20	1.20	360
TAJ4 600	201	202	< 5	< 0.2	3.74	< 2	270	0.5	< 2	0.50	< 0.5	9	43	15	2.93	< 10	< 1	0.22	20	1.34	215
TAJ4 700	201	202	< 5	< 0.2	2.45	2	120	0.5	< 2	0.07	< 0.5	7	43	9	5.88	20	< 1	0.06	10	0.59	315
TAJ4 800	201	202	< 5	< 0.2	3.84	4	240	0.5	< 2	0.34	< 0.5	10	43	13	3.02	10	< 1	0.19	20	1.22	310
TAJ4 900	201	202	< 5	< 0.2	4.54	< 2	290	1.0	< 2	0.33	< 0.5	10	46	15	3.19	10	< 1	0.26	30	1.35	325

CERTIFICATION:

[Handwritten Signature]



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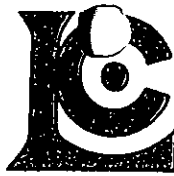
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SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
TAJ2 1150M	201	202	< 1	< 0.01	22	560	10	2	4	15	0.10	< 10	< 10	62	< 10	78
TAJ2 1200M	201	202	1	< 0.01	21	590	10	2	4	13	0.12	< 10	< 10	91	< 10	166
TAJ2 1250M	201	202	< 1	< 0.01	25	320	10	2	5	23	0.10	< 10	< 10	74	< 10	82
TAJ2 1300M	201	202	< 1	0.08	20	500	10	< 2	5	42	0.10	< 10	< 10	74	< 10	74
TAJ2 1350M	201	202	1	< 0.01	18	540	12	< 2	3	18	0.10	< 10	< 10	76	< 10	134
TAJ2 1400M	201	202	1	< 0.01	15	300	12	2	3	9	0.15	< 10	< 10	69	< 10	84
TAJ2 1450M	201	202	1	< 0.01	19	390	8	4	3	8	0.09	< 10	< 10	56	< 10	76
TAJ2 1500M	201	202	1	< 0.01	16	710	8	< 2	3	7	0.07	< 10	< 10	34	< 10	86
TAJ2 1550M	201	202	< 1	< 0.01	20	310	10	2	4	14	0.15	< 10	< 10	77	< 10	96
TAJ2 1600M	201	202	< 1	0.01	19	490	8	< 2	4	17	0.09	< 10	< 10	58	< 10	70
TAJ2 1650M	201	202	1	< 0.01	20	660	10	2	4	16	0.10	< 10	< 10	61	< 10	92
TAJ2 1700M	201	202	1	< 0.01	17	590	10	2	3	14	0.09	< 10	< 10	63	< 10	88
TAJ2 1750M	201	202	1	0.05	17	790	8	< 2	3	34	0.08	< 10	< 10	55	< 10	76
TAJ2 1800M	201	202	1	< 0.01	16	520	10	< 2	3	13	0.10	< 10	< 10	57	< 10	84
TAJ3 000	201	202	< 1	0.01	39	210	16	< 2	3	13	0.05	< 10	< 10	27	< 10	72
TAJ3 100	201	202	< 1	0.01	22	260	12	< 2	3	15	0.09	< 10	< 10	40	< 10	58
TAJ3 200	201	202	3	< 0.01	53	720	16	2	2	14	0.12	< 10	< 10	43	< 10	112
TAJ3 300	201	202	2	0.03	44	430	12	< 2	4	23	0.05	< 10	< 10	77	< 10	76
TAJ3 400	201	202	1	0.02	50	260	12	2	4	16	0.09	< 10	< 10	48	< 10	70
TAJ3 500	201	202	1	0.01	31	260	8	< 2	3	10	0.05	< 10	< 10	27	< 10	48
TAJ3 600	201	202	< 1	< 0.01	49	430	16	4	4	29	0.12	< 10	< 10	53	< 10	112
TAJ3 625	201	202	1	0.01	81	460	20	4	4	25	0.11	< 10	< 10	52	< 10	84
TAJ3 650	201	202	1	< 0.01	47	510	12	2	3	18	0.03	< 10	< 10	28	< 10	68
TAJ4 000	201	202	< 1	< 0.01	14	290	6	< 2	2	6	0.05	< 10	< 10	23	< 10	36
TAJ4 100	201	202	1	0.08	22	380	8	< 2	5	34	0.10	< 10	< 10	49	< 10	76
TAJ4 200	201	202	< 1	0.03	32	360	8	< 2	5	31	0.14	< 10	< 10	81	< 10	86
TAJ4 300	201	202	1	< 0.01	14	250	10	< 2	2	7	0.18	< 10	< 10	52	< 10	56
TAJ4 400	201	202	< 1	0.03	16	390	6	< 2	4	20	0.09	< 10	< 10	41	< 10	60
TAJ4 500	201	202	1	< 0.01	24	430	10	< 2	5	14	0.11	< 10	< 10	63	< 10	74
TAJ4 600	201	202	< 1	0.03	29	400	8	2	5	30	0.11	< 10	< 10	76	< 10	78
TAJ4 700	201	202	1	< 0.01	19	280	12	< 2	3	6	0.34	< 10	< 10	97	< 10	96
TAJ4 800	201	202	1	0.01	27	410	8	2	5	25	0.12	< 10	< 10	78	< 10	74
TAJ4 900	201	202	1	0.02	30	580	8	< 2	5	24	0.12	< 10	< 10	88	< 10	80

CERTIFICATION:

John A. Bushlan



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

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 Account : EIA

Project : HEG97-01
 Comments : ATTN: J. WEBER/J. LEHTINEN CC: J. ROBBINS/L. BARRY

CERTIFICATE OF ANALYSIS A9730700

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
INCL1830 000	201 202	< 5	< 0.2	2.94	6	170	2.0	< 2	0.13	< 0.5	9	35	11	3.56	< 10	1	0.17	30	0.69	925
INCL1830 050	201 202	< 5	0.2	3.20	< 2	160	2.5	< 2	0.11	< 0.5	9	36	11	3.77	10	< 1	0.19	30	0.64	1015
INCL1830 100	201 202	< 5	0.2	1.23	2	80	0.5	2	0.09	< 0.5	4	18	4	2.13	< 10	< 1	0.11	10	0.29	630
INCL1830 150	201 202	< 5	1.8	1.86	< 2	80	2.5	< 2	0.10	< 0.5	6	27	8	2.44	< 10	< 1	0.13	10	0.45	795
INCL1830 200	201 202	< 5	< 0.2	3.31	< 2	90	2.0	< 2	0.20	< 0.5	8	39	9	3.69	10	< 1	0.12	30	0.75	640
INCL1830 250	201 202	< 5	< 0.2	2.83	< 2	80	1.5	< 2	0.13	< 0.5	7	29	7	3.27	10	< 1	0.11	20	0.49	730
INCL1830 300	201 202	< 5	< 0.2	2.04	< 2	50	0.5	< 2	0.07	< 0.5	5	25	7	2.61	< 10	< 1	0.12	10	0.46	315
INCL1830 350	201 202	< 5	< 0.2	2.63	< 2	100	1.0	< 2	0.17	< 0.5	8	34	9	3.06	< 10	< 1	0.15	20	0.71	615
INCL1830 400	201 202	< 5	< 0.2	3.40	6	100	2.0	< 2	0.14	< 0.5	8	40	10	4.29	10	< 1	0.13	30	0.67	820
INCL1830 450	201 202	< 5	< 0.2	2.85	8	110	1.5	< 2	0.17	< 0.5	9	34	12	3.62	10	< 1	0.18	20	0.74	780
INCL1830 550	201 202	< 5	< 0.2	2.79	< 2	110	1.5	< 2	0.16	< 0.5	9	33	12	3.51	< 10	< 1	0.17	20	0.72	770
IN97JW-1	201 202	< 5	< 0.2	1.19	10	120	0.5	< 2	0.12	< 0.5	4	10	5	1.79	< 10	< 1	0.14	10	0.30	610
IN97JW-2	201 202	< 5	1.2	2.03	46	150	1.5	< 2	0.29	1.0	6	20	13	2.80	< 10	< 1	0.22	30	0.56	1605
TR 0000M	201 202	< 5	< 0.2	3.19	< 2	190	0.5	< 2	1.28	0.5	12	41	20	3.53	< 10	< 1	0.10	20	1.53	560
TR 0100M	201 202	30	< 0.2	2.67	< 2	70	0.5	< 2	2.98	< 0.5	12	35	24	3.26	< 10	< 1	0.07	30	2.37	700
TR 0200M	201 202	< 5	< 0.2	3.31	16	140	2.0	< 2	0.32	< 0.5	12	46	10	4.82	10	< 1	0.06	30	0.84	510
TR 0300M	201 202	< 5	< 0.2	3.13	< 2	170	0.5	< 2	1.73	1.0	11	37	21	3.23	< 10	< 1	0.18	20	2.03	455
TR 0400M	201 202	< 5	< 0.2	4.27	10	110	2.5	< 2	0.87	< 0.5	12	41	10	5.41	10	< 1	0.04	20	0.77	755
TR 0500M	201 202	< 5	0.2	4.26	18	90	2.5	< 2	0.49	2.0	10	48	8	5.86	10	< 1	0.06	40	0.72	685
TR 0600M	201 202	< 5	< 0.2	3.00	12	120	1.5	< 2	0.28	< 0.5	12	41	19	4.08	< 10	< 1	0.09	40	1.28	425
TR 0700M	201 202	< 5	< 0.2	2.55	14	110	1.0	< 2	0.42	0.5	11	38	18	4.23	< 10	< 1	0.07	40	1.17	405
TR 0800M	201 202	< 5	< 0.2	1.28	< 2	50	< 0.5	< 2	12.30	0.5	7	16	24	2.06	< 10	< 1	0.07	10	2.34	315
TR 0900M	201 202	< 5	0.4	2.33	< 2	60	0.5	< 2	0.99	3.0	14	30	24	3.84	< 10	< 1	0.05	30	2.00	595

CERTIFICATION: Hart Bickler



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CERTIFICATE OF ANALYSIS A9730700

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TNCL1830 000	201 202	4	0.01	27	820	26	< 2	3	21	0.06	< 10	< 10	36	< 10	140
TNCL1830 050	201 202	6	0.01	26	950	36	< 2	3	17	0.05	< 10	10	37	< 10	180
TNCL1830 100	201 202	2	< 0.01	10	850	46	< 2	< 1	12	0.02	< 10	< 10	24	< 10	114
TNCL1830 150	201 202	3	< 0.01	16	770	118	< 2	2	11	0.04	< 10	< 10	25	< 10	146
TNCL1830 200	201 202	3	0.01	26	800	30	< 2	4	25	0.11	< 10	< 10	37	< 10	96
TNCL1830 250	201 202	3	< 0.01	18	880	14	< 2	2	13	0.08	< 10	< 10	32	< 10	108
TNCL1830 300	201 202	4	< 0.01	15	770	10	< 2	1	9	0.07	< 10	< 10	30	< 10	76
TNCL1830 350	201 202	3	0.01	27	710	12	< 2	4	18	0.08	< 10	< 10	35	< 10	98
TNCL1830 400	201 202	3	0.01	25	1280	16	< 2	3	18	0.11	< 10	< 10	43	< 10	136
TNCL1830 450	201 202	3	0.01	26	940	18	< 2	4	21	0.08	< 10	< 10	39	< 10	120
TNCL1830 550	201 202	3	0.01	25	920	18	< 2	4	21	0.08	< 10	< 10	37	< 10	118
TN97JW-1	201 202	1	< 0.01	9	650	24	< 2	1	15	0.02	< 10	< 10	16	< 10	106
TN97JW-2	201 202	3	0.01	17	640	232	< 2	4	45	0.06	< 10	< 10	27	< 10	532
TR 0000M	201 202	4	0.09	30	770	20	< 2	4	61	0.07	< 10	< 10	99	< 10	134
TR 0100M	201 202	4	0.09	32	440	20	< 2	4	50	0.07	< 10	< 10	41	< 10	78
TR 0200M	201 202	3	< 0.01	50	260	12	< 2	4	16	0.19	< 10	10	60	< 10	78
TR 0300M	201 202	4	0.12	30	660	18	< 2	4	61	0.07	< 10	< 10	96	< 10	140
TR 0400M	201 202	5	0.01	37	470	28	< 2	4	24	0.21	< 10	< 10	54	< 10	92
TR 0500M	201 202	4	< 0.01	48	370	38	< 2	5	17	0.24	< 10	< 10	57	< 10	276
TR 0600M	201 202	4	< 0.01	42	240	34	< 2	4	13	0.07	< 10	< 10	46	< 10	132
TR 0700M	201 202	3	< 0.01	37	370	26	< 2	4	15	0.05	< 10	< 10	41	< 10	126
TR 0800M	201 202	5	< 0.01	19	430	22	< 2	1	122	0.01	< 10	< 10	16	< 10	72
TR 0900M	201 202	4	< 0.01	46	720	28	< 2	2	19	0.03	< 10	< 10	43	< 10	220

CERTIFICATION:

Hanki Backler



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CERTIFICATE OF ANALYSIS A9730700

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
TR 1000M	201 202	< 5	0.6	2.45	< 2	240	0.5	< 2	1.69	4.0	9	31	32	3.33	< 10	< 1	0.07	20	0.92	430
TR 1100M	201 202	< 5	< 0.2	2.66	< 2	170	< 0.5	< 2	0.06	0.5	12	37	15	4.54	< 10	< 1	0.05	< 10	1.70	175
TR 1200M	201 202	< 5	0.6	3.07	8	140	1.5	< 2	0.26	0.5	10	33	19	4.05	< 10	< 1	0.07	30	0.96	310
TR 1300M	201 202	< 5	< 0.2	2.53	4	80	< 0.5	< 2	0.15	1.5	14	34	14	4.17	< 10	< 1	0.08	10	1.86	315
TR 1400M	201 202	< 5	0.4	2.45	4	120	1.0	< 2	0.17	1.5	8	29	13	3.75	< 10	< 1	0.06	30	0.58	255
TR 1500M	201 202	< 5	< 0.2	2.03	10	80	0.5	< 2	0.18	2.5	8	41	11	3.88	10	< 1	0.05	10	0.60	295
TR 1600M	201 202	< 5	< 0.2	1.69	20	60	< 0.5	< 2	0.09	0.5	8	28	13	4.78	< 10	< 1	0.05	10	0.54	270
TR 1700M	201 202	< 5	< 0.2	1.42	22	80	< 0.5	< 2	0.13	1.0	8	27	11	4.15	< 10	< 1	0.08	10	0.58	390
TR 1800M	201 202	< 5	1.0	2.31	8	110	0.5	< 2	0.22	1.5	8	29	15	4.20	< 10	< 1	0.05	10	0.67	375
TR 1900M	201 202	< 5	0.4	2.21	12	130	0.5	< 2	0.11	0.5	10	23	21	3.57	< 10	< 1	0.08	20	0.80	195
TR 2000M	201 202	< 5	0.6	2.81	10	70	0.5	< 2	0.33	1.5	8	37	12	4.58	10	< 1	0.05	20	0.68	455
TR2 0000	201 202	< 5	< 0.2	2.08	< 2	110	< 0.5	< 2	1.96	< 0.5	10	39	20	2.72	< 10	< 1	0.14	30	1.75	370
TR2 0100	201 202	< 5	< 0.2	1.80	< 2	80	< 0.5	< 2	0.16	< 0.5	7	27	5	2.29	< 10	< 1	0.08	20	0.74	255
TR2 0200	201 202	< 5	< 0.2	2.33	8	90	0.5	< 2	3.55	< 0.5	10	29	19	3.15	< 10	< 1	0.09	30	1.99	470
TR2 0300	201 202	< 5	< 0.2	1.91	< 2	80	0.5	< 2	0.94	< 0.5	9	28	16	2.64	< 10	< 1	0.08	30	1.21	400
TR2 0400	201 202	< 5	< 0.2	1.99	< 2	90	0.5	< 2	4.83	< 0.5	9	28	21	2.79	< 10	< 1	0.13	30	2.93	670
TR2 0500	201 202	< 5	0.2	2.51	< 2	150	0.5	< 2	2.57	0.5	9	37	24	3.31	< 10	< 1	0.08	30	1.61	595
TR2 0600	201 202	< 5	< 0.2	3.36	4	80	2.0	< 2	0.63	< 0.5	9	46	7	4.23	10	< 1	0.06	20	0.76	440
TR2 0700	201 202	< 5	< 0.2	2.21	< 2	110	< 0.5	< 2	5.79	< 0.5	9	31	20	2.48	< 10	< 1	0.21	10	3.32	400
TR2 0800	201 202	< 5	< 0.2	1.91	< 2	70	< 0.5	< 2	3.91	< 0.5	10	28	19	2.73	< 10	< 1	0.09	20	2.72	640
TR2 0900	201 202	< 5	< 0.2	2.37	< 2	160	0.5	< 2	2.84	0.5	10	35	21	2.42	< 10	< 1	0.28	30	2.27	330
TR2 1000	201 202	< 5	< 0.2	4.02	< 2	300	1.5	< 2	1.76	< 0.5	10	50	14	3.71	10	< 1	0.19	30	1.64	705
TR2 1100	201 202	< 5	< 0.2	4.35	< 2	390	0.5	< 2	1.61	< 0.5	11	45	14	3.22	10	< 1	0.39	20	1.98	410
TR2 1200	201 202	< 5	0.2	4.53	< 2	390	0.5	< 2	3.81	0.5	12	48	23	2.99	10	< 1	0.49	10	2.47	405
TR2 1300	201 202	< 5	< 0.2	2.56	< 2	200	0.5	< 2	1.24	< 0.5	9	37	17	2.62	< 10	1	0.32	20	1.25	385
TR2 1400	201 202	< 5	< 0.2	1.80	2	110	0.5	< 2	0.42	< 0.5	9	37	12	2.47	< 10	< 1	0.11	30	0.75	425
TR2 1500	201 202	< 5	< 0.2	2.71	2	150	0.5	< 2	0.29	< 0.5	10	47	9	2.94	< 10	< 1	0.09	20	1.03	275
TR2 1600	201 202	< 5	< 0.2	3.94	< 2	130	1.5	< 2	0.35	< 0.5	10	44	8	3.64	10	< 1	0.08	20	1.09	405
TR2 1700	201 202	< 5	< 0.2	3.48	4	140	1.0	< 2	0.28	< 0.5	10	50	10	3.35	< 10	< 1	0.08	20	1.27	325
TR2 1800	201 202	< 5	< 0.2	3.03	4	170	0.5	< 2	0.86	< 0.5	10	47	11	3.24	< 10	< 1	0.11	20	1.25	685
TR2 1900	201 202	< 5	< 0.2	4.39	< 2	290	1.0	< 2	1.32	< 0.5	11	51	16	3.39	10	< 1	0.23	20	1.44	310
TR2 2000	201 202	< 5	< 0.2	2.92	6	250	0.5	< 2	1.13	< 0.5	10	39	16	2.46	< 10	< 1	0.37	10	1.21	230
TR2 2100	201 202	< 5	< 0.2	2.54	< 2	210	0.5	< 2	0.64	< 0.5	10	45	15	2.85	< 10	< 1	0.37	20	1.15	455
TR2 2200	201 202	< 5	< 0.2	2.69	2	230	0.5	< 2	0.85	< 0.5	9	44	20	2.79	< 10	< 1	0.27	20	1.16	315
TR3 0000	201 202	< 5	< 0.2	2.81	6	150	0.5	< 2	0.23	< 0.5	10	34	19	2.89	< 10	< 1	0.10	30	1.19	310
TR3 0100	201 202	< 5	< 0.2	5.23	< 2	210	1.5	< 2	0.44	< 0.5	10	45	12	3.45	10	< 1	0.18	20	1.20	735
TR3 0200	201 202	< 5	< 0.2	4.76	6	220	1.5	< 2	0.60	< 0.5	9	50	15	3.26	10	< 1	0.20	30	1.48	475
TR3 0300	201 202	< 5	< 0.2	4.37	< 2	390	0.5	< 2	1.14	0.5	12	47	21	3.22	10	< 1	0.52	30	1.77	510
TR3 0400	201 202	< 5	< 0.2	4.05	2	180	1.5	< 2	0.31	< 0.5	8	36	8	3.54	10	< 1	0.13	20	0.95	510
TR3 0500	201 202	< 5	< 0.2	3.48	10	120	1.5	< 2	0.20	< 0.5	9	37	10	3.45	10	< 1	0.10	20	0.83	370

CERTIFICATION: *[Signature]*



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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TR 1000M	201 202	3 < 0.01		37	1090	24 < 2		3	43	0.05 < 10	< 10	< 10	46 < 10		248
TR 1100M	201 202	6 < 0.01		37	310	18 < 2		1	6	0.04 < 10	< 10	< 10	132 < 10		204
TR 1200M	201 202	6 < 0.01		51	660	30 < 2		3	14	0.06 < 10	< 10	< 10	46 < 10		222
TR 1300M	201 202	7 < 0.01		43	480	24 < 2		1	7	0.07 < 10	< 10	< 10	161 < 10		314
TR 1400M	201 202	6 < 0.01		36	620	34 < 2		2	10	0.05 < 10	< 10	< 10	54 < 10		268
TR 1500M	201 202	5 < 0.01		33	760	24 < 2		1	11	0.12 < 10	< 10	< 10	53 < 10		158
TR 1600M	201 202	15 < 0.01		45	1090	24 < 2	< 1	1	7	0.03 < 10	< 10	< 10	66 < 10		292
TR 1700M	201 202	16 < 0.01		44	1370	22 < 2	< 1	9	9	0.03 < 10	< 10	< 10	59 < 10		306
TR 1800M	201 202	9 < 0.01		35	1070	32 < 2		1	14	0.05 < 10	< 10	< 10	62 < 10		286
TR 1900M	201 202	17 < 0.01		61	880	22 < 2		1	8	0.03 < 10	< 10	< 10	88 < 10		318
TR 2000M	201 202	7 < 0.01		31	1050	18 < 2		2	17	0.16 < 10	< 10	< 10	69 < 10		188
TR2 0000	201 202	3 0.03		40	510	18 < 2		3	32	0.05 < 10	< 10	< 10	34 < 10		80
TR2 0100	201 202	4 < 0.01		18	230	10 < 2		3	11	0.07 < 10	< 10	< 10	43 < 10		70
TR2 0200	201 202	4 0.04		25	340	14 < 2		3	42	0.05 < 10	< 10	< 10	32 < 10		64
TR2 0300	201 202	4 0.02		28	400	10 < 2		3	22	0.05 < 10	< 10	< 10	29 < 10		60
TR2 0400	201 202	3 0.04		26	420	12 < 2		3	49	0.04 < 10	< 10	< 10	28 < 10		58
TR2 0500	201 202	4 0.04		33	790	16 < 2		3	38	0.09 < 10	< 10	< 10	41 < 10		66
TR2 0600	201 202	3 0.01		37	340	12 < 2		4	23	0.17 < 10	< 10	< 10	51 < 10		78
TR2 0700	201 202	5 0.09		32	470	8 < 2		3	72	0.05 < 10	< 10	< 10	31 < 10		56
TR2 0800	201 202	4 0.03		28	510	10 < 2		3	38	0.04 < 10	< 10	< 10	26 < 10		56
TR2 0900	201 202	4 0.09		36	450	10 < 2		4	56	0.07 < 10	< 10	< 10	43 < 10		68
TR2 1000	201 202	4 0.15		39	470	10 < 2		6	76	0.12 < 10	< 10	< 10	70 < 10		78
TR2 1100	201 202	5 0.23		25	410	10 < 2		6	105	0.10 < 10	< 10	< 10	60 < 10		70
TR2 1200	201 202	3 0.28		26	380	6 < 2		7	147	0.12 < 10	< 10	< 10	170 < 10		102
TR2 1300	201 202	6 0.10		30	590	6 < 2		4	59	0.08 < 10	< 10	< 10	48 < 10		62
TR2 1400	201 202	4 0.03		39	310	6 < 2		3	25	0.10 < 10	< 10	< 10	35 < 10		50
TR2 1500	201 202	4 0.02		43	250	8 < 2		4	20	0.11 < 10	< 10	< 10	44 < 10		56
TR2 1600	201 202	3 0.03		34	390	10 < 2		4	21	0.14 < 10	< 10	< 10	57 < 10		78
TR2 1700	201 202	5 0.03		44	260	8 < 2		5	20	0.12 < 10	< 10	< 10	63 < 10		70
TR2 1800	201 202	4 0.05		35	410	10 < 2		4	35	0.10 < 10	< 10	< 10	87 < 10		86
TR2 1900	201 202	4 0.12		30	530	10 < 2		6	60	0.15 < 10	< 10	< 10	80 < 10		106
TR2 2000	201 202	5 0.09		30	620	8 < 2		4	52	0.09 < 10	< 10	< 10	52 < 10		92
TR2 2100	201 202	6 0.05		39	460	4 < 2		4	36	0.09 < 10	< 10	< 10	46 < 10		80
TR2 2200	201 202	4 0.04		42	580	10 < 2		4	40	0.08 < 10	< 10	< 10	42 < 10		80
TR3 0000	201 202	5 0.01		28	540	10 < 2		3	28	0.08 < 10	< 10	< 10	57 < 10		106
TR3 0100	201 202	3 0.03		21	950	12 < 2		4	29	0.11 < 10	< 10	< 10	92 < 10		106
TR3 0200	201 202	4 0.08		24	730	8 < 2		5	42	0.14 < 10	< 10	< 10	115 < 10		86
TR3 0300	201 202	4 0.19		28	580	12 < 2		6	85	0.12 < 10	< 10	< 10	123 < 10		98
TR3 0400	201 202	6 0.03		18	900	12 < 2		3	23	0.11 < 10	< 10	< 10	82 < 10		112
TR3 0500	201 202	5 0.01		24	700	10 < 2		3	17	0.09 < 10	< 10	< 10	78 < 10		72

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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



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

Page Number : 7-A
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 Certificate Date: 12-JUL-97
 Invoice No. : I9730700
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 Account : EIA

Project : HEG97-01
 Comments: ATTN: J. WEBER/J. LEHTINEN CC: J. ROBBINS/L. BARRY

CERTIFICATE OF ANALYSIS

A9730700

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
TR3 0600	201 202	< 5 < 0.2	3.33	< 2	330	0.5	< 2	0.62	2.0	11	42	14	3.21	10	< 1	0.17	10	1.09	2900	
TR3 0700	201 202	< 5 < 0.2	5.65	20	260	1.5	< 2	0.51	0.5	19	51	31	3.98	10	1	0.28	20	1.64	940	
TR3 0800	201 202	< 5 < 0.2	3.67	6	220	1.5	< 2	0.31	< 0.5	10	40	12	3.23	10	< 1	0.21	30	1.12	525	
TR3 0900	201 202	< 5 < 0.2	4.00	< 2	320	0.5	< 2	0.53	< 0.5	11	45	15	2.91	< 10	< 1	0.25	30	1.50	405	
TR3 1000	201 202	< 5 < 0.2	4.20	< 2	180	1.0	< 2	0.24	< 0.5	10	47	13	3.18	10	< 1	0.11	30	1.37	305	

CERTIFICATION: John A. Robbins



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

Project: HEG97-01
Comments: ATTN: J. WEBER/J. LEHTINEN CC: J. ROBBINS/L. BARRY

Plumber :7-B
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Invoice No. : I9730700
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS

A9730700

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
TR3 0600	201	202	6	0.01	23	2200	8	< 2	1	38	0.05	< 10	< 10	119	< 10	122
TR3 0700	201	202	5	0.10	56	870	16	< 2	6	40	0.12	< 10	< 10	148	< 10	132
TR3 0800	201	202	4	0.03	30	730	10	< 2	4	29	0.11	< 10	< 10	88	< 10	114
TR3 0900	201	202	4	0.08	27	430	8	< 2	5	54	0.11	< 10	< 10	97	< 10	78
TR3 1000	201	202	4	0.01	31	800	6	< 2	5	21	0.12	< 10	< 10	99	< 10	98

CERTIFICATION:

Heidi Beckler



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

A9730699

Comments: ATTN: J. WEBER/J. LEHTINEN CC: J. ROBBINS/L. BARRY

CERTIFICATE

A9730699

(EIA) - EQUITY ENGINEERING LTD.

Project: HEG97-01
P.O.#:

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

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	152	Dry, sieve to -80 mesh
202	152	save reject
229	152	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	152	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	152	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	152	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	152	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	152	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	152	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	152	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	152	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	152	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	152	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	152	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	152	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	152	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	152	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	152	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	152	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	152	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	152	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	152	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	152	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	152	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	152	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	152	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	152	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	152	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	152	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	152	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	152	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	152	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	152	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	152	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	152	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	152	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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EQUITY ENGINEERING LTD.
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Page Number : 2-B
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Project : HEG97-01
 Comments : ATTN: J. WEBER/J. LEHTINEN CC: J. ROBBINS/L. BARRY

CERTIFICATE OF ANALYSIS A9730699

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
CL1660 0.0E	201 202	< 1	< 0.01	7	840	44	2	< 1	11	0.01	< 10	< 10	23	< 10	184
CL1660 0100E	201 202	< 1	< 0.01	3	1130	42	< 2	1	20	< 0.01	< 10	< 10	14	< 10	250
CL1660 0200E	201 202	< 1	< 0.01	11	1030	62	< 2	< 1	15	0.04	< 10	< 10	22	< 10	164
CL1660 0300E	201 202	< 1	< 0.01	11	980	58	< 2	< 1	11	0.04	< 10	< 10	32	< 10	150
CL1660 0400E	201 202	1	< 0.01	15	540	48	< 2	1	8	0.08	< 10	< 10	34	< 10	134
CL1660 0500E	201 202	2	< 0.01	13	760	72	< 2	1	57	0.06	< 10	80	24	< 10	444
CL1660 0600E	201 202	2	< 0.01	10	1120	82	< 2	1	111	0.01	< 10	150	20	< 10	340
CL1660 0700E	201 202	2	< 0.01	19	750	84	< 2	1	28	0.04	< 10	30	28	< 10	278
CL1660 0800E	201 202	1	< 0.01	13	1300	82	< 2	< 1	23	0.01	< 10	< 10	32	< 10	250
CL1660 1000E	201 202	1	< 0.01	11	610	48	< 2	1	9	0.15	< 10	< 10	58	< 10	98
CL1660 1100E	201 202	1	< 0.01	14	630	94	2	2	14	0.04	< 10	< 10	24	< 10	206
CL1660 1200E	201 202	4	< 0.01	9	1480	110	2	< 1	8	0.04	< 10	10	31	< 10	114
CL1742 0.0SW	201 202	2	< 0.01	12	990	64	2	1	28	0.06	< 10	< 10	35	< 10	172
CL1742 0100SW	201 202	1	< 0.01	14	690	128	2	2	11	0.02	< 10	10	27	< 10	432
CL1742 0200SW	201 202	1	0.01	12	800	202	6	3	21	0.02	< 10	< 10	26	< 10	734
CL1742 0300SW	201 202	1	< 0.01	25	940	162	4	5	17	0.10	< 10	< 10	40	< 10	454
CL1742 0400SW	201 202	< 1	< 0.01	4	630	90	2	1	7	0.01	< 10	< 10	12	< 10	294
CL1742 0500SW	201 202	< 1	< 0.01	8	770	226	2	3	30	0.01	< 10	10	20	< 10	642
CL1742 0600SW	201 202	1	< 0.01	8	750	256	2	1	19	0.02	< 10	< 10	24	< 10	438
CL1742 0700SW	201 202	1	< 0.01	12	900	178	< 2	2	18	0.04	< 10	< 10	29	< 10	406
CL1742 0800SW	201 202	1	< 0.01	17	850	218	2	3	15	0.04	< 10	10	30	< 10	598
CL1742 0900SW	201 202	1	< 0.01	12	920	202	2	1	18	0.01	< 10	< 10	27	< 10	414

CERTIFICATION: *H. Beckler*



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

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

Project : HEG97-01

Comments: ATTN: J. WEBER/J. LEHTINEN CC: J. ROBBINS/L. BARRY

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Total Pages : 4
Certificate Date: 10-JUL-97
Invoice No. : 19730699
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS

A9730699

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
CL1742 1000SW	201	202	< 5	0.2	1.21	22	60	0.5	< 2	0.10	< 0.5	4	22	6	3.06	10	< 1	0.12	< 10	0.31	825
CL1742 1100SW	201	202	< 5	2.4	1.23	70	180	2.5	< 2	0.54	2.0	6	10	8	2.95	< 10	< 1	0.14	10	0.18	7140
CL1742 1200SW	201	202	< 5	3.4	1.65	104	160	3.0	< 2	0.58	7.0	5	9	12	2.50	< 10	< 1	0.15	30	0.25	8010
CL1742 1300SW	201	202	< 5	6.0	1.09	100	60	1.0	< 2	0.16	0.5	4	21	11	3.63	10	< 1	0.13	10	0.21	4180
CL1742 1400SW	201	202	< 5	1.6	1.31	62	80	1.5	< 2	0.12	1.5	5	15	8	2.87	< 10	< 1	0.15	10	0.19	8510

CERTIFICATION: Hart Buchler



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CERTIFICATE OF ANALYSIS

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SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
CL1742 1000SW	201	202	2 < 0.01		11	650	84	< 2	< 1	9	0.04	< 10	< 10	27	< 10	202
CL1742 1100SW	201	202	4 < 0.01		8	1280	466	< 2	3	46 < 0.01	< 10	10	17	< 10	938	
CL1742 1200SW	201	202	1 < 0.01		8	1030	1085	2	3	53 < 0.01	< 10	20	14	< 10	1540	
CL1742 1300SW	201	202	1 < 0.01		9	790	1105	2	1	20	0.05	< 10	< 10	32	< 10	478
CL1742 1400SW	201	202	1 < 0.01		9	1070	514	2	< 1	22	0.01	< 10	< 10	20	< 10	572
CL1742 1500SW	201	202	< 1	0.01	6	1040	522	6	< 1	19 < 0.01	< 10	< 10	18	< 10	654	

CERTIFICATION: Hart Buchler

APPENDIX E

LIST OF PERSONNEL

LIST OF PERSONNEL

Rory Edwards, Sampler
110 Park Street
Iroquois Falls, Ontario

Jim Lehtinen, P. Geo.
4317 Briardale Road
Royston, British Columbia

Dirk Moraal, Prospector/Sampler
General Delivery
Tagish, Yukon Territory

Jason Weber, B.Sc. (Geology)
#309 - 250 East 2nd Street
North Vancouver, British Columbia

APPENDIX F

GEOLOGIST'S CERTIFICATE

GEOLOGIST'S CERTIFICATE

I, Jason S. Weber, of 309 - 250 East 2nd Street, North Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Consulting Geologist with offices at Suite 207, 675 West Hastings Street, Vancouver, British Columbia.
2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science degree in Geology.
3. THAT this report is based on fieldwork carried out by me or under my direction in June 1997, and on publicly available reports.
4. THAT I have no interest in Hunter Exploration Group, any of their affiliates, nor in the subject property, nor do I expect to acquire any such interest.

DATED at Vancouver, British Columbia, this ___ day of October, 1997.

Jason S. Weber, B. Sc.

