Hunter Exploration Group

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1997 GEOLOGICAL & GEOCHEMICAL REPORT ON THE MAJOR HART PROJECT

Located in the Major Hart River Area
Liard Mining Division
NTS 104I/6W
British Columbia, Canada

58° 49' North Latitude
128° 28' West Longitude

-prepared for-

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September 1997

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,167

SUMMARY

The Major Hart Project is located in the Major Hart River area, in the Liard Mining Division of north-central British Columbia. The project area lies approximately 105 kilometres northeast of the town of Dease Lake, British Columbia. The Ram property is centred at 58° 47' north latitude and 128° 28' west longitude, and the MH 2 and Major are located eight kilometres north at 58° 52' north and 128° 27' west. The Major Hart project is comprised of three properties (Major 1, MH 2, and Ram), made up of 8 non-contiguous claims totalling 126 units. The properties are located within the Liard Mining Division of north-central British Columbia. The claims were staked in the summer of 1996 to cover an area of anomalous silver and base metal in silt samples from the 1996 BC Regional Geochemical Survey Cry Lake Release (RGS 44)

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, BC.

Amoco Canada Petroleum Company Ltd. conducted a mapping and soil and silt geochemistry program in 1982 in the area of what is now the Ram property. This program outlined two areas of very anomalous lead and zinc soil geochemistry with values as high as 3320 ppm lead and 4600 ppm zinc. No further work was conducted by Amoco on the property. There is no record of previous work completed on the MH 2 and Major 1 properties. 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. The Major Hart properties were staked to cover the possible source areas for anomalous silver and base metal anomalies identified in the RGS survey.

A total of six mandays were spent mapping, prospecting and sampling the Major 1 and MH 2 properties by a crew consisting of a geologist and a sampler. This work program was focused primarily on mapping/prospecting, and silt sampling the major drainages as the steep topography limited access to higher elevations on the property. Three rock samples, 10 silt samples, and six soil samples were collected from the Major 1 property, and five rock samples and five silt samples were collected from the MH 2 property. Six mandays were spent on the Ram property by a crew of one geologist and one sampler. The program consisted of reconnaissance mapping, prospecting, and rock, silt, and soil sampling, concentrating on the southern portion of the Ram 7 claim, where Amoco conducted its 1982 program. Twenty-nine rock samples, 11 silt samples, and 12 soil samples were collected in the course of the 1997 program.

Regional mapping by Gabrielse (1994), shows the three Major Hart properties to be located near the boundary of the Slide Mountain Terrane with the Ancestral North America (ANA) Terrane. The Slide Mountain Terrane has been thrust onto the ANA Terrane along the north to northwest trending Nahlin Fault. The Slide Mountain Terrane(Mississippian to Triassic), generally east of the ANA, is composed dominantly of tholeiitic basalt, chert, argillite, slate, and quartz to feldspathic arenite. The Ancestral North American Terrane (Upper Proterozoic to Mississippian) is dominantly clastic sediments, siltstone, shale, and slate of the Road River Formation, Earn and Kechika groups, with minor dolostone and limestone of the McDame and Rosella Formations.

Multi-station lead, zinc, silver and molybdenum values were identified in silt samples on the Major 1 property. Anomalous silts remain unexplained as rock samples collected from altered or mineralized float did not account for metal concentrations returned from silt sampling. Follow-up of the anomalies by silt and soil sampling, as well as prospecting, is recommended.

Owing to the extremely steep terrain on the MH 2 property, it is recommended that the property should be examined with a follow-up survey conducted later in the summer at a time when all snow and ice has melted, and access to the creeks is safer. The program should consist of soil and silt geochemistry carried out in conjunction with prospecting and mapping.

The 1997 program on the Ram property confirmed the anomalous lead and zinc soil geochemistry defined by Amoco in 1982. Prospecting in the lower elevations around the Amoco grid uncovered one sphalerite-galena vein that may be responsible for some of the anomalous soil geochemistry in the area. Soil geochemistry for lead and zinc indicate that background levels for the two are quite high, but large areas of very anomalous lead and zinc soil geochemistry exist. Encouraging results from silt, soil and rock analyses requires that a program of systematic prospecting and sampling be conducted on the Ram property. A majority of the property remains untested and requires prospecting and sampling. In the same program, sampling and prospecting of the northern section of the property should be undertaken to investigate unexplored areas, as well as additional areas of anomalous soil geochemistry defined by Amoco in 1982.

1997 GEOLOGICAL AND GEOCHEMICAL REPORT ON THE MAJOR HART PROJECT, BRITISH COLUMBIA

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1.0 INTRODUCTION

The Major Hart Project is located in the Major Hart River area, in the Liard Mining Division of north-central British Columbia (Figure 1). The project area lies approximately 105 kilometres northeast 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 metal values 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 Major Hart project is comprised of three properties (Major 1, MH 2, and Ram), made up of 8 non-contiguous claims totalling 126 units. The property is located within the Liard Mining Division of north-central 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, Lawrence Barry, and Watershed Resources Limited; separate documents indicate that they are held for Hunter Exploration Group.

TABLE 2.0.1
CLAIM DATA - MAJOR 1 & MH2 PROPERTIES

Claim Name	Tenure Number	No. of Units	Record Date`	Expiry Date
Major 1	348536	15	July 5, 1996	1998*
MH 2	349264	20	July 29, 1996	1998*

* Subject to approval of work covered by this report.

TABLE 2.0.2
CLAIM DATA - RAM PROPERTY

Claim Name	Tenure Number	No. of Units	Record Date`	Expiry Date
Ram 5	348534	20	July 5, 1996	1998*
Ram 7	345835	15	July 5, 1996	1998*
MH 3	349265	20	August 1, 1996	1998*
MH 4	349266	20	August 1, 1996	1998*
		75		

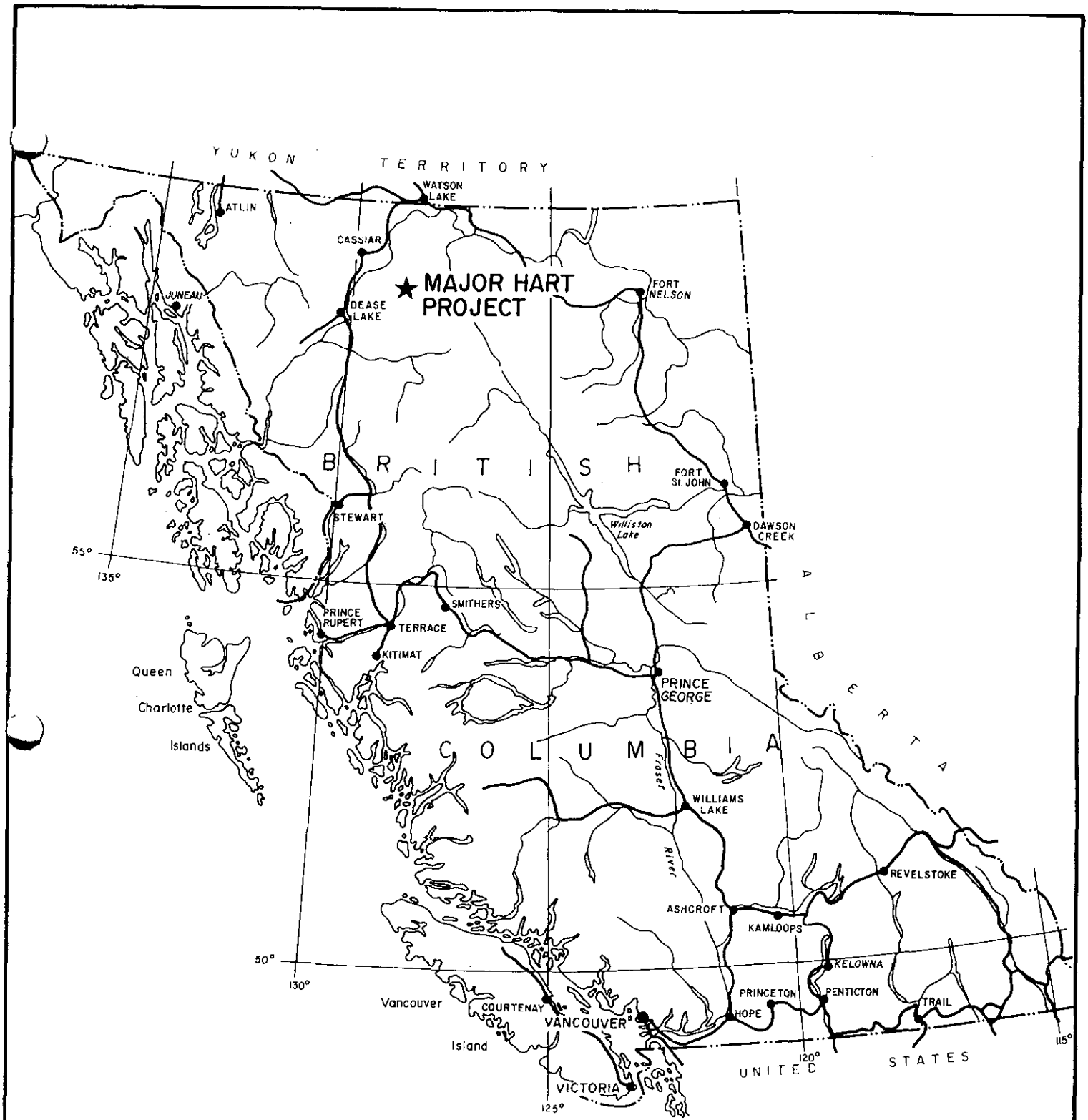
* Subject to approval of work covered by this report.

3.0 LOCATION, ACCESS, AND GEOGRAPHY

The Major Hart project is located approximately 105 kilometres northeast of Dease Lake in northwestern British Columbia. The Ram property is centred at 58° 47' north latitude and 128° 28' west longitude, and the MH 2 and Major are located eight kilometres north at 58° 52' north and 128° 27' west.

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, BC.

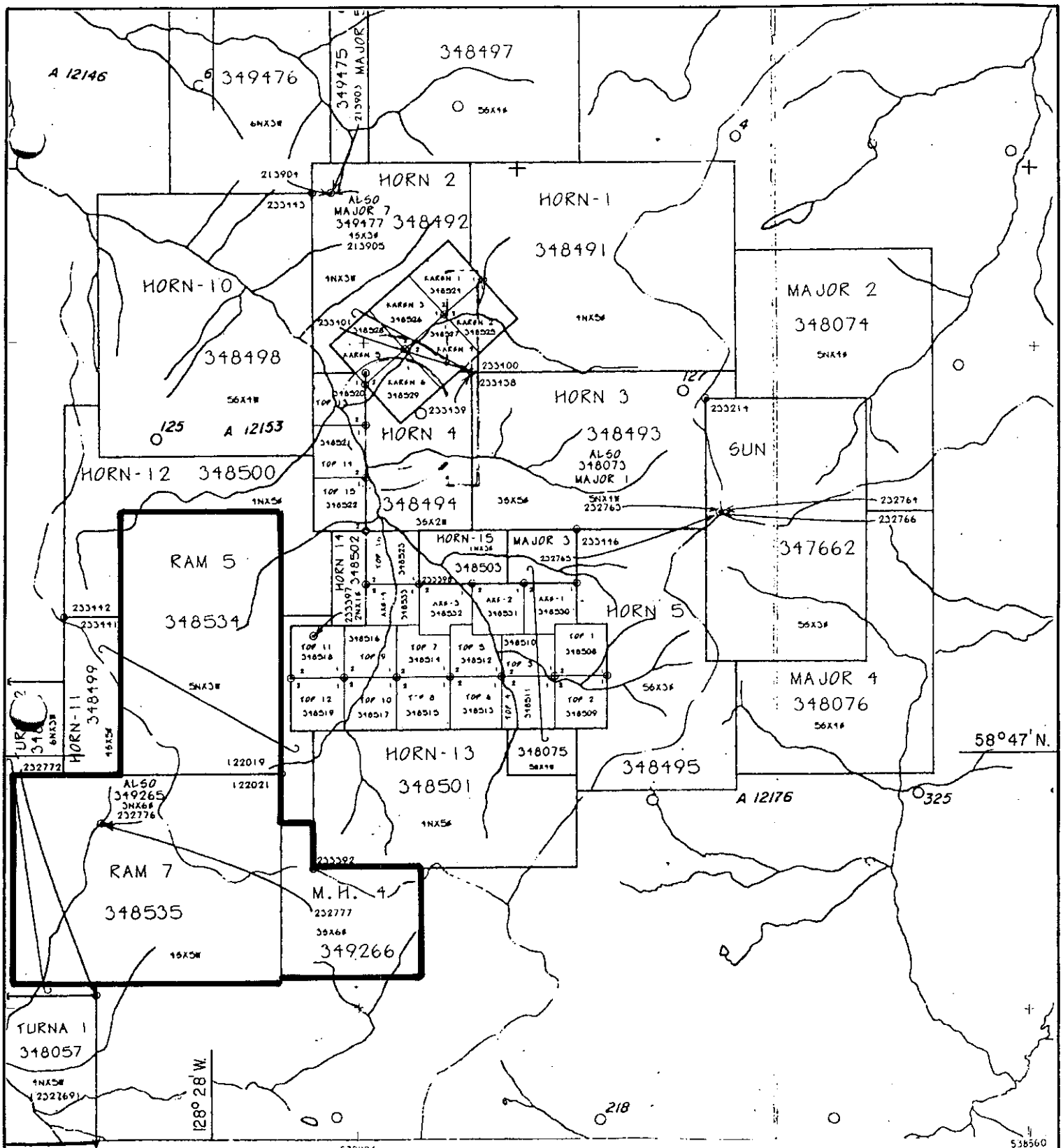
Topography is mountainous, characterized by steep terrain. Elevations range from 800 metres to 2276 metres above sea level. The Major Hart project area is subject to a continental climatic regime, with moderate summers and cold winters. Vegetation is varied, consisting of willows and buckbrush with minor coniferous growth in lower elevations and drainages, and sub-alpine to alpine meadows above treeline.

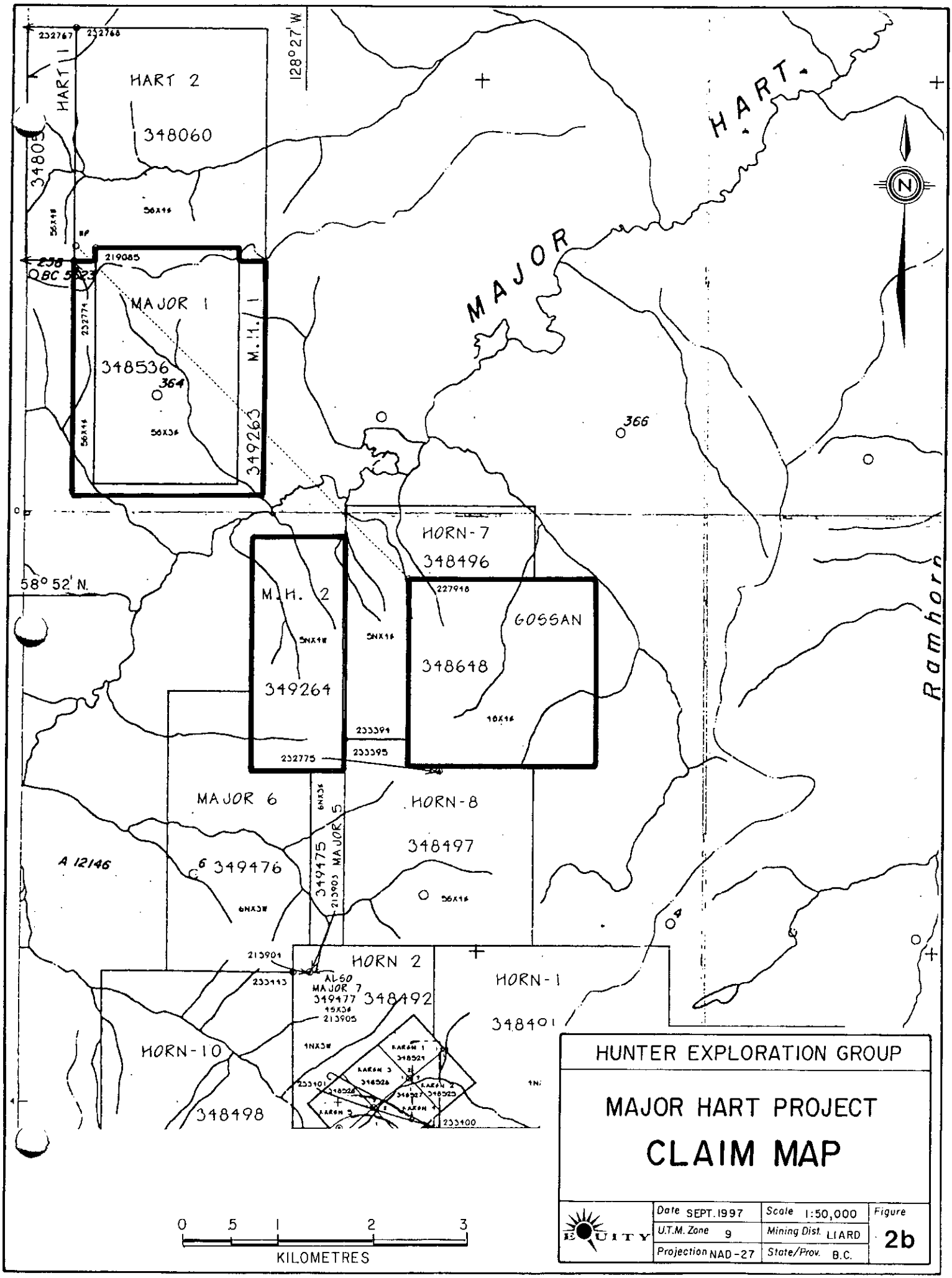


HUNTER EXPLORATION GROUP

MAJOR HART PROJECT
LOCATION MAP

EQUITY	Date SEPT. 1997	Scale As shown	Figure 1
	U.T.M. Zone 9	Mining Dist. LIARD	
	Projection NAD-27	State/Prov B.C.	


A 12146
349476
348497
349475
MAJOR 6
HORN 2
ALSO
MAJOR 7
349477
348492
HORN-1
348491
HORN-10
348498
MAJOR 2
348074
125
A 12153
HORN 3
348493
ALSO
348073
MAJOR 1
HORN 4
HORN-12 348500
348494
SUN
127
HORN-15
MAJOR 3
348503
347662
RAM 5
348534
HORN 14
348502
HORN 5
HORN-11
348499
MAJOR 4
348076
HORN-13
348501
348075
348495
A 12176
325
58°47'N.
ALSO
349265
RAM 7
348535
M.H. 4
232777
349266
TURNA 1
348057
128°28'W.
218
538560
0 5 1 2 3
KILOMETRES.
N
HUNTER EXPLORATION GROUP
MAJOR HART PROJECT
CLAIM MAP
EQUITY
Date SEPT. 1997
Scale 1:50,000
Figure
2a
U.T.M. Zone 9
Mining Dist. LIARD
Projection NAD-27
State/Prov. B.C.


HART 2
348060
HART 1
348803
128°27' W
HART
MAJOR
MAJOR 1
348536
364
349263
M.H. 1
366
HORN-7
348496
58° 52' N.
M.H. 2
349264
GOSSAN
348648
Ramhorn
MAJOR 6
HORN-8
348497
A 12146
349476
349475
MAJOR 5
HORN 2
ALSO
MAJOR 7
349477
348492
HORN-1
348401
HORN-10
348498
N
0 .5 1 2 3
KILOMETRES
HUNTER EXPLORATION GROUP
MAJOR HART PROJECT
CLAIM MAP
EQUITY
Date SEPT. 1997
Scale 1:50,000
U.T.M. Zone 9
Mining Dist. LIARD
Projection NAD-27
State/Prov. B.C.
Figure
2b

4.0 PROPERTY EXPLORATION HISTORY

Amoco Canada Petroleum Company Ltd. conducted a mapping, and soil and silt geochemistry program in 1982 in the area of what is now the Ram property (Miller, 1983). This program outlined two areas of very anomalous lead and zinc soil geochemistry with values as high as 3320 ppm lead and 4600 ppm zinc. There is no record of follow-up program work on the property. During the staking program in 1996, two float samples where collected from the northeastern corner of the Ram 7 claim. One of these returned a value of 1900 ppm copper. There is no record of previous work completed on the MH 2 and Major 1 properties.

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 Major Hart properties were staked to cover the possible source areas for anomalous silver and base metal anomalies identified in the RGS survey.

5.0 1997 EXPLORATION PROGRAM

A total of six mandays were spent mapping, prospecting and sampling the Major 1 and MH 2 properties by a crew consisting of a geologist and a sampler. This work program was focused primarily on mapping/prospecting, and silt sampling the major drainages as the steep topography limited access to higher elevations on the property. The Major 1 property was investigated primarily by silt sampling the southeast draining creeks on the east side of the property. The MH 2 property was investigated by silt and rock sampling two north flowing drainages. Owing to the extremely steep terrain, only lower elevations were examined. Three rock samples, 10 silt samples, and six soil samples were collected from the Major 1 property, and five rock samples and five silt samples were collected from the MH 2 property.

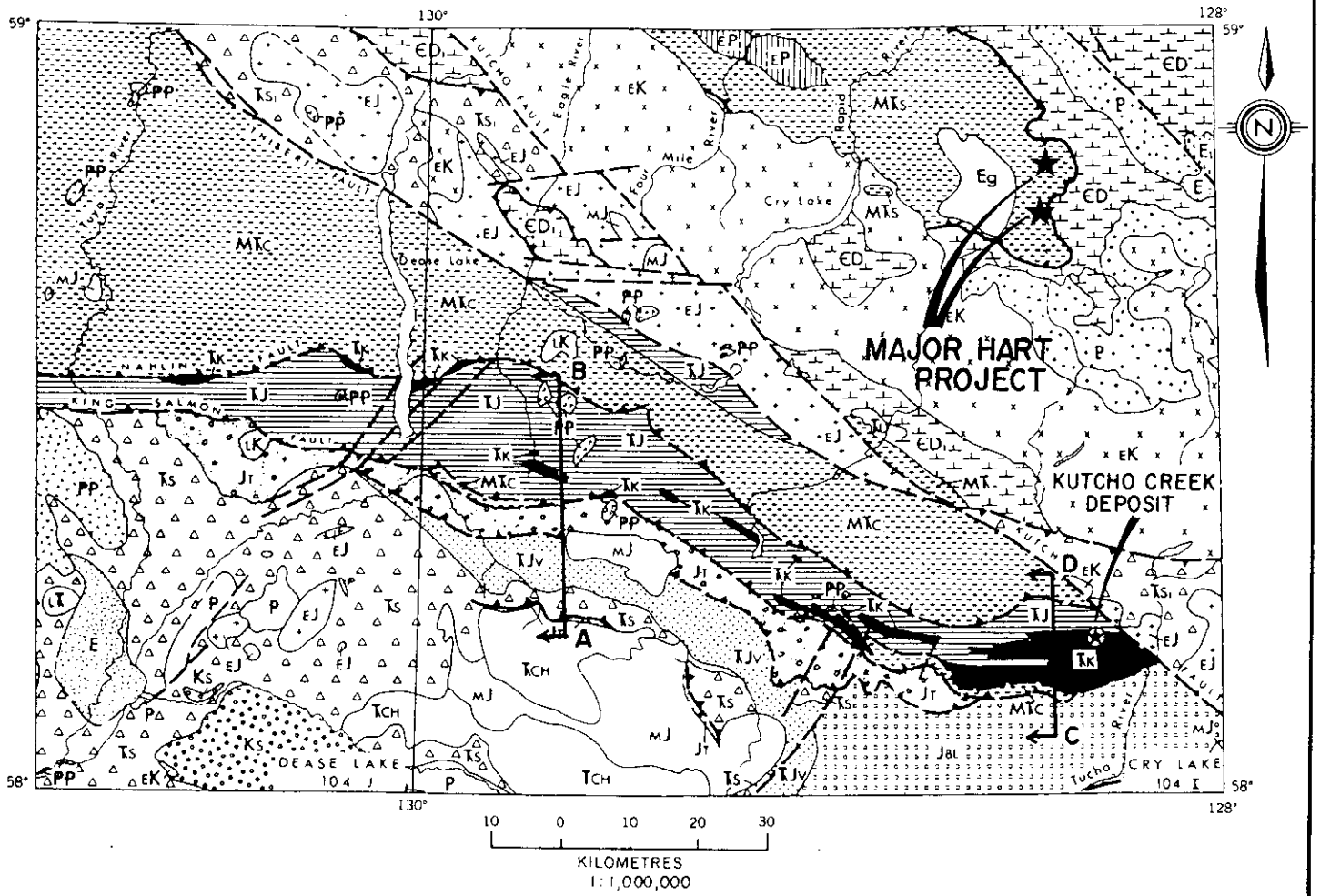
Six mandays were spent on the Ram property by a crew of one geologist and one sampler. The program consisted of reconnaissance mapping, prospecting, and rock, silt, and soil sampling. Exploration concentrated on the southern portion of the Ram 7 claim, where Amoco conducted its 1982 program. Twenty-nine rock samples, 11 silt samples, and 12 soil samples were collected in the course of the 1997 program.

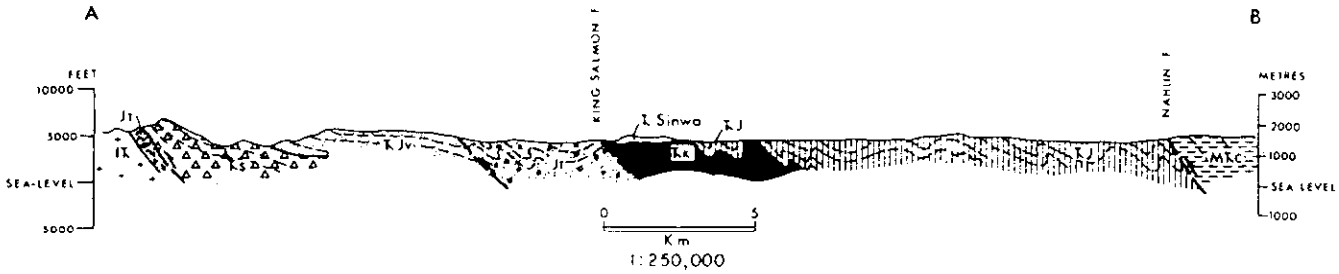
All samples were analyzed for gold geochemically and for 32 additional elements by ICP at Chemex Labs in North Vancouver. Rock sample descriptions are found in Appendix C, and analytical certificates are in Appendix D.

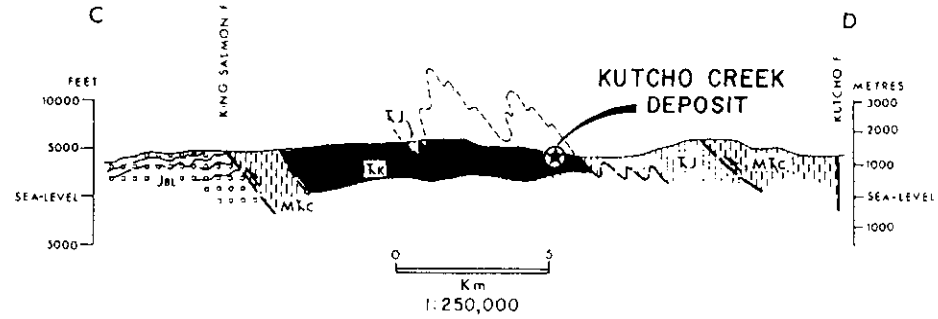
6.0 REGIONAL GEOLOGY

Regional mapping by Gabrielse (1994), shows the three Major Hart properties to be located near the boundary of the Slide Mountain Terrane with the Ancestral North America (ANA) Terrane (Figure 3). The Slide Mountain Terrane has been thrust onto the ANA Terrane along the north to northwest trending Nahlin Fault. The Slide Mountain (Mississippian to Triassic), generally east of the ANA, is composed dominantly of tholeiitic basalt, chert, argillite, slate, and quartz to feldspathic arenite. The Ancestral North American Terrane (Upper Proterozoic to Mississippian) is dominantly clastic sediments, siltstone, shale, and slate of the Road River Formation, Earn and Kechika groups, with minor dolostone and limestone of the McDame and Rosella Formations.

Mapping by Gabrielse (1994), shows the Nahlin thrust fault cutting through the southwestern corner of the Ram property with a northerly trend. It crosses the MH 2 claim with a north-northwesterly trend where it is truncated by a northwesterly trending unnamed normal fault. Movement along this fault







Legend on following page.

Adapted from Thorstad and Gabrielse (1986)

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MAJOR HART PROJECT

REGIONAL GEOLOGY

EQUITY	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

E_1 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

LP_1 Granite; age uncertain

CAMBRIAN TO UPPER DEVONIAN

CD/CD_1 **Atan, Kechika, Sandpile and McDame Groups:** sandstone, siltstone, shale, limestone, dolomite

CD Mainly shelf and platform facies

CD_1 Mainly off-shelf facies

UPPER PROTEROZOIC

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

Geology taken from Thorstad and Gabrielse (1986).

has resulted in a downthrown southwest block. This normal fault likely crosses the Major Hart River to the northwest, but is buried by Quaternary sediments of glacial, glacio-fluvial, and fluvial origin. The Major property to the northwest hosts the continuation of the normal fault where it shown to truncate the Nahlin fault.

7.0 PROPERTY GEOLOGY

7.1 Major 1 Property Geology

Geology of the property from Gabrielse (1994) indicates that the Major property is dominantly underlain by Slide Mountain Terrane sedimentary rocks cut by a normal fault with has a southwest down thrown side (Figure 4). On the northeast side of the normal fault, the rocks consist of Slide Mountain chert thrust over McDame Formation limestone and Earn Group shale and argillite. The southwest side of the normal fault is completely underlain by Slide Mountain Terrane cherty sediments. Field mapping on the property encountered limestone, argillite, phyllite, shale and chert of the Slide Mountain Terrane, Earn Group and McDame Formation rocks. Prospecting discovered two major silicified zones in the McDame Formation limestone. One of the zones displayed erratic, patchy aggregations of tetrahedrite which was selectively sampled (316623). Overall the concentration of tetrahedrite would be of trace amounts. Quartz float was prevalent in both creeks, although only one float sample displayed azurite stain.

7.2 MH 2 Property Geology

Geology of the MH 2 property is taken from Gabrielse (1994) as little outcrop mapping was conducted during the 1997 program. Gabrielse indicates the dominant lithology on the property to be Paleozoic tholeitic basalt with the McDame Formation limestone and Earn Group shale and argillite underlying the northeast corner. A reconnaissance helicopter survey of the gossan located on Cottonwood Creek indicates a sequence of thinly bedded, black, fine-grained sediments which are likely Slide Mountain Terrane rocks or alternatively, Earn Group sediments. These sediments host minor quartz veining and iron stain which is producing the highly visible gossan on the north facing slope. Numerous volcanic float blocks in the creek suggest the presence of the tholeitic basalt unit above the area investigated.

7.3 Ram Property Geology

The Ram property is almost completely within the Slide Mountain Terrane, according to regional mapping (Gabrielse, 1994). The southwestern corner is shown to be underlain be lithologies of the ANA terrane. Lithologies observed on the Ram property include mafic volcanic flows and tuffs, as well as chert and argillite. All units correspond to Slide Mountain Terrane rocks mapped by Gabrielse. Previous mapping by Amoco in 1982 (Miller, 1983), describes volcanics, chert, and argillite, as well as sill-like mafic to ultramafic intrusives. Similar ultramafic units were encountered southeast of camp in the 1997 program. Numerous small-scale faults exist on the property. Miller describes silicification associated with faulting in his 1983 report, possibly referring to a silicified knob between lines 6+00 S and 8+00 S, approximately 200 metres east of the baseline. A number of faults host gossans, and in the case of one cutting the silicified knob, sphalerite-galena veins were discovered.

8.0 GEOCHEMISTRY

8.1 Major Property Geochemistry

A total of 10 silt samples were taken during the course of prospecting the two drainages of the property. Results indicate that all the zinc and molybdenum values returned are ranked as high anomalies relative to the RGS statistical data. Also 80% of the silver values returned are ranked in the

moderate to high range while lead values are ranked as moderate anomalies. Elevated silver values in silts can be explained by the minor silicified and stringered zones which host minor concentrations of tetrahedrite.

A total of six soil samples from a single soil line returned metal values which were comparable to the silt values obtained from the two major drainages.

Three rock samples were taken during the course of the program. Rock sample 316623 selectively sampled tetrahedrite in quartz veining in a silicified zone hosted in limestone, returning 14.6 ppm silver, 458 ppm copper, 1310 ppm lead, and 44 ppm zinc. Sample 316622 was taken in a silicified, weakly gossanous zone along a thrust fault, returned low values. No significant mineralization was recognized other than the silicified limestone, and minor quartz veining.

8.2 MH 2 Property Geochemistry

Sampling on the property was restricted to the lower reaches of the creeks. A total of five silt samples were taken from Cottonwood and Anson Creeks. Relative to the RGS survey statistical data all the metal values for the five samples returned high ranking zinc (>218 ppm), molybdenum (>10 ppm) and silver (> 0.5 ppm) with moderate to high lead and moderate to high copper.

A single float sample (316624) with pyrite, sphalerite, and galena hosted in quartz returned 29.8 ppm silver, 2210 ppm lead and 2320 ppm zinc. The vein quartz may have originated from the veining observed in the black gossanous sediments viewed during the helicopter reconnaissance of the upper reaches of the creeks.

8.3 Ram Property Geochemistry

Rock, silt, and soil geochemical sampling was concentrated on the Ram 7 claim in the southern portion of the property. It is in this area that Amoco defined anomalous soil and silt geochemistry in their 1982 program. Soil development in the grid area is poor at the higher elevations due to steep terrain with active talus slopes. At lower elevations, vegetated areas concentrated near the stream roughly parallel to the baseline, have better soil development. A contour line starting near the southern property boundary, ending approximately 100 metres east of the end of line 8+00 S, was able to confirm and extend the lead-zinc anomalies defined by Amoco (Figure 4). Analyses of sample MH 1700 800N returned values of 2600 ppm lead and 2630 ppm zinc. Two other samples from this line (stations 500N, and 700N) returned values of greater than 300 ppm lead and 500 ppm zinc. Three samples returned values of greater than 200 ppm copper. Grab soils MH97JW-1 and MH7600FT returned values 237 and 320 ppm copper, and MH 1700 500 N returned 238 ppm copper. The two grab soil samples likely consist of talus fines rather than B-horizon soil, and may be reflecting copper concentrations in the bedrock. Sample MH 1700 700N returned a value of 950 ppm for lead.

Silt geochemistry for the Ram property confirms the results of the soil geochemistry. All but three samples would classify as first rank zinc anomalies (>218 ppm zinc) for the 1996 RGS release dataset. Of the three below this threshold, two are second rank (157-217 ppm zinc), and the other is a third rank (93-156 ppm zinc) anomaly. Every analysis for lead in silt from the property qualifies as a first rank anomaly (>25 ppm lead) for the complete RGS dataset, and only one copper analysis fails to qualify as a top rank copper anomaly (>99 ppm).

Twenty-nine rock samples from the Ram property were collected and analysed. Sample 316677 was taken from a narrow fault zone hosting a heavily oxidized sphalerite-galena. The fault cuts through a resistant knoll between lines 6+00 S and 8+00 S, approximately 200 metres east of the baseline. The knoll may be silicified basalt. This sample assayed 4.8% zinc and 3.62% lead, with 88.8 g/t silver. The trend of the fault extends to the southeast, intersecting the opposite side of the valley. The strike extension of this vein may be in part responsible for anomalous lead-zinc soil geochemistry at MH1700 800N. A small gossan is visible upslope of the line in that area. Another fault cutting the knoll, except

with a northwest trend, was sampled (316674). Analyses returned a value of 215 ppb gold, with low base metal values. Sample 2744 was taken from the northeast corner of the Ram 7 claim, from a very rusty horizon exposed in a cliff. Partially obscured by snow and talus, it had a true width of at least three metres. Due to accessibility problems, only lower portions could be sampled. Analysis returned values of 1240 ppm copper and 1.4 ppm silver.

9.0 DISCUSSION

The source of multi-station lead, zinc, silver and molybdenum values returned from silt sampling on the Major 1 property were not found during the course of the reconnaissance program. Rock sampling of altered or mineralized float did not explain the metal concentrations returned from silt sampling. Follow-up of the anomalies by silt and soil sampling, as well as prospecting, is recommended.

Owing to the extremely steep terrain on the MH 2 property, it is recommended that the property should be examined with a follow-up survey conducted later in the summer at a time when all snow and ice has melted, and access to the creeks is safer. The program should consist of soil and silt geochemistry carried out in conjunction with prospecting and mapping.

The 1997 program on the Ram property confirmed the anomalous lead and zinc soil geochemistry defined by Amoco in 1982. Prospecting in the lower elevations around the Amoco grid uncovered one sphalerite-galena vein that may be responsible for some of the anomalous soil geochemistry in the area. Numerous small gossans are apparent in the area, especially at the higher elevations. Assessment reports from the Amoco work do not indicate that prospecting, mapping, or sampling was conducted outside of the area of the grid. Soil geochemistry for lead and zinc indicate that background levels for the two are quite high, but large areas of very anomalous lead and zinc soil geochemistry exist.

A majority of the property remains untested and requires prospecting and sampling. Encouraging results from silt, soil, and rock sampling require a follow-up program of systematic prospecting and sampling be conducted on the Ram property. Numerous gossans existing in the higher elevations require follow-up sampling, as does the gossanous horizon tested by samples 2744 and 2745. Work conducted later in the summer (July or August) would allow an adequate survey of the higher elevations, as snow cover during the 1997 program proved frustrating. This is especially important in the areas east of lines 8+00 S, 9+00 S, and 10+00 S where soil geochemistry remains unexplained. In the same program, sampling and prospecting of the northern section of the property should be undertaken to investigate unexplored areas, as well as additional areas of anomalous soil geochemistry defined by Amoco in 1982.

Respectfully submitted,

Jason Weber, B.Sc.
EQUITY ENGINEERING LTD.

Jim Lehtinen, P. Geo.

Vancouver, British Columbia
October, 1997

APPENDIX A

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BIBLIOGRAPHY

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APPENDIX B

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES
MAJOR HART PROJECT - RAM PROPERTY
June 1997

*Pro-rated based on actual number of mandays spent on Ram Property.

PROFESSIONAL FEES AND WAGES			
*Henry J. Awmack, P. Eng.			
0.375 days @ $425/day	$ 21.73		
*Stewart Harris, Project Geologist			
1.5 days @ $425/day	86.93		
*Jason Weber, Geologist			
3.629 days @ $350/day	1,270.15		
*Dirk Moraal, Prospector			
3.272 days @ $300/day	981.60		
*Clerical			
32 hours @ $25/hour	109.09	$	2,469.51
EXPENSES			
*Accommodation	$ 84.50		
*Aircraft Charters	278.78		
*Automobile Fuel	65.05		
*Bulk Fuel	183.23		
*Camp Food	90.60		
*Camp Supplies	6.87		
*Chainsaw Rental	8.18		
Chemical Analyses	800.40		
*Courier	4.51		
*Fax Charges	0.12		
*Ferries	10.70		
*Helicopter Charters	1,333.75		
*Maps and Publications	62.96		
*Materials and Supplies	243.15		
*Meals	51.19		
*Parking	0.26		
*Printing and Reproductions	87.47		
*Radio Rental	69.06		
*Satellite Phone Rental	58.49		
*Telephone Distance Charges	12.19		
*Truck Rental	396.98	$	3,848.44
EQUIPMENT RENTALS			
Fly Camp			
6 mandays @ $25/manday	$ 150.00	$	150.00
REPORT			
Drafting	$ 500.00		
Printing and Reproductions	166.67		
Time	1,333.33	$	2,000.00

SUBTOTAL	$	8,467.95
PROJECT SUPERVISION CHARGE		
12% on sub-total ($8467.95)		1,016.15
SUBTOTAL		9,484.10
GST		
7.0 % on subtotal (including project supervision charges)		663.89
TOTAL	$	10,147.99

STATEMENT OF EXPENDITURES
MAJOR HART PROJECT - MAJOR 1 PROPERTY
June 1997

*Pro-rated based on actual number of mandays spent on Major 1 Property.

PROFESSIONAL FEES AND WAGES			
*Henry J. Awmack, P. Eng.			
0.375 days @ $425/day	$ 14.49		
*Stewart Harris, Project Geologist			
1.5 days @ $425/day	57.95		
*Jim Lehtinen, P. Geo.			
2.68 days @ $425/day	938.00		
*Rory Edwards, Sampler			
2.36 days @ $225/day	708.00		
*Clerical			
32 hours @ $25/hour	72.73	$	1,791.17
EXPENSES			
*Accommodation	$ 56.33		
*Aircraft Charters	185.85		
*Automobile Fuel	43.37		
*Bulk Fuel	122.15		
*Camp Food	60.40		
*Camp Supplies	4.58		
*Chainsaw Rental	5.45		
Chemical Analyses	275.36		
*Courier	3.00		
*Fax Charges	0.08		
*Ferries	7.14		
*Helicopter Charters	889.17		
*Maps and Publications	41.97		
*Materials and Supplies	162.10		
*Meals	34.13		
*Parking	0.17		
*Printing and Reproductions	58.31		
*Radio Rental	46.04		
*Satellite Phone Rental	38.99		
*Telephone Distance Charges	8.13		
*Truck Rental	264.65	$	2,307.39
EQUIPMENT RENTALS			
Fly Camp			
4 mandays @ $25/manday	$ 100.00	$	100.00
REPORT			
Drafting	$ 500.00		
Printing and Reproductions	166.67		
Time	1,333.33	$	2,000.00

SUBTOTAL	$	6,198.56
PROJECT SUPERVISION CHARGE		
12% on sub-total ($6198.56)		743.83
SUBTOTAL		6,942.39
GST		
7.0 % on subtotal (including project supervision charges)		485.97
TOTAL	$	7,428.36

STATEMENT OF EXPENDITURES
MAJOR HART PROJECT - MH 2 PROPERTY
June 1997

*Pro-rated based on actual number of mandays spent on the MH 2 Property

PROFESSIONAL FEES AND WAGES			
*Henry J. Awmack, P. Eng.			
0.375 days @ $425/day	$ 7.24		
*Stewart Harris, Project Geologist			
1.5 days @ $425/day	28.98		
*Jim Lehtinen, P. Geo			
1.34 days @ $425/day	569.50		
*Rory Edwards, Sampler			
1.18 days @ $225/day	265.50		
*Clerical			
32 hours @ $25/hour	36.36	$	907.59
EXPENSES			
*Accommodation	$ 28.17		
*Aircraft Charters	92.93		
*Automobile Fuel	21.68		
*Bulk Fuel	61.08		
*Camp Food	30.20		
*Camp Supplies	2.29		
*Chainsaw Rental	2.73		
Chemical Analyses	152.63		
*Courier	1.50		
*Fax Charges	0.04		
*Ferries	3.57		
*Helicopter Charters	444.58		
*Maps and Publications	20.99		
*Materials and Supplies	81.05		
*Meals	17.06		
*Parking	0.09		
*Printing and Reproductions	29.16		
*Radio Rental	23.02		
*Satellite Phone Rental	19.50		
*Telephone Distance Charges	4.06		
*Truck Rental	132.33	$	1,168.64
EQUIPMENT RENTALS			
Camp Rental			
2 days @ $25/day	50.00		
Handheld Radios			
1 days @ $5/day	5.00	$	55.00
REPORT (estimated)			
Drafting	$ 500.00		

Printing and Reproductions	166.67		
Time	1,333.33	$	2,000.00
SUBTOTAL		$	4,131.22
PROJECT SUPERVISION CHARGE			
12% on sub-total ($4,131.22)			495.75
SUBTOTAL			4,626.97
GST			
7.0 % on subtotal (including project supervision charges)			323.89
TOTAL		$	4,950.86

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	ferromolybdite	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/16

Sample Number:	Grid North:		Grid East:		Type: Select		Alteration:	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316621	UTM 6526610	N	UTM 530910	E	Strike Length Exp: 2	m	Metallics: trPY	<5	1.2	90	487
	Elevation 915	m	Sample Width: 15	cm	True Width: 15	cm	Secondaries: MC	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Major	Orientation 045°/90° X		Vein		Host : Black-grey shale			2	11	<2	106

Comments: Quartz sweat in shale. Irregular width 5-15cm. Minor malachite.

Sample Number:	Grid North:		Grid East:		Type: Grab		Alteration:	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316622	UTM 6527280	N	UTM 530730	E	Strike Length Exp:	m	Metallics:	<5	<.2	320	3
	Elevation 1170	m	Sample Width: 5	m	True Width:		Secondaries:	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Major	Orientation		Vein		Host : Silicified limestone			1	5	4	16

Comments: Stringer (tension gash?) zone in silicified limestone. Veining occupying 030/45 and approximately 145/30 direction. No sulphide, lots of rust.

Sample Number:	Grid North:		Grid East:		Type: Select		Alteration: wSI	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316623	UTM 6526910	N	UTM 531160	E	Strike Length Exp: 1	m	Metallics: trTT	<5	14.6	40	458
	Elevation 1015	m	Sample Width: 10	cm	True Width: 10	cm	Secondaries: wMA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Major	Orientation 060°/90° X				Host : Limestone			<1	3	1310	44

Comments: Stringer zone with patchy, rare tetrahedrite and malachite about 4m. 25% quartz over 1m in highest vein density. Zone width about 25m.

Rock Sample Descriptions

Project Name: Cry Lake Regional **Project:** HEG97-01 **NTS:** 104I/16

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: wCL,sMS	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316624	UTM 6525410	N	UTM 531530	E	Strike Length Exp: m	Metallics: trCP,trPO,trPY,1%SP	<5	29.8	330	24
	Elevation 870	m	Sample Width:		True Width:	Secondaries:	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
MH 2	Orientation				Host : Sericite altered volcanic		<1	4	2210	2320

Comments: Minor rusting +/- quartz veining in strongly altered volcanic; patchy sulphide within poorly defined, vein oriented bands.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: mCL,mMS	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316625	UTM 6525260	N	UTM 531650	E	Strike Length Exp: m	Metallics:	<5	<.2	10	105
	Elevation 910	m	Sample Width:		True Width:	Secondaries:	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
MH 2	Orientation				Host : Volcanic breccia		<1	59	6	80

Comments: Numerous float blocks with rusty surfaces. No visible sulphides. Crackle textured.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: mSI	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316626	UTM 6525310	N	UTM 531620	E	Strike Length Exp: 3 m	Metallics:	<5	0.2	120	<1
	Elevation 900	m	Sample Width: 20 cm		True Width: 20 cm	Secondaries:	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
MH 2	Orientation		Vein		Host : Limestone		<1	5	14	36

Comments: Quartz stockwork zone in limestone.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration:	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316627	UTM 6525310	N	UTM 531610	E	Strike Length Exp: m	Metallics: trPY	<5	<.2	390	8
	Elevation 900	m	Sample Width:		True Width:	Secondaries:	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
MH 2	Orientation				Host :		1	10	8	32

Comments: Sampled below first major falls - pyrite in quartz and in shale fragments.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration:	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316628	UTM 6525220	N	UTM 531920	E	Strike Length Exp: m	Metallics:	<5	1	130	172
	Elevation 940	m	Sample Width:		True Width:	Secondaries:	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
MH 2	Orientation				Host : Black shale		10	15	4	92

Comments: Float at base of falls. Quartz veining in black shale. No visible sulphides. No sample flags left in field.

Rock Sample Descriptions

Project Name: Cry Lake Regional **Project:** HEG97-01 **NTS:** 104I/16

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: mGL	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2730	UTM 6514770	N	UTM 529700	E	Strike Length Exp: 4 m	Metallics: 1-3%PY	<5	<.2	30	35
	Elevation 1670	m	Sample Width: 30	cm	True Width: 30 cm	Secondaries: mHE,wJA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 152°/35° SW		Joint		Host : Andesite tuff		1	31	20	46

Comments: Pyritic altered andesite tuff. Pyrite as stringers and blebs and as minor dissemination.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wCL,wQZ	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2731	UTM 6514830	N	UTM 529740	E	Strike Length Exp: 5 m	Metallics: trPY	<5	<.2	140	48
	Elevation 1685	m	Sample Width: 5	cm	True Width: 5 cm	Secondaries: mHE,wJA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 010°/40° SE		Joint		Host : Argillite		2	14	18	40

Comments: Rusty weathered black argillite cut by 2-7mm quartz veinlet with brown pyrite.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wCL	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2732	UTM 6514920	N	UTM 529830	E	Strike Length Exp: 5 m	Metallics: trPY	<5	<.2	430	147
	Elevation 1705	m	Sample Width: 20	cm	True Width: 20 cm	Secondaries: trHE,trJA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 115°/54° SW		Bedding		Host : Chert		1	15	12	62

Comments:

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wCL,?Sl	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2733	UTM 6515490	N	UTM 529885	E	Strike Length Exp: 40 m	Metallics: tr-0.3%PY	<5	<.2	30	64
	Elevation 1820	m	Sample Width: 15	cm	True Width:	Secondaries: wHE,trJA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation				Host : Andesite tuff		1	14	<2	28

Comments: Possibly on/near a small fault. Disseminated pyrite.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: wCL,wQZ	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2734	UTM 6515565	N	UTM 529910	E	Strike Length Exp: m	Metallics: 0.5%PY	<5	<.2	<10	107
	Elevation 1845	m	Sample Width: 5	cm	True Width:	Secondaries: wHE,wJA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation				Host : Tuff? (andesitic)		<1	13	<2	28

Comments: Very rusty rind to rock (float) but fresh inside, very fine disseminated pyrite, as well as pyrite in quartz vein/silica rich laminae.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: sSl	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2735	UTM 6515580	N	UTM 529940	E	Strike Length Exp: 40 m	Metallics:	<5	<.2	130	2
	Elevation 1845	m	Sample Width: 20	cm	True Width: 20 cm	Secondaries:	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation				Host : Chert & andesite tuff or flow		1	32	<2	14

Comments: Silicification due to thrust fault?

Rock Sample Descriptions

Project Name: Cry Lake Regional **Project:** HEG97-01 **NTS:** 104I/16

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: ?MS,sSI	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2736	UTM 6515660	N	UTM 529780	E	Strike Length Exp: <25 m	Metallics: tr-0.5%PY	<5	<.2	180	3
	Elevation 1910 m		Sample Width: 25 cm		True Width: 25 cm	Secondaries: sHE,mJA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 140°/64° SW		Bedding		Host : Chert,andesite+/-siltstone/tuf		<1	3	<2	<2

Comments: Patchy disseminated pyrite.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2737	UTM 6515535	N	UTM 529710	E	Strike Length Exp: 300 m	Metallics: trPY	<5	<.2	170	41
	Elevation 1900 m		Sample Width: 40 cm		True Width: 35 cm	Secondaries: wHE,wJA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 174°/60° SW		Bedding		Host : Argillite w/ min chert laminae		1	18	34	38

Comments: Cleavage 250/35 degrees (fault?).

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: ?CA,mCL,wQZ,?ZE	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2738	UTM 6514880	N	UTM 530355	E	Strike Length Exp: m	Metallics: ?PY	<5	<.2	80	15
	Elevation 1775 m		Sample Width: 10 cm		True Width:	Secondaries: wHE,trJA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation				Host : Tuff?		<1	8	16	44

Comments: Rusty weathering with soft white mineral (rotten calcite or zeolite) as veinlets and quartz veinlets. No visible pyrite or other sulphide. Chlorite altered?

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: ?CL,?EP	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2739	UTM 6515060	N	UTM 530700	E	Strike Length Exp: m	Metallics:	<5	<.2	420	45
	Elevation 1895 m		Sample Width: 5 cm		True Width:	Secondaries:	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation				Host : Porphyritic flow?		<1	36	<2	62

Comments: Plagioclase laths altered to bright green mineral - fairly soft. Chlorite or epidote?

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sQZ	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2740	UTM 6515105	N	UTM 530745	E	Strike Length Exp: m	Metallics:	<5	<.2	30	3
	Elevation 1935 m		Sample Width: 15 cm		True Width:	Secondaries: trHE	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation				Host : Quartz vein		2	11	<2	12

Comments: Quartz vein - Bull white with inclusions of host rock - andesite tuff.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: sCA,sCB,sDO?,wQZ	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2741	UTM 6515120	N	UTM 530865	E	Strike Length Exp: 3 m	Metallics:	<5	<.2	50	<1
	Elevation 1935 m		Sample Width: 30 cm		True Width: 30 cm	Secondaries:	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 120°/80° SW		Vein		Host : Volcanics (tuff?)		3	<1	8	<2

Comments: Fault cuts quartz vein. Botryoidal, calcite and either dolomite or iron carbonate.

Rock Sample Descriptions

Project Name: Cry Lake Regional **Project:** HEG97-01 **NTS:** 104I/16

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: wCL,wQZ	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2742	UTM 6515310	N	UTM 530270	E	Strike Length Exp: m	Metallics:	<5	<.2	330	16
	Elevation 1835	m	Sample Width: 5		True Width:	Secondaries: mGE,mHE,trJA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation				Host : Argillite?		<1	18	2	28

Comments: Black boulder with heavy iron oxide staining. Argillite? with quartz veinlets. No sulphide visible.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: wCL	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2743	UTM 6515620	N	UTM 531460	E	Strike Length Exp: m	Metallics: tr?CP,1.0%PY	<5	<.2	70	419
	Elevation 1720	m	Sample Width: 5		True Width:	Secondaries: wGE,sHE,trJA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation				Host : Diorite?		2	1	<2	36

Comments: Rusty boulder with about 1% disseminated pyrite, plagioclase? and hornblende. Chlorite altered diorite hornblende. Plagioclase with green cast to it. 10m north of 4222 (silt). Trace chalcopyrite (or weathering pyrite?).

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wQZ	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2744	UTM 6515120	N	UTM 531590	E	Strike Length Exp: >100 m	Metallics:	<5	1.4	30	1240
	Elevation 1990	m	Sample Width: 30		True Width:	Secondaries: wGE,sHE,wJA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation				Host : Argillite		5	50	<2	122

Comments: Very rusty outcrop on steep cliffs. Access difficult due to snow.

Sample Number:	Grid North:	N	Grid East:	E	Type:	Alteration: wQZ	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
2745	UTM 6515120	N	UTM 531590	E	Strike Length Exp: <100 m	Metallics:	<5	0.6	20	342
	Elevation 1990	m	Sample Width: 65 cm		True Width: 65 cm	Secondaries: wGE,sHE,sJA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation				Host : Argillite		5	21	<2	74

Comments: White and whitish-yellow coating built up on outcrop. Some looks frothy. Most heavily oxidized outcrop too high to reach.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316671	UTM 6514480	N	UTM 530130	E	Strike Length Exp: 2 m	Metallics: PY	<5	5.6	10	312
	Elevation 1700	m	Sample Width:		True Width:	Secondaries: JA,Limonite	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 020°/05° E		Joint		Host : Argillite		1	38	1010	368

Comments: At site of MH1700-800N.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: CL,mSI	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316672	UTM 6514770	N	UTM 629885	E	Strike Length Exp: 1 m	Metallics: 3%PY	<5	0.2	10	768
	Elevation 6675	ft	Sample Width: 50 cm		True Width:	Secondaries: mGE,mJA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 160°/90° X		Fault		Host : Altered intermediate rock		2	67	50	252

Comments: Silicified? pyritic rusty ??? in places indurated "andesite"?

Rock Sample Descriptions

Project Name: Cry Lake Regional **Project:** HEG97-01 **NTS:** 104I/16

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: Cl, serpentine	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316673	UTM 6514770	N	UTM 529885	E	Strike Length Exp: m	Metallics:	<5	<.2	60	24
	Elevation 6670	ft	Sample Width: 50	cm	True Width:	Secondaries:	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 160°/90° X		Fault		Host : Ultramafic		1	37	22	76

Comments: Same location as 316672. Not local - probably comes from south.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: mCL,trEP,mSI	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316674	UTM 6514670	N	UTM 529980	E	Strike Length Exp: 30 m	Metallics: trPO,2%PY	215	<.2	110	160
	Elevation		Sample Width:		True Width:	Secondaries:	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 160°/90° X		Fault		Host :		<1	59	10	38

Comments: Same fault as 316672? but 100m to southeast.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: SI	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316675	UTM 6514630	N	UTM 529860	E	Strike Length Exp: >30 m	Metallics: 1%PO,3%PY	15	<.2	50	118
	Elevation 6600	ft	Sample Width:		True Width:	Secondaries: mGE,mJA,mLimonite	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 020°/90° X		Fault		Host : (Intermediate)altered andesite		1	33	16	34

Comments: Pyrite, pyrrhotite on fractures, small blebs, small sheared 30m.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wCL,wCY,wSI	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316676	UTM 6514570	N	UTM 529930	E	Strike Length Exp: 10 m	Metallics:	10	0.2	60	48
	Elevation 5980	ft	Sample Width:		True Width:	Secondaries: JA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 010°/90° SE		Joint		Host : Alt'd grey siliceous andesite		1	14	82	46

Comments: Small sheared zone

Sample Number:	Grid North:	N	Grid East:	E	Type: Select	Alteration: QZ	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316677	UTM 6514605	N	UTM 529950	E	Strike Length Exp: 30 m	Metallics: 2%GL,2%PO,2%PY,SP	<5	88.8	10	650
	Elevation 6590	ft	Sample Width: 15	cm	True Width: 20 cm	Secondaries: wGE,sJA,trMN,sLimonite	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 030°/75° W		Joint		Host : Siliceous andesitic unit		3	18	3.62%	4.80%

Comments: From major fracture with a set of parallel fractures - other minor ones also have small amounts of metallics: boxwork, drusy quartz, calcite druse. Possible source of lead, zinc anomaly.

Sample Number:	Grid North:	N	Grid East:	E	Type: Chip	Alteration:	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316678	UTM 6514580	N	UTM 530010	E	Strike Length Exp: m	Metallics: PY	<5	1.8	40	724
	Elevation 6580	ft	Sample Width: 20	cm	True Width: 20 cm	Secondaries: HE,JA,MN	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 340°/90° X		Fault		Host : Siliceous andesitic unit		1	89	400	264

Comments: Same fault as 316672-316674

Rock Sample Descriptions

Project Name: Cry Lake Regional **Project:** HEG97-01 **NTS:** 104I/16

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: CL	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316679	UTM 6514475	N	UTM 531030	E	Strike Length Exp: m	Metallics:	<5	0.2	120	39
	Elevation 7500	ft	Sample Width:		True Width:	Secondaries:	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation				Host : Interbedded cherty shale		<1	30	92	120

Comments: Green chloritic intermediate intrusion?

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: QZ,SI	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316680	UTM 6515080	N	UTM 530460	E	Strike Length Exp: 1.0 m	Metallics:	65	1.6	570	90
	Elevation 7060	ft	Sample Width: 10 cm		True Width: 20 cm	Secondaries: JA	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 330°/64° W		Joint		Host : Black siliceous? shaly phyllit		1	13	108	84

Comments: Boxwork. Rusty zone high on a slope.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration:	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316681	UTM 6514870	N	UTM 530590	E	Strike Length Exp: 40 m	Metallics:	30	2.2	60	769
	Elevation		Sample Width: 24 cm		True Width:	Secondaries:	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 325°/65° W				Host :		3	48	84	480

Comments: From huge quartz vein - quartz in fractured, milky white, with occasional pyrite where it contacts wallrock - sample is from float below vein.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)
316682	UTM 6514845	N	UTM 530395	E	Strike Length Exp: m	Metallics:	<5	0.2	100	4
	Elevation 6780	ft	Sample Width: 30 cm		True Width: 30 cm	Secondaries:	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Ram	Orientation 245°/90° X		Vein		Host : ? Intermediate (andesite?)		<1	3	10	4

Comments: On south side of fault, 2 parallel lenses. Brown, quartz, siderite? barite? calcite vein.

APPENDIX D

CERTIFICATES OF ANALYSIS

SOIL, SILT, AND ROCK SAMPLES

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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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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Project : HEG97-01
Comments: ATTN: J. WEBER/J. LEHTINEN CC: J. ROBBINS/L. BARRY

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Invoice No. : I9732374
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9732374

SAMPLE	PREP CODE	Ag FA oz/T	Pb %	Zn %
316677	244 --	-----	3.62	4.80

CERTIFICATION:

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To: EQUITY ENGINEERING LTD.

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V6B 1N2

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

Page Number :2-A
Total Pages :3
Certificate Date: 12-JUL-97
Invoice No. : I9730654
P.O. Number :
Account : EIA

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
316621	205 226	< 5	1.2	0.07	116	90	< 0.5	< 2	2.09	3.5	1	207	487	0.43	< 10	< 1	0.01	< 10	0.02	90
316622	205 226	< 5	< 0.2	0.12	2	320	< 0.5	< 2	0.10	< 0.5	< 1	235	3	0.33	< 10	< 1	0.05	< 10	0.01	15
316623	205 226	< 5	14.6	0.01	58	40	< 0.5	2	9.90	1.5	1	102	458	0.14	< 10	< 1	< 0.01	< 10	4.81	90
316624	205 226	< 5	29.8	0.34	92	330	5.0	106	9.19	39.0	3	39	24	0.90	< 10	< 1	0.32	< 10	3.43	1400
316625	205 226	< 5	< 0.2	4.38	< 2	10	< 0.5	< 2	2.57	< 0.5	28	184	105	5.10	10	< 1	0.01	< 10	2.59	660
316626	205 226	< 5	0.2	0.12	< 2	120	< 0.5	8	>15.00	< 0.5	< 1	< 1	< 1	0.10	< 10	< 1	0.01	< 10	8.48	260
316627	205 226	< 5	< 0.2	0.32	18	390	< 0.5	< 2	0.56	< 0.5	2	167	8	0.48	< 10	< 1	0.05	< 10	0.51	245
316628	205 226	< 5	1.0	0.15	48	130	< 0.5	< 2	0.36	1.0	1	274	172	0.59	< 10	1	0.10	< 10	0.14	30

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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
316621	205 226	2	< 0.01	11	140	< 2	6	< 1	79	< 0.01	< 10	< 10	90	< 10	106
316622	205 226	1	< 0.01	5	10	4	< 2	< 1	4	< 0.01	< 10	< 10	3	< 10	16
316623	205 226	< 1	< 0.01	3	10	1310	328	< 1	143	< 0.01	< 10	< 10	4	< 10	44
316624	205 226	< 1	0.01	4	< 10	2210	< 2	< 1	91	< 0.01	< 10	< 10	7	< 10	2320
316625	205 226	< 1	< 0.01	59	320	6	< 2	11	14	0.40	< 10	< 10	146	< 10	80
316626	205 226	< 1	< 0.01	5	< 10	14	< 2	< 1	231	< 0.01	< 10	< 10	5	10	36
316627	205 226	1	< 0.01	10	80	8	< 2	< 1	24	< 0.01	< 10	< 10	6	< 10	32
316628	205 226	10	< 0.01	15	80	4	20	< 1	13	< 0.01	< 10	< 10	21	< 10	92

CERTIFICATION: Stuart Buchler

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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
316675	205	226	15	< 0.2	4.02	32	50	< 0.5	< 2	1.96	< 0.5	18	44	118	3.25	< 10	< 1	0.04	< 10	0.64	155
316676	205	226	10	0.2	2.67	48	60	< 0.5	< 2	1.60	< 0.5	4	155	48	6.90	< 10	< 1	0.16	< 10	0.66	195
316677	205	226	< 5	88.8	2.08	32	10	< 0.5	166	5.48	>100.0	59	93	650	8.93	< 10	< 1	< 0.01	< 10	0.88	5770
316678	205	226	< 5	1.8	1.91	6	40	< 0.5	12	0.32	2.0	72	150	724	12.20	10	< 1	0.14	< 10	0.94	875
316679	205	226	< 5	0.2	3.72	14	120	< 0.5	< 2	2.09	0.5	22	23	39	4.61	< 10	< 1	0.03	< 10	1.70	845
316680	205	226	65	1.6	0.75	1150	570	< 0.5	2	0.04	< 0.5	5	227	90	3.47	< 10	< 1	0.13	< 10	0.16	315
316681	205	226	30	2.2	0.26	158	60	< 0.5	< 2	0.09	2.0	7	217	769	2.35	< 10	< 1	0.01	< 10	0.11	395
316682	205	226	< 5	0.2	0.05	< 2	100	< 0.5	6	>15.00	< 0.5	2	11	4	1.30	< 10	< 1	< 0.01	< 10	5.39	>10000

CERTIFICATION: Stewart Buchholz

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

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
316675	205	226	1	0.43	33	420	16	< 2	3	82	0.07	< 10	< 10	56	< 10	34
316676	205	226	1	0.16	14	220	82	< 2	4	42	0.12	< 10	< 10	70	< 10	46
316677	205	226	3	< 0.01	18	< 10	>10000	< 2	6	31	< 0.01	< 10	< 10	81	< 10	>10000
316678	205	226	1	0.03	89	340	400	< 2	12	7	0.30	< 10	< 10	152	< 10	264
316679	205	226	< 1	< 0.01	30	410	92	< 2	3	6	0.27	< 10	< 10	92	< 10	120
316680	205	226	1	< 0.01	13	110	108	12	1	4	0.05	< 10	< 10	31	< 10	84
316681	205	226	3	< 0.01	48	60	84	22	1	3	< 0.01	< 10	< 10	10	< 10	480
316682	205	226	< 1	< 0.01	3	< 10	10	< 2	< 1	421	< 0.01	< 10	< 10	2	< 10	4

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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
2730	205	226	< 5	< 0.2	2.84	6	30	< 0.5	2	1.33	< 0.5	14	94	35	3.25	< 10	< 1	0.10	< 10	0.93	295
2731	205	226	< 5	< 0.2	3.52	14	140	0.5	< 2	1.95	< 0.5	7	101	48	1.66	< 10	< 1	0.58	< 10	0.89	210
2732	205	226	< 5	< 0.2	3.59	2	430	< 0.5	< 2	1.20	< 0.5	13	59	147	4.00	10	< 1	0.96	< 10	1.43	510
2733	205	226	< 5	< 0.2	3.65	< 2	30	< 0.5	< 2	2.11	< 0.5	12	22	64	1.98	< 10	< 1	0.03	< 10	0.49	290
2734	205	226	< 5	< 0.2	3.69	6	< 10	< 0.5	2	1.84	< 0.5	32	21	107	4.92	< 10	< 1	< 0.01	< 10	2.36	460
2735	205	226	< 5	< 0.2	1.40	< 2	130	< 0.5	< 2	0.45	< 0.5	9	101	2	1.40	< 10	< 1	0.18	< 10	1.06	370
2736	205	226	< 5	< 0.2	0.44	8	180	< 0.5	< 2	0.05	< 0.5	1	60	3	1.40	< 10	< 1	0.22	< 10	0.14	45
2737	205	226	< 5	< 0.2	2.72	64	170	0.5	< 2	0.34	< 0.5	5	83	41	3.41	< 10	< 1	0.57	10	0.76	275
2738	205	226	< 5	< 0.2	3.07	< 2	80	< 0.5	< 2	2.22	< 0.5	6	67	15	0.91	< 10	< 1	0.05	< 10	0.21	265
2739	205	226	< 5	< 0.2	3.46	2	420	< 0.5	< 2	1.96	< 0.5	21	67	45	4.65	< 10	1	0.01	< 10	1.56	595
2740	205	226	< 5	< 0.2	0.50	14	30	< 0.5	< 2	0.03	< 0.5	4	267	3	1.18	< 10	< 1	0.03	< 10	0.44	170
2741	205	226	< 5	< 0.2	0.07	< 2	50	< 0.5	< 2	>15.00	< 0.5	< 1	3	< 1	1.11	< 10	< 1	< 0.01	< 10	1.98	785
2742	205	226	< 5	< 0.2	0.33	64	330	< 0.5	< 2	0.33	< 0.5	3	270	16	2.04	< 10	< 1	0.10	< 10	0.10	510
2743	205	226	< 5	< 0.2	2.16	< 2	70	< 0.5	< 2	1.03	< 0.5	53	6	419	7.19	< 10	< 1	< 0.01	< 10	1.30	850
2744	205	226	< 5	1.4	2.54	< 2	30	< 0.5	< 2	2.08	< 0.5	7	191	1240	6.66	< 10	< 1	< 0.01	10	2.23	2260
2745	205	226	< 5	0.6	1.97	24	20	< 0.5	< 2	1.80	< 0.5	5	133	342	8.53	< 10	< 1	< 0.01	< 10	1.73	1540
2746	205	226	< 5	0.4	2.06	16	120	< 0.5	< 2	1.18	< 0.5	8	212	404	6.44	10	< 1	< 0.01	10	1.86	1665

CERTIFICATION: Jan. K Buchlen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: EQUITY ENGINEERING LTD.

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

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

Page Number :1-B
Total Pages :3
Certificate Date: 12-JUL-97
Invoice No. :I9730654
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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
2730	205 226	1	0.31	31	570	20	< 2	4	34	0.24	< 10	< 10	75	< 10	46
2731	205 226	2	0.39	14	510	18	< 2	7	85	0.04	< 10	< 10	77	< 10	40
2732	205 226	1	0.32	15	600	12	< 2	9	90	0.14	< 10	< 10	110	< 10	62
2733	205 226	1	0.48	14	450	< 2	< 2	4	105	0.16	< 10	< 10	40	< 10	28
2734	205 226	< 1	0.03	13	< 10	< 2	< 2	5	12	0.21	< 10	< 10	187	< 10	28
2735	205 226	1	0.05	32	180	< 2	< 2	5	10	0.19	< 10	< 10	55	< 10	14
2736	205 226	< 1	< 0.01	3	100	< 2	< 2	1	1	0.08	< 10	< 10	13	< 10	< 2
2737	205 226	1	0.05	18	600	34	< 2	5	28	0.06	< 10	< 10	44	< 10	38
2738	205 226	< 1	0.20	8	160	16	< 2	1	39	0.15	< 10	< 10	25	< 10	44
2739	205 226	< 1	< 0.01	36	450	< 2	< 2	4	12	0.31	< 10	< 10	155	< 10	62
2740	205 226	2	< 0.01	11	40	< 2	< 2	1	< 1	< 0.01	< 10	< 10	19	< 10	12
2741	205 226	3	< 0.01	< 1	20	8	< 2	< 1	593	< 0.01	< 10	< 10	6	< 10	< 2
2742	205 226	< 1	< 0.01	18	320	2	< 2	3	23	< 0.01	< 10	< 10	30	< 10	28
2743	205 226	2	0.01	1	630	< 2	< 2	2	12	0.26	< 10	< 10	136	< 10	36
2744	205 226	5	< 0.01	50	1530	< 2	< 2	3	25	0.03	< 10	< 10	80	< 10	122
2745	205 226	5	< 0.01	21	1700	< 2	< 2	2	24	0.06	< 10	< 10	61	< 10	74
2746	205 226	8	< 0.01	25	3300	< 2	< 2	3	21	0.03	< 10	< 10	63	< 10	66

CERTIFICATION: John H. Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

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

Page Number :2-A
Total Pages :3
Certificate Date: 12-JUL-97
Invoice No. :19730654
P.O. Number :
Account :EIA

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
316671	205	226	< 5	5.6	3.16	6	10	< 0.5	8	0.17	3.0	17	118	312	8.21	10	< 1	0.04	< 10	1.39	5680
316672	205	226	< 5	0.2	2.68	16	10	< 0.5	2	0.56	< 0.5	32	122	768	5.90	10	< 1	0.09	< 10	1.46	255
316673	205	226	< 5	< 0.2	6.09	< 2	60	< 0.5	< 2	5.05	< 0.5	15	53	24	2.54	< 10	< 1	0.12	< 10	1.24	1200
316674	205	226	215	< 0.2	2.97	< 2	110	< 0.5	< 2	1.73	< 0.5	24	91	160	3.74	< 10	< 1	0.12	< 10	1.18	345

CERTIFICATION:

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

Page Number :2-B
Total Pages :3
Certificate Date: 12-JUL-97
Invoice No. :I9730654
P.O. Number :
Account :EIA

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
316671	205 226	1	0.03	38	170	1010	< 2	10	9	0.03	< 10	< 10	107	< 10	368
316672	205 226	2	0.12	67	220	50	< 2	7	25	0.08	< 10	< 10	96	< 10	252
316673	205 226	1	0.30	37	< 10	22	< 2	4	139	0.01	< 10	< 10	61	< 10	76
316674	205 226	< 1	0.28	59	400	10	< 2	7	45	0.18	< 10	< 10	78	< 10	38

CERTIFICATION: Stuart Buchler

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To: 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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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

Certificate Date: 10-JUL-97
Invoice No. : I9730699
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9730699

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
HR 0.0M	201	202	< 5	0.8	0.95	60	430	0.5	< 2	0.51	4.0	14	27	38	2.98	< 10	< 1	0.10	10	0.32	425
HR 0100M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
HR 0200M	201	202	< 5	0.6	0.54	106	530	< 0.5	< 2	1.95	7.5	12	19	47	2.16	< 10	< 1	0.06	< 10	0.64	510
HR 0300M	201	202	< 5	1.0	0.48	94	640	< 0.5	< 2	6.32	6.0	11	13	42	1.83	< 10	< 1	0.07	< 10	1.48	485
HR 0400M	201	202	< 5	0.8	0.53	88	640	< 0.5	< 2	4.48	6.5	9	14	33	1.75	< 10	< 1	0.08	< 10	1.38	470
HR 0500M	201	202	< 5	2.8	0.56	40	610	< 0.5	< 2	7.82	3.0	8	18	27	1.60	< 10	< 1	0.06	10	2.70	350
HR 0600M	201	202	15	1.4	0.75	144	740	< 0.5	< 2	1.79	6.0	13	19	58	2.51	< 10	< 1	0.09	10	0.56	590

CERTIFICATION: Stewart Buchler

Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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VANCOUVER, BC
V6B 1N2

Project : HEG97-01
Comments: ATTN: J. WEBER/J. LEHTINEN C

CERTIFICATE OF ANALY

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
HR 0.0M	201 202	20	< 0.01	136	1170	16	6	4	28	0.02	< 10	< 10	58	< 10
HR 0100M	-- --	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
HR 0200M	201 202	11	< 0.01	101	1110	12	4	2	51	< 0.01	< 10	< 10	23	< 10
HR 0300M	201 202	10	< 0.01	93	780	12	6	1	80	< 0.01	< 10	< 10	20	< 10
HR 0400M	201 202	9	< 0.01	59	1120	12	4	2	68	0.01	< 10	< 10	22	< 10
HR 0500M	201 202	13	0.01	67	1010	12	8	3	109	0.01	< 10	< 10	41	< 10
HR 0600M	201 202	9	< 0.01	126	960	14	6	3	47	0.01	< 10	< 10	29	< 10

CERTIFIC

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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 :2-A
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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
004191M	201	202	< 5	< 0.2	2.66	10	160	0.5	< 2	0.32	< 0.5	16	103	42	2.92	< 10	< 1	0.07	10	1.21	435
004192M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
004193M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
004201M	201	202	< 5	< 0.2	1.82	26	120	0.5	< 2	0.60	< 0.5	21	46	53	4.36	< 10	1	0.10	10	1.84	620
004202M	201	202	< 5	0.2	2.02	22	110	0.5	< 2	0.72	0.5	21	37	141	4.71	< 10	< 1	0.07	30	1.22	830
004203M	201	202	< 5	< 0.2	1.82	14	80	< 0.5	2	0.73	< 0.5	31	530	53	3.43	< 10	< 1	0.08	< 10	4.52	575
004204M	201	202	< 5	0.2	2.30	14	120	0.5	< 2	1.28	0.5	26	403	49	3.50	< 10	1	0.07	10	3.19	930
004205M	201	202	< 5	0.4	2.19	34	80	0.5	< 2	1.03	< 0.5	29	479	224	3.97	< 10	< 1	0.06	30	4.66	835
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
004208M	201	202	< 5	0.8	0.65	4	620	< 0.5	< 2	0.86	5.5	5	14	34	1.86	< 10	< 1	0.07	10	0.25	635
004209M	201	202	< 5	0.6	0.52	14	850	< 0.5	< 2	1.14	4.0	6	11	34	1.87	< 10	< 1	0.10	< 10	0.21	350
004210M	201	202	< 5	1.0	0.48	16	830	< 0.5	< 2	1.42	10.5	5	13	41	1.65	< 10	< 1	0.10	< 10	0.23	950
004211M	201	202	< 5	0.2	0.57	< 2	730	< 0.5	< 2	5.01	14.0	8	9	22	1.54	< 10	< 1	0.06	< 10	1.02	1140
004212M	201	202	< 5	0.2	0.27	< 2	610	< 0.5	< 2	>15.00	4.5	1	4	17	0.72	< 10	< 1	0.05	< 10	0.51	100
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
004221M	201	202	< 5	0.2	2.80	30	330	0.5	< 2	0.55	0.5	24	86	121	3.60	< 10	< 1	0.10	10	1.39	680
004222M	201	202	< 5	0.2	2.27	34	280	< 0.5	< 2	0.55	0.5	28	72	157	4.57	< 10	< 1	0.05	20	1.24	2080
004223M	201	202	< 5	0.6	3.23	42	220	0.5	< 2	0.91	1.0	34	92	228	5.68	< 10	< 1	0.06	10	1.75	1275

CERTIFICATION: Stuart Buchler

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

Page Number :2-B
Total Pages :4
Certificate Date: 13-JUL-97
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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
004191M	201	202	2	< 0.01	92	500	28	< 2	5	21	0.12	< 10	< 10	59	< 10	110
004192M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
004193M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
004201M	201	202	1	0.01	106	890	6	< 2	5	89	0.17	< 10	< 10	43	< 10	86
004202M	201	202	1	< 0.01	81	690	10	< 2	5	89	0.22	< 10	< 10	47	< 10	140
004203M	201	202	< 1	< 0.01	450	820	2	< 2	5	84	0.11	< 10	< 10	45	< 10	78
004204M	201	202	< 1	< 0.01	534	950	2	< 2	5	176	0.10	< 10	< 10	40	< 10	162
004205M	201	202	< 1	< 0.01	571	640	6	< 2	7	134	0.11	< 10	< 10	46	< 10	164
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
004208M	201	202	6	< 0.01	33	860	22	< 2	2	46	< 0.01	< 10	< 10	43	< 10	330
004209M	201	202	7	< 0.01	35	920	18	< 2	2	61	< 0.01	< 10	< 10	40	< 10	304
004210M	201	202	7	< 0.01	63	1360	18	< 2	1	113	< 0.01	< 10	< 10	67	< 10	616
004211M	201	202	6	< 0.01	131	1100	22	< 2	1	106	< 0.01	< 10	< 10	19	< 10	1410
004212M	201	202	3	< 0.01	21	430	10	< 2	1	165	< 0.01	< 10	< 10	6	< 10	332
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
004221M	201	202	1	< 0.01	93	800	62	< 2	7	39	0.14	< 10	< 10	73	< 10	196
004222M	201	202	5	< 0.01	89	900	34	< 2	6	19	0.09	< 10	< 10	70	< 10	198
004223M	201	202	2	< 0.01	88	1020	90	< 2	12	22	0.12	< 10	< 10	107	< 10	304

CERTIFICATION: Ian Buchan

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: EQUITY ENGINEERING LTD.

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

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

Page Number :3-A
Total Pages :4
Certificate Date: 13-JUL-97
Invoice No. :19730669
P.O. Number :
Account :EIA

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
004734M	201	202	< 5	0.4	0.45	70	440	< 0.5	< 2	5.66	11.0	8	13	38	1.60	< 10	< 1	0.06	< 10	1.57	305
004735M	201	202	< 5	0.4	0.49	38	640	< 0.5	< 2	5.19	6.0	7	17	28	1.59	< 10	< 1	0.06	10	1.83	295
004736M	201	202	< 5	0.4	0.46	84	590	< 0.5	< 2	5.35	8.5	9	13	36	1.68	< 10	< 1	0.06	10	1.44	310
004737M	201	202	< 5	0.2	0.35	66	780	< 0.5	< 2	7.66	6.0	7	9	25	1.42	< 10	< 1	0.05	< 10	2.06	295
004738M	201	202	< 5	0.4	0.39	90	500	< 0.5	< 2	4.77	8.0	8	11	31	1.57	< 10	< 1	0.05	< 10	1.13	390
004739M	201	202	< 5	1.0	0.42	72	450	< 0.5	< 2	0.57	2.0	17	10	69	2.19	< 10	< 1	0.09	< 10	0.27	515
004740M	201	202	< 5	1.2	0.59	90	570	< 0.5	< 2	0.65	3.0	27	13	99	2.58	< 10	< 1	0.11	< 10	0.29	805

CERTIFICATION: Ian Bradley

Chemex Labs Ltd.

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Page Number :3-B
Total Pages :4
Certificate Date: 13-JUL-97
Invoice No. :19730669
P.O. Number :
Account :EIA

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
004734M	201 202	19	< 0.01	125	780	12	4	1	97	0.01	< 10	< 10	33	< 10	846
004735M	201 202	14	< 0.01	70	800	12	2	1	94	0.03	< 10	< 10	40	< 10	448
004736M	201 202	17	< 0.01	107	680	12	6	1	89	0.01	< 10	< 10	32	< 10	676
004737M	201 202	15	< 0.01	60	520	12	2	1	96	< 0.01	< 10	< 10	27	< 10	352
004738M	201 202	20	< 0.01	78	620	12	4	1	78	< 0.01	< 10	< 10	26	< 10	388
004739M	201 202	12	< 0.01	99	390	26	< 2	1	49	< 0.01	< 10	< 10	12	< 10	268
004740M	201 202	14	< 0.01	130	500	30	2	1	64	< 0.01	< 10	< 10	15	< 10	430

CERTIFICATION: John M. Buchan

Chemex Labs Ltd.

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

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
004184M	201 202	< 5	0.2	2.81	28	280	0.5	< 2	0.63	1.5	29	89	115	3.98	< 10	< 1	0.11	10	1.47	1125
004185M	201 202	< 5	0.2	3.47	18	380	0.5	< 2	0.45	1.0	29	151	152	4.35	< 10	< 1	0.09	10	1.87	1520
004186M	201 202	< 5	0.2	3.70	14	430	0.5	< 2	0.47	1.0	37	277	103	4.09	< 10	< 1	0.10	10	2.55	1110
004187M	201 202	< 5	0.2	3.02	22	380	0.5	< 2	0.71	1.5	32	123	107	3.96	< 10	< 1	0.13	10	1.81	1075
004188M	201 202	< 5	0.6	3.47	60	400	0.5	< 2	0.69	0.5	31	95	211	4.98	< 10	< 1	0.10	30	1.51	1690
004189M	201 202	< 5	0.4	2.97	32	390	0.5	< 2	0.57	0.5	28	74	235	4.89	< 10	< 1	0.07	30	1.42	1485
004190M	201 202	< 5	0.6	2.74	56	330	0.5	< 2	0.59	1.5	43	71	282	5.45	< 10	1	0.10	30	1.22	3020

CERTIFICATION: J. Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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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
004184M	201 202	1	0.01	86	840	144	< 2	7	30	0.12	< 10	< 10	75	< 10	312
004185M	201 202	1	< 0.01	144	740	222	< 2	7	25	0.12	< 10	< 10	83	< 10	324
004186M	201 202	< 1	0.01	352	710	118	< 2	7	24	0.12	< 10	< 10	76	< 10	268
004187M	201 202	1	0.02	127	770	62	< 2	7	67	0.13	< 10	< 10	80	< 10	234
004188M	201 202	3	< 0.01	111	1030	110	< 2	10	28	0.11	< 10	< 10	93	< 10	300
004189M	201 202	2	< 0.01	91	850	144	< 2	10	20	0.09	< 10	< 10	90	< 10	328
004190M	201 202	3	< 0.01	129	1190	138	< 2	10	23	0.11	< 10	< 10	75	< 10	360

CERTIFICATION:

Chemex Labs Ltd.

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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
N108223	201	202	< 5	0.8	0.42	26	770	< 0.5	< 2	5.10	7.5	6	12	31	1.64	< 10	< 1	0.07	10	1.22	310
N108224	201	202	< 5	1.0	0.48	28	670	< 0.5	< 2	5.59	10.0	8	14	42	1.86	< 10	< 1	0.09	10	1.44	350
N108225	201	202	< 5	1.0	0.50	24	650	< 0.5	< 2	4.86	12.5	7	15	34	1.64	< 10	< 1	0.09	10	1.29	300
N108226	201	202	< 5	0.2	0.32	24	680	< 0.5	< 2	7.26	9.0	7	11	33	1.73	< 10	2	0.10	< 10	2.31	350
N108227	201	202	< 5	0.4	0.51	38	610	< 0.5	< 2	5.29	9.5	8	15	37	2.02	< 10	< 1	0.09	10	1.72	310
N108228	201	202	< 5	0.6	0.51	36	410	0.5	< 2	5.19	8.5	9	18	29	1.89	< 10	< 1	0.07	< 10	1.46	335
N108229	201	202	< 5	0.8	0.62	44	360	< 0.5	< 2	1.75	7.0	25	18	85	2.57	< 10	< 1	0.08	< 10	0.61	560
N108230	201	202	< 5	0.8	0.67	48	450	< 0.5	< 2	1.73	8.0	27	19	99	2.58	< 10	< 1	0.09	< 10	0.62	635
CL1660-900M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd

CERTIFICATION: Stan Buchler

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 :4-B
Total Pages :4
Certificate Date: 13-JUL-97
Invoice No. :I9730669
P.O. Number :
Account :EIA

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
N108223	201	202	11	< 0.01	86	1010	8	2	2	124	0.02	< 10	< 10	34	< 10	526
N108224	201	202	13	< 0.01	118	1140	10	2	2	136	0.01	< 10	< 10	42	< 10	642
N108225	201	202	10	< 0.01	100	1060	10	2	2	112	0.03	< 10	< 10	41	< 10	658
N108226	201	202	15	< 0.01	80	1000	10	< 2	2	192	< 0.01	< 10	< 10	44	< 10	516
N108227	201	202	13	< 0.01	114	1030	8	2	3	169	0.02	< 10	< 10	43	< 10	646
N108228	201	202	14	< 0.01	102	1150	8	6	3	146	0.02	< 10	< 10	32	< 10	560
N108229	201	202	26	< 0.01	149	980	10	4	2	66	< 0.01	< 10	< 10	23	< 10	580
N108230	201	202	25	< 0.01	169	1010	12	6	2	67	< 0.01	< 10	< 10	28	< 10	650
CL1660-900M	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd

CERTIFICATION: Stuart Buchler

APPENDIX D

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 E

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 during 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.

GEOLOGIST'S CERTIFICATE

I, Jim Lehtinen, of 4317 Briardale Road, Royston in the Province of British Columbia, DO HEREBY CERTIFY:

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

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

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

4. THAT this report is based in part on property work I personally completed and/or directly supervised in June, 1997, and on publicly available reports.

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

_____

Jim Lehtinen, P.Geo.

128°27' W

58°52' N

6528 000 mN UTM

6524 000 mN UTM

530 000 mE UTM

534 000 mE UTM

MAJOR

MAJOR 1 PROPERTY

MH 2 PROPERTY

DPs

DPss

Pch

F

DME

DM

DR

COS

Qs

UGLY CK

BLACK CK

ANSON CK

COTTONWOOD CK

LINE HR

Silicified Limestone

Limestone

Tetrahedrite

Grey Shale

L.S/SH

4734 4735 4736 4737 4738 4739 4740 4735

316622 316623 316624 316625 316626 316627 316628

108226 108227 108225 108223 108224 108230 108229

QZ

QZ, SP, CP, PO, PY

Limestone

808

2065

DPsv

DPss

C

25,167

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

LEGEND

MAP SYMBOLS

- Geological contact (defined, approximate, assumed)
- Fault (defined, approximate, assumed, solid circle on downthrown side)
- Thrust Fault (defined, approximate, assumed; teeth on upthrust side)
- Outcrop
- Float boulders / Subcrop
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Anticline (defined, approximate, overturned)
- Syncline (defined, approximate, overturned)
- 1997 Rock Sample (float, grab, 1996 sample)
- Silt Sample (1997, 1996 RGS)
- Soil Sample (line, grab)
- Claim Posts

MINERALIZATION

BI - biotite	CB - carbonate	CL - chlorite
CP - chalcopyrite	GE - goethite	GL - galena
JA - jarosite	KA - kaolinite	MN - Mn-oxides
PY - pyrite	QZ - quartz	SL - sphalerite
tr - trace	m - moderate	s - strong

MODIFIERS

BX - breccia	cal - calcareous	QV - quartz vein
Si - silicified	br - brown	gy - grey

DESCRIPTIVE LITHOLOGIES (Outcrop Codes)

arg - argillite	gwke - greywacke	slts - siltstone
phyl - phyllite	lut - lutt	gran - granite
ls - limestone		

REGIONAL GEOLOGY

From Gabrielse, 1994

SLIDE MOUNTAIN TERRANE

DEVONIAN TO TRIASSIC
UPPER DEVONIAN(?) TO UPPER TRIASSIC
SYLVESTER COMPLEX (DPs, DPss, DPsg, DPsp, DPsv, DPsv, DPpgd, DPsd, DPsga, DPsa, DPsa, DPsl, DPsr, PNv, Pwc, Pl, PPc, Pc, Pch, Mv, Ms, DMch)

- DPs — Undivided sedimentary and mafic volcanic rocks, may include minor diorite and gabbro
- DPss — Dominantly chert, argillite, slate, chert and quartz arenite, feldspathic arenite
- DPsv — Dominantly tholeiitic basalt, locally pillowed, fine grained

PENNSYLVANIAN
MOSCOVIAN

- Pc — Limestone, cherty; includes thin (i-2 m), green chert members
- Pch — Chert, orange and green

ANCESTRAL NORTH AMERICA

DEVONIAN AND MISSISSIPPIAN
UPPER DEVONIAN TO MISSISSIPPIAN (FRASNIAN TO VISEAN)

- DME — EARN GROUP: shale, black, grey and blue grey, locally pyritic; argillite; light green, tuffaceous (?) shale; porcellanite

MIDDLE TO UPPER DEVONIAN (GIVETIAN TO FRASNIAN)

- DM — McDAME FORMATION: upper member, limestone, platy, light grey; local karst breccia; lower member, dolostone, dark grey, felid; limestone; carbonate breccia; DMm, dark grey, felid, dolomitic limestone and marble

LOWER DEVONIAN (?)

- DR — RAMHORN FORMATION: upper member, laminated dolostone; lower member, dolomitic sandstone, sandy dolostone, dolostone and sandstone, commonly crossbedded

CAMBRIAN AND ORDOVICIAN
UPPER CAMBRIAN TO LOWER ORDOVICIAN

- COK — KECHIKA GROUP: argillaceous limestone, calcareous shale, limestone, shale; COkc, wavy banded, silty limestone; COS, undivided KECHIKA GROUP and ROAD RIVER FORMATION; COSv, greenstone, age uncertain

Rock Sample Analyses

Sample Number	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
316621	<5	1.2	90	487	2	11	<2	106
316622	<5	<.2	320	3	<1	5	4	16
316623	<5	14.6	40	458	<1	3	1310	44
316624	<5	29.8	330	24	<1	4	2210	2320
316625	<5	<.2	10	105	<1	59	8	80
316626	<5	0.2	120	<1	<1	5	14	36
316627	<5	<.2	390	8	1	10	8	32
316628	<5	1	130	172	10	15	4	92

Silt Sample Analyses

Sample Number	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
4734	<5	0.4	440	38	19	125	12	846
4735	<5	0.4	640	28	14	70	12	446
4736	<5	0.4	590	36	17	107	12	676
4737	<5	0.2	780	25	15	60	12	352
4738	<5	0.4	500	31	20	78	12	388
4739	<5	1	450	69	12	99	26	768
4740	<5	1.2	570	99	14	130	30	432
108223	<5	0.8	770	31	11	86	8	526
108224	<5	1.0	670	42	13	118	10	642
108225	<5	1.0	650	34	10	100	10	656
108226	<5	0.2	680	33	15	80	10	516
108227	<5	0.4	610	37	13	114	8	646
108228	<5	0.6	410	29	14	102	8	550
108229	<5	0.8	360	85	26	149	10	580
108230	<5	0.8	450	99	25	169	12	650

Soil Sample Analyses

Sample Number	Au (ppb)	Ag (ppm)	Ba (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
HR 0.0M	<5	0.8	430	38	20	136	16	846
HR 0200M	<5	0.6	530	47	11	101	12	492
HR 0300M	<5	1	640	42	10	93	12	460
HR 0400M	<5	0.8	640	33	9	59	12	408
HR 0500M	<5	2.8	610	27	13	67	12	336
HR 0600M	15	1.4	740	58	9	126	14	620

METRES
0 100 200 400 600 800 1000

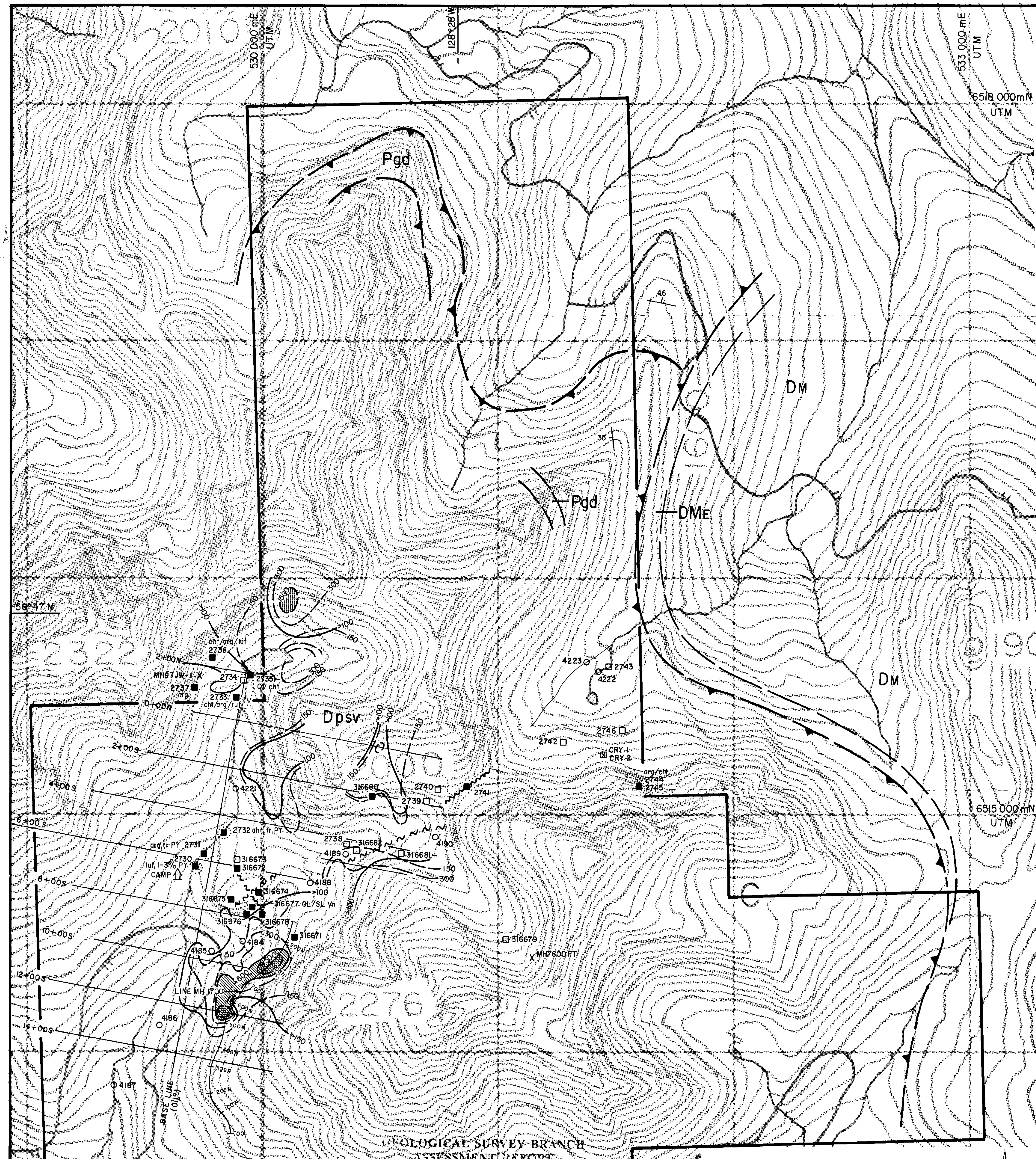
NTS 104I/16

HUNTER EXPLORATION GROUP

MAJOR HART PROJECT
GEOLOGY & GEOCHEMISTRY
MAJOR 1 & MH 2 PROPERTIES

EQUITY

Date SEPT. 1997	Scale 1:10,000	FIGURE
U.T.M. Zone 9	Mining District LIARD	4
Projection NAD-27	State/Province B.C.	



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,167 (2)

EXPLANATION

- >100 ppm Pb in Soils
- >500 ppm Pb in Soils
- 150 ppm Zn in Soils
- 300 ppm Zn in Soils
- 1500 ppm Zn in Soils

0 100 200 400 600 800
METRES

Soil Sample Analyses									
Sample Number	Au (ppb)	Ag (ppm)	Ba (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
MH1700 000N	<5	<.2	90	27	33	<1	271	20	74
MH1700 100N	<5	<.2	100	16	24	<1	85	24	112
MH1700 200N	10	<.2	100	99	46	<1	1100	42	68
MH1700 300N	<5	<.2	270	52	87	<1	440	32	68
MH1700 400N	15	<.2	250	93	110	<1	820	58	104
MH1700 500N	<5	0.4	680	51	238	<1	284	350	564
MH1700 600N	<5	<.2	170	67	72	<1	690	18	64
MH1700 700N	<5	0.2	950	31	187	<1	55	454	476
MH1700 800N	<5	.2	270	29	160	<1	96	2600	2630
MH1700 900N	<5	<.2	180	25	93	<1	79	88	156
MH 7600 FT	20	0.2	160	53	237	1	119	84	246
MH97JW-1	5	0.8	330	13	320	<1	57	76	74

NTS 104I/16

LEGEND

MAP SYMBOLS

- Geological contact (defined, approximate, assumed)
- Fault (defined, approximate, assumed; solid circle on downthrown side)
- Thrust Fault (defined, approximate, assumed; teeth on upthrust side)
- Outcrop
- Float boulders / Subcrop
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Anticline (defined, approximate, overturned)
- Syncline (defined, approximate, overturned)
- 1997 Rock Sample (float, grab, 1996 sample)
- Silt Sample (1997, 1996 RGS)
- Soil Sample (line, grab)
- Claim Posts

MINERALIZATION

BI - biotite	CB - carbonate	CL - chlorite
CP - chalcopyrite	GE - goethite	GL - galena
JA - jarosite	KA - kaolinite	MN - Mn-oxides
PY - pyrite	QZ - quartz	SL - sphalerite
tr - trace	m - moderate	s - strong

MODIFIERS

BX - breccia	cal - calcareous	QV - quartz vein
SI - silicified	br - brown	gy - grey

DESCRIPTIVE LITHOLOGIES (Outcrop Codes)

arg - argillite	gwke - greywacke	slts - siltstone
phyl - phyllite	tuf - tuff	gran - granite
lst - limestone		

REGIONAL GEOLOGY

From Gabrielse, 1994

SLIDE MOUNTAIN TERRANE

DEVONIAN TO TRIASSIC
UPPER DEVONIAN(?) TO UPPER TRIASSIC
SYLVESTER COMPLEX (DPs, DPss, DPsq, DPsp, DPsc, DPsv, DPsgd, DPsd, DPsga, DPsu, DPsa, DPst, DPsr, PFM, PNC, Pt, PPc, Pc, Pch, MN, Ms, DMch)

DPsv — Dominantly tholeiitic basalt, locally pillowed, fine grained

ANCESTRAL NORTH AMERICA

DEVONIAN AND MISSISSIPPIAN
UPPER DEVONIAN TO MISSISSIPPIAN (FRASNIAN TO VISEAN)

DME — EARN GROUP: shale, black, grey and blue grey, locally pyritic; argillite; light green, tuffaceous (?) shale; porcellanite

MIDDLE TO UPPER DEVONIAN (GIVETIAN TO FRASNIAN)

DM — McDAME FORMATION: upper member, limestone, platy, light grey; local karst breccia; lower member, dolostone, dark grey, fetid; limestone; carbonate breccia; DMm, dark grey, fetid, dolomitic limestone and marble

Rock Sample Analyses									
Sample Number	Au (ppb)	Ag (ppm)	Ba (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
2730	<5	<.2	30	14	35	1	31	20	46
2731	<5	<.2	140	7	48	2	14	18	40
2732	<5	<.2	430	13	147	1	15	12	62
2733	<5	<.2	30	12	64	1	14	<2	28
2734	<5	<.2	<10	32	107	<1	13	<2	28
2735	<5	<.2	130	9	2	1	32	<2	14
2736	<5	<.2	180	1	3	<1	3	<2	<2
2737	<5	<.2	170	5	41	1	18	34	38
2738	<5	<.2	80	6	15	<1	8	16	44
2739	<5	<.2	420	21	45	<1	36	<2	62
2740	<5	<.2	30	4	3	2	11	<2	12
2741	<5	<.2	50	<1	<1	3	<1	8	<2
2742	<5	<.2	330	3	16	<1	18	2	28
2743	<5	<.2	70	53	419	2	1	<2	36
2744	<5	1.4	30	7	1240	5	50	<2	122
2745	<5	0.6	20	5	342	5	21	<2	74
2746	<5	0.4	120	8	404	8	25	<2	66
316671	<5	5.6	10	17	312	1	38	1010	368
316672	<5	0.2	10	32	768	2	67	50	252
316673	<5	<.2	60	15	24	1	37	22	76
316674	215	<.2	110	24	160	<1	59	10	38
316675	15	<.2	50	18	118	1	33	16	34
316676	10	0.2	60	4	48	1	14	82	46
316677	<5	88.8	10	59	650	3	18	3.62%	4.8%
316678	<5	1.8	40	72	724	1	89	400	264
316679	<5	0.2	120	22	39	<1	30	92	120
316680	65	1.6	570	5	90	1	13	108	84
316681	30	2.2	60	7	769	3	48	84	480
316682	<5	0.2	100	2	4	<1	3	10	4
Cry 1	<5	1.9	-	-	1900	<1	-	20	59
Cry 2	6	<0.2	-	-	27	1	-	5	9

Silt Sample Analyses									
Sample Number	Au (ppb)	Ag (ppm)	Ba (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
4184	<5	0.2	280	29	115	1	86	144	312
4185	<5	0.2	380	29	152	1	144	222	324
4186	<5	0.2	430	37	103	<1	352	118	268
4187	<5	0.2	380	32	107	1	127	62	234
4188	<5	0.6	400	31	211	3	111	110	300
4189	<5	0.4	390	28	235	2	91	144	328
4190	<5	0.6	330	43	282	3	129	138	360
4191	<5	<.2	160	16	42	2	92	28	110
4221	<5	0.2	330	24	121	1	93	62	196
4222	<5	0.2	280	28	157	5	89	34	198
4223	<5	0.6	220	34	228	2	88	90	304

HUNTER EXPLORATION GROUP

MAJOR HART PROJECT
GEOLOGY & GEOCHEMISTRY
RAM PROPERTY

EQUITY

Date Sept. 1997	Scale 1:10,000	FIGURE
U.T.M. Zone 9	Mining District LIARD	5
Projection NAD-27	State/Province B.C.	