

YUKON ASSESSMENT REPORT

PROPERTY: **MAKER CLAIMS**

NTS MAP SHEET: 115 O/15

LATITUDE: 63° 55'N

LONGITUDE: 138° 55'W

CLAIMS AND GRANT NUMBERS WORKED:

OWNER OF PROPERTY: **Arbor Resources Inc. and Wealth Resources Ltd.**

ADDRESS: #1000 - 675 West Hastings Street
Vancouver, B.C.
V6B 1N2

TELEPHONE: (604) 685-2222

OPERATOR: **Hastings Management Corporation**

TYPE OF WORK: **Geochemical sampling**

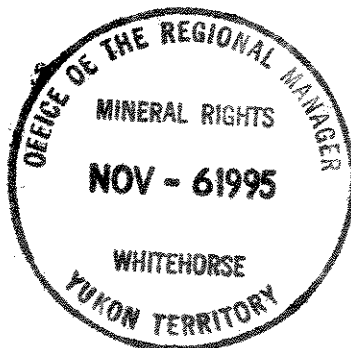
DATE WORK WAS DONE: **July 1 - 4, 1995**

AUTHOR OF REPORT: **Philip Southam, P. Geo.**

LIST OF PERSONNEL:

Allen Whaley, Hastings Management Corp.

093352



GEOCHEMICAL REPORT
ON THE
MAKER CLAIMS

Dawson Mining Division, Yukon

NTS 115 0/15

Latitude: 63° 55'N

Longitude: 138° 55'W

OWNERS:

Arbor Resources Inc.
Wealth Resources Ltd.
#1000 - 675 West Hastings Street
Vancouver, B.C.
V6B 1N2

OPERATOR:

Hastings Management Corporation
#1000 - 675 West Hastings Street
Vancouver, B.C.
V6B 1N2

BY:

P. SOUTHAM, P. Geo. (BC)

October, 1995

TABLE OF CONTENTS

LOCATION AND ACCESS	1
TOPOGRAPHY AND VEGETATION	1
PROPERTY STATUS	1
HISTORY	1
REGIONAL GEOLOGY	4
PROPERTY GEOLOGY	6
WORK PROGRAM	6
GEOCHEMICAL SURVEY METHOD	6
GEOCHEMICAL SURVEY RESULTS	11
SUMMARY AND CONCLUSIONS	11

LIST OF TABLES

Table 1 - Claims List	1
Table 2 - Property Geology Legend	8
Table 3 - Sample Data	6

LIST OF FIGURES

Figure 1 - Location Map	2
Figure 2 - Claim Location Map	3
Figure 3 - Regional Geology	5
Figure 4 - Property Geology	7
Figure 5 - Cr Geochemistry, AL Grid	9
Figure 6 - Cr Geochemistry, Hill Grid	10

APPENDICES

Appendix I - STATEMENT OF EXPENDITURES
Appendix II - STATEMENT OF QUALIFICATIONS
Appendix III - ANALYTICAL METHOD
Appendix IV - ASSAY RESULTS

LOCATION AND ACCESS

The property is located 35 kilometers southeast of Dawson City, Yukon (figure 1) near Hunker Creek, centered on 63° 55' north latitude and 138° 55' west longitude on NTS sheet 115 0/15. It is accessible by gravel road from spring to fall or by helicopter from Dawson City in the winter.

TOPOGRAPHY AND VEGETATION

The topography is rolling hills ranging in elevation from 600 meters (1970 ft.) above sea level (ASL) to 1000 meters (3300 ft.) ASL covered with spruce, poplar and birch trees. The area escaped glaciation, thus the valleys are V-shaped and there is less than 1% natural outcrop exposure. The best exposure of bedrock is usually found in placer mine cuts and along road cuts.

On north facing slopes and shaded areas the vegetation consists of spruce trees and thick moss due to permafrost in the underlying soil. Spruce trees are also found in damp soil conditions on the property, such as creek gullies. Poplar and birch trees grow on the dry, thawed south, east and west facing slopes. Alder thickets are found along creeks and gullies.

PROPERTY STATUS

The property consists of 40 quartz claims staked as the Maker claims (figure 2). They are:

Table 1 - Claims List

<u>CLAIM NAME</u>	<u>GRANT NUMBER</u>	<u>EXPIRY DATE*</u>	<u>OWNER</u>
Maker 1 - 40	YB44881 - 920	July 7/96	Arbor Resources and Wealth Resources

* With acceptance of this report.

HISTORY

The property is located in the historic Klondike region where more than eleven million ounces of gold has been mined from placer deposits in existing creeks and former river channels. Placer gold was discovered in 1896 and mining of the creek and bench deposits still continues today.

The area was first worked by John Fawcett and reported in T.A. MacLean's Lode Mining in Yukon, (1914). He worked three claims named the Brandon, Hillsborough and Alphonse. The Brandon and

ARBOR RESOURCES INC.
WEALTH RESOURCES LTD.

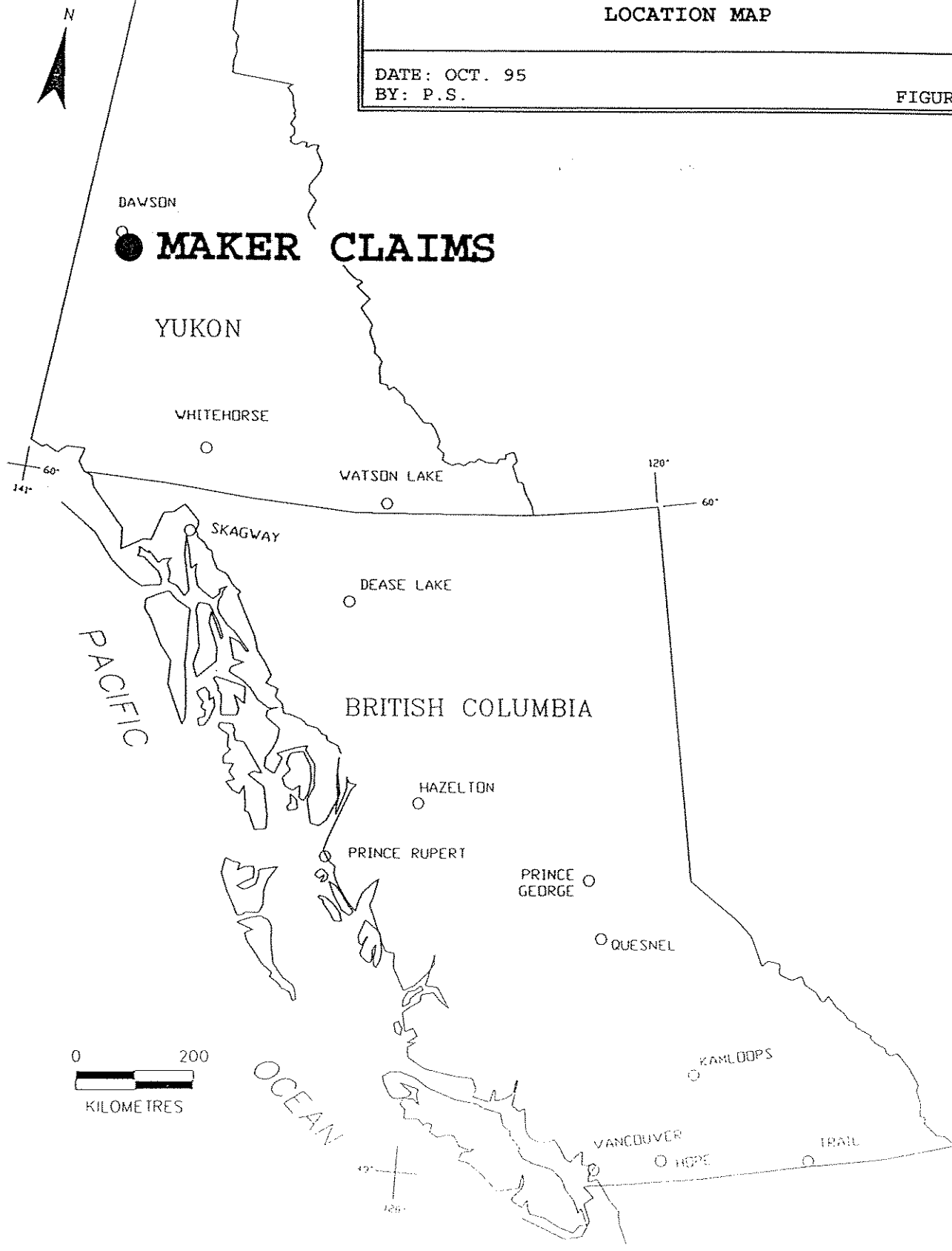
MAKER CLAIMS
DAWSON M.D., YUKON

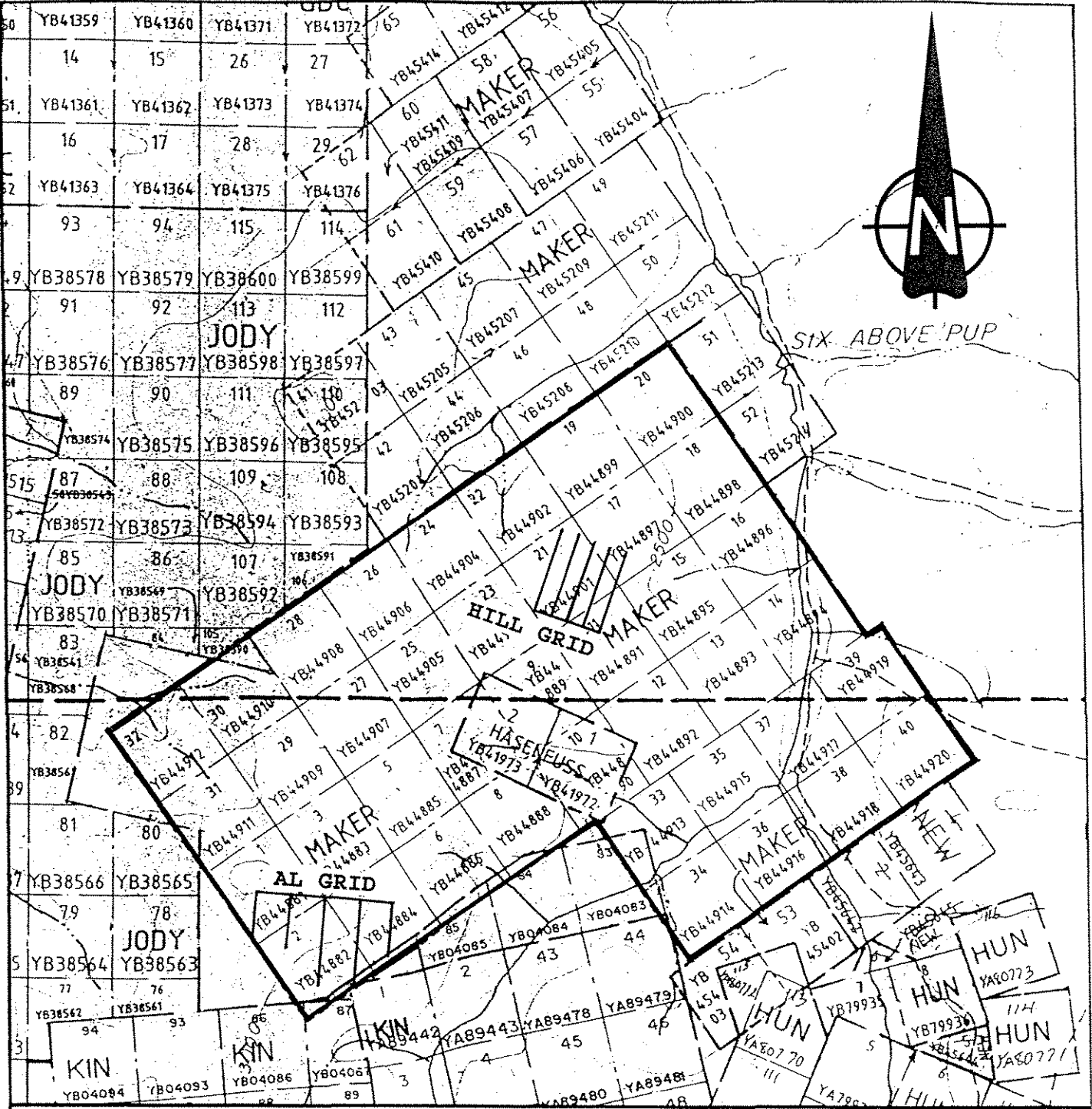
NTS 115-O-15

LOCATION MAP

DATE: OCT. 95
BY: P.S.

FIGURE 1





0 0.5 1
kilometer

ARBOR RESOURCES INC.
WEALTH RESOURCES LTD.

MAKER CLAIMS

DAWSON M.D., YUKON

NTS 115-0-15

CLAIM AND GRID LOCATION MAP

SCALE 1 : 31,680

DATE: OCT. 95

BY: P.S.

FIGURE 2

Hillsborough claims were located at the head of 24 pup on the left limit of the right fork of Hunker. The Alphonse is on the left limit of 36 pup, also a tributary on the left limit of Hunker's right fork. Each of these claims had quartz veins which were trenched. Sampling by MacLean returned values of 0.12 oz/ton gold on the Alphonse claim and 0.04 oz/ton gold on the Brandon claim.

More recent work was completed by Archer Cathro and Associates for Dawson Eldorado Gold Explorations on the Fawcett occurrence. In 1983 they completed geological mapping and limited geochemical sampling on regional soil lines. No significant results were obtained, however more detailed work on the known occurrences were recommended. In 1986 Archer Cathro completed more detailed geochemical sampling and prospecting for All-North Resources with results of up to 107 ppb Au and several samples exceeding the 20 ppb anomalous threshold. The work was encouraged by the discovery of extremely delicate wire-like gold being placer mined on 24 pup by G. Ahnert. This type of nugget normally breaks down during mechanical transport and are usually found near their bedrock source (R.C. Carne, 1987).

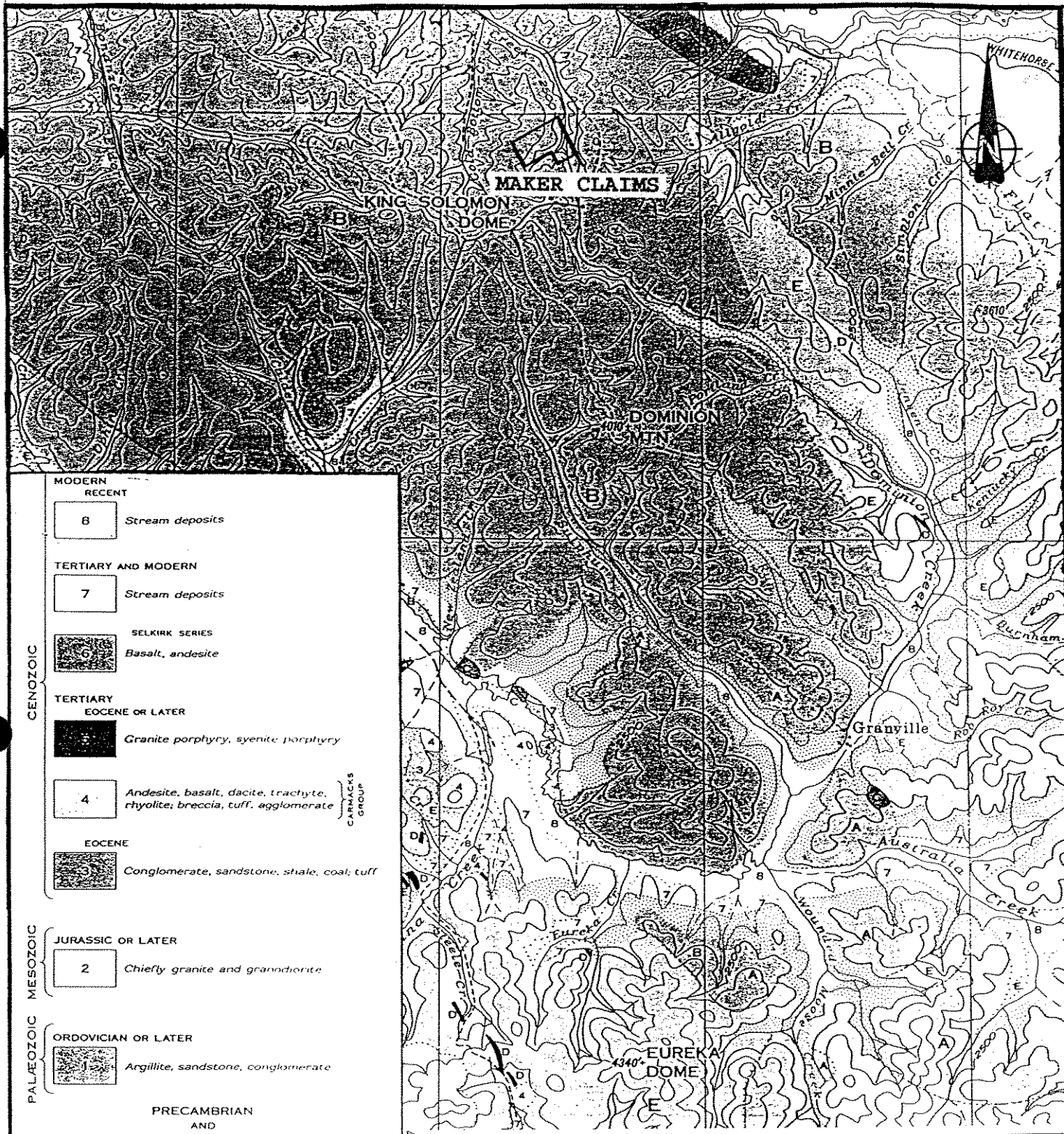
In 1993 the claims were restaked as the Maker claims by Arbor Resources Inc. and Wealth Resources Ltd. and added into an agreement with Kennecott Canada Inc., allowing Kennecott to perform work on the property. Kennecott conducted prospecting and sampling in 1994 but returned the property to Arbor and Wealth in January, 1995.

REGIONAL GEOLOGY

The Klondike region is underlain by a group of moderately metamorphosed rocks of late-Paleozoic age known as the Klondike Series and Nasina Series (represented as Klondike schist and Yukon Group in figure 3). They form part of the Yukon-Tanana Terrane (YTT) on the SW side of the Tintina Trench. The YTT is formed from the merging of the Omineca Crystalline Belt and the Coast Plutonic Complex into the Intermontane Belt (Tempelman-Kluit, 1977). The Tintina Trench is a major transcurrent fault along which at least 450 km of dextral offset has occurred (Mortensen, 1990).

The gross lithologic assemblages within the YTT consist of Proterozoic and Paleozoic strata which can be correlated with the Omineca Crystalline Belt (OCB). The OCB includes a succession of clastic and carbonate rocks equivalent to miogeoclinal sequences to the east. The western part of the belt is overlain by upper Paleozoic mafic and felsic volcanic rocks with intercalated chert and slate (Tempelman-Kluit, 1977).

Mortensen (1990) describes the Klondike and Nasina geology as several imbricated thrust panels of polydeformed metavolcanics and metasediments of a buried island arc which can be subdivided into



CENOZOIC	MODERN RECENT	8	Stream deposits		
	TERTIARY AND MODERN	7	Stream deposits		
	SELKIRK SERIES	6	Basalt, andesite		
	TERTIARY EOCENE OR LATER	5	Granite porphyry, syenite porphyry		
		4	Andesite, basalt, dacite, trachyte, rhyolite, breccia, tuff, agglomerate	CARNACKS GROUP	
	EOCENE		Conglomerate, sandstone, shale, coal, tuff		
	MESOZOIC	JURASSIC OR LATER	2	Chiefly granite and granodiorite	
	PALAEZOIC	ORDOVICIAN OR LATER	1	Argillite, sandstone, conglomerate	
		PRECAMBRIAN AND LATER	A	Chiefly gneissic granite	
			B	Klondike schist; sericite schist, minor chlorite schist	
		C	Gabbro, pyroxenite, peridotite, serpentine		
		D	Limestone	YUKON GROUP	
		E	Gneiss, quartzite, schist, slate		

ARBOR RESOURCES INC.		WEALTH RESOURCES LTD.	
MAKER CLAIMS			
DAWSON M.D., YUKON		NTS 115-0-15	
REGIONAL GEOLOGY			
SCALE 1 : 253,440			
DATE: OCT. 95		BY: P.S.	
			FIGURE 3

three assemblages. Assemblage I, the uppermost and more widely extensive thrust panel, is metamorphosed mid-Permian felsic plutonic, subvolcanic, and tuffaceous rocks. Assemblage II is mid-Paleozoic or older metasedimentary and mafic and felsic metavolcanic rocks intruded by a large body of latest Devonian - Early Mississippian granitic augen orthogneiss. Assemblage III underlies I and II structurally in the northern and southwestern part of the study area and consists of carbonaceous schists and phyllite.

PROPERTY GEOLOGY

The area is underlain by schistose rocks of quartzofelspathic to mafic affinity (figure 4; from Debicki, 1984). The quartzofelspathic unit is described as buff weathering well foliated muscovite-feldspar-quartz schist; the mafic material is light to medium green and buff weathering chlorite-quartz schist (table 2).

Ultramafic rocks have been mapped in along Independence Creek at the assumed contact of a thrust fault trending northwest and dipping to the southwest. It underlies old and recent bench placer gold mining operations and is considered to be a possible source conduit of gold mineralization.

WORK PROGRAM

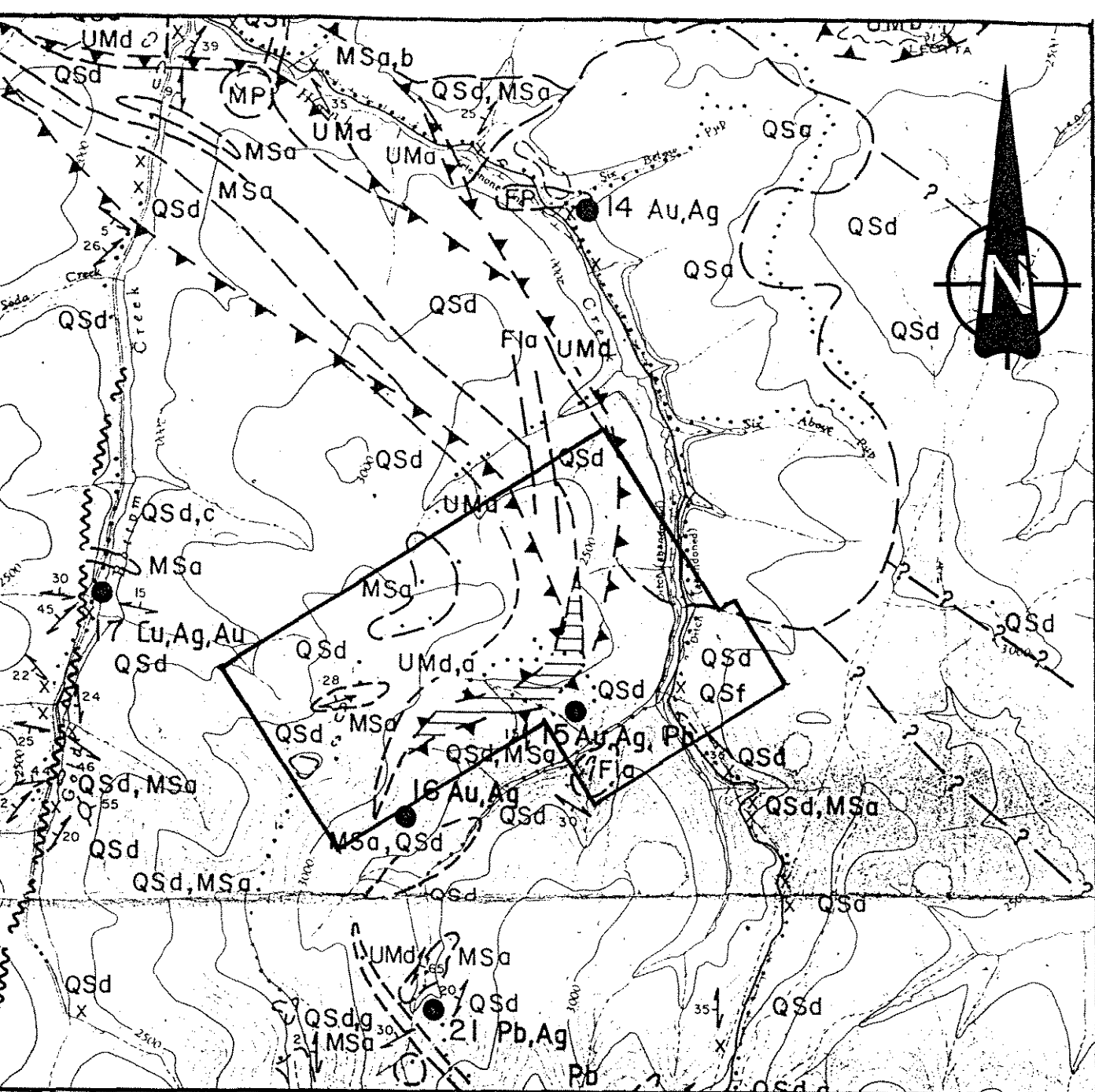
Two soil grids (table 3) were completed to test for mineralization along the thrust around Fawcett's Hillsboro and Alphonse showings.

Table 3 - Sample Data

<u>Grid Name</u>	<u>Line Kilometers</u>	<u>No. of Samples</u>	<u>Sample Spacing</u>	<u>Line Spacing</u>
Hill	2.5	105	25 m	100 m
Al	1.9	81	25 m	200 m

GEOCHEMICAL SURVEY METHOD

The two soil lines were taken on the top of the bench overlooking Hunker Creek, north of Gold Bottom Creek (figure 2). Sample stations are at 25 meter intervals and are marked with flagging tape. Soil samples were taken from the B-horizon, found at depths of 5 to 40 centimeters, using a standard mattock. The samples were placed in kraft soil sample bags and dried prior to shipping to Chemex Labs for analysis. Each sample was tested by fire assay for gold and by 32-element ICP.



ARBOR RESOURCES INC. WEALTH RESOURCES LTD.	
MAKER CLAIMS	
DAWSON M.D., YUKON	NTS 115-0-15
PROPERTY GEOLOGY (From Debicki, 1984)	
SCALE 1 : 50,000	
DATE: OCT. 95 BY: P.S.	
FIGURE 4	

Table 2 - Property Geology Legend

(from Debicki, 1985)

LATE CRETACEOUS TO EARLY TERTIARY

Felsic intrusive and volcanic rocks

FI

FIa light coloured quartz-feldspar rhyolite porphyry and rhyolite

TRIASSIC OR OLDER

Rocks of varying metamorphic grade and degree and style of deformation

Felsic plutonic rocks

FP, QS

FP foliated equigranular biotite granodiorite

QSa blocky weathering light grey to pinkish feldspar-quartz schist

Mafic plutonic rocks

MP

MP weakly to strongly foliated amphibolite

Quartzofeldspathic schistose rocks

QS

QSa buff to pale green weathering well foliated muscovite-feldspar-quartz schist with quartz and feldspar porphyroclasts, and lithic fragments

QSc buff weathering well foliated muscovite-feldspar-quartz schist with quartz porphyroclasts

QSD buff weathering well foliated muscovite-feldspar-quartz schist

QSe light green weathering hornblende/muscovite-feldspar-quartz schist

QSF silvery grey weathering sericite-quartz schist

Carbonaceous rocks

CS

CSa massive to foliated dark grey to black carbonaceous quartzite and muscovite-quartz schist

Mafic schistose rocks

MS

MSa light to medium green and buff weathering chlorite-quartz schist

MSb dark green weathering chlorite schist

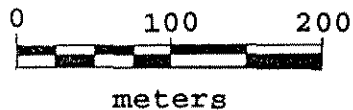
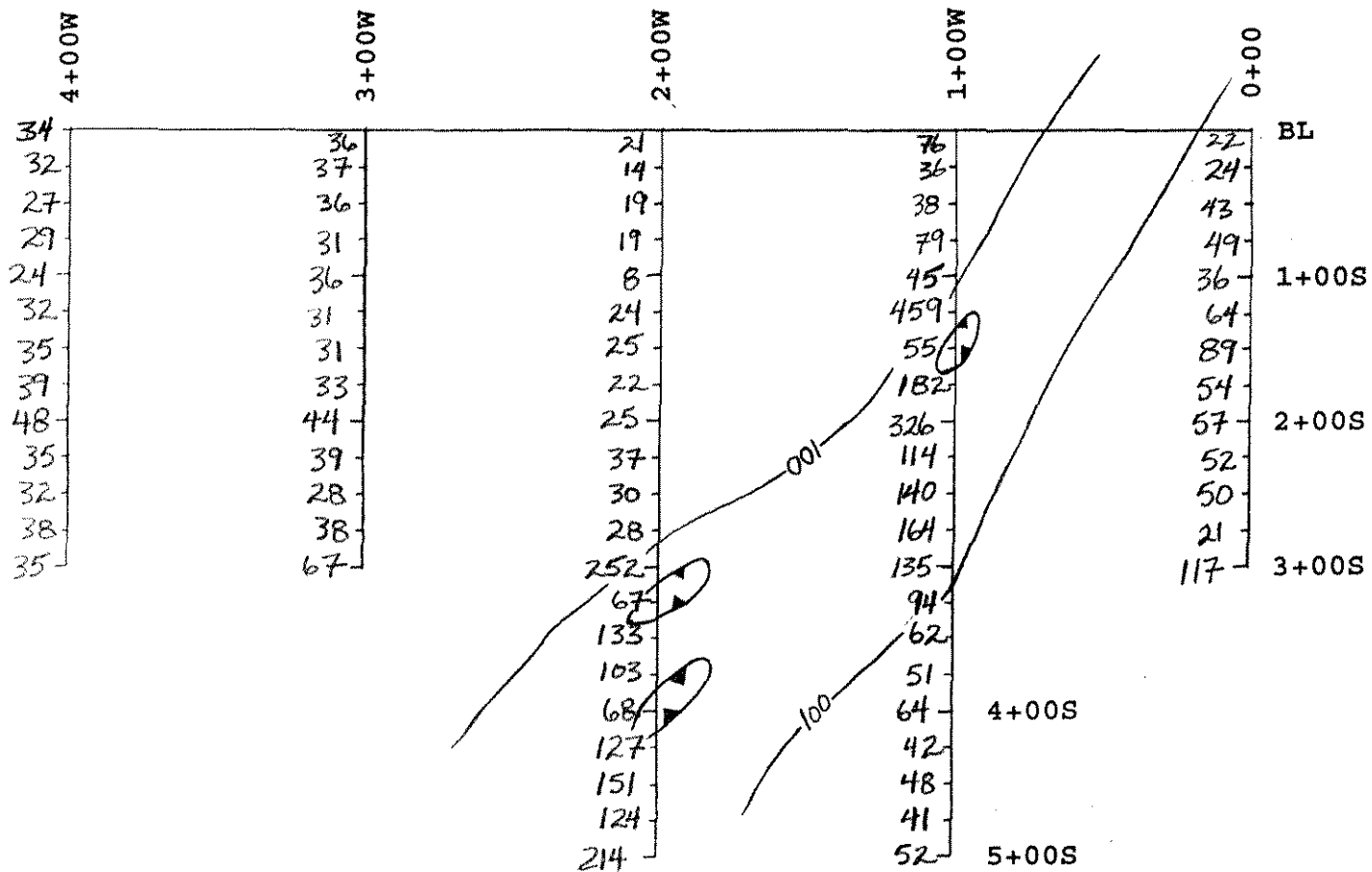
MSd grey-brown weathering quartz-amphibole schist

Ultramafic rocks

UM

UMa massive dark green serpentinite

UMd foliated strongly altered serpentinite, including talc schist and listwanite



ARBOR RESOURCES INC.
WEALTH RESOURCES LTD.

MAKER CLAIMS

DAWSON M.D., YUKON

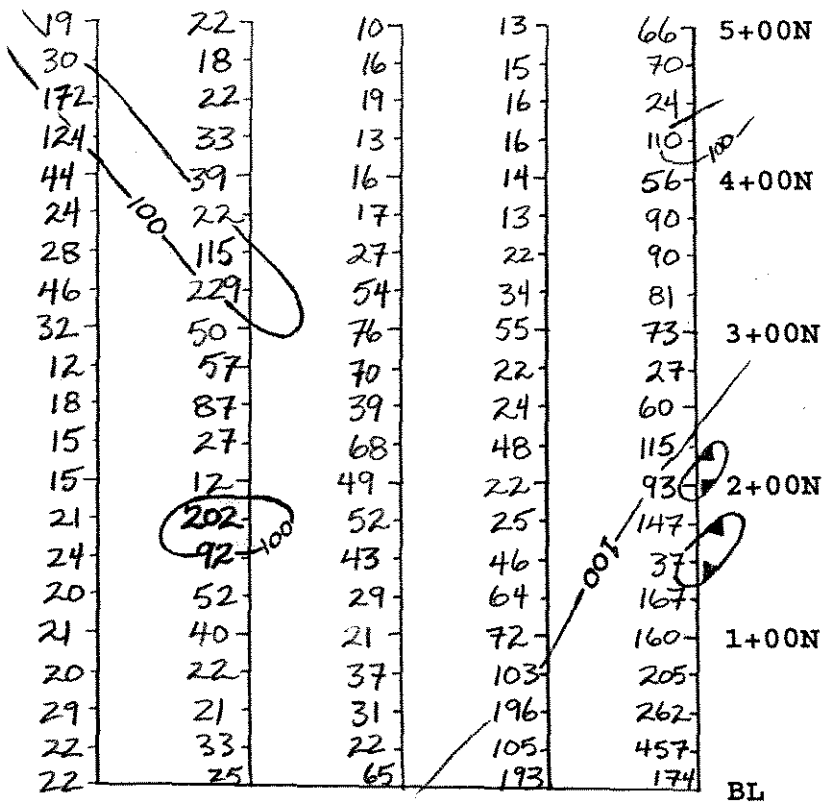
NTS 115-O-15

Cr GEOCHEMISTRY, AL GRID
(ppm)

SCALE 1 : 5,000

DATE: OCT. 95
BY: P.S.

FIGURE 5



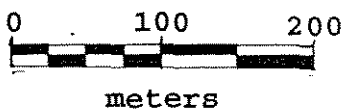
4+00W

3+00W

2+00W

1+00W

0+00



ARBOR RESOURCES INC. WEALTH RESOURCES LTD.	
MAKER CLAIMS	
DAWSON M.D., YUKON	NTS 115-0-15
Cr GEOCHEMISTRY, HILL GRID (ppm)	
SCALE 1 : 5,000	
DATE: OCT. 95 BY: P.S.	
FIGURE 6	

GEOCHEMICAL SURVEY RESULTS

The results of the geochemical survey did not return any significant gold values and only weakly anomalous silver values. The chrome values are shown in figures 5 and 6 representing the ultramafic rocks which identify the thrust fault. Nickel is also weakly anomalous in the area of the thrust. It has been suggested that there is some association of the gold with the thrust fault, however the soil results do not seem to support that theory.

SUMMARY AND CONCLUSIONS

The Maker claims are underlain by Klondike Schist and a thrust fault which has emplaced a thin body of fresh to serpentized ultramafic rocks. Quartz veins found on the property have returned some significant gold assays, however their continuity and overall grade are questionable. The source of the delicate wire gold is uncertain. The total lack of gold in the results from the 1995 soil sampling is curious given previous success, as modest as it is. Overall, however, the gold in soil results are erratic and widely spaced, apparently related to the quartz veins mentioned above, not the thrust fault. Therefore, since no obvious trenching targets are definable, no further work is recommended for this property.

BIBLIOGRAPHY

- Debicki, R.L., 1984. Bedrock geology and mineralization of the Klondike Area (west), 115 O/14,15 and 116 B/2,3 Exploration and Geological Services Division, Yukon; Indian and Northern Affairs Canada. Open File, 1:50,000 scale map with marginal notes.
- Carne, R.C., 1987. Report on soil geochemistry and prospecting, Law 1-12 claims, Dawson mining district, Yukon territory. Report # 091706.
- MacLean, T.A., 1914. Lode mining in Yukon: an investigation of quartz deposits in the Klondike division; Canada Dept. of Mines, Mines Branch Publication 222, Ottawa; pgs 107-111.
- Mortensen, J.K., 1984. Assessment Report on Klaw 1-24 Claims, Dawson mining district, Yukon territory. Report # 091566.
- Mortensen, J.K., 1990. Geology and U-Pb geochronology of the Klondike district, west-central Yukon Territory; Canadian Journal of Earth Sciences, Vol. 27, p. 903-914.
- Templeman-Kluit, D., 1976. The Yukon crystalline terrane: Enigma in the Canadian Cordillera; Geol. Soc. America Bull., v. 87, p. 1343-1357.

APPENDIX I

STATEMENT OF EXPENDITURES

MAKER CLAIMS - EXPENDITURES

SALARIES

Allen Whaley - 4 mandays @ \$140/day 560

Report preparation - P. Southam - 1 manday @ \$180/day 180

GEOCHEMICAL ANALYSIS

188 soil samples @ \$17.92/sample 3369

LOGISTICAL COSTS

Food and lodging - 4 mandays @ \$25/day 100

Sample shipping 80

Vehicle fuel and maintenance 100

FILING FEES

200

SUBTOTAL

4589

Administration Fee (15%)

688

GST on Administration (#129350518)

48

TOTAL

\$5325

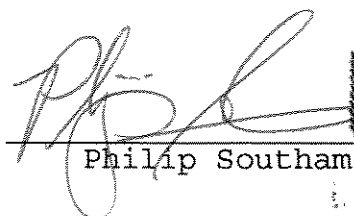
APPENDIX II

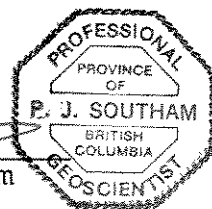
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Philip James Southam of 103 - 6615 Telford Avenue, Burnaby, British Columbia, do hereby certify:

1. I am a geologist registered with the Association of Professional Engineers and Geoscientists of British Columbia.
2. I graduated from Brandon University in 1987 with a Bachelor of Science degree majoring in geology.
3. I have practised my profession continuously since graduation in British Columbia, Manitoba, Yukon Territory and California in the field of mineral exploration.
4. I am employed by Hastings Management Corp. to provide geological services for Arbor Resources Inc. and Wealth Resources Ltd.
5. All work completed for the purpose of this report was done under my supervision.


Philip Southam



APPENDIX III

ANALYTICAL METHOD

Screening Procedure

Chemex Code: 201

Geochemical samples (soils, silts) are dried at 50 deg C and then sieved through an 80 mesh stainless steel screen. If insufficient material is obtained, the sample is sieved through a 35 mesh screen (code 203) and the -35 mesh material is ring pulverized (code 205).

If there is still insufficient material for analysis after sieving to -35 mesh, then the whole sample is recombined and ground (code 217).

Screening Procedure

Chemex Code: 203

Geochemical samples (soils, silts) are dried at 50 deg C. and then screened through a 35 mesh stainless steel screen. The -35 mesh material is then ring pulverized using a ring mill with either a chrome steel ring set (code 205) or a zirconia ring set (code 248). If there is insufficient -35 mesh material for analysis, then the entire sample is ground (code 217).

Gold

Fire Assay Collection/ Atomic Absorption Spectroscopy (FA-AA)

Chemex Code: 100

A 10g sample is fused with a neutral lead oxide flux inquarted with 6mg of gold-free silver and then cupelled to yield a precious metal bead.

These beads are digested for 30 mins in 0.5ml concentrated nitric acid, then 1.5ml of concentrated hydrochloric acid are added and the mixture is digested for 1 hr. The samples are cooled, diluted to a final volume of 5ml, homogenized and analyzed by atomic absorption spectroscopy.

Detection limit: 5 ppb

Upper Limit: 10,000 ppb

32-Element Geochemistry Package (32-ICP)
Inductively-Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES)

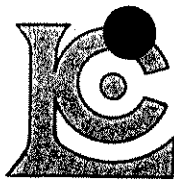
A prepared sample (1.0g) is digested with concentrated nitric and aqua regia acids at medium heat for two hours. The acid solution is diluted to 25ml with demineralized water, mixed and analyzed using a Jarrell Ash 1100 plasma spectrometer after calibration with proper standards. The analytical results are corrected for spectral inter-element interferences.

Chemex Codes	Element	Detection Limit	Upper Limit
229	Digestion		
2119	* Aluminum	0.01 %	15 %
2118	Silver	0.2 ppm	0.02 %
2120	Arsenic	2 ppm	1 %
2121	* Barium	10 ppm	1 %
2122	* Beryllium	0.5 ppm	0.01 %
2123	Bismuth	2 ppm	1 %
2124	* Calcium	0.01 %	15 %
2125	Cadmium	0.5 ppm	0.05 %
2126	Cobalt	1 ppm	1 %
2127	* Chromium	1 ppm	1 %
2128	Copper	1 ppm	1 %
2150	Iron	0.01 %	15 %
2130	* Gallium	10 ppm	1 %
2132	* Potassium	0.01 %	10 %
2151	* Lanthanum	10 ppm	1 %
2134	* Magnesium	0.01 %	15 %
2135	Manganese	5 ppm	1 %
2136	Molybdenum	1 ppm	1 %
2137	* Sodium	0.01 %	10 %
2138	Nickel	1 ppm	1 %
2139	Phosphorus	10 ppm	1 %
2140	Lead	2 ppm	1 %
2141	Antimony	2 ppm	1 %
2142	* Scandium	1 ppm	1 %
2143	* Strontium	1 ppm	1 %
2144	* Titanium	0.01 %	10 %
2145	* Thallium	10 ppm	1 %
2146	Uranium	10 ppm	1 %
2147	Vanadium	1 ppm	1 %
2148	* Tungsten	10 ppm	1 %
2149	Zinc	2 ppm	1 %
2131	Mercury	1 ppm	1 %

* Elements for which the digestion is possibly incomplete.

APPENDIX IV

ASSAY RESULTS



Chemex Labs Ltd.

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

HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

INVOICE NUMBER

I 9 5 2 2 3 7 8

BILLING INFORMATION

Date: 11-AUG-95
Project:
P.O. No.:
Account: JCL

Comments:

Billing: For analysis performed on
Certificate A9522378

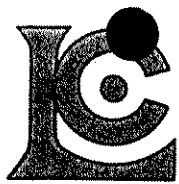
Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

COPY

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
188	201 - Dry, sieve to -80 mesh ICP-32	1.25 7.00		
	100 - Au ppb FA+AA	8.50	16.75	3149.00
Total Cost \$				3149.00
(Reg# R100938885) GST \$				<u>220.43</u>
TOTAL PAYABLE (CDN) \$				3369.43



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

HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

A9522378

Comments: ATTN: PHIL SOUTHAM CC: ALLEN WHALEY

CERTIFICATE

A9522378

(JCL) - HASTINGS MANAGEMENT CORP.

Project:
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 27-JUL-95.

SAMPLE PREPARATION

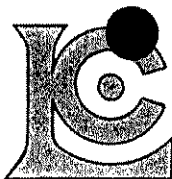
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	188	Dry, sieve to -80 mesh
229	188	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	188	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	188	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	188	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	188	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	188	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	188	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	188	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	188	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	188	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	188	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	188	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	188	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	188	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	188	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	188	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	188	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	188	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	188	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	188	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	188	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	188	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	188	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	188	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	188	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	188	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	188	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	188	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	188	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	188	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	188	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	188	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	188	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	188	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

HASTINGS MANAGEMENT CORP. ##

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

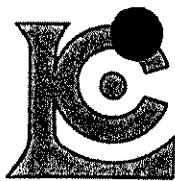
Page 1 of 1 : 1-A
Total Pages : 5
Certificate Date: 27-JUL-95
Invoice No. : I9522378
P.O. Number :
Account : JCL

Project :
Comments: ATTN: PHIL SOUTHAM CC: ALLEN WHALEY

CERTIFICATE OF ANALYSIS A9522378

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
AL LOW 000S	201 229	< 5	< 0.2	1.72	6	140	< 0.5	< 2	0.32	< 0.5	19	22	95	3.55	< 10	< 1	0.03	< 10	1.06	595
AL LOW 025S	201 229	< 5	< 0.2	1.43	4	110	< 0.5	< 2	0.19	< 0.5	8	24	35	2.62	< 10	< 1	0.03	< 10	0.63	210
AL LOW 050S	201 229	< 5	0.4	1.91	12	200	< 0.5	< 2	0.25	< 0.5	12	43	73	3.55	< 10	< 1	0.05	< 10	1.03	390
AL LOW 075S	201 229	< 5	0.2	2.13	14	190	< 0.5	< 2	0.34	< 0.5	13	49	68	3.84	< 10	< 1	0.08	10	1.23	405
AL LOW 100S	201 229	< 5	0.2	1.26	6	220	< 0.5	< 2	0.25	< 0.5	8	36	25	2.44	< 10	< 1	0.07	10	0.58	220
AL LOW 125S	201 229	< 5	< 0.2	2.24	6	170	< 0.5	< 2	0.24	< 0.5	14	64	52	4.00	< 10	< 1	0.08	10	1.32	380
AL LOW 150S	201 229	< 5	< 0.2	2.32	2	90	< 0.5	< 2	0.26	< 0.5	16	89	64	4.05	< 10	< 1	0.03	< 10	1.70	425
AL LOW 175S	201 229	< 5	0.2	1.92	18	140	< 0.5	< 2	0.22	< 0.5	11	54	41	3.19	< 10	< 1	0.04	10	0.98	265
AL LOW 200S	201 229	< 5	0.2	2.15	10	190	< 0.5	< 2	0.24	< 0.5	12	57	35	3.56	< 10	< 1	0.06	10	1.07	320
AL LOW 225S	201 229	< 5	0.2	1.96	8	170	< 0.5	< 2	0.37	< 0.5	12	52	44	3.02	< 10	< 1	0.03	10	1.00	325
AL LOW 250S	201 229	< 5	0.2	1.81	4	150	< 0.5	< 2	0.33	< 0.5	10	50	27	3.05	< 10	< 1	0.03	10	1.04	305
AL LOW 275S	201 229	< 5	0.2	1.76	2	150	< 0.5	< 2	0.37	< 0.5	14	21	50	3.42	< 10	< 1	0.05	< 10	1.04	685
AL LOW 300S	201 229	< 5	0.4	2.55	16	130	< 0.5	< 2	0.38	< 0.5	18	117	31	4.56	< 10	< 1	0.04	< 10	1.90	510
AL L1W 000S	201 229	< 5	< 0.2	2.06	< 2	190	< 0.5	< 2	0.20	< 0.5	10	76	24	2.97	< 10	< 1	0.03	10	1.32	315
AL L1W 025S	201 229	< 5	0.2	1.82	8	200	< 0.5	< 2	0.18	< 0.5	7	36	21	2.79	< 10	< 1	0.05	10	0.78	255
AL L1W 050S	201 229	< 5	0.2	2.09	12	240	< 0.5	< 2	0.17	< 0.5	8	38	20	2.89	< 10	< 1	0.05	10	0.83	250
AL L1W 075S	201 229	< 5	0.4	2.59	8	170	< 0.5	< 2	0.23	< 0.5	11	79	32	3.33	< 10	< 1	0.03	10	1.25	290
AL L1W 100S	201 229	< 5	0.4	1.79	8	180	< 0.5	< 2	0.20	< 0.5	6	45	13	2.39	< 10	< 1	0.03	10	0.56	165
AL L1W 125S	201 229	< 5	0.4	3.54	8	150	< 0.5	< 2	0.21	< 0.5	25	459	27	3.68	< 10	< 1	0.03	10	3.20	745
AL L1W 150S	201 229	< 5	0.8	1.68	2	180	< 0.5	< 2	0.33	< 0.5	11	55	49	3.06	< 10	< 1	0.04	10	0.91	545
AL L1W 175S	201 229	< 5	1.0	2.71	14	200	< 0.5	< 2	0.25	< 0.5	16	182	64	3.64	< 10	< 1	0.05	10	1.68	335
AL L1W 200S	201 229	< 5	0.4	2.08	8	200	< 0.5	< 2	0.37	< 0.5	20	326	34	3.40	< 10	< 1	0.06	10	1.72	405
AL L1W 225S	201 229	< 5	0.8	3.28	12	400	< 0.5	< 2	0.63	< 0.5	29	114	82	4.95	< 10	< 1	0.09	10	1.94	1705
AL L1W 250S	201 229	< 5	0.6	2.22	10	300	< 0.5	< 2	1.53	< 0.5	13	140	39	2.60	< 10	< 1	0.07	10	1.55	730
AL L1W 275S	201 229	< 5	0.4	2.32	14	120	< 0.5	< 2	0.97	< 0.5	14	164	44	2.81	< 10	< 1	0.10	10	2.12	395
AL L1W 300S	201 229	< 5	0.6	1.71	10	290	< 0.5	< 2	2.13	< 0.5	19	135	35	2.15	< 10	< 1	0.07	< 10	1.33	835
AL L1W 325S	201 229	< 5	0.8	2.34	6	500	< 0.5	< 2	0.72	< 0.5	19	94	39	3.12	< 10	< 1	0.07	20	1.18	590
AL L1W 350S	201 229	< 5	0.6	2.56	6	260	< 0.5	< 2	0.39	< 0.5	16	62	86	4.41	< 10	< 1	0.10	10	1.73	525
AL L1W 375S	201 229	< 5	0.4	2.23	4	330	< 0.5	< 2	0.39	< 0.5	18	51	72	3.87	< 10	< 1	0.15	10	1.20	525
AL L1W 400S	201 229	< 5	0.4	1.98	6	290	< 0.5	< 2	0.40	< 0.5	16	64	64	3.52	< 10	< 1	0.12	10	1.29	500
AL L1W 425S	201 229	< 5	0.2	1.74	4	330	< 0.5	< 2	0.38	< 0.5	12	42	38	2.94	< 10	< 1	0.07	10	0.91	405
AL L1W 450S	201 229	< 5	0.4	2.03	2	240	< 0.5	< 2	0.34	< 0.5	15	48	52	3.59	< 10	< 1	0.06	10	1.10	440
AL L1W 475S	201 229	< 5	0.4	2.03	2	220	< 0.5	< 2	0.44	< 0.5	14	41	79	3.93	< 10	< 1	0.12	10	1.22	430
AL L1W 500S	201 229	< 5	0.4	2.32	4	340	< 0.5	< 2	0.53	< 0.5	16	52	90	4.10	< 10	< 1	0.08	10	1.48	710
AL L2W 000S	201 229	< 5	0.6	1.83	4	220	< 0.5	< 2	0.12	< 0.5	6	21	13	3.21	< 10	< 1	0.07	10	0.69	235
AL L2W 025S	201 229	< 5	0.2	1.37	6	160	< 0.5	< 2	0.15	< 0.5	6	14	11	2.43	< 10	< 1	0.08	10	0.57	315
AL L2W 050S	201 229	< 5	0.2	2.43	< 2	210	< 0.5	< 2	0.19	< 0.5	14	19	36	4.20	10	< 1	0.22	< 10	1.98	575
AL L2W 075S	201 229	< 5	0.4	1.59	4	290	< 0.5	< 2	0.12	< 0.5	14	19	13	3.17	< 10	< 1	0.07	10	0.76	1280
AL L2W 100S	201 229	< 5	0.2	0.84	< 2	180	< 0.5	< 2	0.15	< 0.5	2	8	5	1.21	< 10	< 1	0.11	10	0.29	205
AL L2W 125S	201 229	< 5	0.4	1.75	18	180	< 0.5	< 2	0.15	< 0.5	8	24	22	2.96	< 10	< 1	0.06	10	0.87	340

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

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

HASTINGS MANAGEMENT CORP. ##

1000 - 675 W. HASTINGS
 VANCOUVER, BC
 V6B 1N6

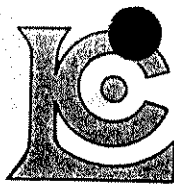
Page #: 1-B
 Total Pages: 5
 Certificate Date: 27-JUL-95
 Invoice No.: I9522378
 P.O. Number:
 Account: JCL

Project:
 Comments: ATTN: PHIL SOUTHAM CC: ALLEN WHALEY

CERTIFICATE OF ANALYSIS A9522378

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
AL LOW 000S	201 229	< 1	< 0.01	17	630	4	< 2	4	16	0.12	< 10	< 10	78	< 10	66
AL LOW 025S	201 229	< 1	< 0.01	14	230	2	< 2	2	10	0.12	< 10	< 10	67	< 10	48
AL LOW 050S	201 229	< 1	< 0.01	25	260	4	< 2	4	13	0.11	< 10	< 10	90	< 10	70
AL LOW 075S	201 229	< 1	< 0.01	36	400	4	< 2	7	15	0.06	< 10	< 10	102	< 10	72
AL LOW 100S	201 229	< 1	< 0.01	22	240	6	< 2	3	15	0.06	< 10	< 10	63	< 10	46
AL LOW 125S	201 229	< 1	< 0.01	41	220	4	< 2	7	13	0.09	< 10	< 10	104	< 10	66
AL LOW 150S	201 229	< 1	< 0.01	43	260	2	< 2	4	11	0.20	< 10	< 10	101	< 10	66
AL LOW 175S	201 229	< 1	< 0.01	29	240	2	< 2	4	13	0.09	< 10	< 10	82	< 10	66
AL LOW 200S	201 229	< 1	< 0.01	28	310	4	< 2	6	15	0.12	< 10	< 10	93	< 10	64
AL LOW 225S	201 229	< 1	< 0.01	29	200	2	< 2	4	18	0.14	< 10	< 10	75	< 10	56
AL LOW 250S	201 229	< 1	< 0.01	27	100	2	< 2	4	15	0.07	< 10	< 10	67	< 10	62
AL LOW 275S	201 229	< 1	< 0.01	12	350	< 2	< 2	3	16	0.09	< 10	< 10	89	< 10	68
AL LOW 300S	201 229	1	< 0.01	56	330	2	2	8	13	0.14	< 10	< 10	112	< 10	72
AL L1W 000S	201 229	1	< 0.01	33	310	6	< 2	6	13	0.09	< 10	< 10	58	< 10	68
AL L1W 025S	201 229	1	< 0.01	18	230	6	2	5	14	0.07	< 10	< 10	52	< 10	66
AL L1W 050S	201 229	1	< 0.01	19	150	10	< 2	5	13	0.07	< 10	< 10	54	< 10	68
AL L1W 075S	201 229	1	< 0.01	35	100	8	2	5	13	0.17	< 10	< 10	70	< 10	68
AL L1W 100S	201 229	1	0.01	18	270	10	< 2	3	13	0.08	< 10	< 10	59	< 10	50
AL L1W 125S	201 229	< 1	< 0.01	182	160	4	2	7	12	0.10	< 10	< 10	70	10	64
AL L1W 150S	201 229	< 1	0.01	27	250	10	< 2	4	18	0.15	< 10	< 10	80	< 10	68
AL L1W 175S	201 229	< 1	< 0.01	104	170	8	< 2	6	15	0.12	< 10	< 10	78	< 10	74
AL L1W 200S	201 229	< 1	0.01	191	130	8	< 2	6	22	0.11	< 10	< 10	75	< 10	60
AL L1W 225S	201 229	< 1	0.01	81	420	4	2	10	34	0.14	< 10	< 10	123	< 10	84
AL L1W 250S	201 229	< 1	0.01	68	560	4	< 2	7	73	0.06	< 10	< 10	53	< 10	66
AL L1W 275S	201 229	1	< 0.01	77	570	2	< 2	9	46	0.08	< 10	< 10	60	< 10	78
AL L1W 300S	201 229	1	0.01	154	840	4	< 2	6	104	0.04	< 10	< 10	43	< 10	74
AL L1W 325S	201 229	1	0.01	102	440	4	< 2	8	47	0.06	< 10	< 10	63	< 10	78
AL L1W 350S	201 229	< 1	< 0.01	43	490	2	2	7	20	0.09	< 10	< 10	105	< 10	90
AL L1W 375S	201 229	1	< 0.01	40	380	6	< 2	6	21	0.10	< 10	< 10	82	< 10	88
AL L1W 400S	201 229	< 1	< 0.01	43	470	4	< 2	7	21	0.10	< 10	< 10	81	< 10	78
AL L1W 425S	201 229	< 1	0.01	28	430	4	< 2	4	22	0.08	< 10	< 10	58	< 10	76
AL L1W 450S	201 229	< 1	< 0.01	29	260	4	< 2	6	18	0.11	< 10	< 10	89	< 10	76
AL L1W 475S	201 229	1	< 0.01	26	570	2	< 2	6	22	0.12	< 10	< 10	102	< 10	88
AL L1W 500S	201 229	1	< 0.01	31	460	2	< 2	8	26	0.13	< 10	< 10	102	< 10	96
AL L2W 000S	201 229	1	< 0.01	11	350	14	< 2	4	10	0.07	< 10	< 10	65	< 10	66
AL L2W 025S	201 229	< 1	< 0.01	6	540	8	< 2	3	11	0.04	< 10	< 10	47	< 10	52
AL L2W 050S	201 229	< 1	< 0.01	12	470	< 2	< 2	13	10	0.15	< 10	< 10	115	< 10	74
AL L2W 075S	201 229	< 1	< 0.01	11	780	8	< 2	6	9	0.08	< 10	< 10	73	< 10	68
AL L2W 100S	201 229	< 1	< 0.01	3	280	2	< 2	2	11	0.04	< 10	< 10	22	< 10	44
AL L2W 125S	201 229	1	< 0.01	15	250	6	< 2	6	12	0.09	< 10	< 10	58	< 10	70

CERTIFICATION: *Heath Buchler*



Chemex Labs Ltd.

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

HASTINGS MANAGEMENT CORP. ##

1000 - 675 W. HASTINGS
 VANCOUVER, BC
 V6B 1N6

Page Number : 2-A
 Total Pages : 5
 Certificate Date: 27-JUL-95
 Invoice No. : 19522378
 P.O. Number :
 Account : JCL

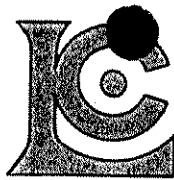
Project :
 Comments : ATTN: PHIL SOUTHAM CC: ALLEN WHALEY

CERTIFICATE OF ANALYSIS A9522378

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
AL L2W 150S	201 229	< 5	0.6	2.25	2	210	< 0.5	< 2	0.17	< 0.5	10	25	25	3.60	< 10	< 1	0.10	10	1.44	440
AL L2W 175S	201 229	< 5	0.4	2.02	8	160	< 0.5	< 2	0.17	< 0.5	9	22	18	3.50	< 10	< 1	0.08	10	1.22	350
AL L2W 200S	201 229	< 5	0.2	1.93	16	180	< 0.5	< 2	0.18	< 0.5	8	25	21	3.59	< 10	< 1	0.08	10	1.10	375
AL L2W 225S	201 229	< 5	0.4	2.19	4	110	< 0.5	< 2	0.20	< 0.5	11	37	31	3.68	< 10	< 1	0.09	10	1.41	490
AL L2W 250S	201 229	< 5	0.4	2.09	4	190	< 0.5	< 2	0.17	< 0.5	9	30	29	3.58	< 10	< 1	0.07	10	1.23	345
AL L2W 275S	201 229	< 5	< 0.2	1.76	6	130	< 0.5	< 2	0.19	< 0.5	8	28	23	2.88	< 10	< 1	0.05	10	1.03	320
AL L2W 300S	201 229	< 5	0.2	2.05	10	130	< 0.5	< 2	0.26	< 0.5	15	252	45	2.65	< 10	< 1	0.04	10	1.57	260
AL L2W 325S	201 229	< 5	0.2	2.26	14	210	< 0.5	< 2	0.23	< 0.5	10	67	33	3.09	< 10	< 1	0.07	10	1.18	330
AL L2W 350S	201 229	< 5	0.2	2.14	8	130	< 0.5	< 2	0.33	< 0.5	14	133	35	2.36	< 10	< 1	0.03	10	1.50	245
AL L2W 375S	201 229	< 5	0.2	1.68	2	60	< 0.5	< 2	0.35	< 0.5	15	103	47	1.74	< 10	< 1	0.02	< 10	1.35	185
AL L2W 400S	201 229	< 5	0.2	1.40	2	80	< 0.5	< 2	0.25	< 0.5	7	68	13	1.71	< 10	< 1	0.03	10	0.86	150
AL L2W 425S	201 229	< 5	0.2	2.21	4	100	< 0.5	< 2	0.39	< 0.5	13	127	28	2.43	< 10	< 1	0.02	10	1.43	210
AL L2W 450S	201 229	< 5	< 0.2	2.22	2	70	< 0.5	< 2	0.37	< 0.5	16	151	42	2.63	< 10	< 1	0.01	10	1.73	260
AL L2W 475S	201 229	< 5	0.2	1.83	6	70	< 0.5	< 2	0.39	< 0.5	13	124	25	2.08	< 10	< 1	0.01	< 10	1.47	210
AL L2W 500S	201 229	< 5	0.4	2.80	2	90	< 0.5	< 2	0.48	< 0.5	17	214	25	2.78	< 10	< 1	0.02	10	2.22	265
AL L3W 000S	201 229	< 5	0.2	2.30	6	220	< 0.5	< 2	0.15	< 0.5	8	36	17	3.21	< 10	< 1	0.05	10	0.84	325
AL L3W 025S	201 229	< 5	1.0	1.95	6	200	< 0.5	< 2	0.14	< 0.5	9	37	23	2.95	10	< 1	0.05	10	0.60	325
AL L3W 050S	201 229	< 5	0.2	2.23	14	180	< 0.5	< 2	0.12	< 0.5	7	36	14	3.42	10	< 1	0.06	10	0.71	275
AL L3W 075S	201 229	< 5	0.2	2.06	8	230	< 0.5	< 2	0.18	< 0.5	11	31	13	3.04	10	< 1	0.05	10	0.76	445
AL L3W 100S	201 229	< 5	0.2	2.09	10	130	< 0.5	< 2	0.30	< 0.5	12	36	22	3.39	10	< 1	0.04	10	1.37	690
AL L3W 125S	201 229	< 5	0.6	1.97	14	200	< 0.5	< 2	0.21	< 0.5	9	31	14	3.22	10	< 1	0.07	10	0.96	365
AL L3W 150S	201 229	< 5	0.2	2.03	8	180	< 0.5	< 2	0.22	< 0.5	10	31	14	3.13	10	< 1	0.05	10	0.82	480
AL L3W 175S	201 229	< 5	0.2	2.05	6	200	< 0.5	< 2	0.22	< 0.5	9	33	14	3.12	10	< 1	0.06	10	0.96	355
AL L3W 200S	201 229	< 5	< 0.2	2.83	16	70	< 0.5	< 2	0.20	< 0.5	11	44	30	4.60	10	< 1	0.07	10	1.83	485
AL L3W 225S	201 229	< 5	< 0.2	2.54	14	90	< 0.5	< 2	0.20	< 0.5	9	39	22	3.97	10	< 1	0.06	10	1.63	440
AL L3W 250S	201 229	< 5	0.8	1.83	< 2	300	0.5	< 2	0.25	< 0.5	8	28	34	2.72	10	< 1	0.07	20	0.65	325
AL L3W 275S	201 229	< 5	0.2	1.94	6	130	< 0.5	< 2	0.18	< 0.5	8	38	16	3.00	10	< 1	0.07	10	0.98	295
AL L3W 300S	201 229	< 5	0.2	2.05	2	130	< 0.5	< 2	0.25	< 0.5	11	67	29	3.28	10	< 1	0.06	10	1.27	360
AL L4W 000S	201 229	< 5	0.6	2.73	12	150	< 0.5	< 2	0.14	< 0.5	12	34	25	4.21	10	< 1	0.04	10	1.71	590
AL L4W 025S	201 229	< 5	0.8	2.27	22	170	< 0.5	< 2	0.12	< 0.5	12	32	15	3.82	10	< 1	0.06	10	1.05	645
AL L4W 050S	201 229	< 5	0.6	2.19	12	170	< 0.5	< 2	0.15	< 0.5	9	27	18	3.61	10	< 1	0.06	10	1.16	570
AL L4W 075S	201 229	< 5	< 0.2	2.22	18	110	< 0.5	< 2	0.11	< 0.5	8	29	20	3.53	< 10	< 1	0.03	10	1.37	400
AL L4W 100S	201 229	< 5	0.6	1.53	6	200	< 0.5	< 2	0.21	< 0.5	5	24	11	2.55	< 10	< 1	0.03	10	0.48	190
AL L4W 125S	201 229	< 5	0.4	2.07	8	210	< 0.5	< 2	0.14	< 0.5	10	32	19	3.07	< 10	< 1	0.04	10	0.72	370
AL L4W 150S	201 229	< 5	0.8	2.10	12	200	< 0.5	< 2	0.16	< 0.5	11	35	20	3.15	10	< 1	0.06	10	0.61	435
AL L4W 175S	201 229	< 5	0.2	2.40	6	160	< 0.5	< 2	0.28	< 0.5	11	39	38	3.74	10	< 1	0.05	20	1.39	495
AL L4W 200S	201 229	< 5	< 0.2	3.03	10	100	< 0.5	< 2	0.29	< 0.5	12	48	36	4.47	10	< 1	0.03	10	1.82	500
AL L4W 225S	201 229	< 5	0.6	2.34	< 2	190	< 0.5	< 2	0.20	< 0.5	9	35	15	3.43	10	< 1	0.05	10	0.93	410
AL L4W 250S	201 229	< 5	0.4	2.17	8	270	< 0.5	< 2	0.21	< 0.5	8	32	23	3.00	10	< 1	0.05	10	0.73	350
AL L4W 275S	201 229	< 5	0.2	2.71	6	220	< 0.5	< 2	0.20	< 0.5	9	38	20	3.57	10	< 1	0.05	10	0.94	400

CERTIFICATION:

Robert Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

HASTINGS MANAGEMENT CORP. ##

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Page Number : 2-B
Total Pages : 5
Certificate Date: 27-JUL-95
Invoice No. : I9522378
P.O. Number :
Account : JCL

Project :
Comments : ATTN: PHIL SOUTHAM CC: ALLEN WHALEY

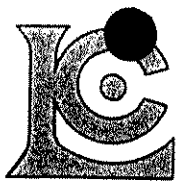
CERTIFICATE OF ANALYSIS

A9522378

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
AL L2W 150S	201 229	< 1 < 0.01		13	290	8	< 2	8	11	0.12	< 10	< 10	76	< 10	80
AL L2W 175S	201 229	< 1 < 0.01		12	340	10	< 2	6	11	0.12	< 10	< 10	74	< 10	68
AL L2W 200S	201 229	< 1 < 0.01		15	490	2	< 2	4	12	0.08	< 10	< 10	66	< 10	92
AL L2W 225S	201 229	< 1 < 0.01		23	450	6	< 2	6	11	0.10	< 10	< 10	70	< 10	100
AL L2W 250S	201 229	< 1 < 0.01		17	330	6	< 2	6	12	0.11	< 10	< 10	72	< 10	84
AL L2W 275S	201 229	< 1 < 0.01		17	260	6	< 2	4	12	0.10	< 10	< 10	57	< 10	66
AL L2W 300S	201 229	< 1 < 0.01		112	190	2	< 2	3	14	0.11	< 10	< 10	45	< 10	60
AL L2W 325S	201 229	< 1 < 0.01		36	140	4	2	6	16	0.10	< 10	< 10	60	< 10	70
AL L2W 350S	201 229	< 1 < 0.01		61	90	4	< 2	4	13	0.13	< 10	< 10	44	< 10	48
AL L2W 375S	201 229	< 1 < 0.01		59	90	< 2	< 2	2	12	0.14	< 10	< 10	27	< 10	34
AL L2W 400S	201 229	< 1 < 0.01		27	120	2	< 2	2	12	0.12	< 10	< 10	40	< 10	38
AL L2W 425S	201 229	< 1 < 0.01		53	120	4	< 2	4	13	0.20	< 10	< 10	50	< 10	46
AL L2W 450S	201 229	< 1 < 0.01		67	110	< 2	< 2	4	11	0.21	< 10	< 10	56	< 10	46
AL L2W 475S	201 229	< 1 < 0.01		55	200	2	< 2	3	13	0.20	< 10	< 10	39	< 10	38
AL L2W 500S	201 229	1 < 0.01		94	200	2	< 2	6	19	0.17	< 10	< 10	61	< 10	48
AL L3W 000S	201 229	1 < 0.01		18	260	10	< 2	4	12	0.08	< 10	< 10	61	< 10	68
AL L3W 025S	201 229	< 1 < 0.01		20	240	12	< 2	4	13	0.08	< 10	< 10	59	< 10	52
AL L3W 050S	201 229	< 1 < 0.01		16	430	10	< 2	4	10	0.06	< 10	< 10	74	< 10	74
AL L3W 075S	201 229	< 1 < 0.01		17	390	12	< 2	4	12	0.06	< 10	< 10	57	< 10	66
AL L3W 100S	201 229	< 1 < 0.01		18	1110	8	< 2	4	13	0.04	< 10	< 10	61	< 10	94
AL L3W 125S	201 229	< 1 < 0.01		16	660	10	< 2	4	12	0.06	< 10	< 10	64	< 10	88
AL L3W 150S	201 229	1 < 0.01		15	840	14	< 2	4	12	0.04	< 10	< 10	60	< 10	88
AL L3W 175S	201 229	< 1 < 0.01		17	540	10	< 2	4	13	0.06	< 10	< 10	66	< 10	82
AL L3W 200S	201 229	< 1 < 0.01		20	620	10	< 2	6	10	0.02	< 10	< 10	74	< 10	130
AL L3W 225S	201 229	< 1 < 0.01		20	320	8	< 2	5	11	0.04	< 10	< 10	68	< 10	110
AL L3W 250S	201 229	< 1 < 0.02		16	920	18	< 2	5	22	0.06	< 10	< 10	49	< 10	62
AL L3W 275S	201 229	< 1 < 0.01		16	340	14	< 2	4	14	0.07	< 10	< 10	62	< 10	82
AL L3W 300S	201 229	< 1 < 0.01		30	360	16	< 2	4	15	0.13	< 10	< 10	67	< 10	76
AL L4W 000S	201 229	< 1 < 0.01		21	490	28	< 2	5	9	0.03	< 10	< 10	75	< 10	136
AL L4W 025S	201 229	1 < 0.01		14	460	18	< 2	4	10	0.06	< 10	< 10	79	< 10	92
AL L4W 050S	201 229	1 < 0.01		12	460	22	< 2	4	10	0.04	< 10	< 10	71	< 10	102
AL L4W 075S	201 229	< 1 < 0.01		17	300	16	< 2	4	7	0.04	< 10	< 10	57	< 10	108
AL L4W 100S	201 229	< 1 < 0.01		13	250	14	< 2	3	19	0.07	< 10	< 10	61	< 10	56
AL L4W 125S	201 229	< 1 < 0.01		20	380	14	< 2	4	12	0.07	< 10	< 10	56	< 10	72
AL L4W 150S	201 229	1 < 0.01		20	600	18	< 2	4	13	0.07	< 10	< 10	66	< 10	82
AL L4W 175S	201 229	< 1 < 0.01		22	450	20	< 2	6	16	0.05	< 10	< 10	84	< 10	120
AL L4W 200S	201 229	< 1 < 0.01		26	350	18	< 2	7	14	0.05	< 10	< 10	81	< 10	144
AL L4W 225S	201 229	< 1 < 0.01		16	320	16	< 2	5	15	0.07	< 10	< 10	78	< 10	100
AL L4W 250S	201 229	< 1 < 0.01		19	460	14	< 2	4	17	0.06	< 10	< 10	72	< 10	78
AL L4W 275S	201 229	< 1 < 0.01		17	210	14	< 2	7	16	0.07	< 10	< 10	90	< 10	92

CERTIFICATION:

Handwritten signature



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

Client: HASTINGS MANAGEMENT CORP.

##

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Page Number : 3-A
Total Pages : 5
Certificate Date : 27-JUL-95
Invoice No. : 19522378
P.O. Number :
Account : JCL

Project :
Comments : ATTN: PHIL SOUTHAM CC: ALLEN WHALEY

CERTIFICATE OF ANALYSIS A9522378

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
AL LAW 300S	201 229	< 5	< 0.2	2.43	6	190	< 0.5	< 2	0.19	< 0.5	9	35	18	3.77	10	< 1	0.08	10	0.99	425
HILL LOW 000N	201 229	< 5	< 0.2	2.15	26	340	< 0.5	< 2	0.47	< 0.5	18	174	31	3.28	10	< 1	0.06	20	1.31	865
HILL LOW 025N	201 229	< 5	< 0.2	3.52	66	270	< 0.5	< 2	0.56	< 0.5	29	457	52	5.47	10	< 1	0.04	10	3.24	1080
HILL LOW 050N	201 229	< 5	< 0.2	2.54	26	320	< 0.5	< 2	0.54	< 0.5	21	262	43	3.95	10	< 1	0.10	20	2.07	540
HILL LOW 075N	201 229	< 5	< 0.2	2.07	18	430	< 0.5	< 2	1.65	< 0.5	16	205	40	3.19	10	< 1	0.06	10	1.56	545
HILL LOW 100N	201 229	< 5	< 0.2	2.06	6	270	< 0.5	< 2	0.53	< 0.5	14	160	25	3.12	10	< 1	0.03	10	1.39	360
HILL LOW 125N	201 229	< 5	< 0.2	1.93	4	270	< 0.5	< 2	0.90	< 0.5	16	167	26	3.03	10	< 1	0.03	10	1.27	440
HILL LOW 150N	201 229	< 5	< 0.2	0.56	< 2	340	< 0.5	< 2	3.78	0.5	6	37	26	0.89	< 10	< 1	0.02	< 10	0.46	735
HILL LOW 175N	201 229	< 5	< 0.2	2.36	16	260	< 0.5	< 2	1.34	< 0.5	17	147	51	3.90	10	< 1	0.07	10	1.77	700
HILL LOW 200N	201 229	< 5	< 0.2	1.37	2	320	< 0.5	< 2	2.61	< 0.5	10	93	29	2.23	< 10	< 1	0.03	< 10	0.92	515
HILL LOW 225N	201 229	< 5	< 0.2	1.57	10	330	< 0.5	< 2	1.33	< 0.5	14	115	43	3.16	< 10	< 1	0.04	10	0.97	620
HILL LOW 250N	201 229	< 5	< 0.2	1.64	4	350	< 0.5	< 2	1.26	< 0.5	12	60	40	3.13	< 10	< 1	0.03	10	0.82	495
HILL LOW 275N	201 229	< 5	< 0.2	0.76	2	420	< 0.5	< 2	4.12	< 0.5	7	27	63	1.38	< 10	< 1	0.02	< 10	0.45	1725
HILL LOW 300N	201 229	< 5	< 0.2	1.64	4	280	< 0.5	< 2	1.20	< 0.5	16	73	54	3.31	< 10	< 1	0.02	10	1.05	1145
HILL LOW 325N	201 229	< 5	< 0.2	1.46	6	160	< 0.5	2	1.05	< 0.5	15	81	47	3.68	10	< 1	0.04	10	1.00	455
HILL LOW 350N	201 229	< 5	< 0.2	1.90	< 2	310	< 0.5	< 2	2.54	< 0.5	18	90	109	4.05	10	< 1	0.03	< 10	1.23	950
HILL LOW 375N	201 229	< 5	< 0.2	1.81	< 2	220	< 0.5	< 2	2.59	< 0.5	17	90	114	3.72	10	< 1	0.02	< 10	1.15	865
HILL LOW 400N	201 229	< 5	< 0.2	1.65	2	140	< 0.5	< 2	2.77	< 0.5	14	56	100	3.07	10	< 1	0.03	< 10	1.04	660
HILL LOW 425N	201 229	< 5	< 0.2	2.12	< 2	120	< 0.5	< 2	1.37	< 0.5	18	110	85	3.54	10	< 1	0.02	10	1.64	670
HILL LOW 450N	201 229	< 5	< 0.2	2.29	< 2	130	< 0.5	< 2	1.21	< 0.5	19	24	97	4.54	10	< 1	0.03	10	1.37	935
HILL LOW 475N	201 229	< 5	0.2	1.98	6	180	< 0.5	< 2	1.70	< 0.5	14	70	102	3.37	10	< 1	0.02	10	1.28	520
HILL LOW 500N	201 229	< 5	0.2	2.09	12	220	< 0.5	< 2	1.06	< 0.5	15	66	70	3.48	< 10	< 1	0.02	10	1.22	845
HILL L1W 000N	201 229	< 5	0.4	2.22	12	270	< 0.5	< 2	0.31	< 0.5	19	193	38	4.14	< 10	< 1	0.03	10	1.34	805
HILL L1W 025N	201 229	< 5	0.2	2.06	2	160	< 0.5	< 2	0.29	< 0.5	13	105	23	3.34	< 10	< 1	0.03	10	1.16	275
HILL L1W 050N	201 229	< 5	0.2	2.91	8	350	< 0.5	< 2	0.55	< 0.5	21	196	45	4.43	10	< 1	0.03	20	2.11	980
HILL L1W 075N	201 229	< 5	0.2	1.92	6	340	< 0.5	< 2	0.67	< 0.5	15	103	38	3.57	10	< 1	0.04	20	0.99	485
HILL L1W 100N	201 229	< 5	0.2	1.41	4	310	< 0.5	< 2	0.98	< 0.5	9	72	23	2.58	< 10	< 1	0.04	10	0.75	295
HILL L1W 125N	201 229	< 5	0.2	1.76	8	350	< 0.5	2	0.98	< 0.5	12	64	33	3.34	< 10	< 1	0.05	10	0.77	480
HILL L1W 150N	201 229	< 5	0.2	1.82	4	370	< 0.5	< 2	1.27	< 0.5	13	46	47	3.50	< 10	< 1	0.03	10	0.91	460
HILL L1W 175N	201 229	< 5	< 0.2	1.48	< 2	460	< 0.5	< 2	2.24	< 0.5	11	25	69	2.84	< 10	< 1	0.03	< 10	0.74	1195
HILL L1W 200N	201 229	< 5	< 0.2	1.88	6	320	< 0.5	< 2	1.22	< 0.5	15	22	77	3.43	10	< 1	0.03	10	1.03	995
HILL L1W 225N	201 229	< 5	< 0.2	2.16	8	380	< 0.5	< 2	1.72	< 0.5	17	48	118	4.29	10	< 1	0.03	10	1.16	1020
HILL L1W 250N	201 229	< 5	< 0.2	1.77	< 2	250	< 0.5	< 2	1.89	< 0.5	14	24	93	3.43	< 10	< 1	0.04	< 10	1.05	700
HILL L1W 275N	201 229	< 5	< 0.2	1.49	6	370	< 0.5	< 2	2.13	< 0.5	13	22	82	3.31	< 10	< 1	0.02	< 10	0.82	655
HILL L1W 300N	201 229	< 5	< 0.2	2.10	< 2	270	< 0.5	< 2	1.32	< 0.5	19	55	94	4.54	10	< 1	0.02	10	1.32	1015
HILL L1W 325N	201 229	< 5	< 0.2	1.40	2	360	< 0.5	< 2	3.03	< 0.5	12	34	104	2.88	< 10	< 1	0.02	< 10	0.84	745
HILL L1W 350N	201 229	< 5	< 0.2	1.85	< 2	150	< 0.5	< 2	0.98	< 0.5	17	22	107	4.32	10	< 1	0.02	10	1.07	935
HILL L1W 375N	201 229	< 5	< 0.2	1.85	< 2	170	< 0.5	< 2	1.22	< 0.5	15	13	89	3.78	10	< 1	0.01	10	1.01	790
HILL L1W 400N	201 229	< 5	< 0.2	2.80	< 2	160	< 0.5	< 2	0.65	< 0.5	22	14	114	5.72	10	< 1	0.01	10	1.48	810
HILL L1W 425N	201 229	< 5	< 0.2	2.14	8	260	< 0.5	< 2	1.34	< 0.5	17	16	118	4.46	10	< 1	0.02	10	1.09	965

CERTIFICATION: *Hart Beshler*



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

HASTINGS MANAGEMENT CORP.
 1000 - 675 W. HASTINGS
 VANCOUVER, BC
 V6B 1N6

##

Page Number : 3-B
 Total Pages : 5
 Certificate Date: 27-JUL-95
 Invoice No. : 19522378
 P.O. Number :
 Account : JCL

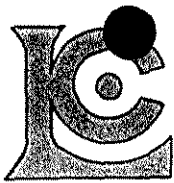
Project :
 Comments: ATTN: PHIL SOUTHAM CC: ALLEN WHALEY

CERTIFICATE OF ANALYSIS A9522378

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
AL L4W 300S	201 229	1	< 0.01	17	290	12	< 2	6	16	0.06	< 10	< 10	91	< 10	84
HILL LOW 000N	201 229	< 1	< 0.01	103	570	6	< 2	11	25	0.07	< 10	< 10	75	< 10	70
HILL LOW 025N	201 229	< 1	< 0.01	253	720	6	< 2	21	24	0.08	< 10	< 10	150	20	114
HILL LOW 050N	201 229	< 1	0.01	149	710	6	< 2	14	25	0.11	< 10	< 10	99	10	82
HILL LOW 075N	201 229	< 1	0.01	128	640	8	< 2	11	59	0.06	< 10	< 10	75	10	94
HILL LOW 100N	201 229	< 1	0.01	79	540	8	< 2	9	24	0.09	< 10	< 10	75	< 10	66
HILL LOW 125N	201 229	< 1	0.01	72	450	6	< 2	8	34	0.07	< 10	< 10	72	10	68
HILL LOW 150N	201 229	1	0.01	33	750	2	2	2	103	0.01	< 10	< 10	19	< 10	84
HILL LOW 175N	201 229	< 1	< 0.01	81	980	6	< 2	14	36	0.06	< 10	< 10	96	10	88
HILL LOW 200N	201 229	< 1	0.01	64	910	4	< 2	6	69	0.02	< 10	< 10	45	< 10	76
HILL LOW 225N	201 229	< 1	0.01	89	750	4	< 2	9	40	0.03	< 10	< 10	62	10	102
HILL LOW 250N	201 229	< 1	0.01	39	850	6	< 2	8	41	0.03	< 10	< 10	70	< 10	92
HILL LOW 275N	201 229	< 1	0.01	32	820	< 2	< 2	3	104	0.02	< 10	< 10	37	< 10	88
HILL LOW 300N	201 229	< 1	< 0.01	48	950	< 2	< 2	8	35	0.03	< 10	< 10	83	< 10	74
HILL LOW 325N	201 229	< 1	< 0.01	49	1100	2	< 2	9	28	0.03	< 10	< 10	96	10	66
HILL LOW 350N	201 229	< 1	0.01	65	800	4	2	15	64	0.02	< 10	< 10	94	10	86
HILL LOW 375N	201 229	< 1	< 0.01	56	710	< 2	< 2	12	65	0.01	< 10	< 10	82	10	86
HILL LOW 400N	201 229	< 1	0.01	32	730	2	< 2	10	66	0.02	< 10	< 10	75	10	80
HILL LOW 425N	201 229	< 1	< 0.01	56	660	< 2	< 2	10	35	0.09	< 10	< 10	82	10	68
HILL LOW 450N	201 229	< 1	< 0.01	19	620	2	< 2	11	33	0.02	< 10	< 10	105	10	86
HILL LOW 475N	201 229	< 1	0.01	32	770	2	2	10	37	0.04	< 10	< 10	79	10	68
HILL LOW 500N	201 229	< 1	0.01	32	460	6	< 2	8	32	0.04	< 10	< 10	76	< 10	62
HILL L1W 000N	201 229	< 1	< 0.01	103	400	2	< 2	10	15	0.05	< 10	< 10	82	< 10	76
HILL L1W 025N	201 229	< 1	< 0.01	57	360	4	< 2	7	13	0.10	< 10	< 10	80	< 10	64
HILL L1W 050N	201 229	< 1	0.01	107	510	4	< 2	14	23	0.08	< 10	< 10	103	10	94
HILL L1W 075N	201 229	< 1	0.01	69	630	6	< 2	10	26	0.07	< 10	< 10	78	< 10	82
HILL L1W 100N	201 229	< 1	0.01	46	570	4	< 2	6	32	0.05	< 10	< 10	58	< 10	92
HILL L1W 125N	201 229	< 1	0.01	40	720	4	< 2	8	34	0.06	< 10	< 10	73	< 10	96
HILL L1W 150N	201 229	< 1	0.01	28	760	4	< 2	9	38	0.05	< 10	< 10	82	< 10	84
HILL L1W 175N	201 229	< 1	0.01	20	890	4	< 2	6	58	0.03	< 10	< 10	65	< 10	100
HILL L1W 200N	201 229	< 1	< 0.01	19	750	2	< 2	8	38	0.04	< 10	< 10	91	10	82
HILL L1W 225N	201 229	< 1	0.01	35	920	8	2	13	42	0.02	< 10	< 10	100	10	98
HILL L1W 250N	201 229	< 1	< 0.01	19	800	2	< 2	9	54	0.02	< 10	< 10	89	< 10	78
HILL L1W 275N	201 229	< 1	< 0.01	18	850	2	< 2	9	56	0.02	< 10	< 10	75	< 10	88
HILL L1W 300N	201 229	< 1	< 0.01	39	580	6	< 2	13	42	0.03	< 10	< 10	102	10	84
HILL L1W 325N	201 229	< 1	0.01	27	800	4	< 2	10	84	0.01	< 10	< 10	64	< 10	80
HILL L1W 350N	201 229	< 1	< 0.01	21	700	< 2	< 2	12	34	0.02	< 10	< 10	95	< 10	80
HILL L1W 375N	201 229	< 1	< 0.01	12	570	4	< 2	10	37	0.02	< 10	< 10	96	< 10	66
HILL L1W 400N	201 229	< 1	< 0.01	16	690	2	< 2	15	22	0.02	< 10	< 10	139	10	92
HILL L1W 425N	201 229	< 1	< 0.01	18	870	4	< 2	12	42	0.02	< 10	< 10	105	10	90

CERTIFICATION:

Hart Buchler



Cnemex 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

HASTINGS MANAGEMENT CORP.

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Project :
Comments: ATTN: PHIL SOUTHAM CC: ALLEN WHALEY

##

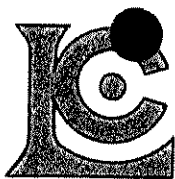
Page Number : 4-A
Total Pages : 5
Certificate Date: 27-JUL-95
Invoice No. : I9522378
P.O. Number :
Account : JCL

CERTIFICATE OF ANALYSIS A9522378

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
HILL L1W 450N	201 229	< 5	< 0.2	2.08	< 2	210	< 0.5	< 2	0.78	< 0.5	16	16	78	4.13	10	< 1	0.02	10	1.02	655
HILL L1W 475N	201 229	< 5	< 0.2	1.77	6	390	< 0.5	< 2	3.69	< 0.5	13	15	147	3.13	10	< 1	0.02	< 10	0.82	790
HILL L1W 500N	201 229	< 5	< 0.2	1.54	2	170	< 0.5	< 2	0.68	< 0.5	14	13	107	3.40	< 10	< 1	0.03	10	0.81	555
HILL L2W 000N	201 229	< 5	< 0.2	2.18	14	620	< 0.5	< 2	0.76	< 0.5	24	65	56	3.52	10	< 1	0.03	10	0.85	2220
HILL L2W 025N	201 229	< 5	< 0.2	1.69	< 2	400	< 0.5	< 2	0.59	< 0.5	14	22	79	3.75	< 10	< 1	0.08	10	0.80	600
HILL L2W 050N	201 229	< 5	< 0.2	1.69	8	420	< 0.5	< 2	0.79	< 0.5	13	31	57	3.44	< 10	< 1	0.04	10	0.74	545
HILL L2W 075N	201 229	< 5	< 0.2	2.06	8	570	< 0.5	< 2	0.94	< 0.5	17	37	90	4.73	10	< 1	0.04	10	0.99	1555
HILL L2W 100N	201 229	< 5	< 0.2	1.79	8	410	< 0.5	< 2	1.11	< 0.5	13	21	78	3.63	10	< 1	0.04	10	0.89	520
HILL L2W 125N	201 229	< 5	< 0.2	1.88	6	440	< 0.5	2	1.81	< 0.5	13	29	73	3.24	10	< 1	0.05	10	0.91	460
HILL L2W 150N	201 229	< 5	< 0.2	2.08	8	430	< 0.5	< 2	1.08	< 0.5	16	43	89	4.11	10	< 1	0.03	10	1.00	655
HILL L2W 175N	201 229	< 5	< 0.2	1.90	16	380	< 0.5	< 2	1.34	< 0.5	14	52	79	3.66	10	< 1	0.03	10	1.09	640
HILL L2W 200N	201 229	< 5	< 0.2	1.91	6	320	< 0.5	2	0.44	< 0.5	16	49	78	3.76	10	< 1	0.02	10	1.06	670
HILL L2W 225N	201 229	< 5	< 0.2	2.21	2	470	< 0.5	< 2	1.19	< 0.5	16	68	81	3.92	10	< 1	0.04	10	1.31	780
HILL L2W 250N	201 229	< 5	< 0.2	1.66	8	710	< 0.5	< 2	1.37	< 0.5	13	39	84	3.16	10	< 1	0.04	10	0.85	680
HILL L2W 275N	201 229	< 5	< 0.2	1.81	6	580	< 0.5	< 2	2.32	< 0.5	16	70	112	3.58	10	< 1	0.03	< 10	1.09	675
HILL L2W 300N	201 229	< 5	< 0.2	1.43	2	660	< 0.5	< 2	3.41	< 0.5	14	76	60	2.44	< 10	< 1	0.03	< 10	1.06	670
HILL L2W 325N	201 229	< 5	< 0.2	1.98	2	330	< 0.5	2	1.10	< 0.5	19	54	113	4.44	10	< 1	0.02	10	1.16	870
HILL L2W 350N	201 229	< 5	< 0.2	1.86	4	520	< 0.5	2	1.05	< 0.5	15	27	92	3.51	10	< 1	0.04	10	0.90	925
HILL L2W 375N	201 229	< 5	< 0.2	2.14	< 2	240	< 0.5	< 2	0.34	< 0.5	18	17	83	4.10	10	< 1	0.03	10	1.11	800
HILL L2W 400N	201 229	< 5	< 0.2	1.97	< 2	290	< 0.5	< 2	0.44	< 0.5	14	16	51	3.74	10	< 1	0.03	10	0.88	325
HILL L2W 425N	201 229	< 5	< 0.2	2.09	< 2	240	< 0.5	< 2	1.22	< 0.5	17	13	174	4.01	10	< 1	0.02	10	1.18	890
HILL L2W 450N	201 229	< 5	< 0.2	2.02	2	380	< 0.5	< 2	0.46	< 0.5	16	19	100	3.83	10	< 1	0.05	10	0.93	995
HILL L2W 475N	201 229	< 5	< 0.2	1.88	< 2	260	< 0.5	2	0.59	< 0.5	13	16	65	3.57	10	< 1	0.03	10	0.82	540
HILL L2W 500N	201 229	< 5	< 0.2	1.85	< 2	110	< 0.5	< 2	0.32	< 0.5	13	10	57	3.18	< 10	< 1	0.01	< 10	1.23	275
HILL L3W 000N	201 229	< 5	< 0.2	1.58	< 2	640	< 0.5	< 2	0.54	< 0.5	14	25	64	3.57	10	< 1	0.03	10	0.65	765
HILL L3W 025N	201 229	< 5	< 0.2	1.87	6	670	< 0.5	2	0.63	< 0.5	13	33	50	3.42	10	< 1	0.04	10	0.82	780
HILL L3W 050N	201 229	< 5	< 0.2	1.80	< 2	410	< 0.5	2	0.70	< 0.5	12	21	47	2.92	10	< 1	0.04	10	0.81	440
HILL L3W 075N	201 229	< 5	< 0.2	1.77	< 2	380	< 0.5	< 2	0.89	< 0.5	12	22	54	3.17	10	< 1	0.05	10	0.89	430
HILL L3W 100N	201 229	< 5	< 0.2	2.01	< 2	520	< 0.5	< 2	0.83	< 0.5	15	40	63	3.84	10	< 1	0.04	10	1.00	825
HILL L3W 125N	201 229	< 5	< 0.2	2.21	6	620	< 0.5	2	0.80	< 0.5	16	52	88	4.07	10	< 1	0.03	20	1.19	725
HILL L3W 150N	201 229	< 5	< 0.2	1.79	4	210	< 0.5	< 2	0.51	< 0.5	17	92	101	4.22	10	< 1	0.03	10	1.40	825
HILL L3W 175N	201 229	< 5	< 0.2	2.62	< 2	330	< 0.5	< 2	0.30	< 0.5	18	202	64	4.75	10	< 1	0.02	10	2.20	455
HILL L3W 200N	201 229	< 5	< 0.2	1.56	< 2	290	< 0.5	< 2	0.38	< 0.5	12	12	73	3.18	< 10	< 1	0.18	< 10	0.82	350
HILL L3W 225N	201 229	< 5	< 0.2	2.17	< 2	580	< 0.5	< 2	0.85	< 0.5	19	27	99	4.54	10	< 1	0.05	10	1.11	980
HILL L3W 250N	201 229	< 5	< 0.2	2.15	2	800	< 0.5	< 2	1.32	< 0.5	13	87	114	3.39	10	< 1	0.09	10	1.38	415
HILL L3W 275N	201 229	< 5	< 0.2	1.05	2	1020	< 0.5	< 2	3.47	0.5	7	57	65	1.22	< 10	< 1	0.01	< 10	0.73	855
HILL L3W 300N	201 229	< 5	< 0.2	0.90	8	910	< 0.5	< 2	4.38	< 0.5	7	50	70	1.16	< 10	< 1	0.02	< 10	0.56	900
HILL L3W 325N	201 229	< 5	< 0.2	2.63	< 2	650	< 0.5	< 2	1.67	< 0.5	18	229	54	3.56	10	< 1	0.04	10	2.36	560
HILL L3W 350N	201 229	< 5	< 0.2	1.90	6	450	< 0.5	< 2	0.49	< 0.5	21	115	87	4.93	10	< 1	0.04	20	1.40	1050
HILL L3W 375N	201 229	< 5	< 0.2	1.81	8	380	< 0.5	< 2	0.21	< 0.5	15	22	77	4.71	10	< 1	0.03	10	0.74	355

CERTIFICATION:

David Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

HASTINGS MANAGEMENT CORP.

##

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Page Number : 4-B
Total Pages : 5
Certificate Date: 27-JUL-95
Invoice No. : I9522378
P.O. Number :
Account : JCL

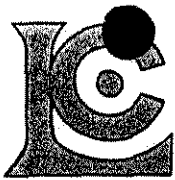
Project :
Comments : ATTN: PHIL SOUTHAM CC: ALLEN WHALEY

CERTIFICATE OF ANALYSIS

A9522378

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
HILL L1W 450N	201 229	< 1	< 0.01	12	480	2	< 2	9	27	0.03	< 10	< 10	94	< 10	72
HILL L1W 475N	201 229	< 1	< 0.01	13	870	< 2	< 2	10	89	0.03	< 10	< 10	68	10	86
HILL L1W 500N	201 229	< 1	< 0.01	12	750	2	< 2	9	23	0.03	< 10	< 10	84	< 10	66
HILL L2W 000N	201 229	< 1	< 0.01	48	630	8	< 2	10	29	0.05	< 10	< 10	76	< 10	82
HILL L2W 025N	201 229	< 1	< 0.01	20	1040	< 2	< 2	10	23	0.06	< 10	< 10	92	< 10	66
HILL L2W 050N	201 229	< 1	0.01	21	650	< 2	< 2	9	30	0.05	< 10	< 10	77	< 10	68
HILL L2W 075N	201 229	< 1	0.01	30	980	4	< 2	12	32	0.05	< 10	< 10	94	< 10	88
HILL L2W 100N	201 229	< 1	0.01	18	900	4	< 2	10	36	0.06	< 10	< 10	91	< 10	80
HILL L2W 125N	201 229	< 1	0.01	23	750	4	< 2	9	49	0.04	< 10	< 10	81	10	98
HILL L2W 150N	201 229	< 1	0.01	35	760	4	< 2	12	30	0.03	< 10	< 10	84	10	88
HILL L2W 175N	201 229	< 1	0.01	37	920	4	< 2	11	37	0.02	< 10	< 10	83	10	100
HILL L2W 200N	201 229	< 1	< 0.01	33	540	4	< 2	9	19	0.03	< 10	< 10	80	< 10	72
HILL L2W 225N	201 229	< 1	< 0.01	42	560	6	< 2	11	41	0.03	< 10	< 10	85	10	92
HILL L2W 250N	201 229	< 1	0.01	33	830	2	< 2	8	54	0.04	< 10	< 10	66	< 10	80
HILL L2W 275N	201 229	< 1	0.01	58	910	6	< 2	11	76	0.03	< 10	< 10	77	10	90
HILL L2W 300N	201 229	< 1	0.01	49	750	< 2	< 2	7	103	0.05	< 10	< 10	58	10	80
HILL L2W 325N	201 229	< 1	< 0.01	40	890	2	< 2	13	39	0.02	< 10	< 10	87	10	80
HILL L2W 350N	201 229	< 1	0.01	20	630	< 2	< 2	8	43	0.03	< 10	< 10	75	10	72
HILL L2W 375N	201 229	< 1	< 0.01	13	620	2	< 2	6	19	0.04	< 10	< 10	88	10	82
HILL L2W 400N	201 229	< 1	< 0.01	14	320	2	< 2	6	24	0.04	< 10	< 10	84	< 10	72
HILL L2W 425N	201 229	< 1	< 0.01	13	1050	6	< 2	13	41	0.01	< 10	< 10	87	10	98
HILL L2W 450N	201 229	< 1	< 0.01	13	520	< 2	< 2	10	21	0.03	< 10	< 10	81	< 10	76
HILL L2W 475N	201 229	< 1	< 0.01	12	520	2	< 2	8	22	0.02	< 10	< 10	78	< 10	66
HILL L2W 500N	201 229	< 1	< 0.01	8	460	< 2	< 2	4	15	0.04	< 10	< 10	92	< 10	68
HILL L3W 000N	201 229	< 1	< 0.01	18	960	4	< 2	11	22	0.03	< 10	< 10	77	10	60
HILL L3W 025N	201 229	< 1	0.01	23	570	8	< 2	7	24	0.04	< 10	< 10	73	< 10	74
HILL L3W 050N	201 229	< 1	0.01	14	350	4	< 2	7	25	0.06	< 10	< 10	74	< 10	70
HILL L3W 075N	201 229	< 1	0.01	16	580	2	< 2	8	32	0.06	< 10	< 10	82	< 10	68
HILL L3W 100N	201 229	< 1	0.01	30	710	2	< 2	10	28	0.03	< 10	< 10	75	10	82
HILL L3W 125N	201 229	< 1	0.01	41	660	4	< 2	13	24	0.03	< 10	< 10	84	10	88
HILL L3W 150N	201 229	< 1	< 0.01	62	1130	2	< 2	15	17	0.02	< 10	< 10	91	10	76
HILL L3W 175N	201 229	< 1	< 0.01	118	680	2	< 2	12	13	0.03	< 10	< 10	109	10	88
HILL L3W 200N	201 229	< 1	0.01	9	600	< 2	< 2	3	18	0.09	< 10	< 10	93	< 10	66
HILL L3W 225N	201 229	< 1	0.01	21	780	2	< 2	10	32	0.06	< 10	< 10	107	10	86
HILL L3W 250N	201 229	< 1	0.01	49	790	2	< 2	11	47	0.07	< 10	< 10	95	10	78
HILL L3W 275N	201 229	< 1	0.01	43	1160	2	2	2	108	0.02	< 10	< 10	30	< 10	68
HILL L3W 300N	201 229	< 1	0.01	48	1010	2	2	2	135	0.01	< 10	< 10	29	< 10	62
HILL L3W 325N	201 229	< 1	< 0.01	137	490	4	< 2	11	55	0.06	< 10	< 10	92	10	82
HILL L3W 350N	201 229	< 1	< 0.01	91	710	< 2	< 2	13	21	0.03	< 10	< 10	107	10	88
HILL L3W 375N	201 229	< 1	< 0.01	21	410	2	< 2	9	11	0.02	< 10	< 10	107	< 10	70

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: HASTINGS MANAGEMENT CORP. ##

1000 - 675 W. HASTINGS
VANCOUVER, BC
V6B 1N6

Page Number : 5-A
Total Pages : 5
Certificate Date: 27-JUL-95
Invoice No. : 19522378
P.O. Number :
Account : JCL

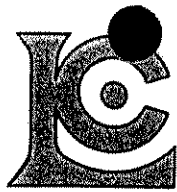
Project :
Comments: ATTN: PHIL SOUTHAM CC: ALLEN WHALEY

CERTIFICATE OF ANALYSIS A9522378

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
HILL L3W 400N	201 229	< 5	< 0.2	2.62	6	280	< 0.5	< 2	0.33	< 0.5	20	39	75	4.50	10	< 1	0.02	10	1.41	685
HILL L3W 425N	201 229	< 5	< 0.2	2.89	4	330	< 0.5	< 2	0.27	< 0.5	16	33	66	4.32	10	< 1	0.04	20	1.03	575
HILL L3W 450N	201 229	< 5	< 0.2	2.57	2	190	< 0.5	< 2	0.31	< 0.5	13	22	59	4.19	10	< 1	0.02	10	1.05	325
HILL L3W 475N	201 229	< 5	< 0.2	2.96	2	250	< 0.5	< 2	0.51	< 0.5	19	18	126	5.61	10	< 1	0.02	10	1.34	1080
HILL L3W 500N	201 229	< 5	< 0.2	2.08	6	110	< 0.5	< 2	0.18	< 0.5	11	22	49	3.63	10	< 1	0.05	10	0.81	295
HILL L4W 000N	201 229	< 5	< 0.2	2.02	4	220	< 0.5	< 2	0.26	< 0.5	17	22	142	3.77	10	< 1	0.04	10	1.23	585
HILL L4W 025N	201 229	< 5	< 0.2	1.60	2	360	< 0.5	< 2	0.33	< 0.5	15	22	99	4.23	< 10	< 1	0.04	10	0.57	390
HILL L4W 050N	201 229	< 5	< 0.2	2.08	8	400	< 0.5	< 2	0.30	< 0.5	11	29	72	3.43	10	< 1	0.03	10	1.11	305
HILL L4W 075N	201 229	< 5	< 0.2	1.65	2	290	< 0.5	< 2	0.18	< 0.5	14	20	67	3.19	< 10	< 1	0.02	< 10	1.03	605
HILL L4W 100N	201 229	< 5	< 0.2	1.84	2	370	< 0.5	< 2	0.31	< 0.5	12	21	45	3.36	10	< 1	0.03	10	0.90	380
HILL L4W 125N	201 229	< 5	< 0.2	1.82	2	340	< 0.5	< 2	0.18	< 0.5	12	20	44	3.40	10	< 1	0.04	10	0.89	400
HILL L4W 150N	201 229	< 5	< 0.2	1.80	4	330	< 0.5	< 2	0.27	< 0.5	11	24	60	3.23	< 10	< 1	0.05	10	0.68	235
HILL L4W 175N	201 229	< 5	< 0.2	1.59	8	460	< 0.5	< 2	0.47	< 0.5	11	21	58	3.70	10	< 1	0.05	10	0.71	360
HILL L4W 200N	201 229	< 5	< 0.2	1.72	< 2	330	< 0.5	< 2	0.45	< 0.5	13	15	47	3.29	10	< 1	0.03	10	0.86	255
HILL L4W 225N	201 229	< 5	0.4	2.37	< 2	180	< 0.5	< 2	0.26	< 0.5	12	15	39	3.74	10	< 1	0.02	10	1.18	260
HILL L4W 250N	201 229	< 5	0.4	2.38	4	240	< 0.5	< 2	0.37	< 0.5	14	18	58	3.78	< 10	< 1	0.03	10	1.18	350
HILL L4W 275N	201 229	< 5	0.4	2.45	< 2	120	< 0.5	< 2	0.25	< 0.5	14	12	36	4.17	10	< 1	0.02	< 10	1.50	285
HILL L4W 300N	201 229	< 5	0.4	2.82	< 2	260	< 0.5	< 2	0.48	< 0.5	18	32	124	5.98	10	< 1	0.31	10	1.57	535
HILL L4W 325N	201 229	< 5	0.4	2.58	< 2	210	< 0.5	< 2	0.23	< 0.5	13	46	53	4.19	< 10	< 1	0.06	10	1.20	305
HILL L4W 350N	201 229	< 5	0.4	2.74	< 2	340	< 0.5	< 2	0.42	< 0.5	27	28	138	5.26	< 10	< 1	0.42	< 10	1.87	740
HILL L4W 375N	201 229	< 5	0.2	1.95	6	330	< 0.5	< 2	0.23	< 0.5	13	24	79	3.65	< 10	< 1	0.14	10	0.95	665
HILL L4W 400N	201 229	< 5	0.2	1.96	< 2	190	< 0.5	< 2	0.20	< 0.5	11	44	48	3.24	< 10	< 1	0.07	10	1.01	410
HILL L4W 425N	201 229	< 5	0.2	2.22	8	200	< 0.5	< 2	0.19	< 0.5	12	124	32	3.59	10	< 1	0.05	10	1.48	335
HILL L4W 450N	201 229	< 5	0.2	2.39	10	160	< 0.5	< 2	0.19	< 0.5	11	172	23	3.60	10	< 1	0.03	10	1.87	230
HILL L4W 475N	201 229	< 5	0.2	2.24	8	260	< 0.5	< 2	0.17	< 0.5	12	30	35	3.92	< 10	< 1	0.03	10	0.63	275
HILL L4W 500N	201 229	< 5	0.2	1.26	2	200	< 0.5	< 2	0.17	< 0.5	9	19	14	2.51	< 10	< 1	0.03	10	0.48	355
BS-N SOIL	201 229	< 5	0.8	3.29	12	320	< 0.5	< 2	0.83	2.0	26	76	53	5.08	10	< 1	0.64	20	3.07	995
27PUP N SHEAR	201 229	< 5	0.4	3.53	68	60	< 0.5	< 2	0.36	< 0.5	4	37	28	5.13	10	< 1	0.08	20	3.20	500

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

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

HASTINGS MANAGEMENT CORP. ##

1000 - 675 W. HASTINGS
 VANCOUVER, BC
 V6B 1N6

Page Number : 5-B
 Total Pages : 5
 Certificate Date: 27-JUL-95
 Invoice No. : 19522378
 P.O. Number :
 Account : JCL

Project :
 Comments: ATTN: PHIL SOUTHAM CC: ALLEN WHALEY

CERTIFICATE OF ANALYSIS A9522378

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
HILL L3W 400N	201 229	< 1	< 0.01	26	640	2	< 2	13	16	0.02	< 10	< 10	106	< 10	72
HILL L3W 425N	201 229	< 1	< 0.01	22	190	8	< 2	12	18	0.06	< 10	< 10	103	< 10	74
HILL L3W 450N	201 229	< 1	< 0.01	17	220	4	2	7	18	0.04	< 10	< 10	98	< 10	80
HILL L3W 475N	201 229	< 1	< 0.01	15	820	6	< 2	15	18	0.01	< 10	< 10	135	10	110
HILL L3W 500N	201 229	< 1	< 0.01	12	290	6	< 2	4	16	0.07	< 10	< 10	85	< 10	64
HILL L4W 000N	201 229	< 1	< 0.01	17	780	2	< 2	15	13	0.03	< 10	< 10	109	< 10	86
HILL L4W 025N	201 229	< 1	< 0.01	17	860	4	< 2	10	14	0.03	< 10	< 10	81	< 10	68
HILL L4W 050N	201 229	< 1	< 0.01	22	730	2	< 2	8	16	0.04	< 10	< 10	86	< 10	66
HILL L4W 075N	201 229	< 1	< 0.01	15	450	2	< 2	10	12	0.04	< 10	< 10	91	< 10	66
HILL L4W 100N	201 229	< 1	< 0.01	13	260	2	< 2	8	14	0.03	< 10	< 10	88	< 10	66
HILL L4W 125N	201 229	< 1	< 0.01	12	300	6	< 2	8	13	0.04	< 10	< 10	98	< 10	68
HILL L4W 150N	201 229	< 1	< 0.01	16	500	4	< 2	7	18	0.04	< 10	< 10	73	< 10	60
HILL L4W 175N	201 229	< 1	< 0.01	15	970	2	< 2	8	20	0.02	< 10	< 10	92	< 10	68
HILL L4W 200N	201 229	< 1	< 0.01	12	360	4	< 2	6	25	0.04	< 10	< 10	85	< 10	62
HILL L4W 225N	201 229	< 1	< 0.01	12	280	2	< 2	5	20	0.04	< 10	< 10	91	< 10	74
HILL L4W 250N	201 229	< 1	< 0.01	13	560	6	< 2	4	23	0.05	< 10	< 10	81	< 10	74
HILL L4W 275N	201 229	< 1	< 0.01	11	210	< 2	< 2	6	21	0.06	< 10	< 10	115	< 10	74
HILL L4W 300N	201 229	1	< 0.01	18	600	< 2	< 2	13	23	0.07	< 10	< 10	192	< 10	92
HILL L4W 325N	201 229	1	< 0.01	22	140	4	< 2	7	16	0.10	< 10	< 10	110	< 10	58
HILL L4W 350N	201 229	< 1	< 0.01	22	510	< 2	< 2	4	19	0.26	< 10	< 10	132	< 10	90
HILL L4W 375N	201 229	< 1	< 0.01	15	530	4	< 2	7	16	0.06	< 10	< 10	70	< 10	66
HILL L4W 400N	201 229	< 1	< 0.01	28	460	2	< 2	4	16	0.08	< 10	< 10	60	< 10	66
HILL L4W 425N	201 229	< 1	< 0.01	76	380	6	< 2	9	15	0.10	< 10	< 10	98	< 10	60
HILL L4W 450N	201 229	< 1	< 0.01	85	320	8	< 2	8	12	0.06	< 10	< 10	101	< 10	64
HILL L4W 475N	201 229	< 1	< 0.01	18	190	8	< 2	6	14	0.06	< 10	< 10	76	< 10	58
HILL L4W 500N	201 229	< 1	< 0.01	10	160	6	< 2	4	13	0.05	< 10	< 10	70	< 10	44
BS-N SOIL	201 229	1	0.01	63	1240	26	< 2	15	36	0.15	< 10	< 10	111	< 10	238
27PUP N SHEAR	201 229	1	< 0.01	16	1260	24	< 2	4	42	< 0.01	< 10	< 10	55	< 10	164

CERTIFICATION:

Handwritten signature

