

MAP NO.: ASSESSMENT REPORT X
115 O 16 PROSPECTUS
116 B 01 CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 093044
MINING DISTRICT: Dawson
TYPE OF WORK: Chip & Soil
Geochemical Survey

REPORT FILED UNDER: Lisle W. Gatenby

DATE PERFORMED: August 15 & 20 1991.

DATE FILED: September 1, 1992

LOCATION: LAT.: 64°00'N

AREA: Brewery Creek Area.

LONG.: 138°12'W

VALUE \$: 1,600.00

CLAIM NAME & NO.: LINZ 1 - 4 YB39979 - YB39982,
LINZ 11 - 14 YB39983 - YB39986.

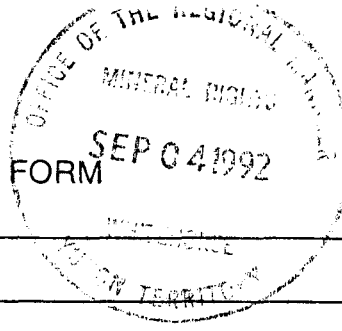
WORK DONE BY: Lisle W. Gatenby.

WORK DONE FOR: Gatenby Mining Services Ltd.\Balner Ent. Ltd.

DATE TO GOOD STANDING:

REMARKS: # 115 O - 116 B - Brewery Creek Area
A total of 10 chip and 34 soil samples were collected on two claims. The samples were assayed for gold. Two soil sample sites returned anomalous gold values but results are not statistically significant due to small sample size. An expanded sampling program was recommended.

* DO NOT SUMMARIZE FOR MINFILE WITHOUT WRITTEN
PERMISSION OF OWNER !



TRANSMITTAL FORM


M.R. file no.	QA09112
R.M.M.R. file no.	
Date forwarded	1 SEPT 92

From Mining Recorder at: **DAWSON**

To Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

<input type="checkbox"/> NEW APPLICATION FOR PLACER LEASE TO PROSPECT	Name	
<input type="checkbox"/> RENEWAL APPLICATION PLACER LEASE TO PROSPECT	Name	Lease no.
<input type="checkbox"/> AFFIDAVIT OF EXPENDITURE ON PLACER LEASE	Name	Lease no.
<input type="checkbox"/> SECURITY DEPOSIT		
<input type="checkbox"/> FINANCIAL ABILITY		
<input type="checkbox"/> ASSIGNMENT OF PLACER LEASE NO.	From	To
<input type="checkbox"/> GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT.	Owner	
<input type="checkbox"/> DIAMOND DRILL LOGS	Claims	Claim sheet no.
<input checked="" type="checkbox"/> QUARTZ ASSESSMENT REPORT	Claims LINZ 1-4, LINZ 11-14	Claim sheet no. 1150.16/116B.01
	Type of report CHIP + SOIL Survey	Submitted by LISLE B. GATENBY
	Cls. work performed on	\$ req. for ren. application 1600 ⁰⁰


Signature

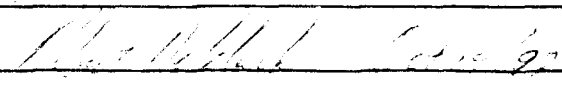
REPLY ACTION

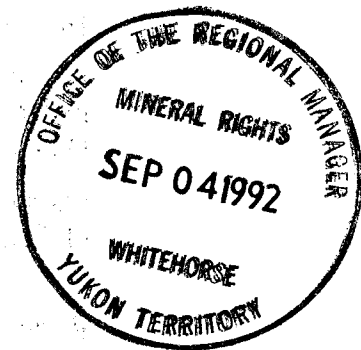
Date returned

ROLAND/Rob DeKlerk. INTERPETATION HAS NOT BEEN PROVIDED, However. ASSAY Results have been made available

COST SUMMARY DOES NOT INCLUDE Geologists wages etc. for interpret interpreting data. Can we consider assay results as self explanatory? (The total amount claimed as value is 1611.08)

Report Approved for amount requested. A letter has been sent to Mr. Gatenby. The report meets the case MIP 11/11/92 of requirements.


Signature



**CHIP AND SOIL SURVEY
LINZ CLAIMS
YUKON
1991**

(Long. 138° 12', Lat. 64° 00' 30")

by
Lisle W. Gatenby
Mining Geophysicist



093044

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 1,600.00.

Robert Debluk

for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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Linz Claims Report

Introduction

Chip and soil surveys were carried out on the Linz claims in August 1991. Chip sampling was done August 15, 1991 and soil sampling was done August 20, 1991. This report is written for assessment work purposes only. Data results are given in this report but interpretation of results are not discussed in this report.

The Linz claims are located on Map Sheets 116B-1 and 115-0-16 in the Dawson Mining District Yukon (refer to Appendix A). The surveys were confined to Linz 1 and Linz 2 (YB3997 and YB39980), longitude 138°11'00" latitude 64°00'30". The Linz claims are adjacent to the Noranda Brewery Creek property.

The Linz claims are owned by L.W. Gatenby and are optioned to Gatenby Mining Services Ltd. and Balner Ent. Ltd. There are eight claims in the Linz group (refer to Appendix B for claim list).

General Geology

The Linz claims are located just north of the Tintina Trench in a potentially good mineral zone. The country rock is black argillite. The argillite is intruded by a Cretaceous hornblende-biotite syenite. The intrusives near the surface are heavily oxidized. The intrusives appear to carry gold.

Soil sampling on the Noranda Brewery Creek property has proven very effective in defining drill targets in this area. The topography is generally sloping southerly with little to no perma-frost. A halo down slope (south) caused by hydromorphic movement is expected.

Data Acquisition

Chip Sampling

A chip sample survey was done along the large east-west outcrop where the rock is well exposed (refer to Appendix C for sample line). A total of 10 samples were taken. Samples were taken at what appeared to be intrusives in the argillite. Sampling was done by the author on August 15, 1991.

The samples were ringed (pulverized) and a 30 gram sample was fire assayed. The fire assayed sample was tested for gold using A-A (refer to appendix D for Assay results).

Soil Sampling

A soil grid was established perpendicular to the claim line. Line centers were 100 ft. and station centers were 100 ft. along the lines (refer to Appendix C for line and station locations). A total of thirty-four 100 gram samples of horizon B material were taken. Each pit was dug with a shovel. Most pits needed to be no more than 8" deep to obtain a good horizon B sample. The sampling was done by the author on August 20, 1991.

The samples were ringed (pulverized) and a 30 gram sample was fire assayed then tested for gold by A-A. Another 30 gram sample was digested by Aqua-Regia and tested for arsenic by A-A (refer to Appendix E for Assay results).

Results and Interpretation

Chip Survey

The results of the chip survey are given in Appendix D. The interpretation of these results are not given in this report.

Soil Survey

The results of the soil survey are given in Appendix E. The interpretation of those results are not given in this report but for matters of the record, we analyzed the data by the standard , $> \text{mean} + 2 \text{ (S.D.)}$ as being anomalous.

Costs

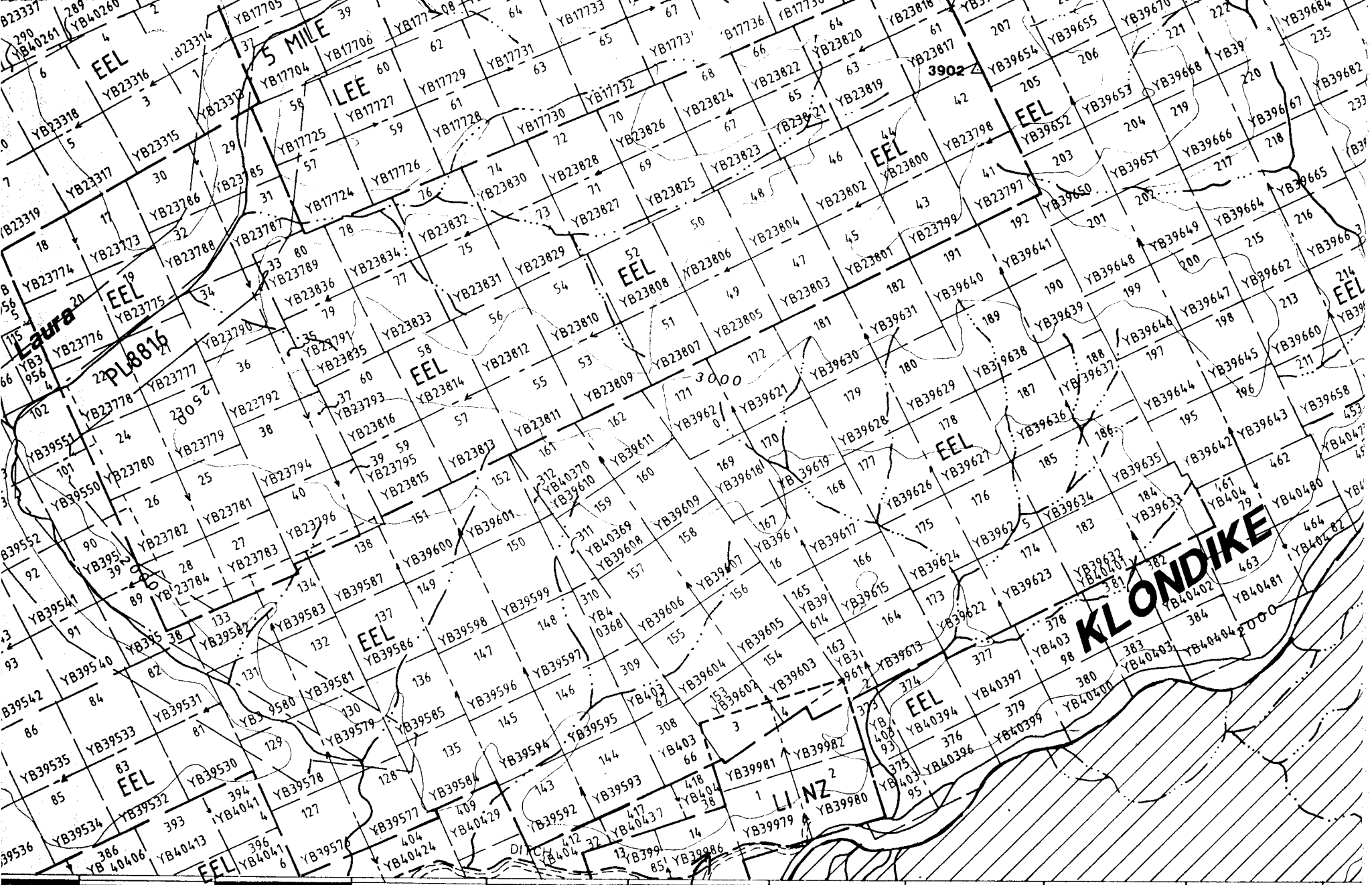
The cost of data acquisition, assays and report come to a total of \$1611.08 (refer to Appendix F for cost breakdown).

Conclusion

Though the results of the chip and soil surveys were not overly exciting, this property does deserve more work in 1992, because

- a. its proximity to the Tintina trench, and
- b. the Noranda Brewery Creek property has some large mineral zones tending toward the Linz claims.

An expanded soil survey program is intended for 1992.



385
YB40405

395
YB40415

403
YB40423

411
YB40431

116B-1

Linz claims.

10'

Appendix A

Appendix B

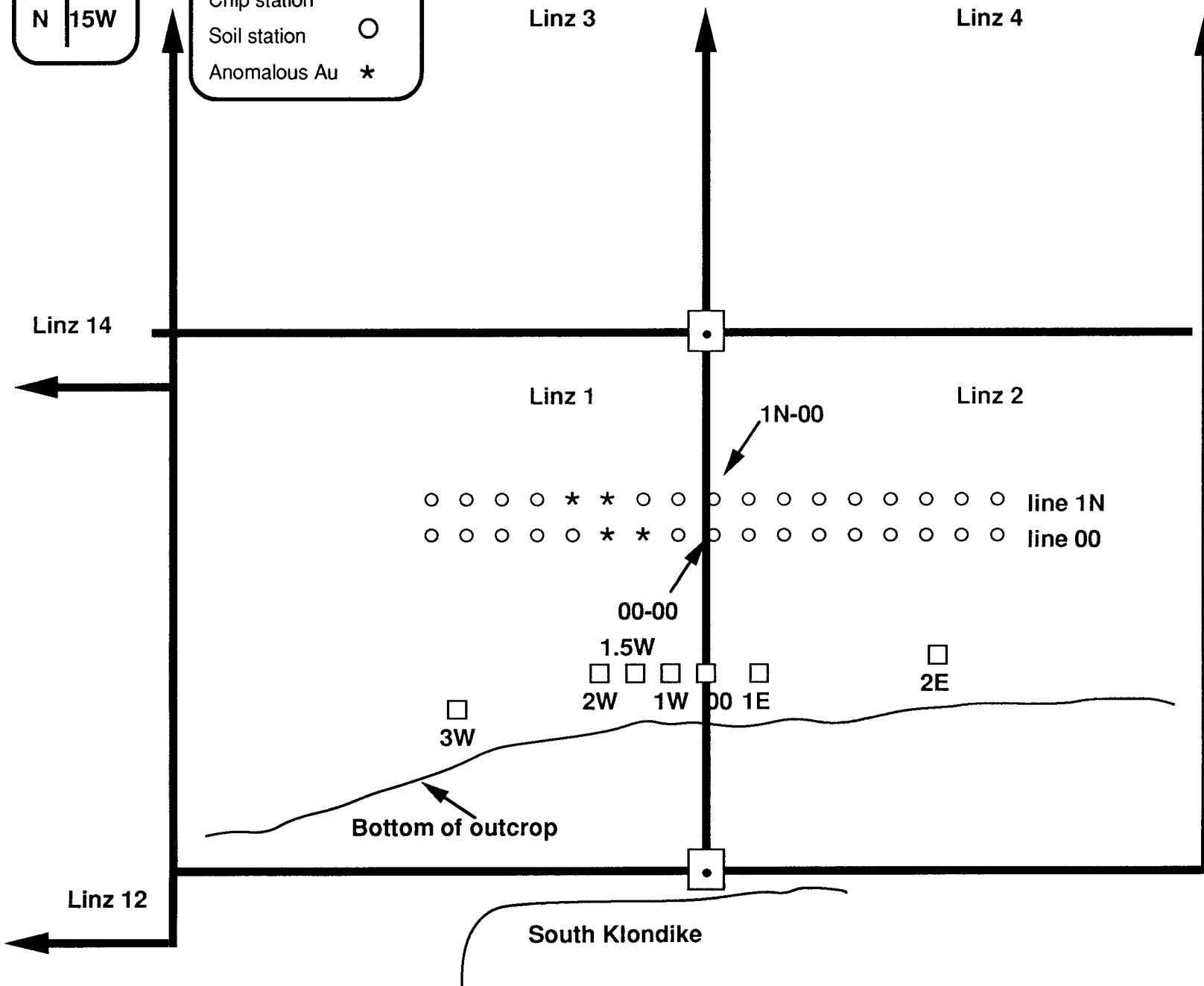
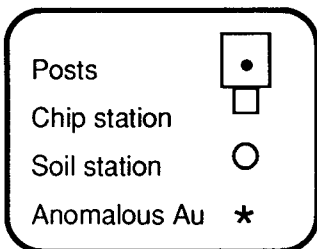
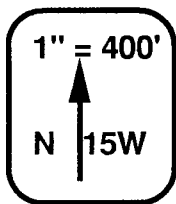
Claims List

Name	Sheet Number	Grant Number
Linz 1	116B-01	YB39979
Linz 2	116B-01	YB39980
Linz 3	116B-01	YB39981
Linz 4	116B-01	YB39982
Linz 11	116B-01	YB39983
Linz 12	116B-01	YB39984
Linz 13	116B-01	YB39985
Linz 14	116B-01	YB39986

Chip and Soil Survey (91)

Appendix C

(Long. 138° 12', Lat. 64° 00' 30")





Chemex Labs Ltd.

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

To: GATENBY MINING
8 - 219 E. 8TH ST.
NORTH VANCOUVER, BC
V7L 1Y9

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Total Pages : 1
Certificate Date: 17-DEC-91
Invoice No. : 19125832
P.O. Number :
Account : JNK

Project :
Comments :

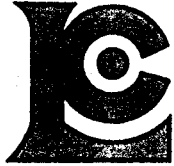
Appendix D

CERTIFICATE OF ANALYSIS

A9125832

SAMPLE	PREP CODE	Au oz/T										
00-1E-A	208 294	< 0.001										
00-1E-B	208 294	< 0.001										
00-1E-C	208 294	< 0.001										
00-2E-A	208 294	< 0.001										
00-2E-B	208 294	< 0.001										
00-00-A	208 294	< 0.001										
00-1W-A	208 294	< 0.001										
00-2W-A	208 294	< 0.001										
00-3W-B	208 294	< 0.001										
00-50W-A	208 294	< 0.001										

CERTIFICATION: *[Signature]*



Chemex Labs Ltd.

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

To: GATENBY MINING
8 - 219 E. 8TH ST.
NORTH VANCOUVER, BC
V7L 1Y9

**

Page Number : 1
Total Pages : 1
Certificate Date: 15-NOV-91
Invoice No. : 19124669
P.O. Number : NONE
Account : JNK

Project :
Comments:

Appendix E

CERTIFICATE OF ANALYSIS

A9124669

SAMPLE	PREP CODE	Au ppb FA+AA	As ppm										
OO 00E	217	--	< 5	32									
OO 01E	217	--	< 5	28									
OO 02E	217	--	< 5	20									
OO 03E	217	--	< 5	68									
OO 04E	217	--	< 5	106									
OO 05E	217	--	< 5	144									
OO 06E	217	--	< 5	76									
OO 07E	217	--	< 5	124									
OO 08E	217	--	< 5	108									
OO 01W	217	--	< 5	16									
OO 02W	217	--	5	8									
OO 03W	217	--	20	18									
OO 04W	217	--	< 5	2									
OO 05W	217	--	< 5	2									
OO 06W	217	--	< 5	2									
OO 07W	217	--	< 5	8									
OO 08W	217	--	< 5	2									
1N 00E	217	--	< 5	30									
1N 01E	217	--	< 5	22									
1N 02E	217	--	< 5	30									
1N 03E	217	--	< 5	26									
1N 04E	217	--	< 5	58									
1N 05E	217	--	< 5	76									
1N 06E	217	--	< 5	62									
1N 07E	217	--	< 5	34									
1N 08E	217	--	< 5	52									
1N 01W	217	--	< 5	32									
1N 02W	217	--	< 5	16									
1N 03W	217	--	45	10									
1N 04W	217	--	5	2									
1N 05W	217	--	< 5	2									
1N 06W	217	--	< 5	6									
1N 07W	217	--	< 5	6									
1N 08W	217	--	< 5	4									

CERTIFICATION:

Hart Bichler

Appendix F

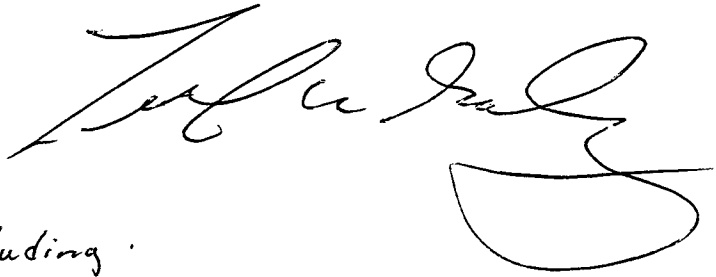
Cost of Soil and Chip Surveys

1. Data Acquisition	
2 days at \$200.00/day	\$400.00
2. Soil Assay	567.53
3. Chip Assay	153.55
4. Report	
Writing: 2 days at \$200.00/day	400.00
Typing and graphics: 3 hours at \$30.00/hr	90.00
Total	\$1611.08

Liste W. Gatenby

BSc UBC 1984

Mining Geophysics.



including:

Geology courses in:

- 1) Exploration Geochem.
- 2) Structure. (Geology).
- 3) Petrology.
- 4) Mineralogy.