

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,252

PART 2 OF 3

**GEOLOGICAL, GEOCHEMICAL AND TRENCHING REPORT
ON THE
SIWASH CREEK PROPERTY
VOLUME II**

Located in the Okanagan Area
Similkameen Mining Division
British Columbia

NTS 92H/16W
Latitude 49°46'N
Longitude 120°20'W

**SUB-RECORDER
RECEIVED**

JAN 24 1994

M.R. # \$
VANCOUVER, B.C.

- prepared for -
INTERNATIONAL TOWER HILL MINES LTD.

- prepared by -
A.T. MONTGOMERY, P.Geo.

January, 1994

GEOLOGICAL, GEOCHEMICAL AND TRENCHING REPORT ON THE SIWASH CREEK PROPERTY

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APPENDIX IV
ANALYTICAL PROCEDURES



Chemex Labs Ltd.

Analytical Chemists

Geochemists

Registered Assayers

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CHEMEX LABS LTD ANALYTICAL PROCEDURES

1. TRACE ANALYSIS

32 ELEMENT GEOCHEMISTRY PACKAGE - ICP-AES

Prepared sample (0.5g) is digested with concentrated nitric-aqua regia acid at medium heat for approximately 2 hours. The acid solution is diluted to 25 ml with demineralized water, mixed and analyzed on a Jarrell-Ash 1100 Plasma unit after calibration with proper standards.

Results are corrected for spectral interelement interferences.

*Al	0.01%	*Cr	1 ppm	Mn	1 ppm	*Na	0.01%
Sb	5 ppm	Co	1 ppm	Hg	1 ppm	*Sr	1 ppm
As	5 ppm	Cu	1 ppm	Mo	1 ppm	*Tl	10 ppm
*Ba	10 ppm	Fe	0.01%	Ni	1 ppm	*Ti	0.01%
*Be	0.5 ppm	*Ga	10 ppm	P	10 ppm	*W	10 ppm
Bi	2 ppm	*La	10 ppm	*K	0.01%	U	10 ppm
Cd	0.5 ppm	Pb	2 ppm	Se	10 ppm	V	1 ppm
*Ca	0.01%	*Mg	0.01%	Ag	0.2 ppm	Zn	2 ppm

* Elements for which the digestion is possibly incomplete.

TRACE 10

Samples digested and analyzed as above and reported as Ag, Co, Cu, Fe, Mn, Mo, Ni, Pb, Zn. Arsenic analyzed as follows:

Arsenic ppm - Chemex Code 13

A 1.0 gram sample is digested with HN03 - aqua regia acids for approximately 2 hours. The digested solution is diluted to volume and mixed. An aliquot of the digest is acidified and reduced with NaBH₄ and arsenic content determined using flameless atomic absorption.

Detection limit: 1 ppm

2. GOLD AND SILVER

Gold FA-AA ppb - Chemex Code 100

A 10 gram sample is fused with a basic litharge flux inquarted with 10 mg of Au-free silver and then cupelled.

Beads for AA finish are digested for 1/2 hour in 1 ml HNO₃, then 3 ml HCl are added and digested for 1 hour. The samples are cooled and made to a volume of 10 ml, homogenized and run on the AAS with background correction.

Ag, Au (oz/t): Codes 383 and 396

Silver and gold analyses are done by standard fire assay techniques. In the sample preparation stage the screens are checked for metallics which, if present, are assayed separately and calculated into the results obtained from the pulp assay.

0.5 (14.583 g) or 1 (29.166 gm) assay ton sub samples are fused in litharge, carbonate and silicious fluxes. The lead button containing the precious metals is cupelled in a muffle furnace. The combined Ag and Au is weighed on a microbalance, parted, annealed and again weighed as Au. The difference in the two weighing is Ag.

Cu, Pb and Zn

Pb% - Chemex Codes 301, 312 and 316

A 2 gram sub-sample is digested in hot perchloric-nitric acid mixture for two hours, cooled, then transferred into a 250 ml volumetric flask. Nitric acid is added to the final sample and standard solutions. The solutions are then analyzed on an atomic absorption instrument.



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PREPARATION METHODS

201 - DRY, SIEVE TO -80 MESH

a) Geochemical soil/silt samples are usually received in High/wet-strength 4x6 soil gusset bags. Sample sets are ordered, and dried for 12 to 24 hours at 50 deg. C.

b) The dried sample is hammered, to desegregate the soil particles, and then poured from the gusset bag into an 8 inch dia. 80 mesh stainless steel screen.

c) The sieve is shaken horizontally over a large clean piece of paper, where the -80 mesh fraction accumulates. When all the -80 fraction has passed through the sieve the +80 portion is discarded.

d) The -80 fraction is poured into a 2x3 coin envelope, which contains the exact same number as the submitted sample, for distribution to the analytical lab.

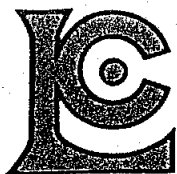
202 - DRY, SIEVE TO -80 MESH, SAVE +80 FRACTION

a) and b) see sections a) and b) of 201 c) The sieve is shaken horizontally over a large clean piece of paper, where the -80 mesh fraction accumulates. When all the -80 fraction has passed through the sieve the +80 portion is poured into a new 4x6 gusset bag (which contains the same number as the submitted sample), boxed, and filed. d) The -80 fraction is poured into a 2x3 coin envelope, which contains the exact same number as the submitted sample, for distribution to the analytical lab.

203 - DRY, SIEVE TO -35 MESH

a) Geochemical soil/silt samples are usually received in High/wet-strength 4x6 soil gusset bags. Sample sets are ordered, and dried for 12 to 24 hours at 50 deg. C.

b) The dried sample is hammered, to desegregate the soil particles, and then poured from the gusset bag into an 8 inch dia. 35 mesh stainless steel screen.



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PREPARATION METHODS - ROCK/ORE

205 - GEOCHEM RING

a) Samples arrive in poly or olefin rock bags. Samples are ordered prior to crushing.

b) The sample is poured into a primary jaw, and crushed to approximately 1/4 inch. This is secondary crushed in a roll crusher to approximately 10 mesh.

c) The crushed sample is then split using a Jones Riffle splitter to approximately 200 to 250 grams. The reject is poured into the original bag for storage, or return to client.

d) The sample split is put into a Rocklabs (large ring) ring mill, and rung to approximately 150 mesh. The pulped sample is poured into a 4x6 tin-top bag, (which has been labeled with the original number), for distribution to the analytical lab.

217 - GEOCHEM RING - ENTIRE SAMPLE (Used for samples 200 grams or less)

a) The entire sample is put into a Rocklabs (large ring) ring mill, and rung to approximately 150 mesh. The pulped sample is poured into a 4x6 tin-top bag (correctly labeled), for distribution to the analytical lab.

208 - ASSAY RING

a) Samples arrive in poly or olefin rock bags. Samples are ordered prior to crushing.

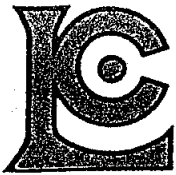
b) The sample is poured into a primary jaw, and crushed to approximately 1/4 inch. This is secondary crushed in a roll or cone crusher to approximately 10 mesh.

c) The crushed sample is then split using a Jones Riffle splitter to approximately 200 to 250 grams. The reject is poured into the original bag for storage, or return to client.

d) The sample split is put into a Rocklabs (large ring) ring mill, and rung to approximately 150 mesh. The pulped sample is poured into a 4x6 tin-top bag, (which has been labeled with the original number), sealed prior to being distributed to the analytical lab.

207 - ASSAY ROTARY PULVERIZE

a) and b) - see sections a) and b) under 208 c) The crushed sample is then split using a Jones Riffle splitter to approximately 250 to 350 grams. The reject is poured into the original bag for storage, or return to client. d) The sample split is ground in a Bico rotary pulverizer and screened to 140 mesh. The +140 material is visually inspected for metallics. e) If NO metallics are found, then the +140 fraction is hand ground to -140. The entire sample is then homogenized (by rolling). f) IF metallics are found, they are put into a separate coin envelope, kept with the original sample, and fused separately. The entire -140 fraction is homogenized.



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PREPARATION METHODS - OTHER

214 - RECEIVED AS PULP

a) sample arrives at the lab, as a pulp. If the pulp is of poor prep, we will recommend that the client conduct a 217 ring entire sample. If pulp is ore grade, for precious metals, pulp should be homogenized (rolled) prior to the analysis.

213 - HEAVY MINERAL SEPARATION - SG. 2.96

a) sample is dried at a temperature of 50 deg. C.

b) the dry sample is screened to -18 mesh (unless otherwise requested).

c) the sample is split to approximately 300 grams, and placed in a separation funnel. Tetrabromoethane is added (2.5mls/gram) to the separation funnel, shaken vigorously, and heavies allowed to separate.

d) heavies are drained into filter funnels. The separatory funnels are shaken again, heavies allowed to settle, and heavies drained. This is repeated until no more heavies are separating.

e) heavies are allowed to drain thoroughly.

Heavies: a) the heavy fraction is washed with acetone, put into a clean pan, and allowed to dry. b) magnetics are separated from non-magnetics, and each put in separate coin envelopes. c) the non-magnetics are then ring mill prepared to approximately 150 mesh.

Lights: a) Tetrabromoethane is drained through a vacuum filter. The lights are washed in acetone for about 30 seconds, drained, and then allowed to dry. b) the dried lights are then put into 4x6 (labeled) tin-top bags.

c) The sieve is shaken horizontally over a large clean piece of paper, where the -35 mesh fraction accumulates. When all the -35 fraction has passed through the sieve the +35 portion is discarded.

d) The -35 fraction is put into a ring grinder and rung to approximately 150 mesh. The pulp is put into a 2x3 coin envelope (same sample numbered envelope) for distribution to the analytical lab.

TAB

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APPENDIX V
STATISTICAL PROCEDURES

VARIABLE : LOG Au

DETECTION LIMIT : 0.0000

NUMBER OF OBSERVATIONS : 1952
MINIMUM : 0.699
MAXIMUM : 3.450

MEAN : 0.786
STANDARD ERROR OF MEAN : 0.007
STANDARD DEVIATION : 0.305
COEFFICIENT OF VARIATION : 38.848

SKEWNESS : 4.161
KURTOSIS : 19.222

Var : LOG Au
 D.Limit : 0.0000 [*]= 1.7% of Total
 PERCENT OF TOTAL SAMPLES

50.0

100.0

	#OCCU.	PERC
0.70+	0	0.0
0.82+	1761	90.2
0.94+	0	0.0
1.06+	26	1.3
1.18+	28	1.4
1.30+	0	0.0
1.42+	36	1.8
1.54+	7	0.4
1.66+	23	1.2
1.78+	13	0.7
1.90+	13	0.7
2.01+	10	0.5
2.13+	10	0.5
2.25+	4	0.2
2.37+	6	0.3
2.49+	3	0.2
2.61+	7	0.4
2.73+	0	0.0
2.85+	1	0.1
2.97+	1	0.1
3.09+	0	0.0
3.21+	1	0.1
3.33+	1	0.1
3.45+	0	0.0
	1	0.1

50.0

100.0

PERCENT OF TOTAL SAMPLES

VARIABLE : LOG Ag

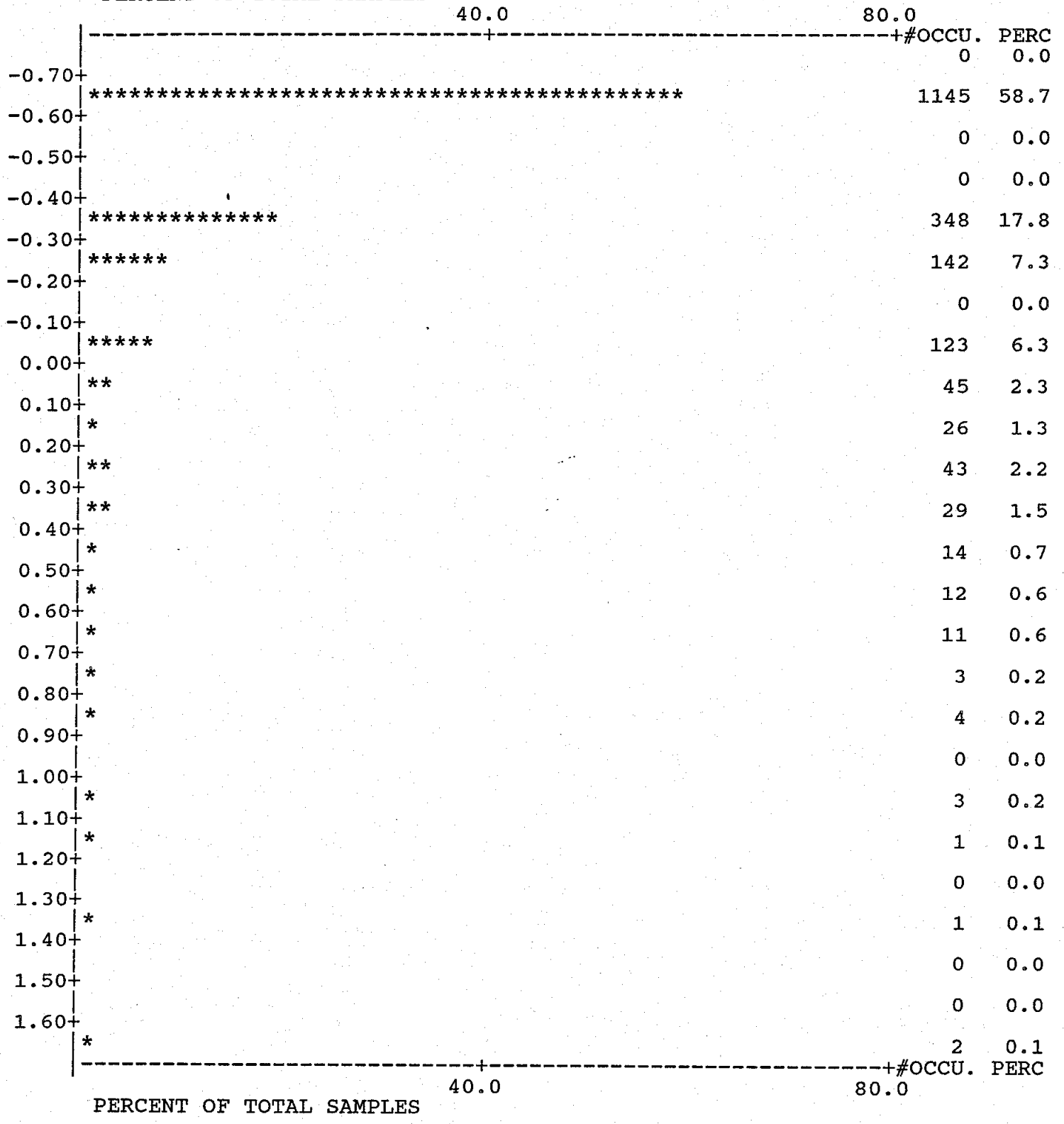
DETECTION LIMIT : 0.0000

NUMBER OF OBSERVATIONS : 1952
MINIMUM : -0.699
MAXIMUM : 1.732

MEAN : -0.470
STANDARD ERROR OF MEAN : 0.008
STANDARD DEVIATION : 0.340
COEFFICIENT OF VARIATION : -72.337

SKEWNESS : 1.742
KURTOSIS : 3.582

Var : LOG Ag
 D.Limit : 0.0000 [*]= 1.3% of Total
 PERCENT OF TOTAL SAMPLES



PERCENT OF TOTAL SAMPLES

VARIABLE : LOG Cu

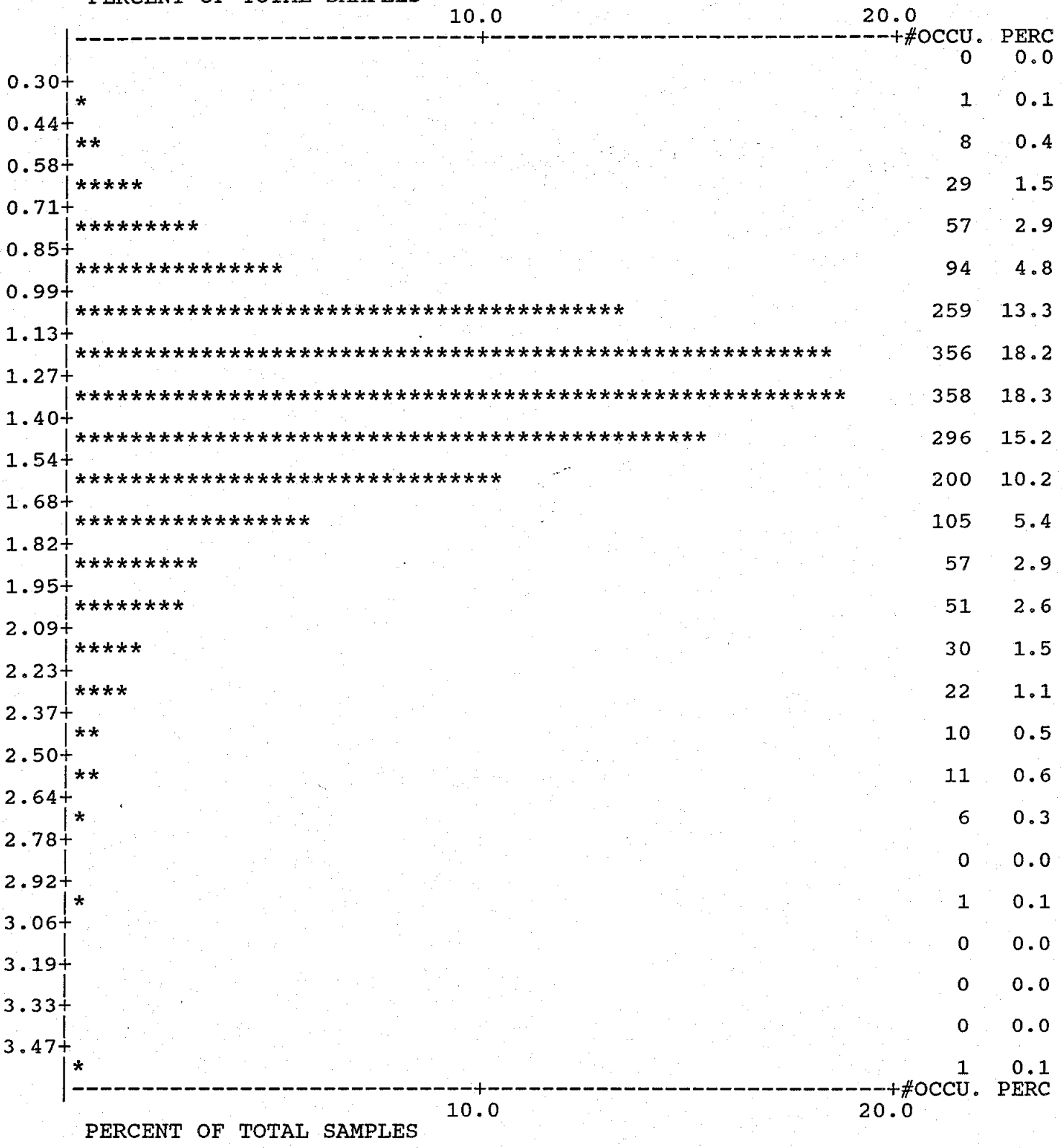
DETECTION LIMIT : 0.0000

NUMBER OF OBSERVATIONS : 1952
MINIMUM : 0.301
MAXIMUM : 3.469

MEAN : 1.372
STANDARD ERROR OF MEAN : 0.008
STANDARD DEVIATION : 0.352
COEFFICIENT OF VARIATION : 25.629

SKEWNESS : 0.870
KURTOSIS : 1.990

Var : LOG Cu
 D.Limit : 0.0000 [*]= 0.3% of Total
 PERCENT OF TOTAL SAMPLES



PERCENT OF TOTAL SAMPLES 10.0 20.0 + # OCCU. PERC

VARIABLE : LOG Pb

DETECTION LIMIT : 0.0000

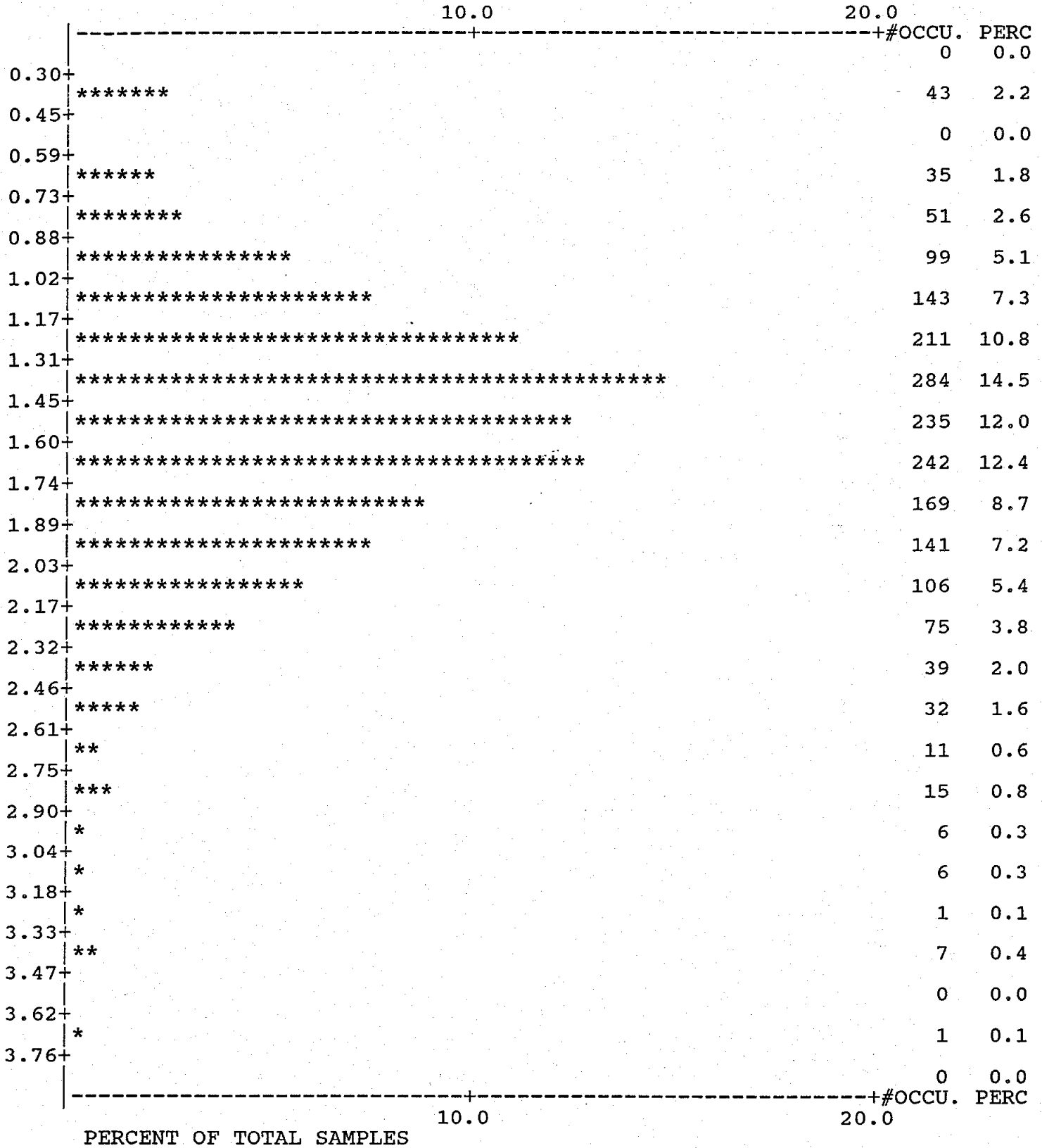
NUMBER OF OBSERVATIONS : 1952
MINIMUM : 0.301
MAXIMUM : 3.616

MEAN : 1.552
STANDARD ERROR OF MEAN : 0.011
STANDARD DEVIATION : 0.496
COEFFICIENT OF VARIATION : 31.936

SKEWNESS : 0.294
KURTOSIS : 1.056

Var : LOG Pb

D.Limit : 0.0000 [*]= 0.3% of Total
PERCENT OF TOTAL SAMPLES



PERCENT OF TOTAL SAMPLES

VARIABLE : LOG Zn

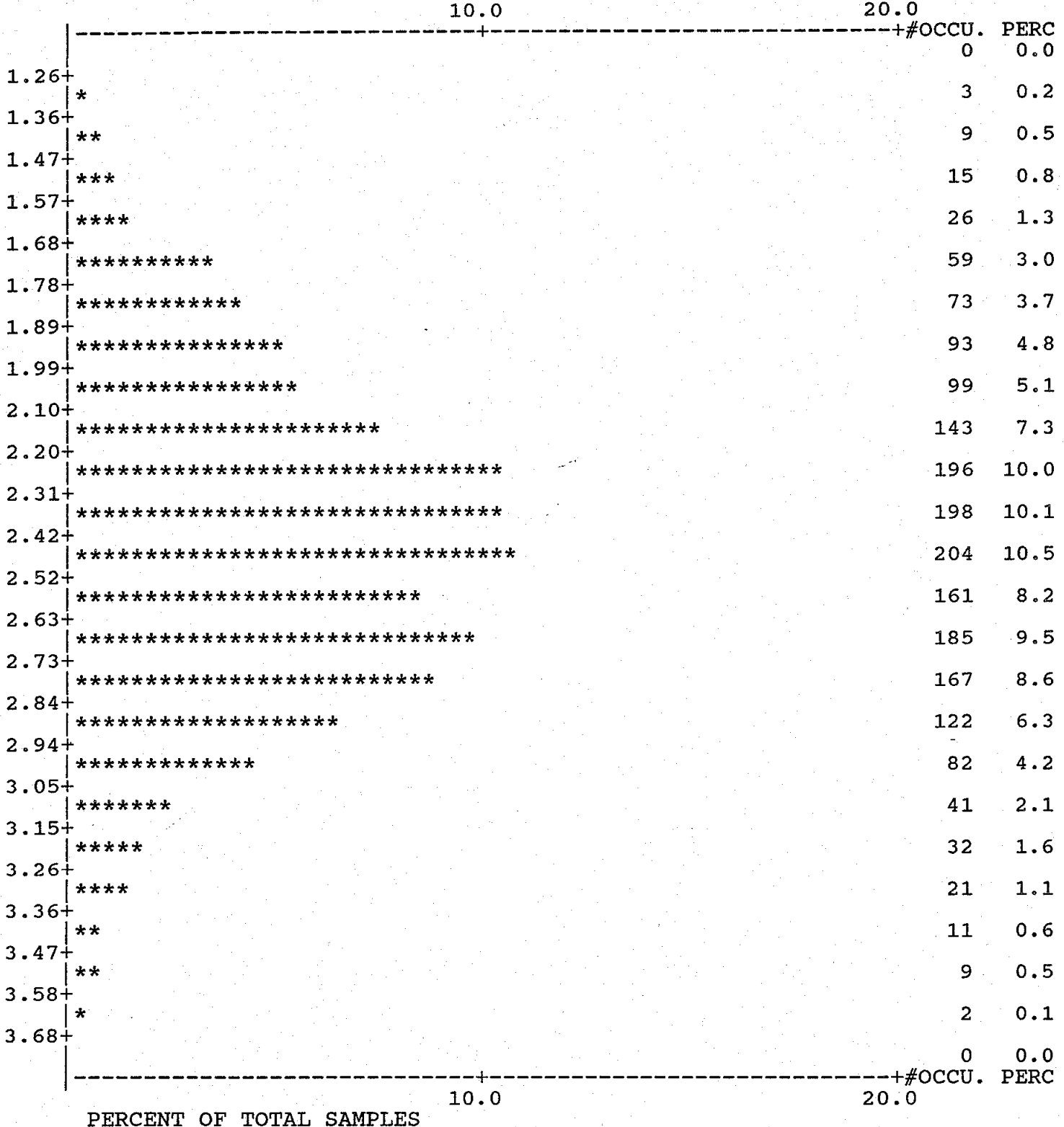
DETECTION LIMIT : 0.0000

NUMBER OF OBSERVATIONS : 1952
MINIMUM : 1.255
MAXIMUM : 3.681

MEAN : 2.446
STANDARD ERROR OF MEAN : 0.009
STANDARD DEVIATION : 0.403
COEFFICIENT OF VARIATION : 16.483

SKEWNESS : -0.043
KURTOSIS : -0.181

Var : LOG Zn
 D.Limit : 0.0000 [*]= 0.3% of Total
 PERCENT OF TOTAL SAMPLES



PERCENT OF TOTAL SAMPLES

Correlation matrix: (99.0 - undefined)
 [Number of samples per variable pair]

LESS THAN VALUES NOT INCLUDED

	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd
Au	1.000 [207]	0.036 [146]	-0.023 [207]	-0.018 [120]	0.058 [207]	-0.204 [37]	0.357 [48]	-0.008 [207]	-0.099 [63]
Ag	0.036 [146]	1.000 [1353]	0.076 [1353]	0.326 [738]	0.207 [1353]	0.142 [325]	0.857 [308]	0.049 [1353]	0.186 [317]
Al	-0.023 [207]	0.076 [1353]	1.000 [1952]	0.022 [1077]	0.301 [1952]	0.107 [386]	0.043 [401]	0.159 [1952]	0.155 [363]
As	-0.018 [120]	0.326 [738]	0.022 [1077]	1.000 [1077]	0.252 [1077]	0.238 [256]	0.335 [243]	0.096 [1077]	-0.012 [156]
Ba	0.058 [207]	0.207 [1353]	0.301 [1952]	0.252 [1077]	1.000 [1952]	0.227 [386]	0.118 [401]	0.390 [1952]	0.476 [363]
Be	-0.204 [37]	0.142 [325]	0.107 [386]	0.238 [256]	0.227 [386]	1.000 [386]	0.085 [108]	0.253 [386]	0.225 [103]
Bi	0.357 [48]	0.857 [308]	0.043 [401]	0.335 [243]	0.118 [401]	0.085 [108]	1.000 [401]	0.009 [401]	0.002 [82]
Ca	-0.008 [207]	0.049 [1353]	0.159 [1952]	0.096 [1077]	0.390 [1952]	0.253 [386]	0.009 [401]	1.000 [1952]	0.495 [363]
Cd	-0.099 [63]	0.186 [317]	0.155 [363]	-0.012 [156]	0.476 [363]	0.225 [103]	0.002 [82]	0.495 [363]	1.000 [363]
Co	-0.003 [207]	-0.086 [1345]	0.466 [1940]	0.013 [1069]	0.104 [1940]	0.068 [383]	-0.066 [397]	0.335 [1940]	0.153 [362]
Cr	0.019 [207]	-0.016 [1352]	0.253 [1950]	-0.034 [1076]	0.034 [1950]	0.170 [386]	0.016 [401]	0.359 [1950]	0.112 [363]
Cu	-0.033 [207]	0.196 [1353]	0.192 [1952]	0.195 [1077]	0.225 [1952]	0.334 [386]	0.116 [401]	0.184 [1952]	0.407 [363]
Fe	0.032 [207]	0.332 [1353]	0.413 [1952]	0.408 [1077]	0.407 [1952]	0.190 [386]	0.333 [401]	0.311 [1952]	0.181 [363]
Ga	-0.021 [90]	0.157 [623]	0.002 [764]	0.222 [453]	0.159 [764]	0.697 [195]	0.012 [154]	0.207 [764]	0.157 [232]
Hg	99.000 [0]	-0.382 [7]	0.112 [9]	99.000 [4]	0.005 [9]	99.000 [2]	99.000 [1]	-0.523 [9]	99.000 [3]
K	0.066 [207]	0.218 [1353]	-0.116 [1952]	0.290 [1077]	0.416 [1952]	0.242 [386]	0.126 [401]	0.445 [1952]	0.173 [363]
La	-0.043 [165]	0.109 [1040]	0.012 [1385]	0.084 [789]	0.187 [1385]	0.693 [322]	-0.001 [294]	0.101 [1385]	0.155 [312]

Correlation matrix: (99.0 - undefined)
 [Number of samples per variable pair]

LESS THAN VALUES NOT INCLUDED

	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd
Mg	0.018 [207]	-0.070 [1352]	0.347 [1951]	-0.054 [1076]	0.059 [1951]	-0.049 [386]	-0.043 [400]	0.405 [1951]	0.053 [363]
Mn	0.025 [207]	0.143 [1353]	0.178 [1952]	0.190 [1077]	0.362 [1952]	0.326 [386]	0.070 [401]	0.146 [1952]	0.502 [363]
Mo	0.041 [95]	0.594 [583]	-0.006 [754]	0.482 [483]	0.134 [754]	0.239 [204]	0.689 [227]	0.150 [754]	0.002 [167]
Na	-0.021 [203]	-0.010 [1339]	0.373 [1928]	0.031 [1063]	0.274 [1928]	-0.026 [377]	-0.005 [396]	0.508 [1928]	-0.008 [356]
Ni	-0.041 [205]	-0.046 [1345]	0.398 [1943]	0.012 [1071]	0.080 [1943]	0.079 [384]	-0.022 [398]	0.272 [1943]	0.097 [363]
P	0.037 [207]	0.039 [1353]	0.345 [1952]	0.035 [1077]	-0.038 [1952]	-0.153 [386]	0.082 [401]	-0.020 [1952]	0.085 [363]
Pb	0.043 [206]	0.562 [1349]	-0.024 [1938]	0.305 [1071]	0.257 [1938]	0.175 [385]	0.359 [399]	0.114 [1938]	0.343 [363]
Sb	-0.065 [26]	0.398 [157]	0.001 [233]	0.641 [153]	0.065 [233]	-0.148 [62]	0.347 [60]	0.196 [233]	0.075 [43]
Sc	-0.052 [206]	0.079 [1314]	0.460 [1884]	0.156 [1043]	0.355 [1884]	0.250 [382]	0.010 [387]	0.487 [1884]	0.288 [359]
Sr	-0.057 [207]	0.065 [1353]	-0.046 [1952]	0.093 [1077]	0.249 [1952]	0.333 [386]	0.015 [401]	0.316 [1952]	0.427 [363]
Ti	0.003 [205]	-0.104 [1341]	0.507 [1937]	-0.140 [1066]	-0.101 [1937]	-0.157 [378]	-0.057 [397]	0.233 [1937]	-0.125 [359]
Tl	-0.822 [3]	0.813 [20]	0.121 [22]	0.603 [16]	0.189 [22]	0.842 [13]	1.000 [5]	0.132 [22]	0.599 [7]
U	-1.000 [2]	0.558 [22]	-0.029 [22]	0.257 [13]	0.396 [22]	0.754 [14]	0.864 [6]	0.316 [22]	0.382 [12]
V	0.049 [207]	-0.060 [1353]	0.333 [1952]	-0.069 [1077]	-0.045 [1952]	-0.131 [386]	0.028 [401]	0.337 [1952]	-0.015 [363]
W	-0.180 [33]	0.524 [124]	0.342 [194]	0.294 [124]	0.339 [194]	0.049 [74]	0.425 [47]	0.138 [194]	0.305 [65]
Zn	0.021 [207]	0.224 [1353]	0.291 [1952]	0.053 [1077]	0.384 [1952]	0.334 [386]	0.062 [401]	0.130 [1952]	0.509 [363]

Correlation matrix: (99.0 - undefined)
 [Number of samples per variable pair]

LESS THAN VALUES NOT INCLUDED

	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
Au	-0.003 [207]	0.019 [207]	-0.033 [207]	0.032 [207]	-0.021 [90]	99.000 [0]	0.066 [207]	-0.043 [165]	0.018 [207]
Ag	-0.086 [1345]	-0.016 [1352]	0.196 [1353]	0.332 [1353]	0.157 [623]	-0.382 [7]	0.218 [1353]	0.109 [1040]	-0.070 [1352]
Al	0.466 [1940]	0.253 [1950]	0.192 [1952]	0.413 [1952]	0.002 [764]	0.112 [9]	-0.116 [1952]	0.012 [1385]	0.347 [1951]
As	0.013 [1069]	-0.034 [1076]	0.195 [1077]	0.408 [1077]	0.222 [453]	99.000 [4]	0.290 [1077]	0.084 [789]	-0.054 [1076]
Ba	0.104 [1940]	0.034 [1950]	0.225 [1952]	0.407 [1952]	0.159 [764]	0.005 [9]	0.416 [1952]	0.187 [1385]	0.059 [1951]
Be	0.068 [383]	0.170 [386]	0.334 [386]	0.190 [386]	0.697 [195]	99.000 [2]	0.242 [386]	0.693 [322]	-0.049 [386]
Bi	-0.066 [397]	0.016 [401]	0.116 [401]	0.333 [401]	0.012 [154]	99.000 [1]	0.126 [401]	-0.001 [294]	-0.043 [400]
Ca	0.335 [1940]	0.359 [1950]	0.184 [1952]	0.311 [1952]	0.207 [764]	-0.523 [9]	0.445 [1952]	0.101 [1385]	0.405 [1951]
Cd	0.153 [362]	0.112 [363]	0.407 [363]	0.181 [363]	0.157 [232]	99.000 [3]	0.173 [363]	0.155 [312]	0.053 [363]
Co	1.000 [1940]	0.664 [1938]	0.229 [1940]	0.590 [1940]	-0.036 [761]	0.526 [9]	0.167 [1940]	-0.079 [1374]	0.836 [1940]
Cr	0.664 [1938]	1.000 [1950]	0.183 [1950]	0.391 [1950]	0.156 [763]	0.067 [9]	0.215 [1950]	0.072 [1383]	0.811 [1949]
Cu	0.229 [1940]	0.183 [1950]	1.000 [1952]	0.357 [1952]	0.097 [764]	-0.080 [9]	0.167 [1952]	0.102 [1385]	0.177 [1951]
Fe	0.590 [1940]	0.391 [1950]	0.357 [1952]	1.000 [1952]	0.095 [764]	-0.123 [9]	0.459 [1952]	0.047 [1385]	0.479 [1951]
Ga	-0.036 [761]	0.156 [763]	0.097 [764]	0.095 [764]	1.000 [764]	99.000 [4]	0.232 [764]	0.868 [631]	-0.032 [764]
Hg	0.526 [9]	0.067 [9]	-0.080 [9]	-0.123 [9]	99.000 [4]	1.000 [9]	-0.470 [9]	-0.205 [7]	0.283 [9]
K	0.167 [1940]	0.215 [1950]	0.167 [1952]	0.459 [1952]	0.232 [764]	-0.470 [9]	1.000 [1952]	0.195 [1385]	0.248 [1951]
La	-0.079 [1374]	0.072 [1383]	0.102 [1385]	0.047 [1385]	0.868 [631]	-0.205 [7]	0.195 [1385]	1.000 [1385]	-0.078 [1384]

Correlation matrix: (99.0 - undefined)
 [Number of samples per variable pair]

LESS THAN VALUES NOT INCLUDED

	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
Mg	0.836 [1940]	0.811 [1949]	0.177 [1951]	0.479 [1951]	-0.032 [764]	0.283 [9]	0.248 [1951]	-0.078 [1384]	1.000 [1951]
Mn	0.301 [1940]	0.051 [1950]	0.226 [1952]	0.376 [1952]	0.088 [764]	-0.024 [9]	0.258 [1952]	0.127 [1385]	0.103 [1951]
Mo	-0.065 [745]	-0.029 [752]	0.238 [754]	0.386 [754]	0.189 [366]	99.000 [5]	0.367 [754]	0.110 [644]	-0.072 [753]
Na	0.090 [1917]	0.054 [1926]	0.027 [1928]	0.091 [1928]	-0.015 [760]	0.000 [9]	0.129 [1928]	-0.024 [1361]	0.060 [1927]
Ni	0.698 [1936]	0.840 [1941]	0.191 [1943]	0.378 [1943]	-0.019 [761]	-0.051 [9]	0.168 [1943]	-0.054 [1377]	0.812 [1943]
P	0.295 [1940]	0.061 [1950]	0.028 [1952]	0.165 [1952]	-0.060 [764]	0.125 [9]	-0.074 [1952]	-0.149 [1385]	0.147 [1951]
Pb	-0.110 [1926]	-0.073 [1936]	0.195 [1938]	0.321 [1938]	0.222 [762]	-0.402 [9]	0.404 [1938]	0.181 [1381]	-0.115 [1937]
Sb	-0.057 [232]	-0.006 [233]	0.465 [233]	0.562 [233]	0.770 [78]	99.000 [6]	0.395 [233]	0.418 [149]	-0.013 [233]
Sc	0.662 [1879]	0.537 [1884]	0.331 [1884]	0.615 [1884]	0.163 [749]	-0.218 [9]	0.366 [1884]	0.135 [1326]	0.639 [1884]
Sr	0.008 [1940]	0.106 [1950]	0.083 [1952]	0.175 [1952]	0.195 [764]	-0.133 [9]	0.352 [1952]	0.240 [1385]	0.089 [1951]
Ti	0.694 [1929]	0.603 [1936]	0.064 [1937]	0.333 [1937]	-0.118 [763]	0.093 [9]	-0.066 [1937]	-0.197 [1371]	0.718 [1937]
Tl	-0.196 [21]	0.376 [22]	0.440 [22]	0.033 [22]	0.887 [14]	99.000 [0]	0.142 [22]	0.802 [22]	-0.140 [22]
U	-0.368 [22]	0.698 [22]	0.395 [22]	-0.296 [22]	0.754 [18]	99.000 [0]	0.127 [22]	0.698 [18]	-0.162 [22]
V	0.804 [1940]	0.673 [1950]	0.149 [1952]	0.550 [1952]	-0.061 [764]	0.037 [9]	0.058 [1952]	-0.136 [1385]	0.799 [1951]
W	0.066 [194]	0.079 [194]	0.566 [194]	0.401 [194]	0.148 [88]	99.000 [1]	0.359 [194]	0.160 [138]	0.083 [194]
Zn	0.034 [1940]	0.034 [1950]	0.253 [1952]	0.239 [1952]	0.169 [764]	-0.245 [9]	0.131 [1952]	0.264 [1385]	0.017 [1951]

Correlation matrix: (99.0 - undefined)
 [Number of samples per variable pair]

LESS THAN VALUES NOT INCLUDED

	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr
Au	0.025 [207]	0.041 [95]	-0.021 [203]	-0.041 [205]	0.037 [207]	0.043 [206]	-0.065 [26]	-0.052 [206]	-0.057 [207]
Ag	0.143 [1353]	0.594 [583]	-0.010 [1339]	-0.046 [1345]	0.039 [1353]	0.562 [1349]	0.398 [157]	0.079 [1314]	0.065 [1353]
Al	0.178 [1952]	-0.006 [754]	0.373 [1928]	0.398 [1943]	0.345 [1952]	-0.024 [1938]	0.001 [233]	0.460 [1884]	-0.046 [1952]
As	0.190 [1077]	0.482 [483]	0.031 [1063]	0.012 [1071]	0.035 [1077]	0.305 [1071]	0.641 [153]	0.156 [1043]	0.093 [1077]
Ba	0.362 [1952]	0.134 [754]	0.274 [1928]	0.080 [1943]	-0.038 [1952]	0.257 [1938]	0.065 [233]	0.355 [1884]	0.249 [1952]
Be	0.326 [386]	0.239 [204]	-0.026 [377]	0.079 [384]	-0.153 [386]	0.175 [385]	-0.148 [62]	0.250 [382]	0.333 [386]
Bi	0.070 [401]	0.689 [227]	-0.005 [396]	-0.022 [398]	0.082 [401]	0.359 [399]	0.347 [60]	0.010 [387]	0.015 [401]
Ca	0.146 [1952]	0.150 [754]	0.508 [1928]	0.272 [1943]	-0.020 [1952]	0.114 [1938]	0.196 [233]	0.487 [1884]	0.316 [1952]
Cd	0.502 [363]	0.002 [167]	-0.008 [356]	0.097 [363]	0.085 [363]	0.343 [363]	0.075 [43]	0.288 [359]	0.427 [363]
Co	0.301 [1940]	-0.065 [745]	0.090 [1917]	0.698 [1936]	0.295 [1940]	-0.110 [1926]	-0.057 [232]	0.662 [1879]	0.008 [1940]
Cr	0.051 [1950]	-0.029 [752]	0.054 [1926]	0.840 [1941]	0.061 [1950]	-0.073 [1936]	-0.006 [233]	0.537 [1884]	0.106 [1950]
Cu	0.226 [1952]	0.238 [754]	0.027 [1928]	0.191 [1943]	0.028 [1952]	0.195 [1938]	0.465 [233]	0.331 [1884]	0.083 [1952]
Fe	0.376 [1952]	0.386 [754]	0.091 [1928]	0.378 [1943]	0.165 [1952]	0.321 [1938]	0.562 [233]	0.615 [1884]	0.175 [1952]
Ga	0.088 [764]	0.189 [366]	-0.015 [760]	-0.019 [761]	-0.060 [764]	0.222 [762]	0.770 [78]	0.163 [749]	0.195 [764]
Hg	-0.024 [9]	99.000 [5]	0.000 [9]	-0.051 [9]	0.125 [9]	-0.402 [9]	99.000 [6]	-0.218 [9]	-0.133 [9]
K	0.258 [1952]	0.367 [754]	0.129 [1928]	0.168 [1943]	-0.074 [1952]	0.404 [1938]	0.395 [233]	0.366 [1884]	0.352 [1952]
La	0.127 [1385]	0.110 [644]	-0.024 [1361]	-0.054 [1377]	-0.149 [1385]	0.181 [1381]	0.418 [149]	0.135 [1326]	0.240 [1385]

Correlation matrix: (99.0 - undefined)
 [Number of samples per variable pair]

LESS THAN VALUES NOT INCLUDED

	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr
Mg	0.103 [1951]	-0.072 [753]	0.060 [1927]	0.812 [1943]	0.147 [1951]	-0.115 [1937]	-0.013 [233]	0.639 [1884]	0.089 [1951]
Mn	1.000 [1952]	0.024 [754]	-0.003 [1928]	0.075 [1943]	0.168 [1952]	0.335 [1938]	0.005 [233]	0.318 [1884]	0.015 [1952]
Mo	0.024 [754]	1.000 [754]	0.023 [743]	-0.042 [747]	0.078 [754]	0.547 [753]	0.814 [88]	0.046 [702]	0.056 [754]
Na	-0.003 [1928]	0.023 [743]	1.000 [1928]	0.096 [1920]	0.174 [1928]	-0.001 [1914]	0.034 [228]	0.099 [1862]	0.124 [1928]
Ni	0.075 [1943]	-0.042 [747]	0.096 [1920]	1.000 [1943]	0.165 [1943]	-0.101 [1929]	-0.036 [231]	0.494 [1881]	0.045 [1943]
P	0.168 [1952]	0.078 [754]	0.174 [1928]	0.165 [1943]	1.000 [1952]	0.014 [1938]	0.068 [233]	0.079 [1884]	-0.180 [1952]
Pb	0.335 [1938]	0.547 [753]	-0.001 [1914]	-0.101 [1929]	0.014 [1938]	1.000 [1938]	0.628 [232]	0.028 [1870]	0.062 [1938]
Sb	0.005 [233]	0.814 [88]	0.034 [228]	-0.036 [231]	0.068 [233]	0.628 [232]	1.000 [233]	0.060 [230]	0.024 [233]
Sc	0.318 [1884]	0.046 [702]	0.099 [1862]	0.494 [1881]	0.079 [1884]	0.028 [1870]	0.060 [230]	1.000 [1884]	0.201 [1884]
Sr	0.015 [1952]	0.056 [754]	0.124 [1928]	0.045 [1943]	-0.180 [1952]	0.062 [1938]	0.024 [233]	0.201 [1884]	1.000 [1952]
Ti	-0.016 [1937]	-0.093 [742]	0.264 [1921]	0.625 [1932]	0.261 [1937]	-0.176 [1923]	-0.013 [227]	0.419 [1874]	-0.069 [1937]
Tl	0.206 [22]	0.669 [15]	-0.278 [22]	-0.127 [22]	-0.137 [22]	0.822 [22]	99.000 [0]	0.377 [22]	0.103 [22]
U	0.031 [22]	0.639 [15]	-0.207 [22]	-0.060 [22]	-0.168 [22]	0.775 [22]	99.000 [2]	0.342 [22]	0.300 [22]
V	0.069 [1952]	-0.068 [754]	0.079 [1928]	0.588 [1943]	0.219 [1952]	-0.130 [1938]	0.030 [233]	0.567 [1884]	0.014 [1952]
W	0.083 [194]	0.371 [82]	-0.015 [190]	0.164 [194]	0.109 [194]	0.298 [192]	0.585 [45]	0.391 [194]	0.332 [194]
Zn	0.356 [1952]	0.062 [754]	0.042 [1928]	0.004 [1943]	-0.076 [1952]	0.290 [1938]	0.100 [233]	0.210 [1884]	0.090 [1952]

Correlation matrix: (99.0 - undefined)
[Number of samples per variable pair]

LESS THAN VALUES NOT INCLUDED

	Ti	Tl	U	V	W	Zn
Au	0.003 [205]	-0.822 [3]	-1.000 [2]	0.049 [207]	-0.180 [33]	0.021 [207]
Ag	-0.104 [1341]	0.813 [20]	0.558 [22]	-0.060 [1353]	0.524 [124]	0.224 [1353]
Al	0.507 [1937]	0.121 [22]	-0.029 [22]	0.333 [1952]	0.342 [194]	0.291 [1952]
As	-0.140 [1066]	0.603 [16]	0.257 [13]	-0.069 [1077]	0.294 [124]	0.053 [1077]
Ba	-0.101 [1937]	0.189 [22]	0.396 [22]	-0.045 [1952]	0.339 [194]	0.384 [1952]
Be	-0.157 [378]	0.842 [13]	0.754 [14]	-0.131 [386]	0.049 [74]	0.334 [386]
Bi	-0.057 [397]	1.000 [5]	0.864 [6]	0.028 [401]	0.425 [47]	0.062 [401]
Ca	0.233 [1937]	0.132 [22]	0.316 [22]	0.337 [1952]	0.138 [194]	0.130 [1952]
Cd	-0.125 [359]	0.599 [7]	0.382 [12]	-0.015 [363]	0.305 [65]	0.509 [363]
Co	0.694 [1929]	-0.196 [21]	-0.368 [22]	0.804 [1940]	0.066 [194]	0.034 [1940]
Cr	0.603 [1936]	0.376 [22]	0.698 [22]	0.673 [1950]	0.079 [194]	0.034 [1950]
Cu	0.064 [1937]	0.440 [22]	0.395 [22]	0.149 [1952]	0.566 [194]	0.253 [1952]
Fe	0.333 [1937]	0.033 [22]	-0.296 [22]	0.550 [1952]	0.401 [194]	0.239 [1952]
Ga	-0.118 [763]	0.887 [14]	0.754 [18]	-0.061 [764]	0.148 [88]	0.169 [764]
Hg	0.093 [9]	99.000 [0]	99.000 [0]	0.037 [9]	99.000 [1]	-0.245 [9]
K	-0.066 [1937]	0.142 [22]	0.127 [22]	0.058 [1952]	0.359 [194]	0.131 [1952]
La	-0.197 [1371]	0.802 [22]	0.698 [18]	-0.136 [1385]	0.160 [138]	0.264 [1385]

Correlation matrix: (99.0 - undefined)
 [Number of samples per variable pair]

LESS THAN VALUES NOT INCLUDED

	Ti	Tl	U	V	W	Zn
Mg	0.718 [1937]	-0.140 [22]	-0.162 [22]	0.799 [1951]	0.083 [194]	0.017 [1951]
Mn	-0.016 [1937]	0.206 [22]	0.031 [22]	0.069 [1952]	0.083 [194]	0.356 [1952]
Mo	-0.093 [742]	0.669 [15]	0.639 [15]	-0.068 [754]	0.371 [82]	0.062 [754]
Na	0.264 [1921]	-0.278 [22]	-0.207 [22]	0.079 [1928]	-0.015 [190]	0.042 [1928]
Ni	0.625 [1932]	-0.127 [22]	-0.060 [22]	0.588 [1943]	0.164 [194]	0.004 [1943]
P	0.261 [1937]	-0.137 [22]	-0.168 [22]	0.219 [1952]	0.109 [194]	-0.076 [1952]
Pb	-0.176 [1923]	0.822 [22]	0.775 [22]	-0.130 [1938]	0.298 [192]	0.290 [1938]
Sb	-0.013 [227]	99.000 [0]	99.000 [2]	0.030 [233]	0.585 [45]	0.100 [233]
Sc	0.419 [1874]	0.377 [22]	0.342 [22]	0.567 [1884]	0.391 [194]	0.210 [1884]
Sr	-0.069 [1937]	0.103 [22]	0.300 [22]	0.014 [1952]	0.332 [194]	0.090 [1952]
Ti	1.000 [1937]	-0.171 [22]	-0.359 [22]	0.779 [1937]	-0.086 [190]	-0.052 [1937]
Tl	-0.171 [22]	1.000 [22]	0.956 [6]	-0.161 [22]	99.000 [3]	0.517 [22]
U	-0.359 [22]	0.956 [6]	1.000 [22]	-0.322 [22]	-0.224 [9]	0.109 [22]
V	0.779 [1937]	-0.161 [22]	-0.322 [22]	1.000 [1952]	0.003 [194]	-0.006 [1952]
W	-0.086 [190]	99.000 [3]	-0.224 [9]	0.003 [194]	1.000 [194]	0.268 [194]
Zn	-0.052 [1937]	0.517 [22]	0.109 [22]	-0.006 [1952]	0.268 [194]	1.000 [1952]

Correlation matrix: (99.0 - undefined)
 [Number of samples per variable pair]

	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd
Au	1.000 [1952]	0.069 [1952]	-0.020 [1952]	0.020 [1952]	0.050 [1952]	-0.006 [1952]	0.065 [1952]	0.024 [1952]	0.016 [1952]
Ag	0.069 [1952]	1.000 [1952]	0.089 [1952]	0.325 [1952]	0.216 [1952]	0.107 [1952]	0.820 [1952]	0.041 [1952]	0.228 [1952]
Al	-0.020 [1952]	0.089 [1952]	1.000 [1952]	0.052 [1952]	0.301 [1952]	0.129 [1952]	0.037 [1952]	0.159 [1952]	0.101 [1952]
As	0.020 [1952]	0.325 [1952]	0.052 [1952]	1.000 [1952]	0.240 [1952]	0.229 [1952]	0.307 [1952]	0.110 [1952]	0.051 [1952]
Ba	0.050 [1952]	0.216 [1952]	0.301 [1952]	0.240 [1952]	1.000 [1952]	0.202 [1952]	0.091 [1952]	0.390 [1952]	0.336 [1952]
Be	-0.006 [1952]	0.107 [1952]	0.129 [1952]	0.229 [1952]	0.202 [1952]	1.000 [1952]	0.025 [1952]	0.086 [1952]	0.140 [1952]
Bi	0.065 [1952]	0.820 [1952]	0.037 [1952]	0.307 [1952]	0.091 [1952]	0.025 [1952]	1.000 [1952]	0.007 [1952]	0.039 [1952]
Ca	0.024 [1952]	0.041 [1952]	0.159 [1952]	0.110 [1952]	0.390 [1952]	0.086 [1952]	0.007 [1952]	1.000 [1952]	0.253 [1952]
Cd	0.016 [1952]	0.228 [1952]	0.101 [1952]	0.051 [1952]	0.336 [1952]	0.140 [1952]	0.039 [1952]	0.253 [1952]	1.000 [1952]
Co	0.011 [1952]	-0.085 [1952]	0.474 [1952]	0.024 [1952]	0.099 [1952]	0.024 [1952]	-0.028 [1952]	0.338 [1952]	0.078 [1952]
Cr	0.021 [1952]	-0.023 [1952]	0.255 [1952]	-0.015 [1952]	0.035 [1952]	0.049 [1952]	0.015 [1952]	0.359 [1952]	0.052 [1952]
Cu	0.020 [1952]	0.208 [1952]	0.192 [1952]	0.207 [1952]	0.225 [1952]	0.158 [1952]	0.143 [1952]	0.184 [1952]	0.226 [1952]
Fe	0.062 [1952]	0.313 [1952]	0.413 [1952]	0.395 [1952]	0.407 [1952]	0.127 [1952]	0.249 [1952]	0.311 [1952]	0.150 [1952]
Ga	0.010 [1952]	0.131 [1952]	0.035 [1952]	0.111 [1952]	0.132 [1952]	0.541 [1952]	0.026 [1952]	0.113 [1952]	0.165 [1952]
Hg	-0.003 [1952]	-0.007 [1952]	0.009 [1952]	-0.011 [1952]	-0.006 [1952]	-0.005 [1952]	-0.003 [1952]	-0.004 [1952]	-0.004 [1952]
K	0.067 [1952]	0.200 [1952]	-0.116 [1952]	0.263 [1952]	0.416 [1952]	0.125 [1952]	0.094 [1952]	0.445 [1952]	0.128 [1952]
La	0.006 [1952]	0.136 [1952]	-0.012 [1952]	0.104 [1952]	0.210 [1952]	0.549 [1952]	0.017 [1952]	0.111 [1952]	0.205 [1952]

Correlation matrix: (99.0 - undefined)
[Number of samples per variable pair]

	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd
Mg	0.013 [1952]	-0.075 [1952]	0.348 [1952]	-0.021 [1952]	0.058 [1952]	-0.031 [1952]	-0.017 [1952]	0.405 [1952]	0.023 [1952]
Mn	0.058 [1952]	0.146 [1952]	0.178 [1952]	0.175 [1952]	0.362 [1952]	0.228 [1952]	0.031 [1952]	0.146 [1952]	0.458 [1952]
Mo	0.045 [1952]	0.579 [1952]	-0.001 [1952]	0.468 [1952]	0.128 [1952]	0.095 [1952]	0.664 [1952]	0.133 [1952]	0.042 [1952]
Na	-0.028 [1952]	0.001 [1952]	0.384 [1952]	0.046 [1952]	0.255 [1952]	-0.008 [1952]	-0.006 [1952]	0.505 [1952]	-0.010 [1952]
Ni	-0.003 [1952]	-0.043 [1952]	0.403 [1952]	0.022 [1952]	0.077 [1952]	0.027 [1952]	-0.002 [1952]	0.276 [1952]	0.034 [1952]
P	0.007 [1952]	0.029 [1952]	0.345 [1952]	0.033 [1952]	-0.038 [1952]	-0.066 [1952]	0.025 [1952]	-0.020 [1952]	0.046 [1952]
Pb	0.088 [1952]	0.569 [1952]	-0.024 [1952]	0.313 [1952]	0.257 [1952]	0.111 [1952]	0.270 [1952]	0.113 [1952]	0.351 [1952]
Sb	0.021 [1952]	0.281 [1952]	0.013 [1952]	0.305 [1952]	0.040 [1952]	-0.014 [1952]	0.290 [1952]	0.172 [1952]	0.029 [1952]
Sc	0.011 [1952]	0.074 [1952]	0.474 [1952]	0.152 [1952]	0.351 [1952]	0.170 [1952]	0.026 [1952]	0.498 [1952]	0.211 [1952]
Sr	-0.005 [1952]	0.049 [1952]	-0.046 [1952]	0.095 [1952]	0.249 [1952]	0.089 [1952]	0.010 [1952]	0.316 [1952]	0.175 [1952]
Ti	-0.010 [1952]	-0.105 [1952]	0.519 [1952]	-0.117 [1952]	-0.131 [1952]	-0.101 [1952]	-0.033 [1952]	0.231 [1952]	-0.087 [1952]
Tl	-0.002 [1952]	0.057 [1952]	0.010 [1952]	0.046 [1952]	0.022 [1952]	0.561 [1952]	0.010 [1952]	0.018 [1952]	0.063 [1952]
U	-0.002 [1952]	0.061 [1952]	0.044 [1952]	0.036 [1952]	0.066 [1952]	0.523 [1952]	0.008 [1952]	0.089 [1952]	0.184 [1952]
V	0.034 [1952]	-0.065 [1952]	0.333 [1952]	-0.033 [1952]	-0.045 [1952]	-0.079 [1952]	0.014 [1952]	0.337 [1952]	-0.009 [1952]
W	0.013 [1952]	0.148 [1952]	0.211 [1952]	0.146 [1952]	0.203 [1952]	0.091 [1952]	0.038 [1952]	0.158 [1952]	0.212 [1952]
Zn	0.033 [1952]	0.223 [1952]	0.291 [1952]	0.070 [1952]	0.384 [1952]	0.245 [1952]	0.049 [1952]	0.130 [1952]	0.497 [1952]

Correlation matrix: (99.0 - undefined)
 [Number of samples per variable pair]

	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
Au	0.011 [1952]	0.021 [1952]	0.020 [1952]	0.062 [1952]	0.010 [1952]	-0.003 [1952]	0.067 [1952]	0.006 [1952]	0.013 [1952]
Ag	-0.085 [1952]	-0.023 [1952]	0.208 [1952]	0.313 [1952]	0.131 [1952]	-0.007 [1952]	0.200 [1952]	0.136 [1952]	-0.075 [1952]
Al	0.474 [1952]	0.255 [1952]	0.192 [1952]	0.413 [1952]	0.035 [1952]	0.009 [1952]	-0.116 [1952]	-0.012 [1952]	0.348 [1952]
As	0.024 [1952]	-0.015 [1952]	0.207 [1952]	0.395 [1952]	0.111 [1952]	-0.011 [1952]	0.263 [1952]	0.104 [1952]	-0.021 [1952]
Ba	0.099 [1952]	0.035 [1952]	0.225 [1952]	0.407 [1952]	0.132 [1952]	-0.006 [1952]	0.416 [1952]	0.210 [1952]	0.058 [1952]
Be	0.024 [1952]	0.049 [1952]	0.158 [1952]	0.127 [1952]	0.541 [1952]	-0.005 [1952]	0.125 [1952]	0.549 [1952]	-0.031 [1952]
Bi	-0.028 [1952]	0.015 [1952]	0.143 [1952]	0.249 [1952]	0.026 [1952]	-0.003 [1952]	0.094 [1952]	0.017 [1952]	-0.017 [1952]
Ca	0.338 [1952]	0.359 [1952]	0.184 [1952]	0.311 [1952]	0.113 [1952]	-0.004 [1952]	0.445 [1952]	0.111 [1952]	0.405 [1952]
Cd	0.078 [1952]	0.052 [1952]	0.226 [1952]	0.150 [1952]	0.165 [1952]	-0.004 [1952]	0.128 [1952]	0.205 [1952]	0.023 [1952]
Co	1.000 [1952]	0.669 [1952]	0.229 [1952]	0.577 [1952]	-0.023 [1952]	0.039 [1952]	0.119 [1952]	-0.113 [1952]	0.838 [1952]
Cr	0.669 [1952]	1.000 [1952]	0.183 [1952]	0.393 [1952]	0.103 [1952]	0.016 [1952]	0.212 [1952]	0.052 [1952]	0.812 [1952]
Cu	0.229 [1952]	0.183 [1952]	1.000 [1952]	0.357 [1952]	0.101 [1952]	-0.005 [1952]	0.167 [1952]	0.115 [1952]	0.177 [1952]
Fe	0.577 [1952]	0.393 [1952]	0.357 [1952]	1.000 [1952]	0.082 [1952]	0.006 [1952]	0.459 [1952]	0.046 [1952]	0.479 [1952]
Ga	-0.023 [1952]	0.103 [1952]	0.101 [1952]	0.082 [1952]	1.000 [1952]	-0.003 [1952]	0.159 [1952]	0.823 [1952]	-0.019 [1952]
Hg	0.039 [1952]	0.016 [1952]	-0.005 [1952]	0.006 [1952]	-0.003 [1952]	1.000 [1952]	-0.021 [1952]	-0.009 [1952]	0.020 [1952]
K	0.119 [1952]	0.212 [1952]	0.167 [1952]	0.459 [1952]	0.159 [1952]	-0.021 [1952]	1.000 [1952]	0.229 [1952]	0.244 [1952]
La	-0.113 [1952]	0.052 [1952]	0.115 [1952]	0.046 [1952]	0.823 [1952]	-0.009 [1952]	0.229 [1952]	1.000 [1952]	-0.090 [1952]

Correlation matrix: (99.0 - undefined)
 [Number of samples per variable pair]

	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
Mg	0.838 [1952]	0.812 [1952]	0.177 [1952]	0.479 [1952]	-0.019 [1952]	0.020 [1952]	0.244 [1952]	-0.090 [1952]	1.000 [1952]
Mn	0.306 [1952]	0.051 [1952]	0.226 [1952]	0.376 [1952]	0.083 [1952]	0.000 [1952]	0.258 [1952]	0.135 [1952]	0.104 [1952]
Mo	-0.071 [1952]	-0.035 [1952]	0.147 [1952]	0.337 [1952]	0.189 [1952]	-0.004 [1952]	0.318 [1952]	0.138 [1952]	-0.061 [1952]
Na	0.098 [1952]	0.064 [1952]	0.028 [1952]	0.089 [1952]	0.005 [1952]	-0.002 [1952]	0.115 [1952]	-0.032 [1952]	0.067 [1952]
Ni	0.702 [1952]	0.841 [1952]	0.192 [1952]	0.368 [1952]	-0.007 [1952]	0.014 [1952]	0.143 [1952]	-0.068 [1952]	0.814 [1952]
P	0.298 [1952]	0.063 [1952]	0.028 [1952]	0.165 [1952]	-0.039 [1952]	0.017 [1952]	-0.074 [1952]	-0.157 [1952]	0.147 [1952]
Pb	-0.122 [1952]	-0.073 [1952]	0.195 [1952]	0.320 [1952]	0.184 [1952]	-0.008 [1952]	0.404 [1952]	0.202 [1952]	-0.117 [1952]
Sb	-0.002 [1952]	0.007 [1952]	0.091 [1952]	0.233 [1952]	0.147 [1952]	-0.003 [1952]	0.234 [1952]	0.073 [1952]	0.016 [1952]
Sc	0.672 [1952]	0.553 [1952]	0.336 [1952]	0.624 [1952]	0.143 [1952]	-0.004 [1952]	0.339 [1952]	0.138 [1952]	0.650 [1952]
Sr	-0.010 [1952]	0.106 [1952]	0.083 [1952]	0.175 [1952]	0.132 [1952]	-0.002 [1952]	0.352 [1952]	0.268 [1952]	0.088 [1952]
Ti	0.698 [1952]	0.611 [1952]	0.062 [1952]	0.300 [1952]	-0.075 [1952]	0.014 [1952]	-0.112 [1952]	-0.214 [1952]	0.720 [1952]
Tl	-0.023 [1952]	0.077 [1952]	0.032 [1952]	-0.005 [1952]	0.750 [1952]	-0.001 [1952]	0.036 [1952]	0.605 [1952]	-0.019 [1952]
U	-0.024 [1952]	0.081 [1952]	0.050 [1952]	-0.015 [1952]	0.666 [1952]	-0.002 [1952]	0.027 [1952]	0.548 [1952]	-0.013 [1952]
V	0.808 [1952]	0.675 [1952]	0.149 [1952]	0.550 [1952]	-0.038 [1952]	0.022 [1952]	0.058 [1952]	-0.150 [1952]	0.799 [1952]
W	0.069 [1952]	0.060 [1952]	0.137 [1952]	0.249 [1952]	0.175 [1952]	-0.003 [1952]	0.208 [1952]	0.140 [1952]	0.077 [1952]
Zn	0.040 [1952]	0.036 [1952]	0.253 [1952]	0.239 [1952]	0.172 [1952]	-0.015 [1952]	0.131 [1952]	0.278 [1952]	0.017 [1952]

Correlation matrix: (99.0 - undefined)
 [Number of samples per variable pair]

	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr
Mg	0.104 [1952]	-0.061 [1952]	0.067 [1952]	0.814 [1952]	0.147 [1952]	-0.117 [1952]	0.016 [1952]	0.650 [1952]	0.088 [1952]
Mn	1.000 [1952]	0.042 [1952]	-0.020 [1952]	0.079 [1952]	0.168 [1952]	0.336 [1952]	0.016 [1952]	0.323 [1952]	0.015 [1952]
Mo	0.042 [1952]	1.000 [1952]	0.013 [1952]	-0.047 [1952]	0.028 [1952]	0.505 [1952]	0.648 [1952]	0.031 [1952]	0.056 [1952]
Na	-0.020 [1952]	0.013 [1952]	1.000 [1952]	0.105 [1952]	0.177 [1952]	-0.012 [1952]	0.035 [1952]	0.111 [1952]	0.123 [1952]
Ni	0.079 [1952]	-0.047 [1952]	0.105 [1952]	1.000 [1952]	0.167 [1952]	-0.110 [1952]	-0.006 [1952]	0.511 [1952]	0.034 [1952]
P	0.168 [1952]	0.028 [1952]	0.177 [1952]	0.167 [1952]	1.000 [1952]	0.014 [1952]	0.051 [1952]	0.106 [1952]	-0.180 [1952]
Pb	0.336 [1952]	0.505 [1952]	-0.012 [1952]	-0.110 [1952]	0.014 [1952]	1.000 [1952]	0.349 [1952]	0.022 [1952]	0.063 [1952]
Sb	0.016 [1952]	0.648 [1952]	0.035 [1952]	-0.006 [1952]	0.051 [1952]	0.349 [1952]	1.000 [1952]	0.037 [1952]	0.021 [1952]
Sc	0.323 [1952]	0.031 [1952]	0.111 [1952]	0.511 [1952]	0.106 [1952]	0.022 [1952]	0.037 [1952]	1.000 [1952]	0.200 [1952]
Sr	0.015 [1952]	0.056 [1952]	0.123 [1952]	0.034 [1952]	-0.180 [1952]	0.063 [1952]	0.021 [1952]	0.200 [1952]	1.000 [1952]
Ti	-0.054 [1952]	-0.107 [1952]	0.278 [1952]	0.632 [1952]	0.261 [1952]	-0.201 [1952]	0.013 [1952]	0.443 [1952]	-0.072 [1952]
Tl	0.031 [1952]	0.048 [1952]	-0.018 [1952]	-0.011 [1952]	-0.025 [1952]	0.073 [1952]	-0.003 [1952]	0.063 [1952]	0.033 [1952]
U	0.022 [1952]	0.047 [1952]	-0.012 [1952]	0.008 [1952]	-0.028 [1952]	0.058 [1952]	-0.005 [1952]	0.113 [1952]	0.071 [1952]
V	0.069 [1952]	-0.066 [1952]	0.090 [1952]	0.592 [1952]	0.219 [1952]	-0.130 [1952]	0.031 [1952]	0.580 [1952]	0.014 [1952]
W	0.079 [1952]	0.222 [1952]	0.013 [1952]	0.065 [1952]	0.044 [1952]	0.195 [1952]	0.243 [1952]	0.253 [1952]	0.087 [1952]
Zn	0.356 [1952]	0.055 [1952]	0.039 [1952]	0.008 [1952]	-0.076 [1952]	0.292 [1952]	0.023 [1952]	0.219 [1952]	0.090 [1952]

Correlation matrix: (99.0 - undefined)
[Number of samples per variable pair]

	Ti	Tl	U	V	W	Zn
Au	-0.010	-0.002	-0.002	0.034	0.013	0.033
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
Ag	-0.105	0.057	0.061	-0.065	0.148	0.223
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
Al	0.519	0.010	0.044	0.333	0.211	0.291
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
As	-0.117	0.046	0.036	-0.033	0.146	0.070
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
Ba	-0.131	0.022	0.066	-0.045	0.203	0.384
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
Be	-0.101	0.561	0.523	-0.079	0.091	0.245
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
Bi	-0.033	0.010	0.008	0.014	0.038	0.049
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
Ca	0.231	0.018	0.089	0.337	0.158	0.130
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
Cd	-0.087	0.063	0.184	-0.009	0.212	0.497
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
Co	0.698	-0.023	-0.024	0.808	0.069	0.040
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
Cr	0.611	0.077	0.081	0.675	0.060	0.036
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
Cu	0.062	0.032	0.050	0.149	0.137	0.253
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
Fe	0.300	-0.005	-0.015	0.550	0.249	0.239
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
Ga	-0.075	0.750	0.666	-0.038	0.175	0.172
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
Hg	0.014	-0.001	-0.002	0.022	-0.003	-0.015
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
K	-0.112	0.036	0.027	0.058	0.208	0.131
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]
La	-0.214	0.605	0.548	-0.150	0.140	0.278
	[1952]	[1952]	[1952]	[1952]	[1952]	[1952]

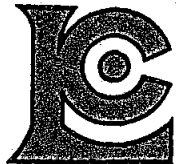
Correlation matrix: (99.0 - undefined)
[Number of samples per variable pair]

	Ti	Tl	U	V	W	Zn
Mg	0.720 [1952]	-0.019 [1952]	-0.013 [1952]	0.799 [1952]	0.077 [1952]	0.017 [1952]
Mn	-0.054 [1952]	0.031 [1952]	0.022 [1952]	0.069 [1952]	0.079 [1952]	0.356 [1952]
Mo	-0.107 [1952]	0.048 [1952]	0.047 [1952]	-0.066 [1952]	0.222 [1952]	0.055 [1952]
Na	0.278 [1952]	-0.018 [1952]	-0.012 [1952]	0.090 [1952]	0.013 [1952]	0.039 [1952]
Ni	0.632 [1952]	-0.011 [1952]	0.008 [1952]	0.592 [1952]	0.065 [1952]	0.008 [1952]
P	0.261 [1952]	-0.025 [1952]	-0.028 [1952]	0.219 [1952]	0.044 [1952]	-0.076 [1952]
Pb	-0.201 [1952]	0.073 [1952]	0.058 [1952]	-0.130 [1952]	0.195 [1952]	0.292 [1952]
Sb	0.013 [1952]	-0.003 [1952]	-0.005 [1952]	0.031 [1952]	0.243 [1952]	0.023 [1952]
Sc	0.443 [1952]	0.063 [1952]	0.113 [1952]	0.580 [1952]	0.253 [1952]	0.219 [1952]
Sr	-0.072 [1952]	0.033 [1952]	0.071 [1952]	0.014 [1952]	0.087 [1952]	0.090 [1952]
Ti	1.000 [1952]	-0.036 [1952]	-0.041 [1952]	0.787 [1952]	0.014 [1952]	-0.056 [1952]
Tl	-0.036 [1952]	1.000 [1952]	0.843 [1952]	-0.030 [1952]	-0.003 [1952]	0.074 [1952]
U	-0.041 [1952]	0.843 [1952]	1.000 [1952]	-0.038 [1952]	-0.004 [1952]	0.083 [1952]
V	0.787 [1952]	-0.030 [1952]	-0.038 [1952]	1.000 [1952]	0.045 [1952]	-0.006 [1952]
W	0.014 [1952]	-0.003 [1952]	-0.004 [1952]	0.045 [1952]	1.000 [1952]	0.213 [1952]
Zn	-0.056 [1952]	0.074 [1952]	0.083 [1952]	-0.006 [1952]	0.213 [1952]	1.000 [1952]

TAB

6

APPENDIX VI
ANALYTICAL CERTIFICATES



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9325082

Comments:

CERTIFICATE

A9325082

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 27-NOV-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	28	Geochem ring to approx 150 mesh
274	28	0-15 lb crush and split
229	28	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	28	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	28	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	28	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	28	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	28	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	28	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	28	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	28	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	28	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	28	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	28	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	28	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	28	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	28	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	28	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	28	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	28	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	28	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	28	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	28	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	28	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	28	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	28	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	28	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	28	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	28	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	28	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	28	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	28	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	28	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	28	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	28	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	28	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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 PHONE: 604-984-0221

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 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Page Number : 1-A
 Total Pages : 1
 Certificate Date: 27-NOV-93
 Invoice No. : I9325082
 P.O. Number :
 Account : KAR

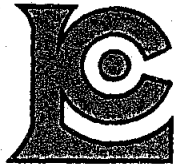
Project : SIWASH
 Comments:

CERTIFICATE OF ANALYSIS

A9325082

SAMPLE	PREP		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
460614	205	274	< 5	3.2	1.89	< 2	360	< 0.5	< 2	1.64	0.5	14	119	605	2.75	10	< 1	0.42	< 10	0.93	3380
460615	205	274	< 5	0.8	1.55	4	230	< 0.5	2	0.84	2.5	7	86	39	2.04	10	1	0.58	10	0.41	5710
460616	205	274	< 5	0.2	1.03	< 2	200	< 0.5	2	0.56	7.0	7	78	49	1.80	< 10	1	0.50	10	0.21	8420
460617	205	274	< 5	4.2	1.60	< 2	170	< 0.5	2	1.51	5.5	6	52	232	3.46	10	< 1	0.49	< 10	0.54	7100
460618	205	274	< 5	1.0	1.57	< 2	440	< 0.5	2	0.50	2.5	8	77	131	2.67	10	1	0.50	10	0.62	5940
460619	205	274	< 5	0.8	1.59	< 2	950	< 0.5	2	1.72	1.5	7	80	46	2.41	10	< 1	0.44	< 10	0.65	1590
460620	205	274	< 5	1.2	1.83	4	150	< 0.5	2	2.24	8.0	6	101	113	2.90	10	1	0.66	< 10	0.59	7410
460621	205	274	30	3.6	1.46	< 2	70	< 0.5	< 2	1.37	0.5	46	132	411	4.49	10	< 1	0.32	< 10	0.68	1345
460622	205	274	130	13.4	1.86	4	60	< 0.5	< 2	2.65	< 0.5	25	84	4430	4.79	10	< 1	0.37	< 10	0.86	2110
460623	205	274	< 5	1.2	0.70	16	430	< 0.5	4	0.19	2.0	4	98	34	2.36	< 10	< 1	0.52	20	0.03	3220
460624	205	274	< 5	0.4	0.64	2	280	< 0.5	< 2	0.22	1.0	3	110	23	1.74	< 10	< 1	0.41	20	0.04	1940
460625	205	274	< 5	1.6	0.70	14	230	< 0.5	4	0.21	0.5	4	99	21	3.22	< 10	< 1	0.53	20	0.11	3130
460626	205	274	< 5	2.0	0.74	8	270	< 0.5	2	0.17	1.5	3	103	28	4.08	< 10	< 1	0.56	20	0.04	2340
460627	205	274	20	6.8	0.66	26	220	< 0.5	8	0.15	7.5	4	98	86	3.56	< 10	< 1	0.54	10	0.08	1385
460628	205	274	495	8.2	0.60	18	220	< 0.5	6	0.15	8.5	3	103	150	5.82	< 10	< 1	0.43	< 10	0.10	2990
460629	205	274	< 5	1.6	0.64	< 2	130	< 0.5	2	0.17	3.5	2	83	18	4.82	< 10	< 1	0.55	10	0.12	2070
460630	205	274	< 5	2.0	0.51	6	230	< 0.5	< 2	0.16	1.0	3	98	67	1.97	< 10	< 1	0.49	20	0.02	2220
460631	205	274	< 5	0.6	0.58	8	240	< 0.5	< 2	0.16	1.0	2	106	21	1.64	< 10	< 1	0.46	20	0.02	2280
460632	205	274	< 5	< 0.2	0.54	8	170	< 0.5	< 2	0.18	1.0	2	88	9	2.26	< 10	< 1	0.32	20	0.02	2320
460633	205	274	10	1.0	0.64	10	290	< 0.5	< 2	0.15	1.0	2	83	17	3.40	< 10	< 1	0.56	20	0.02	2160
460634	205	274	< 5	0.8	0.70	4	310	< 0.5	< 2	0.16	1.0	2	124	40	2.26	< 10	< 1	0.52	20	0.02	2680
460635	205	274	< 5	< 0.2	0.79	< 2	200	< 0.5	< 2	0.20	< 0.5	2	101	6	1.69	< 10	< 1	0.28	20	0.13	1375
460636	205	274	< 5	0.2	0.61	< 2	200	< 0.5	< 2	0.21	1.0	2	100	10	1.68	< 10	< 1	0.28	20	0.08	1865
460637	205	274	< 5	0.4	0.67	8	310	< 0.5	< 2	0.23	1.5	4	94	27	2.37	< 10	< 1	0.37	20	0.07	2950
460638	205	274	< 5	0.4	0.60	28	280	< 0.5	< 2	0.21	1.0	4	106	20	2.07	< 10	< 1	0.40	20	0.04	1750
460639	205	274	15	2.2	0.51	40	250	< 0.5	< 2	0.16	1.0	3	90	26	1.69	< 10	< 1	0.41	20	0.03	1925
460640	205	274	35	13.8	0.49	18	230	< 0.5	4	0.21	17.0	3	99	228	6.47	< 10	< 1	0.34	< 10	0.18	4100
460641	205	274	40	6.8	0.49	26	20	< 0.5	< 2	0.01	34.5	4	148	222	8.96	< 10	< 1	0.28	< 10	0.02	435

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

To: INTERNATIONAL TOWER HILL MINES **
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Page Number : 1-B
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 Certificate Date: 27-NOV-93
 Invoice No. : I9325082
 P.O. Number :
 Account : KAR

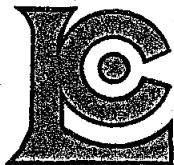
Project : SIWASH
 Comments:

CERTIFICATE OF ANALYSIS

A9325082

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
460614	205 274	11	0.04	7	770	182	< 2	3	60	< 0.01	< 10	< 10	40	< 10	852
460615	205 274	2	0.01	3	880	144	< 2	2	35	< 0.01	< 10	< 10	17	< 10	1690
460616	205 274	1	< 0.01	2	860	408	< 2	1	21	< 0.01	< 10	< 10	11	< 10	2900
460617	205 274	< 1	0.01	2	680	>10000	< 2	1	60	< 0.01	< 10	< 10	20	< 10	2470
460618	205 274	1	0.01	3	900	1940	< 2	1	23	< 0.01	< 10	< 10	21	< 10	1510
460619	205 274	< 1	0.04	3	860	168	< 2	2	84	< 0.01	< 10	< 10	30	< 10	1555
460620	205 274	< 1	< 0.01	2	840	3800	< 2	2	68	< 0.01	< 10	< 10	19	< 10	3830
460621	205 274	1	0.03	5	620	102	< 2	2	45	< 0.01	< 10	< 10	26	< 10	1040
460622	205 274	114	0.01	4	530	68	< 2	2	115	< 0.01	< 10	< 10	23	< 10	392
460623	205 274	4	< 0.01	2	450	384	< 2	1	16	< 0.01	< 10	< 10	6	< 10	1200
460624	205 274	3	0.04	2	450	234	< 2	1	15	< 0.01	< 10	< 10	9	< 10	782
460625	205 274	5	0.01	2	390	828	< 2	1	13	< 0.01	< 10	< 10	9	< 10	1160
460626	205 274	3	< 0.01	2	400	242	< 2	1	11	< 0.01	< 10	< 10	7	< 10	1070
460627	205 274	3	< 0.01	2	340	2600	< 2	< 1	10	< 0.01	< 10	< 10	4	< 10	3880
460628	205 274	4	< 0.01	3	310	3560	< 2	1	10	< 0.01	< 10	< 10	4	< 10	4200
460629	205 274	2	< 0.01	1	380	610	< 2	< 1	8	< 0.01	< 10	< 10	4	< 10	1420
460630	205 274	3	< 0.01	3	430	510	< 2	< 1	13	< 0.01	< 10	< 10	6	< 10	1070
460631	205 274	3	0.01	2	420	632	< 2	< 1	12	< 0.01	< 10	< 10	5	< 10	952
460632	205 274	3	0.01	2	450	124	< 2	1	15	< 0.01	< 10	< 10	6	< 10	802
460633	205 274	4	< 0.01	2	420	650	< 2	< 1	12	< 0.01	< 10	< 10	5	< 10	1250
460634	205 274	3	< 0.01	2	430	598	< 2	1	14	< 0.01	< 10	10	5	< 10	1235
460635	205 274	2	0.06	2	490	34	< 2	1	15	< 0.01	< 10	10	14	< 10	308
460636	205 274	3	0.03	2	440	60	< 2	1	15	< 0.01	< 10	10	13	< 10	468
460637	205 274	5	0.01	2	460	554	< 2	1	16	< 0.01	< 10	10	10	< 10	804
460638	205 274	3	< 0.01	3	450	196	< 2	1	14	< 0.01	< 10	10	11	< 10	610
460639	205 274	3	< 0.01	2	380	278	< 2	< 1	14	< 0.01	< 10	10	7	< 10	802
460640	205 274	4	< 0.01	1	170	>10000	< 2	1	11	< 0.01	< 10	< 10	4	< 10	9150
460641	205 274	7	< 0.01	3	70	620	< 2	< 1	10	< 0.01	< 10	< 10	3	< 10	>10000

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: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9325035

Comments:

CERTIFICATE

A9325035

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O.#:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-NOV-93.

SAMPLE PREPARATION

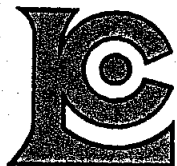
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	11	Geochem ring to approx 150 mesh
274	11	0-15 lb crush and split
229	11	ICP - AQ Digestion charge

* 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	11	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	11	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	11	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	11	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	11	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	11	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	11	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	11	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	11	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	11	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	11	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	11	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	11	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	11	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	11	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	11	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	11	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	11	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	11	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	11	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	11	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	11	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	11	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	11	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	11	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	11	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	11	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	11	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	11	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	11	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	11	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	11	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	11	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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PHONE: 604-984-0221

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project: SIWASH
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Account :KAR

CERTIFICATE OF ANALYSIS A9325035

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
460980	205 274	15	2.2	0.71	8	410	1.0	< 2	0.17	2.5	7	78	118	1.80	< 10	1	0.56	40	0.06	4270
460981	205 274	< 5	3.4	0.65	14	110	0.5	4	0.08	0.5	1	123	183	1.16	< 10	< 1	0.70	20	0.03	75
460982	205 274	15	4.6	0.71	12	170	0.5	4	0.07	0.5	1	136	261	1.62	< 10	< 1	0.66	30	0.03	115
460983	205 274	10	3.8	0.74	12	360	0.5	< 2	0.31	5.5	3	97	195	1.41	< 10	< 1	0.58	40	0.05	4000
460984	205 274	20	5.4	0.77	6	420	0.5	8	0.09	3.0	3	108	160	2.91	< 10	< 1	0.62	40	0.03	1310
460985	205 274	< 5	9.8	0.51	10	420	< 0.5	14	0.05	< 0.5	1	159	39	1.34	< 10	< 1	0.45	10	0.03	210
460986	205 274	40	9.4	0.42	14	540	< 0.5	8	0.04	< 0.5	3	180	176	2.08	< 10	< 1	0.34	10	0.03	140
460987	205 274	10	5.4	1.60	20	440	0.5	4	0.22	1.5	7	76	399	3.02	< 10	< 1	0.48	40	0.40	2390
460988	205 274	< 5	2.2	0.87	24	200	1.0	< 2	0.17	2.0	4	108	160	2.13	< 10	< 1	0.51	30	0.10	4010
460989	205 274	< 5	< 0.2	1.28	8	200	0.5	< 2	0.31	0.5	6	106	18	1.57	< 10	< 1	0.38	30	0.45	1415
460990	205 274	40	10.4	0.30	24	490	< 0.5	6	0.03	1.0	1	213	268	3.36	< 10	< 1	0.25	< 10	0.01	160

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project : SIWASH
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CERTIFICATE OF ANALYSIS

A9325035

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460980	205	274	3 < 0.01		4	620	1540	2	2	17 < 0.01	10	< 10	10	< 10		1650
460981	205	274	1 < 0.01		2	410	706	2	1	15 < 0.01	< 10	< 10	7	< 10		334
460982	205	274	< 1 < 0.01		1	470	772	< 2	1	32 < 0.01	< 10	< 10	7	< 10		418
460983	205	274	2 < 0.01		4	730	1700	2	1	27 < 0.01	< 10	< 10	6	< 10		2670
460984	205	274	1 < 0.01		4	580	1225	2	1	36 < 0.01	< 10	< 10	9	< 10		1265
460985	205	274	2 < 0.01		2	150	1525	< 2	< 1	12 < 0.01	< 10	< 10	7	< 10		170
460986	205	274	2 < 0.01		3	210	2490	4	< 1	16 < 0.01	< 10	< 10	8	< 10		362
460987	205	274	1 < 0.01		6	890	2160	2	3	24 < 0.01	10	< 10	30	< 10		2040
460988	205	274	1 < 0.01		3	670	3480	2	2	12 < 0.01	10	< 10	13	< 10		1510
460989	205	274	< 1 0.03		11	590	158	2	2	26 < 0.01	10	< 10	20	< 10		518
460990	205	274	1 < 0.01		6	250	1875	6	< 1	10 < 0.01	< 10	< 10	6	< 10		688

CERTIFICATION:

Hart Bichler



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PHONE: 604-984-0221

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711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9325034

Comments:

CERTIFICATE

A9325034

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-NOV-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	17	Geochem ring to approx 150 mesh
274	17	0-15 lb crush and split
229	17	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	17	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	17	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	17	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	17	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	17	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	17	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	17	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	17	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	17	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	17	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	17	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	17	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	17	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	17	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	17	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	17	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	17	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	17	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	17	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	17	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	17	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	17	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	17	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	17	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	17	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	17	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	17	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	17	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	17	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	17	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	17	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	17	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	17	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

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

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 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

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Project : SIWASH
 Comments:

CERTIFICATE OF ANALYSIS A9325034

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
460607	205 274	< 5	2.4	0.70	6	160	< 0.5	2	0.26	< 0.5	2	88	27	1.69	< 10	< 1	0.48	20	0.03	85
460608	205 274	< 5	3.6	1.86	4	970	< 0.5	4	1.05	0.5	2	95	40	2.33	< 10	< 1	1.08	30	0.08	240
460609	205 274	< 5	3.0	3.17	< 2	1350	0.5	< 2	3.40	0.5	3	55	37	1.70	< 10	< 1	1.63	30	0.15	250
460610	205 274	< 5	3.4	3.83	12	2620	0.5	4	6.24	< 0.5	3	78	40	1.70	< 10	< 1	2.06	10	0.14	195
460611	205 274	< 5	1.8	0.57	4	490	0.5	< 2	0.19	3.5	3	42	112	1.81	< 10	< 1	0.43	30	0.03	3270
460612	205 274	35	11.4	0.57	36	180	< 0.5	14	0.08	8.5	8	116	258	3.00	< 10	< 1	0.38	10	0.04	415
460613	205 274	10	6.4	0.66	8	150	< 0.5	10	0.12	8.5	4	58	528	1.63	< 10	< 1	0.48	30	0.03	1020
460991	205 274	45	7.6	0.33	20	230	< 0.5	2	0.03	< 0.5	1	218	45	2.65	< 10	< 1	0.30	< 10	0.01	270
460992	205 274	100	108.0	0.15	54	260	< 0.5	62	0.02	< 0.5	2	142	793	2.65	< 10	< 1	0.19	< 10	< 0.01	200
460993	205 274	50	37.2	0.30	12	130	< 0.5	14	0.02	1.0	2	224	176	2.65	< 10	< 1	0.22	< 10	0.01	85
460994	205 274	10	12.8	0.51	2	120	< 0.5	22	0.06	< 0.5	4	85	32	1.52	< 10	< 1	0.57	20	0.02	110
460995	205 274	15	7.2	0.61	6	190	< 0.5	14	0.03	< 0.5	2	114	48	1.86	< 10	< 1	0.62	20	0.02	85
460996	205 274	25	5.8	0.66	4	630	< 0.5	8	0.04	0.5	4	96	263	2.10	< 10	< 1	0.54	20	0.03	130
460997	205 274	20	6.0	0.53	12	340	< 0.5	6	0.06	< 0.5	3	141	44	2.98	< 10	< 1	0.41	10	0.04	105
460998	205 274	65	37.2	0.24	20	320	< 0.5	14	0.02	< 0.5	3	161	115	2.11	< 10	< 1	0.20	< 10	0.01	70
460999	205 274	140	60.6	0.34	30	510	< 0.5	18	0.09	< 0.5	4	186	1050	2.69	< 10	< 1	0.23	10	0.07	95
461000	205 274	260	125.0	0.24	54	660	< 0.5	28	0.03	< 0.5	4	152	775	3.29	< 10	< 1	0.21	< 10	0.02	105

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
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CERTIFICATE OF ANALYSIS

A9325034

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460607	205	274	4 < 0.01		17	170	222	< 2	< 1	14 < 0.01	< 10	< 10		5	< 10	290
460608	205	274	2 0.01		3	240	300	2	1	30 < 0.01	< 10	< 10		11	< 10	444
460609	205	274	2 0.04		4	370	356	4	2	49 0.01	10	< 10		21	< 10	386
460610	205	274	2 0.02		2	290	528	4	2	71 0.02	10	< 10		20	< 10	350
460611	205	274	< 1 < 0.01		3	870	2060	2	1	15 < 0.01	< 10	< 10		6	< 10	1230
460612	205	274	12 0.01		3	330	3060	6	1	25 < 0.01	< 10	< 10		12	< 10	3700
460613	205	274	1 < 0.01		3	670	700	< 2	1	15 < 0.01	< 10	< 10		9	< 10	2590
460991	205	274	2 < 0.01		3	60	302	< 2	< 1	10 < 0.01	< 10	< 10		4	< 10	330
460992	205	274	31 < 0.01		3	30	1910	332	< 1	9 < 0.01	< 10	< 10		2	360	226
460993	205	274	6 < 0.01		6	10	3470	8	< 1	6 < 0.01	< 10	< 10		4	< 10	384
460994	205	274	4 < 0.01		3	390	3650	2	< 1	20 < 0.01	< 10	< 10		3	< 10	236
460995	205	274	3 < 0.01		3	190	1230	< 2	< 1	19 < 0.01	< 10	< 10		4	< 10	144
460996	205	274	3 < 0.01		2	130	638	< 2	1	9 < 0.01	< 10	< 10		5	< 10	644
460997	205	274	4 0.01		4	190	2880	2	< 1	15 < 0.01	< 10	< 10		9	< 10	176
460998	205	274	12 < 0.01		3	30	2880	6	< 1	7 < 0.01	< 10	< 10		3	< 10	196
460999	205	274	6 0.01		3	190	>10000	62	< 1	12 0.01	< 10	< 10		12	< 10	388
461000	205	274	6 < 0.01		4	120	>10000	78	< 1	8 < 0.01	< 10	< 10		7	< 10	464

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9324846

Comments: CC:PAMICON DEVELOPMENTS LTD.

CERTIFICATE

A9324846

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-NOV-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	18	Geochem ring to approx 150 mesh
274	18	0-15 lb crush and split
229	18	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	18	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	18	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	18	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	18	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	18	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	18	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	18	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	18	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	18	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	18	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	18	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	18	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	18	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	18	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	18	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	18	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	18	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	18	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	18	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	18	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	18	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	18	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	18	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	18	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	18	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	18	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	18	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	18	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	18	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	18	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	18	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	18	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	18	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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 PHONE: 604-984-0221

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 c/o PAMICON DEVELOPMENTS LIMITED
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 VANCOUVER, BC
 V6B 1N4

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 Invoice No. :I9324846
 P.O. Number :
 Account :KAR

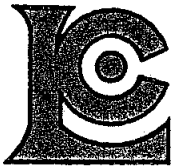
Project : SIWASH
 Comments: CC:PAMICON DEVELOPMENTS LTD.

CERTIFICATE OF ANALYSIS

A9324846

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
460849	205	274	< 5	0.2	1.54	< 2	180	0.5	< 2	0.18	0.5	6	104	25	2.38	10	< 1	0.51	40	0.46	1020
460850	205	274	< 5	0.2	1.91	2	220	< 0.5	< 2	0.32	0.5	6	109	21	3.10	10	< 1	0.45	30	0.71	1325
460964	205	274	< 5	< 0.2	0.66	< 2	530	< 0.5	< 2	2.30	< 0.5	3	107	1	1.34	< 10	< 1	0.36	30	0.16	1905
460965	205	274	< 5	0.2	1.42	2	400	< 0.5	< 2	0.23	0.5	6	89	45	1.88	10	< 1	0.45	50	0.42	1955
460966	205	274	< 5	0.4	1.40	< 2	840	0.5	< 2	0.18	3.0	9	91	217	2.05	< 10	< 1	0.50	50	0.09	4840
460967	205	274	5	0.2	1.28	8	350	0.5	< 2	0.19	1.0	8	79	189	1.59	10	< 1	0.48	50	0.09	1910
460968	205	274	30	28.2	0.88	48	150	< 0.5	50	0.10	0.5	1	84	133	3.61	< 10	< 1	0.40	20	0.08	795
460969	205	274	< 5	0.6	1.31	12	260	0.5	< 2	0.11	< 0.5	3	77	23	0.98	10	< 1	0.78	60	0.09	955
460970	205	274	< 5	1.2	1.40	< 2	220	< 0.5	2	0.14	< 0.5	2	75	20	1.10	10	< 1	0.73	30	0.27	515
460971	205	274	< 5	1.8	0.96	6	270	< 0.5	2	0.04	< 0.5	1	70	21	0.65	10	< 1	0.70	80	0.05	185
460972	205	274	< 5	< 0.2	1.24	< 2	250	0.5	< 2	0.14	1.0	5	78	38	0.69	10	< 1	0.68	100	0.09	1170
460973	205	274	25	2.6	1.55	2	920	0.5	< 2	0.09	0.5	2	119	28	1.21	10	< 1	0.89	70	0.09	650
460974	205	274	10	1.0	1.28	6	210	0.5	< 2	0.06	< 0.5	2	94	18	1.08	10	< 1	0.77	60	0.07	350
460975	205	274	< 5	0.2	1.56	4	180	0.5	< 2	0.12	0.5	1	90	21	0.91	10	< 1	0.77	60	0.07	1015
460976	205	274	< 5	< 0.2	1.38	< 2	270	0.5	< 2	0.12	1.0	2	99	7	0.90	10	< 1	0.78	60	0.05	1445
460977	205	274	< 5	1.2	1.48	6	300	0.5	< 2	0.08	0.5	1	59	23	0.96	10	< 1	0.79	70	0.07	645
460978	205	274	< 5	0.6	1.48	4	220	0.5	< 2	0.16	1.0	3	83	25	1.17	10	< 1	0.77	50	0.10	1435
460979	205	274	10	1.2	1.32	8	520	0.5	2	0.11	0.5	3	73	18	0.86	10	< 1	0.71	60	0.08	1375

CERTIFICATION: Hart Becker



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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PHONE: 604-984-0221

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

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Invoice No. :I9324846
P.O. Number :
Account :KAR

Project : SIWASH
Comments: CC:PAMICON DEVELOPMENTS LTD.

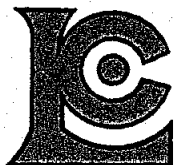
CERTIFICATE OF ANALYSIS

A9324846

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460849	205	274	2	0.06	8	560	50	< 2	2	14	< 0.01	< 10	< 10	28	< 10	762
460850	205	274	1	0.06	9	610	56	< 2	3	18	< 0.01	< 10	< 10	34	< 10	926
460964	205	274	1	0.02	1	340	70	< 2	< 1	72	< 0.01	< 10	< 10	9	< 10	140
460965	205	274	3	0.06	6	570	26	< 2	2	21	< 0.01	< 10	< 10	20	< 10	666
460966	205	274	5	0.01	5	570	28	< 2	2	24	< 0.01	< 10	< 10	15	< 10	852
460967	205	274	4	0.01	4	540	62	< 2	2	18	< 0.01	< 10	< 10	17	< 10	488
460968	205	274	10	0.01	3	500	2470	< 2	1	13	< 0.01	< 10	< 10	20	< 10	508
460969	205	274	8	0.04	2	320	88	< 2	1	18	< 0.01	< 10	< 10	10	< 10	198
460970	205	274	1	0.05	4	420	190	< 2	1	16	< 0.01	< 10	< 10	15	< 10	164
460971	205	274	5	0.02	1	250	710	< 2	1	16	< 0.01	< 10	< 10	4	< 10	92
460972	205	274	3	0.08	3	330	36	< 2	1	23	< 0.01	< 10	< 10	9	< 10	406
460973	205	274	6	0.02	2	250	528	< 2	1	23	< 0.01	< 10	< 10	9	< 10	260
460974	205	274	4	0.01	2	240	360	< 2	1	16	< 0.01	< 10	< 10	8	< 10	214
460975	205	274	2	0.06	2	310	218	< 2	1	24	< 0.01	< 10	< 10	8	< 10	492
460976	205	274	1	0.08	1	290	190	< 2	1	25	< 0.01	< 10	< 10	6	< 10	688
460977	205	274	2	0.02	1	260	210	< 2	1	20	< 0.01	< 10	< 10	7	< 10	436
460978	205	274	2	0.06	3	390	178	< 2	1	25	< 0.01	< 10	< 10	15	< 10	560
460979	205	274	2	0.02	2	300	276	< 2	1	22	< 0.01	< 10	< 10	8	< 10	372

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9324843

Comments: CC:PAMICON DEVELOPMENTS LTD.

CERTIFICATE

A9324843

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-NOV-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	3	Dry, sieve to -80 mesh
229	3	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	3	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	3	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	3	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	3	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	3	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	3	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	3	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	3	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	3	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	3	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	3	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	3	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	3	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	3	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	3	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	3	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	3	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	3	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	3	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	3	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	3	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	3	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	3	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	3	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	3	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	3	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	3	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	3	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	3	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	3	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	3	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	3	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	3	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

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VANCOUVER, BC
V6B 1N4

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Account : KAR

Project : SIWASH
Comments: CC:PAMICON DEVELOPMENTS LTD.

CERTIFICATE OF ANALYSIS

A9324843

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
L4910E/3800N-1	201 229	< 5	< 0.2	1.46	4	130	< 0.5	< 2	0.26	< 0.5	4	15	16	1.79	< 10	< 1	0.06	10	0.21	210
L4910E/3800N-2	201 229	< 5	< 0.2	0.72	6	70	< 0.5	< 2	0.34	< 0.5	4	21	20	1.87	< 10	< 1	0.09	10	0.29	210
L4910E/3800N-3	201 229	< 5	< 0.2	1.55	6	190	< 0.5	< 2	0.65	< 0.5	11	31	38	2.83	< 10	< 1	0.22	30	0.59	775

CERTIFICATION: Hart Buchler



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CERTIFICATE OF ANALYSIS

A9324843

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
L4910E/3800N-1	201 229	< 1	0.02	9	660	34	< 2	2	24	0.08	< 10	< 10	47	< 10	92
L4910E/3800N-2	201 229	< 1	0.01	8	450	50	< 2	3	23	0.08	< 10	< 10	57	< 10	40
L4910E/3800N-3	201 229	1	0.02	19	930	42	< 2	6	46	0.10	< 10	< 10	73	< 10	108

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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 PHONE: 604-984-0221

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

A9324620

Comments:

CERTIFICATE

A9324620

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
 P.O.#:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 20-NOV-93.

SAMPLE PREPARATION

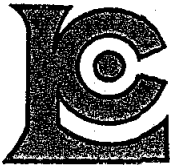
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	13	Geochem ring to approx 150 mesh
274	13	0-15 lb crush and split
229	13	ICP - AQ Digestion charge

* 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	13	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	13	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	13	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	13	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	13	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	13	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	13	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	13	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	13	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	13	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	13	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	13	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	13	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	13	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	13	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	13	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	13	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	13	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	13	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	13	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	13	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	13	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	13	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	13	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	13	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	13	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	13	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	13	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	13	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	13	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	13	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	13	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	13	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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

**

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Project : SIWASH
 Comments:

CERTIFICATE OF ANALYSIS

A9324620

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
460836	205	274	< 5	3.2	0.37	12	230	< 0.5	6	0.02	< 0.5	< 1	62	27	1.10	< 10	< 1	0.35	10	0.03	20
460837	205	274	< 5	1.2	0.41	12	80	< 0.5	< 2	0.02	< 0.5	< 1	76	21	1.10	< 10	< 1	0.31	20	0.02	20
460838	205	274	< 5	1.8	0.37	4	860	< 0.5	2	0.02	< 0.5	< 1	66	21	1.30	< 10	< 1	0.27	10	0.02	20
460839	205	274	< 5	1.8	0.40	4	580	< 0.5	2	0.07	< 0.5	1	85	23	0.86	< 10	< 1	0.25	10	0.03	35
460840	205	274	< 5	2.6	0.47	26	490	< 0.5	4	0.09	< 0.5	1	76	112	1.84	< 10	< 1	0.20	40	0.04	165
460841	205	274	< 5	1.4	1.96	24	390	< 0.5	4	2.18	< 0.5	2	94	160	1.70	< 10	< 1	0.81	70	0.15	220
460842	205	274	< 5	1.6	0.52	24	190	< 0.5	6	0.07	< 0.5	1	92	81	1.55	< 10	< 1	0.22	20	0.05	255
460843	205	274	< 5	1.0	0.47	24	150	< 0.5	2	0.04	< 0.5	< 1	105	18	1.20	< 10	< 1	0.30	10	0.03	25
460844	205	274	< 5	1.2	0.39	12	590	< 0.5	< 2	0.01	< 0.5	< 1	75	11	1.24	< 10	< 1	0.30	10	0.01	25
460845	205	274	< 5	0.2	0.48	4	670	< 0.5	< 2	0.03	< 0.5	< 1	122	5	1.03	< 10	< 1	0.37	30	0.02	30
460846	205	274	< 5	0.6	0.50	6	260	< 0.5	< 2	0.03	< 0.5	< 1	90	33	1.39	< 10	< 1	0.31	30	0.02	30
460847	205	274	< 5	1.8	0.64	6	150	< 0.5	< 2	0.03	< 0.5	1	116	20	1.18	< 10	< 1	0.41	20	0.02	580
460848	205	274	< 5	1.8	0.44	4	470	< 0.5	< 2	0.02	< 0.5	< 1	81	9	1.24	< 10	< 1	0.31	40	0.02	65

CERTIFICATION:

Hart Buchler



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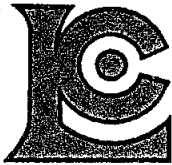
CERTIFICATE OF ANALYSIS

A9324620

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460836	205	274	17	< 0.01	1	150	296	2	< 1	18	< 0.01	< 10	< 10	2	< 10	80
460837	205	274	15	< 0.01	1	130	146	2	< 1	10	< 0.01	< 10	< 10	4	< 10	60
460838	205	274	12	< 0.01	1	170	124	4	< 1	21	< 0.01	< 10	< 10	5	< 10	60
460839	205	274	14	0.01	1	270	124	< 2	< 1	20	< 0.01	< 10	< 10	4	< 10	74
460840	205	274	32	0.01	1	410	312	4	< 1	18	< 0.01	< 10	< 10	10	< 10	380
460841	205	274	8	0.12	1	420	216	< 2	2	46	0.01	< 10	< 10	15	< 10	256
460842	205	274	11	0.04	2	380	106	< 2	< 1	16	< 0.01	< 10	< 10	7	< 10	130
460843	205	274	4	0.02	1	300	220	< 2	< 1	13	< 0.01	< 10	< 10	3	< 10	68
460844	205	274	5	< 0.01	< 1	190	232	< 2	< 1	13	< 0.01	< 10	< 10	1	< 10	84
460845	205	274	2	0.02	1	230	66	< 2	< 1	18	< 0.01	< 10	< 10	2	< 10	56
460846	205	274	10	0.01	1	360	1100	< 2	< 1	14	< 0.01	< 10	< 10	2	< 10	152
460847	205	274	9	0.01	1	360	1015	< 2	< 1	9	< 0.01	< 10	< 10	2	< 10	146
460848	205	274	2	0.02	< 1	190	398	< 2	< 1	22	< 0.01	< 10	< 10	3	< 10	114

CERTIFICATION:

Hart Bickler



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To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

A9324619

Comments:

CERTIFICATE

A9324619

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
 P.O.#: 1

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 20-NOV-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	64	Dry, sieve to -80 mesh
229	64	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	64	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	64	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	64	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	64	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	64	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	64	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	64	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	64	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	64	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	64	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	64	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	64	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	64	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	64	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	64	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	64	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	64	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	64	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	64	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	64	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	64	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	64	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	64	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	64	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	64	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	64	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	64	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	64	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	64	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	64	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	64	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	64	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	64	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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CERTIFICATE OF ANALYSIS

A9324619

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L4150E 4650N	201	229	1	0.02	12	570	24	< 2	2	49	0.10	< 10	< 10	65	< 10	156
L4150E 4675N	201	229	< 1	0.02	8	790	16	< 2	2	142	0.06	< 10	< 10	44	< 10	216
L4150E 4700N	201	229	< 1	< 0.01	2	660	22	< 2	1	167	0.02	< 10	< 10	28	< 10	64
L4150E 4725N	201	229	1	0.02	11	540	50	< 2	4	128	0.07	< 10	10	56	< 10	378
L4150E 4750N	201	229	< 1	0.02	6	1000	30	< 2	1	31	0.07	< 10	< 10	40	< 10	214
L4150E 4775N	201	229	1	0.02	7	790	28	< 2	1	27	0.07	< 10	< 10	43	< 10	150
L4150E 4800N	201	229	< 1	0.01	4	470	28	< 2	1	33	0.05	< 10	< 10	40	< 10	150
L4150E 5000N	201	229	1	0.02	7	860	34	< 2	1	48	0.06	< 10	< 10	49	< 10	158
L4150E 5025N	201	229	1	0.03	8	380	50	< 2	2	80	0.06	< 10	< 10	36	< 10	476
L4150E 5050N	201	229	< 1	0.02	8	1010	24	< 2	1	26	0.08	< 10	< 10	55	< 10	188
L4150E 5075N	201	229	< 1	0.02	7	1010	24	< 2	1	31	0.06	< 10	< 10	45	< 10	252
L4150E 5100N	201	229	< 1	0.02	7	2620	4	< 2	1	47	0.07	< 10	< 10	46	< 10	382
L4150E 5125N	201	229	< 1	0.03	9	970	8	< 2	2	22	0.11	< 10	< 10	61	< 10	102
L4150E 5150N	201	229	< 1	0.02	7	670	30	< 2	1	26	0.08	< 10	< 10	50	< 10	218
L4250E 4650N	201	229	< 1	0.03	6	800	12	< 2	1	19	0.07	< 10	< 10	44	< 10	118
L4250E 4675N	201	229	< 1	0.02	9	860	16	< 2	2	23	0.09	< 10	< 10	70	< 10	110
L4250E 4700N	201	229	< 1	0.02	7	670	16	< 2	1	21	0.06	< 10	< 10	49	< 10	110
L4250E 4725N	201	229	1	0.02	6	1210	38	< 2	1	35	0.07	< 10	< 10	46	< 10	338
L4250E 4750N	201	229	< 1	0.02	6	360	44	< 2	2	71	0.08	< 10	< 10	50	< 10	472
L4250E 4775N	201	229	< 1	0.03	10	1150	14	< 2	2	27	0.11	< 10	< 10	66	< 10	202
L4250E 4800N	201	229	< 1	0.02	7	960	52	< 2	2	78	0.05	< 10	< 10	45	< 10	340
L4250E 5000N	201	229	< 1	0.04	9	1660	14	< 2	2	33	0.11	< 10	< 10	59	< 10	152
L4250E 5025N	201	229	< 1	0.02	14	1230	20	< 2	4	42	0.14	< 10	< 10	96	< 10	170
L4250E 5050N	201	229	< 1	0.02	13	910	12	< 2	3	42	0.11	< 10	< 10	73	< 10	302
L4250E 5075N	201	229	< 1	0.02	9	1290	4	< 2	2	28	0.09	< 10	< 10	53	< 10	362
L4250E 5100N	201	229	< 1	0.02	10	910	6	< 2	2	28	0.09	< 10	< 10	76	< 10	280
L4250E 5125N	201	229	3	0.02	5	1010	82	< 2	1	34	0.04	< 10	< 10	41	< 10	216
L4250E 5150N	201	229	1	0.02	7	1000	40	< 2	1	35	0.04	< 10	< 10	46	< 10	240
L4500E 3225N	201	229	< 1	0.02	9	940	50	< 2	2	23	0.06	< 10	< 10	45	< 10	400
L4500E 3250N	201	229	< 1	0.04	18	250	48	< 2	2	38	0.10	< 10	< 10	47	< 10	842
L4500E 3275N	201	229	< 1	0.02	8	600	2460	< 2	4	44	0.05	< 10	< 10	47	< 10	2010
L4500E 3300N	201	229	< 1	0.03	8	310	60	< 2	3	32	0.09	< 10	< 10	51	< 10	690
L4500E 3325N	201	229	< 1	0.03	7	760	242	< 2	2	19	0.07	< 10	< 10	48	< 10	688
L4500E 3350N	201	229	< 1	0.02	13	290	28	< 2	2	26	0.12	< 10	< 10	74	< 10	606
L4500E 3375N	201	229	1	0.03	9	920	68	< 2	2	16	0.09	< 10	< 10	51	< 10	466
L4550E 3225N	201	229	< 1	0.03	9	650	56	< 2	2	22	0.11	< 10	< 10	60	< 10	884
L4550E 3250N	201	229	< 1	0.02	10	620	64	< 2	2	24	0.09	< 10	< 10	62	< 10	424
L4550E 3275N	201	229	< 1	0.03	10	880	82	< 2	2	27	0.09	< 10	< 10	61	< 10	612
L4550E 3300N	201	229	< 1	0.01	5	430	124	< 2	1	22	0.04	< 10	< 10	43	< 10	516
L4550E 3325N	201	229	< 1	0.02	7	280	118	< 2	3	27	0.06	< 10	< 10	54	< 10	1090

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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 212 Brooksbank Ave., North Vancouver
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**

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CERTIFICATE OF ANALYSIS

A9324619

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
L4550E 3350N	201 229	< 5	1.4	2.68	4	140	< 0.5	< 2	0.13	< 0.5	6	15	71	2.62	< 10	< 1	0.06	10	0.19	355
L4550E 3375N	201 229	< 5	2.4	2.20	2	180	< 0.5	< 2	0.17	0.5	3	10	21	1.87	< 10	< 1	0.06	< 10	0.12	725
L4575E 3225N	201 229	2820	0.8	1.56	< 2	310	< 0.5	< 2	0.35	0.5	4	13	53	3.04	< 10	< 1	0.17	10	0.23	730
L4575E 3250N	201 229	< 5	0.6	1.80	< 2	280	< 0.5	< 2	0.38	1.0	5	13	26	2.44	< 10	< 1	0.21	10	0.25	700
L4575E 3275N	201 229	40	0.4	2.02	10	280	< 0.5	< 2	0.31	< 0.5	5	18	23	2.81	< 10	< 1	0.11	< 10	0.26	550
L4575E 3300N	201 229	< 5	0.2	1.96	< 2	300	< 0.5	< 2	0.34	< 0.5	5	16	20	2.14	< 10	< 1	0.08	< 10	0.22	1025
L4575E 3325N	201 229	< 5	0.2	1.85	< 2	140	< 0.5	< 2	0.35	0.5	6	18	18	2.12	< 10	< 1	0.07	< 10	0.26	680
L4575E 3350N	201 229	< 5	0.4	2.71	8	250	< 0.5	< 2	0.20	< 0.5	5	16	18	2.11	< 10	< 1	0.04	10	0.24	480
L4575E 3375N	201 229	< 5	0.2	1.61	< 2	90	< 0.5	< 2	0.10	< 0.5	3	9	4	1.49	< 10	< 1	0.02	< 10	0.11	455
L4650E 3225N	201 229	< 5	4.4	1.34	16	280	< 0.5	4	0.29	3.5	6	15	279	3.85	< 10	< 1	0.19	20	0.18	1720
L4650E 3250N	201 229	< 5	0.8	1.21	6	160	< 0.5	< 2	0.29	< 0.5	4	19	34	2.35	< 10	< 1	0.09	< 10	0.26	360
L4650E 3275N	201 229	< 5	0.4	3.02	4	130	< 0.5	< 2	0.27	< 0.5	8	25	52	2.71	< 10	< 1	0.08	< 10	0.49	320
L4650E 3300N	201 229	< 5	0.4	1.95	2	130	< 0.5	< 2	0.21	< 0.5	6	14	23	1.65	< 10	< 1	0.04	10	0.26	610
L4650E 3325N	201 229	< 5	0.4	1.96	8	120	< 0.5	< 2	0.20	< 0.5	6	16	23	1.97	< 10	< 1	0.04	10	0.26	500
L4650E 3350N	201 229	< 5	0.2	2.19	2	120	< 0.5	2	0.22	< 0.5	6	17	19	2.23	< 10	< 1	0.04	< 10	0.25	680
L4650E 3375N	201 229	< 5	0.2	1.83	< 2	140	< 0.5	< 2	0.36	< 0.5	8	25	25	2.44	< 10	< 1	0.09	10	0.39	325
L4930E 2955N	201 229	550	0.2	1.47	< 2	150	< 0.5	< 2	0.39	0.5	7	21	24	2.61	< 10	< 1	0.14	10	0.38	760
L4930E 2960N	201 229	< 5	0.2	1.42	2	110	< 0.5	< 2	0.25	< 0.5	5	17	13	1.97	< 10	< 1	0.09	10	0.24	365
L4930E 2965N	201 229	< 5	0.2	1.59	12	120	< 0.5	< 2	0.26	< 0.5	6	17	13	2.03	< 10	< 1	0.08	10	0.25	240
L4930E 2970N	201 229	< 5	0.2	1.57	8	120	< 0.5	< 2	0.26	< 0.5	4	16	12	1.93	< 10	< 1	0.09	10	0.22	290
L4930E 2975N	201 229	< 5	0.4	1.73	< 2	120	< 0.5	< 2	0.22	< 0.5	4	15	13	1.91	< 10	< 1	0.08	10	0.20	260
L4930E 2985N	201 229	< 5	0.4	1.80	< 2	150	< 0.5	< 2	0.32	0.5	6	18	20	2.23	< 10	< 1	0.08	10	0.28	670
L4930E 2990N	201 229	< 5	0.2	1.19	< 2	130	< 0.5	< 2	0.36	< 0.5	6	15	14	1.94	< 10	< 1	0.09	10	0.23	445
L4930E 2995N	201 229	< 5	0.2	1.22	2	120	< 0.5	2	0.31	< 0.5	6	17	16	1.98	< 10	< 1	0.08	10	0.23	305

CERTIFICATION

Hart Bickler



Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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To: INTERNATIONAL TOWER HILL MINES
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CERTIFICATE OF ANALYSIS

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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L4550E 3350N	201 229	1	0.02	7	920	90	< 2	2	12	0.08	< 10	< 10	50	< 10	488
L4550E 3375N	201 229	< 1	0.03	5	1090	128	< 2	1	14	0.08	< 10	< 10	40	< 10	494
L4575E 3225N	201 229	< 1	0.02	4	570	334	< 2	2	30	0.04	< 10	< 10	48	< 10	1220
L4575E 3250N	201 229	< 1	0.01	6	540	266	< 2	2	25	0.04	< 10	< 10	43	< 10	1405
L4575E 3275N	201 229	< 1	0.02	7	490	114	< 2	2	24	0.08	< 10	< 10	62	< 10	510
L4575E 3300N	201 229	< 1	0.02	7	660	130	< 2	2	23	0.07	< 10	< 10	53	< 10	690
L4575E 3325N	201 229	< 1	0.03	9	1100	36	< 2	2	24	0.10	< 10	< 10	56	< 10	476
L4575E 3350N	201 229	< 1	0.03	9	1110	24	< 2	3	17	0.10	< 10	< 10	50	< 10	434
L4575E 3375N	201 229	< 1	0.02	4	1360	< 2	< 2	1	9	0.07	< 10	< 10	36	< 10	222
L4650E 3225N	201 229	< 1	0.01	6	940	1080	< 2	3	26	0.04	< 10	< 10	37	< 10	1850
L4650E 3250N	201 229	< 1	0.01	7	450	230	< 2	1	19	0.05	< 10	< 10	55	< 10	414
L4650E 3275N	201 229	< 1	0.01	15	1230	60	< 2	3	19	0.13	< 10	< 10	72	< 10	266
L4650E 3300N	201 229	< 1	0.02	9	1000	94	< 2	2	18	0.08	< 10	< 10	40	< 10	368
L4650E 3325N	201 229	< 1	0.02	9	1050	54	< 2	2	16	0.09	< 10	< 10	51	< 10	280
L4650E 3350N	201 229	< 1	0.03	10	1220	24	< 2	2	19	0.11	< 10	< 10	59	< 10	246
L4650E 3375N	201 229	< 1	0.03	11	760	36	< 2	2	31	0.11	< 10	< 10	69	< 10	322
L4930E 2955N	201 229	1	0.01	9	830	314	< 2	3	28	0.09	< 10	< 10	68	< 10	468
L4930E 2960N	201 229	< 1	0.02	8	960	18	< 2	2	19	0.08	< 10	< 10	52	< 10	186
L4930E 2965N	201 229	< 1	0.02	7	970	14	< 2	2	18	0.09	< 10	< 10	52	< 10	144
L4930E 2970N	201 229	< 1	0.02	8	1000	14	< 2	2	20	0.09	< 10	< 10	51	< 10	140
L4930E 2975N	201 229	< 1	0.03	8	1200	14	< 2	2	17	0.09	< 10	< 10	48	< 10	180
L4930E 2985N	201 229	< 1	0.02	9	1000	62	< 2	2	25	0.09	< 10	< 10	56	< 10	402
L4930E 2990N	201 229	< 1	0.01	6	1150	22	< 2	2	26	0.07	< 10	< 10	51	< 10	158
L4930E 2995N	201 229	< 1	0.02	5	870	20	< 2	2	24	0.08	< 10	< 10	53	< 10	134

CERTIFICATION: *Jan Bichler*



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9324527

Comments: CC: PAMINCON DEVELOPMENT LTD.

CERTIFICATE

A9324527

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 17-NOV-93.

SAMPLE PREPARATION

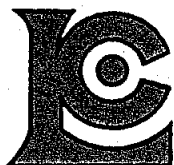
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	39	Geochem ring to approx 150 mesh
274	39	0-15 lb crush and split
229	39	ICP - AQ Digestion charge

* NOTE 1:

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

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	39	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	39	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	39	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	39	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	39	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	39	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	39	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	39	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	39	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	39	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	39	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	39	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	39	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	39	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	39	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	39	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	39	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	39	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	39	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	39	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	39	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	39	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	39	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	39	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	39	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	39	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	39	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	39	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	39	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	39	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	39	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	39	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	39	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Page Number :1-A
 Total Pages :1
 Certificate Date: 17-NOV-93
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 P.O. Number :
 Account :KAR

Project : SIWASH
 Comments: CC: PAMICON DEVELOPMENT LTD.

CERTIFICATE OF ANALYSIS A9324527

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
460801	205 274	< 5	< 0.2	1.34	14	240	< 0.5	< 2	0.64	0.5	10	123	123	11.15	10	< 1	0.26	10	0.54	535
460802	205 274	40	23.6	0.54	36	90	< 0.5	36	0.04	9.5	4	296	446	2.71	< 10	< 1	0.33	< 10	0.13	225
460803	205 274	< 5	1.4	0.50	16	160	0.5	< 2	0.41	9.5	7	139	276	2.86	< 10	< 1	0.45	< 10	0.03	6720
460804	205 274	40	3.4	0.85	98	160	1.0	< 2	0.13	7.0	7	194	336	5.01	< 10	< 1	0.58	< 10	0.03	2510
460805	205 274	< 5	2.4	0.76	92	310	1.0	< 2	0.45	12.0	13	147	348	4.03	< 10	< 1	0.57	10	0.03	9060
460806	205 274	< 5	0.2	0.96	6	460	1.0	< 2	1.06	5.5	6	144	126	3.30	< 10	< 1	0.51	10	0.14	5210
460807	205 274	< 5	0.4	0.70	2	670	1.0	< 2	0.87	5.5	9	132	135	2.84	< 10	< 1	0.48	10	0.08	5460
460808	205 274	150	20.8	1.08	74	110	0.5	18	0.15	3.0	8	166	622	10.95	< 10	< 1	0.29	< 10	0.10	2490
460809	205 274	555	79.2	0.50	36	80	< 0.5	22	0.09	< 0.5	1	374	58	1.29	< 10	< 1	0.28	< 10	0.02	275
460817	205 274	< 5	2.6	0.60	24	100	0.5	< 2	0.04	0.5	4	130	336	6.83	< 10	< 1	0.42	< 10	0.01	2710
460818	205 274	< 5	15.0	0.72	56	110	0.5	< 2	0.07	2.0	6	180	266	7.45	< 10	< 1	0.46	10	0.02	5030
460819	205 274	30	3.6	0.53	2	100	0.5	< 2	0.08	< 0.5	3	162	291	7.01	< 10	< 1	0.45	< 10	0.01	1040
460820	205 274	45	18.6	0.75	18	130	0.5	< 2	0.12	3.5	6	247	457	4.77	< 10	< 1	0.55	10	0.02	6290
460821	205 274	< 5	5.6	1.09	14	210	1.5	< 2	0.14	8.5	9	248	330	4.34	< 10	< 1	0.69	10	0.04	8890
460822	205 274	< 5	0.4	1.40	4	600	1.0	< 2	1.89	1.5	8	161	44	2.12	< 10	< 1	0.67	10	0.30	5440
460823	205 274	< 5	0.6	1.23	< 2	300	1.0	< 2	2.91	< 0.5	5	130	17	1.76	< 10	< 1	0.49	10	0.34	3770
460824	205 274	< 5	0.4	1.50	< 2	660	0.5	< 2	3.04	1.0	7	150	26	1.88	< 10	< 1	0.47	10	0.58	3220
460825	205 274	< 5	0.2	1.31	< 2	1400	1.0	< 2	1.15	2.0	6	152	139	1.86	< 10	< 1	0.49	10	0.49	4720
460826	205 274	185	77.2	0.32	40	60	< 0.5	34	0.05	< 0.5	1	300	209	2.92	< 10	< 1	0.20	< 10	0.01	145
460827	205 274	10	11.4	0.53	12	170	0.5	< 2	0.21	6.0	6	154	291	3.16	< 10	< 1	0.49	10	0.03	6340
460828	205 274	< 5	4.6	1.04	38	130	1.0	< 2	0.08	2.5	6	151	507	7.72	< 10	< 1	0.57	< 10	0.06	4360
460829	205 274	75	22.0	1.72	84	10	< 0.5	80	0.12	< 0.5	10	125	1115	>15.00	10	< 1	0.20	< 10	0.15	1160
460830	205 274	< 5	< 0.2	1.46	< 2	1790	0.5	< 2	4.30	1.0	7	145	253	1.98	< 10	< 1	0.47	10	0.63	3640
460831	205 274	< 5	< 0.2	1.22	< 2	840	1.0	< 2	1.73	2.0	9	165	1190	2.27	< 10	< 1	0.45	10	0.48	4150
460832	205 274	< 5	< 0.2	1.58	< 2	1460	0.5	< 2	1.53	2.0	7	150	65	2.14	< 10	< 1	0.49	20	0.65	3600
460833	205 274	< 5	1.2	0.86	< 2	690	0.5	< 2	0.95	1.5	6	149	42	1.68	< 10	< 1	0.25	10	0.39	1395
460834	205 274	15	1.0	1.25	2	190	1.0	< 2	0.48	8.0	6	150	2090	3.30	< 10	< 1	0.60	10	0.23	4380
460835	205 274	< 5	0.2	0.87	< 2	500	1.0	< 2	0.88	5.5	9	135	7240	1.94	< 10	< 1	0.45	10	0.09	6650
460951	205 274	130	112.5	0.24	24	80	< 0.5	64	0.02	< 0.5	1	359	377	2.19	< 10	< 1	0.17	< 10	< 0.01	140
460954	205 274	35	35.2	0.65	28	150	0.5	38	0.19	5.5	6	146	393	4.63	< 10	< 1	0.52	10	0.02	5620
460955	205 274	275	143.0	0.77	66	120	0.5	122	0.09	< 0.5	1	157	577	4.87	< 10	< 1	0.56	< 10	0.02	305
460956	205 274	< 5	2.8	0.53	6	110	0.5	4	0.17	2.0	3	168	185	3.71	< 10	< 1	0.48	10	0.02	2290
460957	205 274	365	106.0	0.76	186	90	0.5	58	0.10	0.5	2	233	501	8.00	< 10	< 1	0.49	< 10	0.03	335
460958	205 274	185	37.2	0.68	34	130	0.5	42	0.07	< 0.5	1	146	375	6.67	< 10	< 1	0.52	< 10	0.01	190
460959	205 274	155	53.0	0.47	38	60	< 0.5	20	0.09	< 0.5	1	260	279	3.27	< 10	< 1	0.57	< 10	0.02	225
460960	205 274	55	47.0	0.36	40	80	< 0.5	18	0.05	< 0.5	< 1	177	194	1.93	< 10	< 1	0.36	< 10	0.01	195
460961	205 274	130	10.6	0.46	30	70	0.5	8	0.12	< 0.5	1	125	196	6.31	< 10	< 1	0.62	< 10	0.02	195
460962	205 274	< 5	7.2	0.82	12	170	1.0	< 2	0.21	5.0	7	126	264	3.68	< 10	< 1	0.56	10	0.04	7450
460963	205 274	15	8.8	0.56	28	110	< 0.5	12	0.13	0.5	2	164	239	6.39	< 10	< 1	0.64	< 10	0.02	305

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

To: INTERNATIONAL TOWER HILL MINES **
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Page Number : 1-B
 Total Pages : 1
 Certificate Date: 17-NOV-93
 Invoice No. : 19324527
 P.O. Number :
 Account : KAR

Project : SIWASH
 Comments : CC: PAMINCON DEVELOPMENT LTD.

CERTIFICATE OF ANALYSIS

A9324527

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460801	205	274	1	0.06	8	1550	168	4	5	63	0.17	< 10	< 10	122	< 10	546
460802	205	274	21	0.01	10	250	8490	4	1	20	< 0.01	< 10	< 10	9	< 10	4500
460803	205	274	< 1	< 0.01	3	800	1450	< 2	1	32	< 0.01	< 10	10	8	< 10	4060
460804	205	274	< 1	< 0.01	2	750	582	< 2	1	30	< 0.01	< 10	< 10	14	< 10	2490
460805	205	274	< 1	0.01	3	850	666	< 2	1	47	< 0.01	< 10	10	17	< 10	4660
460806	205	274	< 1	< 0.01	3	830	78	< 2	1	56	< 0.01	< 10	< 10	20	< 10	3130
460807	205	274	1	< 0.01	3	710	102	< 2	1	52	< 0.01	< 10	< 10	18	< 10	2700
460808	205	274	4	< 0.01	3	560	1720	< 2	2	21	< 0.01	< 10	< 10	24	< 10	2070
460809	205	274	3	< 0.01	6	110	9730	4	< 1	27	< 0.01	< 10	< 10	8	< 10	224
460817	205	274	< 1	< 0.01	1	670	994	< 2	2	10	< 0.01	< 10	< 10	16	< 10	2310
460818	205	274	2	< 0.01	2	620	1695	2	2	17	< 0.01	< 10	< 10	17	< 10	2350
460819	205	274	< 1	< 0.01	2	780	1215	< 2	1	16	< 0.01	< 10	< 10	13	< 10	716
460820	205	274	< 1	< 0.01	2	690	1630	< 2	1	19	< 0.01	< 10	< 10	13	< 10	2130
460821	205	274	< 1	< 0.01	5	750	3590	< 2	2	18	< 0.01	< 10	10	17	< 10	3530
460822	205	274	< 1	< 0.01	13	840	124	< 2	2	54	< 0.01	< 10	< 10	23	< 10	884
460823	205	274	3	0.01	3	870	80	< 2	1	81	< 0.01	< 10	< 10	15	< 10	260
460824	205	274	1	0.02	4	840	88	2	2	97	< 0.01	< 10	< 10	20	< 10	670
460825	205	274	< 1	0.01	4	850	216	< 2	1	72	< 0.01	< 10	< 10	17	< 10	1820
460826	205	274	9	0.01	4	140	8790	2	< 1	11	< 0.01	< 10	< 10	6	< 10	176
460827	205	274	1	0.01	3	690	3870	2	1	42	< 0.01	< 10	< 10	11	< 10	2560
460828	205	274	1	< 0.01	3	880	1990	2	2	19	< 0.01	< 10	< 10	22	< 10	2220
460829	205	274	23	< 0.01	2	510	484	< 2	3	14	< 0.01	< 10	< 10	35	< 10	1260
460830	205	274	< 1	0.02	4	750	84	< 2	1	197	< 0.01	< 10	< 10	18	< 10	566
460831	205	274	1	0.02	8	900	50	2	3	66	< 0.01	< 10	< 10	34	< 10	1655
460832	205	274	< 1	0.03	6	890	76	< 2	2	96	< 0.01	< 10	< 10	24	< 10	1345
460833	205	274	1	0.04	4	480	154	2	1	55	< 0.01	< 10	< 10	20	< 10	978
460834	205	274	14	0.01	5	800	254	2	1	21	< 0.01	< 10	< 10	23	< 10	5700
460835	205	274	4	0.01	3	860	34	< 2	2	32	< 0.01	< 10	10	14	< 10	2690
460951	205	274	15	< 0.01	3	40	5720	54	< 1	4	< 0.01	< 10	< 10	3	< 10	208
460954	205	274	2	< 0.01	2	730	3360	2	1	33	< 0.01	< 10	< 10	10	< 10	2820
460955	205	274	2	0.01	1	560	6570	4	1	19	< 0.01	< 10	< 10	12	< 10	778
460956	205	274	1	< 0.01	3	700	1275	4	1	26	< 0.01	< 10	< 10	7	< 10	1560
460957	205	274	18	0.02	2	400	>10000	6	1	19	< 0.01	< 10	< 10	22	< 10	1330
460958	205	274	6	< 0.01	2	510	5530	2	1	21	< 0.01	< 10	< 10	15	< 10	1410
460959	205	274	1	0.02	3	360	>10000	4	< 1	19	< 0.01	< 10	< 10	8	< 10	310
460960	205	274	2	0.01	3	190	>10000	2	< 1	26	< 0.01	< 10	< 10	4	< 10	162
460961	205	274	2	0.01	1	560	3840	2	1	25	< 0.01	< 10	< 10	10	< 10	866
460962	205	274	1	< 0.01	3	720	994	< 2	1	39	< 0.01	< 10	< 10	13	< 10	2790
460963	205	274	2	0.01	1	440	4360	2	1	26	< 0.01	< 10	< 10	9	< 10	1330

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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 212 Brooksbank Ave., North Vancouver
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To: INTERNATIONAL TOWER HILL MINES
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 VANCOUVER, BC
 V6B 1N4

A9324525

Comments: CC: PAMINCON DEVELOPMENT LTD.

CERTIFICATE

A9324525

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
 P.O.#:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 17-NOV-93.

SAMPLE PREPARATION

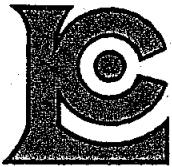
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	50	Geochem ring to approx 150 mesh
274	50	0-15 lb crush and split
229	50	ICP - AQ Digestion charge

* 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	50	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	50	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	50	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	50	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	50	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	50	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	50	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	50	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	50	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	50	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	50	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	50	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	50	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	50	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	50	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	50	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	50	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	50	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	50	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	50	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	50	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	50	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	50	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	50	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	50	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	50	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	50	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	50	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	50	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	50	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	50	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	50	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	50	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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

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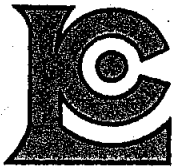
CERTIFICATE OF ANALYSIS

A9324525

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
460851	205	274	< 5	2.8	0.89	16	600	< 0.5	6	0.10	2.0	2	143	137	1.16	10	< 1	0.62	60	0.06	2070
460852	205	274	75	10.2	0.83	22	620	< 0.5	12	0.04	< 0.5	1	159	274	3.09	< 10	< 1	0.62	40	0.03	230
460853	205	274	10	0.8	0.78	2	410	< 0.5	2	0.08	0.5	1	125	42	0.73	10	< 1	0.62	60	0.03	1800
460854	205	274	65	19.6	0.54	38	360	< 0.5	6	0.02	< 0.5	< 1	123	158	1.24	< 10	< 1	0.53	20	0.02	120
460855	205	274	35	31.6	0.71	26	220	< 0.5	22	0.03	< 0.5	5	228	454	2.77	< 10	< 1	0.58	30	0.02	110
460856	205	274	110	134.5	0.31	46	90	< 0.5	94	0.03	< 0.5	3	311	994	3.89	< 10	< 1	0.31	10	0.01	280
460857	205	274	< 5	4.0	0.79	6	930	< 0.5	6	0.02	0.5	2	124	489	1.80	< 10	< 1	0.59	40	0.03	390
460858	205	274	< 5	3.2	0.74	6	530	< 0.5	6	0.05	0.5	2	120	452	1.51	10	< 1	0.60	60	0.03	2010
460859	205	274	< 5	0.8	0.90	2	1160	< 0.5	2	0.11	0.5	3	135	179	0.87	10	< 1	0.54	40	0.08	1445
460860	205	274	15	0.6	1.19	14	830	< 0.5	2	0.22	< 0.5	4	129	382	1.74	10	< 1	0.38	50	0.26	1355
460861	205	274	< 5	0.6	1.16	6	180	< 0.5	4	0.21	< 0.5	4	130	243	1.20	10	< 1	0.44	50	0.21	1070
460862	205	274	< 5	3.0	0.96	2	1130	< 0.5	6	0.15	1.5	4	144	290	2.08	< 10	< 1	0.49	40	0.11	1260
460863	205	274	< 5	4.8	1.08	< 2	730	0.5	12	0.17	8.5	8	127	378	2.06	10	< 1	0.66	50	0.11	3560
460864	205	274	35	13.0	0.66	12	350	< 0.5	16	0.08	0.5	1	147	193	1.80	< 10	< 1	0.49	20	0.03	245
460865	205	274	15	5.2	0.98	22	270	< 0.5	8	0.13	1.0	2	146	202	3.00	< 10	< 1	0.74	10	0.09	325
460866	205	274	15	3.6	1.46	80	240	< 0.5	4	0.32	6.5	8	103	1040	7.31	10	< 1	0.60	20	0.35	2070
460867	205	274	< 5	2.2	1.35	60	400	< 0.5	4	0.33	6.0	5	120	301	4.07	10	< 1	0.55	20	0.33	3190
460868	205	274	< 5	2.8	2.01	56	320	< 0.5	4	1.10	8.5	10	74	265	5.65	10	< 1	0.36	20	0.77	3610
460869	205	274	30	9.2	0.75	84	170	< 0.5	18	0.13	7.0	3	147	404	4.96	< 10	< 1	0.47	10	0.10	385
460870	205	274	< 5	1.4	0.78	6	620	0.5	4	0.21	5.5	4	115	93	1.84	< 10	< 1	0.54	40	0.04	3170
460871	205	274	< 5	1.2	0.95	16	470	1.0	2	0.15	17.0	10	123	205	2.17	< 10	< 1	0.50	40	0.08	8440
460872	205	274	< 5	0.4	1.46	10	720	0.5	2	0.25	7.0	9	110	105	2.52	10	< 1	0.40	40	0.41	5730
460873	205	274	30	10.6	0.75	28	340	< 0.5	16	0.19	1.5	4	99	314	3.69	< 10	< 1	0.62	50	0.06	455
460874	205	274	15	4.6	0.50	24	160	< 0.5	2	0.08	0.5	3	78	97	2.03	< 10	< 1	0.43	20	0.03	210
460875	205	274	< 5	2.2	0.58	14	230	< 0.5	2	0.07	0.5	7	131	40	1.62	< 10	< 1	0.43	20	0.03	150
460876	205	274	< 5	3.2	0.81	12	120	< 0.5	6	0.20	0.5	7	131	27	2.32	< 10	< 1	0.56	30	0.03	105
460877	205	274	< 5	0.4	1.62	8	420	< 0.5	2	0.80	0.5	3	130	13	1.57	10	< 1	0.49	30	0.24	1185
460878	205	274	< 5	2.2	4.30	16	1650	< 0.5	4	5.68	< 0.5	4	116	38	2.02	10	< 1	2.33	10	0.14	255
460879	205	274	< 5	3.6	3.02	18	780	< 0.5	6	1.60	< 0.5	4	131	36	2.53	10	< 1	1.67	40	0.16	170
460880	205	274	< 5	4.2	1.28	6	430	< 0.5	8	0.32	0.5	3	132	44	2.51	< 10	< 1	0.78	30	0.08	145
460881	205	274	15	4.0	0.73	8	260	< 0.5	8	0.06	0.5	3	179	31	2.70	< 10	< 1	0.60	20	0.04	705
460882	205	274	< 5	6.4	0.75	2	360	< 0.5	12	0.14	1.0	5	114	69	2.28	< 10	< 1	0.60	20	0.04	1160
460883	205	274	< 5	13.2	0.66	6	320	< 0.5	24	0.09	1.5	6	117	124	2.45	< 10	< 1	0.52	20	0.03	545
460884	205	274	< 5	10.6	0.45	8	190	< 0.5	20	0.07	< 0.5	5	91	70	3.79	< 10	< 1	0.56	20	0.02	130
460885	205	274	< 5	3.0	0.51	4	420	< 0.5	6	0.06	0.5	4	129	83	2.40	< 10	< 1	0.43	10	0.04	175
460886	205	274	20	10.8	0.42	32	210	< 0.5	14	0.09	0.5	3	156	123	4.63	< 10	< 1	0.31	10	0.06	135
460887	205	274	< 5	1.2	0.88	4	970	< 0.5	2	0.28	< 0.5	1	119	174	1.01	< 10	< 1	0.51	30	0.08	265
460888	205	274	< 5	< 0.2	0.83	6	330	< 0.5	< 2	0.29	< 0.5	2	122	36	0.93	< 10	< 1	0.28	30	0.18	410
460889	205	274	< 5	< 0.2	1.06	12	470	< 0.5	< 2	0.29	< 0.5	3	132	15	0.99	< 10	< 1	0.41	30	0.21	495
460890	205	274	< 5	< 0.2	1.05	8	340	< 0.5	2	0.26	< 0.5	4	117	11	1.39	< 10	< 1	0.29	40	0.31	770

CERTIFICATION:

Hunt Buchler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
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CERTIFICATE OF ANALYSIS

A9324525

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460851	205	274	7	0.01	2	300	806	< 2	1	19	< 0.01	< 10	< 10	7	< 10	578
460852	205	274	6	< 0.01	2	290	3660	4	< 1	13	< 0.01	< 10	< 10	5	< 10	478
460853	205	274	4	< 0.01	1	300	1010	< 2	< 1	16	< 0.01	< 10	< 10	5	< 10	344
460854	205	274	2	< 0.01	< 1	120	1605	164	< 1	9	< 0.01	< 10	< 10	2	< 10	98
460855	205	274	6	0.01	1	130	1375	24	< 1	13	< 0.01	< 10	< 10	3	60	156
460856	205	274	7	0.01	3	90	2060	192	< 1	15	< 0.01	< 10	< 10	2	600	240
460857	205	274	7	< 0.01	1	290	1245	2	< 1	20	< 0.01	< 10	< 10	3	< 10	320
460858	205	274	6	< 0.01	1	350	1720	< 2	< 1	16	< 0.01	< 10	< 10	4	< 10	266
460859	205	274	1	0.02	1	360	606	< 2	1	34	< 0.01	< 10	< 10	7	< 10	324
460860	205	274	1	0.03	3	630	474	< 2	1	27	< 0.01	< 10	< 10	15	< 10	1185
460861	205	274	1	0.03	3	680	826	< 2	1	17	< 0.01	< 10	< 10	13	< 10	922
460862	205	274	2	< 0.01	2	680	688	< 2	1	30	< 0.01	< 10	< 10	11	< 10	894
460863	205	274	2	< 0.01	4	710	1425	< 2	2	22	< 0.01	< 10	< 10	14	< 10	2110
460864	205	274	2	0.01	1	370	1965	< 2	< 1	24	< 0.01	< 10	< 10	8	< 10	368
460865	205	274	2	0.04	3	480	700	< 2	1	72	< 0.01	< 10	< 10	21	< 10	494
460866	205	274	4	0.12	9	800	446	< 2	4	107	0.11	< 10	< 10	86	< 10	2130
460867	205	274	2	0.08	8	570	230	< 2	3	87	0.10	< 10	< 10	68	< 10	1790
460868	205	274	2	0.10	12	1050	166	< 2	6	106	0.22	< 10	< 10	119	10	2580
460869	205	274	15	0.02	5	620	3290	2	1	31	0.01	< 10	< 10	22	< 10	3050
460870	205	274	2	0.01	3	870	926	< 2	1	20	< 0.01	< 10	< 10	7	< 10	1470
460871	205	274	2	< 0.01	5	710	1055	< 2	2	17	< 0.01	< 10	< 10	12	< 10	2360
460872	205	274	2	0.02	7	760	908	< 2	2	25	< 0.01	< 10	< 10	19	< 10	1955
460873	205	274	3	0.02	2	1160	1485	< 2	2	147	< 0.01	< 10	< 10	15	< 10	786
460874	205	274	5	< 0.01	1	390	1740	< 2	< 1	12	< 0.01	< 10	< 10	6	< 10	588
460875	205	274	5	< 0.01	2	310	298	< 2	< 1	14	< 0.01	< 10	< 10	5	< 10	428
460876	205	274	3	< 0.01	1	260	282	< 2	< 1	23	< 0.01	< 10	< 10	6	< 10	420
460877	205	274	1	0.04	4	740	56	2	2	24	< 0.01	< 10	< 10	22	< 10	760
460878	205	274	3	0.03	2	330	266	2	2	66	0.02	< 10	< 10	23	< 10	358
460879	205	274	4	0.01	1	240	604	< 2	2	24	0.01	< 10	< 10	17	< 10	470
460880	205	274	3	0.01	2	320	960	< 2	1	22	< 0.01	< 10	< 10	12	< 10	450
460881	205	274	3	< 0.01	3	450	1860	< 2	1	20	< 0.01	< 10	< 10	8	< 10	322
460882	205	274	6	< 0.01	2	630	4550	< 2	1	14	< 0.01	< 10	< 10	8	< 10	656
460883	205	274	7	< 0.01	3	620	2880	< 2	1	19	< 0.01	< 10	< 10	5	< 10	814
460884	205	274	5	0.01	2	420	2740	< 2	< 1	35	< 0.01	< 10	< 10	4	< 10	400
460885	205	274	6	< 0.01	2	260	964	< 2	< 1	9	< 0.01	< 10	< 10	6	< 10	494
460886	205	274	11	0.01	3	350	3870	2	< 1	20	< 0.01	< 10	< 10	10	< 10	802
460887	205	274	1	0.01	1	710	1700	< 2	1	19	< 0.01	< 10	< 10	10	< 10	472
460888	205	274	< 1	0.04	3	750	38	< 2	1	18	< 0.01	< 10	< 10	13	< 10	580
460889	205	274	< 1	0.03	3	660	56	< 2	1	20	< 0.01	< 10	< 10	12	< 10	656
460890	205	274	1	0.03	4	630	60	< 2	1	19	< 0.01	< 10	< 10	15	< 10	534

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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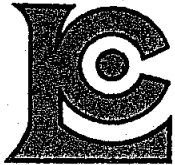
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Comments: CC: PAMINCON DEVELOPMENT LTD.

CERTIFICATE OF ANALYSIS A9324525

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
460891	205	274	< 5	< 0.2	1.27	10	390	< 0.5	< 2	0.29	< 0.5	6	139	14	1.54	10	< 1	0.37	40	0.36	960
460892	205	274	< 5	< 0.2	0.77	8	140	< 0.5	< 2	0.18	< 0.5	6	123	9	0.84	10	< 1	0.37	60	0.19	980
460893	205	274	< 5	2.2	0.99	8	430	< 0.5	2	0.18	< 0.5	4	112	29	2.77	< 10	< 1	0.57	30	0.13	585
460894	205	274	< 5	1.2	0.69	< 2	420	< 0.5	2	0.04	< 0.5	2	100	12	1.32	< 10	< 1	0.56	60	0.03	100
460895	205	274	< 5	< 0.2	0.89	2	190	< 0.5	2	0.04	< 0.5	2	113	12	1.10	10	< 1	0.64	70	0.04	735
460896	205	274	40	0.8	0.67	12	210	< 0.5	2	0.06	< 0.5	1	91	7	1.54	< 10	< 1	0.51	50	0.04	215
460897	205	274	< 5	2.2	0.65	18	300	< 0.5	4	0.03	< 0.5	5	117	11	2.29	< 10	< 1	0.46	40	0.02	55
460898	205	274	< 5	2.8	0.65	22	520	< 0.5	4	0.06	< 0.5	2	81	37	2.44	< 10	< 1	0.55	40	0.03	115
460899	205	274	< 5	1.4	0.55	4	460	< 0.5	4	0.03	< 0.5	1	89	16	5.00	< 10	< 1	0.46	30	0.03	30
460900	205	274	145	1.8	0.45	4	850	< 0.5	4	0.03	< 0.5	2	70	39	2.53	< 10	< 1	0.40	30	0.02	30

CERTIFICATION:

Hart Bickler



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CERTIFICATE OF ANALYSIS

A9324525

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
460891	205 274	2	0.04	5	570	70	< 2	2	23	< 0.01	< 10	< 10	17	< 10	544
460892	205 274	1	0.01	3	420	48	< 2	1	17	< 0.01	< 10	< 10	6	< 10	494
460893	205 274	2	0.03	3	380	752	< 2	1	41	0.02	< 10	< 10	23	< 10	276
460894	205 274	1	< 0.01	1	220	188	< 2	< 1	18	< 0.01	< 10	< 10	4	< 10	100
460895	205 274	1	< 0.01	1	270	410	< 2	< 1	10	< 0.01	< 10	< 10	4	< 10	124
460896	205 274	1	0.01	1	360	144	< 2	< 1	18	< 0.01	< 10	< 10	5	< 10	156
460897	205 274	2	0.01	1	260	386	< 2	< 1	21	< 0.01	< 10	< 10	7	< 10	112
460898	205 274	4	0.01	< 1	560	1840	< 2	1	30	< 0.01	< 10	< 10	4	< 10	210
460899	205 274	2	0.02	< 1	330	370	< 2	< 1	36	< 0.01	< 10	< 10	9	< 10	100
460900	205 274	1	< 0.01	< 1	190	148	< 2	< 1	32	< 0.01	< 10	< 10	6	< 10	108

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9324522

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
5300E 4800N	201 229	< 5	0.6	2.46	< 2	160	0.5	2	0.19	< 0.5	6	8	23	2.40	< 10	< 1	0.08	< 10	0.23	595
5300E 4825N	201 229	< 5	1.6	1.54	6	230	0.5	6	0.18	< 0.5	4	7	23	3.36	< 10	< 1	0.15	10	0.12	575
5300E 4850N	201 229	< 5	0.6	2.78	4	210	0.5	2	0.21	< 0.5	6	9	110	2.65	10	< 1	0.08	10	0.21	960
5300E 4875N	201 229	< 5	0.6	2.00	< 2	150	0.5	4	0.18	0.5	7	9	57	2.57	< 10	< 1	0.06	< 10	0.16	1050
5300E 4900N	201 229	< 5	2.6	3.24	< 2	560	1.5	6	0.62	1.0	12	16	356	3.38	10	< 1	0.12	20	0.34	1410
5300E 4925N	201 229	< 5	1.0	2.36	4	150	0.5	4	0.20	< 0.5	5	11	453	2.70	< 10	< 1	0.05	10	0.24	555
5300E 4950N	201 229	20	2.2	1.91	230	570	1.5	12	0.62	< 0.5	13	26	539	8.28	< 10	< 1	0.15	30	0.31	2080
5300E 4975N	201 229	< 5	3.6	0.73	42	1250	0.5	12	0.23	< 0.5	1	4	186	4.90	< 10	< 1	0.19	20	0.07	310
5300E 5000N	201 229	< 5	3.2	3.07	4	380	1.0	6	0.75	0.5	6	18	247	3.30	10	< 1	0.16	20	0.35	965
5300E 5025N	201 229	< 5	1.2	2.35	12	330	0.5	8	0.22	< 0.5	8	12	150	3.72	< 10	< 1	0.07	10	0.30	870
5300E 5050N	201 229	< 5	1.2	2.11	10	280	0.5	8	0.22	< 0.5	9	12	249	3.82	< 10	< 1	0.09	10	0.26	940
5300E 5075N	201 229	< 5	1.6	2.49	2	270	1.0	6	0.58	1.5	6	17	165	3.39	< 10	< 1	0.11	20	0.40	930
5300E 5100N	201 229	< 5	0.8	2.05	6	390	0.5	4	0.27	< 0.5	7	12	78	3.05	< 10	< 1	0.10	10	0.25	430
5300E 5125N	201 229	< 5	0.6	2.68	2	310	0.5	4	0.36	< 0.5	7	15	85	2.84	< 10	< 1	0.09	10	0.34	510
5300E 5150N	201 229	< 5	1.6	2.47	2	360	1.0	4	0.55	< 0.5	7	17	68	3.59	< 10	< 1	0.14	20	0.26	685
5300E 5175N	201 229	< 5	0.4	1.69	6	180	0.5	4	0.46	< 0.5	6	17	43	2.39	< 10	< 1	0.09	10	0.34	270
5300E 5200N	201 229	< 5	2.2	2.84	12	300	0.5	2	0.72	< 0.5	8	31	94	3.05	< 10	< 1	0.14	20	0.47	495
5350E 4800N	201 229	< 5	1.4	2.00	14	250	1.0	8	0.34	< 0.5	8	20	358	5.77	< 10	< 1	0.18	20	0.54	750
5350E 4825N	201 229	< 5	1.6	2.07	< 2	220	0.5	6	0.23	0.5	6	10	51	2.60	< 10	< 1	0.06	10	0.21	785
5350E 4850N	201 229	< 5	0.8	1.93	2	350	0.5	4	0.31	< 0.5	6	14	75	2.89	< 10	< 1	0.13	10	0.22	265
5350E 4875N	201 229	< 5	1.4	2.37	2	490	0.5	16	0.50	0.5	4	78	283	3.44	10	< 1	0.11	20	0.17	460
5350E 4900N	201 229	< 5	3.2	3.10	2	540	1.5	6	0.65	1.5	11	26	254	3.30	10	< 1	0.15	30	0.28	1810
5350E 4925N	201 229	< 5	1.0	2.94	12	280	1.0	6	0.54	< 0.5	8	28	179	3.65	< 10	< 1	0.11	20	0.43	775
5350E 4950N	201 229	< 5	1.0	1.96	2	170	0.5	2	0.57	< 0.5	8	30	198	2.92	< 10	< 1	0.09	10	0.47	500
5350E 4975N	201 229	< 5	0.2	2.15	4	110	0.5	2	0.23	< 0.5	6	9	27	2.46	< 10	< 1	0.05	10	0.19	425
5350E 5000N	201 229	< 5	0.4	2.41	2	120	0.5	4	0.22	< 0.5	6	8	43	2.33	< 10	< 1	0.06	10	0.16	270
5350E 5025N	201 229	< 5	0.6	2.98	2	190	0.5	4	0.52	< 0.5	6	14	109	2.44	< 10	< 1	0.07	20	0.22	555
5350E 5050N	201 229	25	2.6	2.48	10	370	1.0	8	0.56	1.5	10	26	848	3.61	10	< 1	0.11	40	0.36	1295
5350E 5075N	201 229	< 5	0.8	2.96	14	240	1.0	6	0.35	< 0.5	10	22	104	3.89	10	< 1	0.10	10	0.33	1470
5350E 5100N	201 229	< 5	0.4	2.79	10	230	0.5	6	0.27	< 0.5	8	17	80	2.61	10	< 1	0.07	10	0.29	525
5350E 5125N	201 229	< 5	0.4	2.88	4	230	0.5	6	0.34	< 0.5	8	20	52	2.84	10	< 1	0.10	10	0.37	680
5350E 5150N	201 229	< 5	0.2	2.25	4	180	0.5	4	0.28	< 0.5	7	18	26	2.35	10	< 1	0.08	10	0.30	660
5350E 5175N	201 229	< 5	0.2	2.16	6	250	0.5	2	0.30	< 0.5	6	14	26	2.37	10	< 1	0.09	10	0.29	580
5350E 5200N	201 229	< 5	0.4	2.06	6	180	0.5	4	0.20	< 0.5	5	10	15	2.02	10	< 1	0.08	10	0.20	355
5450E 4800N	201 229	< 5	1.2	1.81	8	160	0.5	6	0.54	< 0.5	8	24	163	3.51	< 10	< 1	0.12	20	0.48	530
5450E 4825N	201 229	< 5	2.0	1.81	20	130	1.0	14	0.58	0.5	14	30	371	5.93	10	< 1	0.13	30	0.67	1170
5450E 4850N	201 229	< 5	1.4	3.21	6	320	1.0	6	0.50	< 0.5	8	17	184	2.70	10	< 1	0.09	30	0.25	455
5450E 4875N	201 229	< 5	0.2	2.32	4	300	0.5	6	0.28	< 0.5	6	14	57	2.22	10	< 1	0.08	10	0.20	180
5450E 4900N	201 229	< 5	0.2	1.84	< 2	200	0.5	2	0.23	< 0.5	4	10	12	2.01	10	< 1	0.08	10	0.14	360
5450E 4925N	201 229	< 5	1.2	2.38	4	380	1.0	6	0.54	< 0.5	8	62	227	2.84	10	< 1	0.11	30	0.29	505

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

A9324522

Comments: CC: PAMINCON DEVELOPMENT LTD.

CERTIFICATE

A9324522

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
 P.O.#:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 17-NOV-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	68	Dry, sieve to -80 mesh ICP - AQ Digestion charge
229	68	

* 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	68	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	68	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	68	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	68	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	68	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	68	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	68	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	68	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	68	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	68	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	68	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	68	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	68	Fe %: 32 element, soil & rock	ICP-AES	1	10000
2130	68	Ga ppm: 32 element, soil & rock	ICP-AES	0.01	15.00
2131	68	Hg ppm: 32 element, soil & rock	ICP-AES	10	10000
2132	68	K %: 32 element, soil & rock	ICP-AES	1	10000
2151	68	La ppm: 32 element, soil & rock	ICP-AES	0.01	10.00
2134	68	Mg %: 32 element, soil & rock	ICP-AES	10	10000
2135	68	Mn ppm: 32 element, soil & rock	ICP-AES	0.01	15.00
2136	68	Mo ppm: 32 element, soil & rock	ICP-AES	5	10000
2137	68	Na %: 32 element, soil & rock	ICP-AES	1	10000
2138	68	Ni ppm: 32 element, soil & rock	ICP-AES	0.01	5.00
2139	68	P ppm: 32 element, soil & rock	ICP-AES	1	10000
2140	68	Pb ppm: 32 element, soil & rock	ICP-AES	10	10000
2141	68	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	68	Sc ppm: 32 elements, soil & rock	ICP-AES	2	10000
2143	68	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	68	Ti %: 32 element, soil & rock	ICP-AES	1	10000
2145	68	Tl ppm: 32 element, soil & rock	ICP-AES	0.01	5.00
2146	68	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	68	V ppm: 32 element, soil & rock	ICP-AES	10	10000
2148	68	W ppm: 32 element, soil & rock	ICP-AES	1	10000
2149	68	Zn ppm: 32 element, soil & rock	ICP-AES	10	10000
				2	10000



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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 British Columbia, Canada V7J 2C1
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 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Page Number : 1-B
 Total Pages : 2
 Certificate Date: 17-NOV-93
 Invoice No. : 19324522
 P.O. Number :
 Account : KAR

Project : SIWASH
 Comments : CC: PAMINCON DEVELOPMENT LTD.

CERTIFICATE OF ANALYSIS A9324522

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
5300E 4800N	201	229	2	0.02	7	1020	30	< 2	1	14	0.09	< 10	< 10	46	< 10	504
5300E 4825N	201	229	2	0.02	4	490	112	< 2	1	25	0.04	< 10	< 10	42	< 10	352
5300E 4850N	201	229	3	0.03	6	1070	44	< 2	2	18	0.07	< 10	< 10	46	< 10	544
5300E 4875N	201	229	2	0.03	6	760	30	< 2	1	19	0.07	< 10	< 10	45	< 10	662
5300E 4900N	201	229	4	0.03	13	400	88	< 2	6	100	0.08	< 10	< 10	48	< 10	1500
5300E 4925N	201	229	2	0.02	6	820	82	< 2	2	17	0.07	< 10	< 10	45	< 10	346
5300E 4950N	201	229	13	0.01	23	490	200	< 2	10	81	0.01	< 10	< 10	54	< 10	826
5300E 4975N	201	229	9	< 0.01	4	450	320	< 2	1	20	< 0.01	< 10	< 10	8	< 10	924
5300E 5000N	201	229	6	0.03	12	400	58	< 2	6	48	0.09	< 10	< 10	41	< 10	1840
5300E 5025N	201	229	2	0.03	10	1110	60	< 2	3	18	0.07	< 10	< 10	51	< 10	536
5300E 5050N	201	229	3	0.02	9	850	62	< 2	3	18	0.05	< 10	< 10	50	< 10	656
5300E 5075N	201	229	4	0.03	11	440	104	< 2	6	42	0.08	< 10	< 10	52	< 10	3510
5300E 5100N	201	229	2	0.03	8	300	54	< 2	3	24	0.07	< 10	< 10	48	< 10	524
5300E 5125N	201	229	2	0.03	9	310	30	< 2	3	31	0.10	< 10	< 10	55	< 10	442
5300E 5150N	201	229	4	0.03	10	300	24	< 2	6	40	0.07	< 10	< 10	53	< 10	484
5300E 5175N	201	229	1	0.02	10	310	24	< 2	3	31	0.11	< 10	< 10	61	< 10	216
5300E 5200N	201	229	2	0.03	15	220	36	< 2	7	51	0.12	< 10	< 10	61	< 10	666
5350E 4800N	201	229	5	0.01	9	600	184	< 2	6	39	0.08	< 10	< 10	74	< 10	812
5350E 4825N	201	229	2	0.03	6	950	90	< 2	2	20	0.07	< 10	< 10	49	< 10	654
5350E 4850N	201	229	2	0.03	8	490	78	< 2	2	42	0.07	< 10	< 10	48	< 10	588
5350E 4875N	201	229	3	0.03	41	270	118	< 2	3	78	0.04	< 10	< 10	30	< 10	1350
5350E 4900N	201	229	3	0.03	17	400	128	< 2	6	112	0.06	< 10	< 10	42	< 10	2170
5350E 4925N	201	229	1	0.03	16	330	60	< 2	4	77	0.09	< 10	< 10	56	< 10	714
5350E 4950N	201	229	1	0.02	15	310	46	< 2	4	58	0.10	< 10	< 10	57	< 10	718
5350E 4975N	201	229	1	0.03	7	1090	14	< 2	2	15	0.10	< 10	< 10	52	< 10	458
5350E 5000N	201	229	1	0.03	7	310	42	< 2	1	17	0.09	< 10	< 10	43	< 10	478
5350E 5025N	201	229	2	0.03	9	240	36	< 2	3	35	0.09	< 10	< 10	39	< 10	618
5350E 5050N	201	229	3	0.03	15	450	164	< 2	7	39	0.11	< 10	< 10	66	< 10	1555
5350E 5075N	201	229	1	0.02	15	590	94	< 2	3	27	0.11	< 10	< 10	79	< 10	1205
5350E 5100N	201	229	1	0.03	11	530	48	< 2	2	23	0.11	< 10	< 10	57	< 10	770
5350E 5125N	201	229	< 1	0.02	12	630	36	< 2	3	25	0.13	< 10	< 10	66	< 10	880
5350E 5150N	201	229	1	0.02	12	870	40	< 2	2	22	0.10	< 10	< 10	55	< 10	514
5350E 5175N	201	229	1	0.03	9	1240	16	< 2	3	22	0.09	< 10	< 10	49	< 10	296
5350E 5200N	201	229	< 1	0.04	7	1440	8	< 2	2	16	0.09	< 10	< 10	44	< 10	274
5450E 4800N	201	229	2	0.01	11	360	58	< 2	5	31	0.10	< 10	< 10	69	< 10	546
5450E 4825N	201	229	3	0.01	16	1100	274	< 2	7	31	0.07	< 10	< 10	79	10	752
5450E 4850N	201	229	1	0.04	13	310	52	< 2	4	42	0.11	< 10	< 10	47	< 10	1250
5450E 4875N	201	229	< 1	0.03	7	330	28	< 2	2	24	0.09	< 10	< 10	50	< 10	246
5450E 4900N	201	229	< 1	0.02	4	380	12	< 2	1	21	0.07	< 10	< 10	45	< 10	238
5450E 4925N	201	229	1	0.04	35	230	50	< 2	5	76	0.11	< 10	< 10	57	< 10	438

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
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CERTIFICATE OF ANALYSIS A9324522

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
5300E 4800N	201	229	2	0.02	7	1020	30	< 2	1	14	0.09	< 10	< 10	46	< 10	504
5300E 4825N	201	229	2	0.02	4	490	112	< 2	1	25	0.04	< 10	< 10	42	< 10	352
5300E 4850N	201	229	3	0.03	6	1070	44	< 2	2	18	0.07	< 10	< 10	46	< 10	544
5300E 4875N	201	229	2	0.03	6	760	30	< 2	1	19	0.07	< 10	< 10	45	< 10	662
5300E 4900N	201	229	4	0.03	13	400	88	< 2	6	100	0.08	< 10	< 10	48	< 10	1500
5300E 4925N	201	229	2	0.02	6	820	82	< 2	2	17	0.07	< 10	< 10	45	< 10	346
5300E 4950N	201	229	13	0.01	23	490	200	< 2	10	81	0.01	< 10	< 10	54	< 10	826
5300E 4975N	201	229	9	< 0.01	4	450	320	< 2	1	20	< 0.01	< 10	< 10	8	< 10	924
5300E 5000N	201	229	6	0.03	12	400	58	< 2	6	48	0.09	< 10	< 10	41	< 10	1840
5300E 5025N	201	229	2	0.03	10	1110	60	< 2	3	18	0.07	< 10	< 10	51	< 10	536
5300E 5050N	201	229	3	0.02	9	850	62	< 2	3	18	0.05	< 10	< 10	50	< 10	656
5300E 5075N	201	229	4	0.03	11	440	104	< 2	6	42	0.08	< 10	< 10	52	< 10	3510
5300E 5100N	201	229	2	0.03	8	300	54	< 2	3	24	0.07	< 10	< 10	48	< 10	524
5300E 5125N	201	229	2	0.03	9	310	30	< 2	3	31	0.10	< 10	< 10	55	< 10	442
5300E 5150N	201	229	4	0.03	10	300	24	< 2	6	40	0.07	< 10	< 10	53	< 10	484
5300E 5175N	201	229	1	0.02	10	310	24	< 2	3	31	0.11	< 10	< 10	61	< 10	216
5300E 5200N	201	229	2	0.03	15	220	36	< 2	7	51	0.12	< 10	< 10	61	< 10	666
5350E 4800N	201	229	5	0.01	9	600	184	< 2	6	39	0.08	< 10	< 10	74	< 10	812
5350E 4825N	201	229	2	0.03	6	950	90	< 2	2	20	0.07	< 10	< 10	49	< 10	654
5350E 4850N	201	229	2	0.03	8	490	78	< 2	2	42	0.07	< 10	< 10	48	< 10	588
5350E 4875N	201	229	3	0.03	41	270	118	< 2	3	78	0.04	< 10	< 10	30	< 10	1350
5350E 4900N	201	229	3	0.03	17	400	128	< 2	6	112	0.06	< 10	< 10	42	< 10	2170
5350E 4925N	201	229	1	0.03	16	330	60	< 2	4	77	0.09	< 10	< 10	56	< 10	714
5350E 4950N	201	229	1	0.02	15	310	46	< 2	4	58	0.10	< 10	< 10	57	< 10	718
5350E 4975N	201	229	1	0.03	7	1090	14	< 2	2	15	0.10	< 10	< 10	52	< 10	458
5350E 5000N	201	229	1	0.03	7	310	42	< 2	1	17	0.09	< 10	< 10	43	< 10	478
5350E 5025N	201	229	2	0.03	9	240	36	< 2	3	35	0.09	< 10	< 10	39	< 10	618
5350E 5050N	201	229	3	0.03	15	450	164	< 2	7	39	0.11	< 10	< 10	66	< 10	1555
5350E 5075N	201	229	1	0.02	15	590	94	< 2	3	27	0.11	< 10	< 10	79	< 10	1205
5350E 5100N	201	229	1	0.03	11	530	48	< 2	2	23	0.11	< 10	< 10	57	< 10	770
5350E 5125N	201	229	< 1	0.02	12	630	36	< 2	3	25	0.13	< 10	< 10	66	< 10	880
5350E 5150N	201	229	1	0.02	12	870	40	< 2	2	22	0.10	< 10	< 10	55	< 10	514
5350E 5175N	201	229	1	0.03	9	1240	16	< 2	3	22	0.09	< 10	< 10	49	< 10	296
5350E 5200N	201	229	< 1	0.04	7	1440	8	< 2	2	16	0.09	< 10	< 10	44	< 10	274
5450E 4800N	201	229	2	0.01	11	360	58	< 2	5	31	0.10	< 10	< 10	69	< 10	546
5450E 4825N	201	229	3	0.01	16	1100	274	< 2	7	31	0.07	< 10	< 10	79	10	752
5450E 4850N	201	229	1	0.04	13	310	52	< 2	4	42	0.11	< 10	< 10	47	< 10	1250
5450E 4875N	201	229	< 1	0.03	7	330	28	< 2	2	24	0.09	< 10	< 10	50	< 10	246
5450E 4900N	201	229	< 1	0.02	4	380	12	< 2	1	21	0.07	< 10	< 10	45	< 10	238
5450E 4925N	201	229	1	0.04	35	230	50	< 2	5	76	0.11	< 10	< 10	57	< 10	438

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

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 P.O. Number :
 Account :KAR

Project : SIWASH
 Comments: CC: PAMINCON DEVELOPMENT LTD.

CERTIFICATE OF ANALYSIS A9324522

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
5450E 4950N	201 229	< 5	1.2	1.79	6	180	< 0.5	6	0.62	< 0.5	9	30	177	3.22	10	< 1	0.15	40	0.46	555
5450E 4975N	201 229	< 5	0.6	2.34	10	210	< 0.5	4	0.42	< 0.5	11	30	156	3.56	10	< 1	0.23	10	0.68	555
5450E 5000N	201 229	< 5	0.2	2.77	4	270	< 0.5	4	0.41	< 0.5	16	113	137	3.41	10	< 1	0.36	10	1.51	530
5450E 5025N	201 229	< 5	0.4	2.17	8	160	< 0.5	2	0.27	< 0.5	12	44	94	2.84	10	< 1	0.13	< 10	0.76	475
5450E 5050N	201 229	< 5	0.4	2.28	8	220	< 0.5	2	0.35	< 0.5	14	63	109	3.08	10	< 1	0.27	< 10	1.05	390
5450E 5075N	201 229	< 5	0.6	2.50	6	210	< 0.5	4	0.30	< 0.5	11	30	91	3.00	10	< 1	0.10	< 10	0.55	785
5450E 5100N	201 229	< 5	0.4	2.54	2	180	< 0.5	4	0.29	< 0.5	8	21	45	2.62	10	< 1	0.08	10	0.33	415
5450E 5125N	201 229	< 5	0.4	3.00	6	200	< 0.5	4	0.41	< 0.5	13	48	72	3.29	10	< 1	0.07	10	0.69	395
5450E 5150N	201 229	< 5	0.6	2.47	4	180	< 0.5	4	0.27	< 0.5	9	30	37	2.56	10	< 1	0.04	< 10	0.33	435
5450E 5175N	201 229	< 5	0.8	1.71	6	140	< 0.5	2	0.26	< 0.5	7	21	55	2.39	< 10	< 1	0.04	< 10	0.26	400
5450E 5200N	201 229	< 5	0.4	2.03	< 2	200	< 0.5	< 2	0.31	< 0.5	8	24	55	2.47	10	< 1	0.07	< 10	0.40	240
5500E 4800N	201 229	< 5	2.4	2.53	4	180	< 0.5	18	0.45	0.5	7	16	165	2.86	10	< 1	0.11	10	0.32	450
5500E 4825N	201 229	< 5	1.0	2.21	4	190	< 0.5	6	0.38	< 0.5	8	22	121	3.61	10	< 1	0.11	20	0.41	535
5500E 4850N	201 229	< 5	0.8	2.55	4	200	< 0.5	8	0.40	0.5	9	20	202	2.91	10	< 1	0.08	10	0.35	710
5500E 4875N	201 229	< 5	0.6	1.91	4	140	< 0.5	4	0.38	< 0.5	7	22	72	2.70	10	< 1	0.09	10	0.33	320
5500E 4900N	201 229	45	0.2	1.64	2	110	< 0.5	4	0.44	< 0.5	5	20	53	2.55	< 10	< 1	0.10	10	0.30	215
5500E 4925N	201 229	60	0.4	1.64	< 2	130	< 0.5	2	0.44	< 0.5	7	20	30	2.35	< 10	< 1	0.08	10	0.28	235
5500E 4950N	201 229	< 5	1.4	2.56	2	340	< 0.5	4	0.64	< 0.5	6	30	128	2.97	10	< 1	0.12	40	0.40	380
5500E 4975N	201 229	25	1.2	2.04	4	180	< 0.5	8	0.44	< 0.5	10	39	373	3.45	< 10	< 1	0.15	10	0.70	450
5500E 5000N	201 229	< 5	1.8	2.76	2	290	< 0.5	8	0.28	< 0.5	10	38	523	3.41	< 10	< 1	0.08	10	0.54	510
5500E 5025N	201 229	< 5	0.2	2.52	< 2	160	< 0.5	< 2	0.29	< 0.5	13	75	66	2.81	< 10	< 1	0.16	< 10	1.04	420
5500E 5050N	201 229	< 5	0.4	2.24	< 2	120	< 0.5	< 2	0.24	< 0.5	11	47	47	2.62	< 10	< 1	0.04	< 10	0.74	610
5500E 5075N	201 229	< 5	0.2	2.73	8	140	< 0.5	2	0.20	< 0.5	8	22	42	2.57	< 10	< 1	0.04	10	0.35	885
5500E 5100N	201 229	< 5	0.4	2.04	4	240	< 0.5	4	0.34	< 0.5	8	25	78	2.42	10	< 1	0.06	10	0.38	540
5500E 5125N	201 229	300	0.4	2.01	2	120	< 0.5	6	0.24	< 0.5	8	21	180	2.72	< 10	< 1	0.05	10	0.29	655
5500E 5150N	201 229	< 5	0.4	2.14	< 2	130	< 0.5	4	0.24	< 0.5	7	17	63	2.29	10	< 1	0.04	< 10	0.22	285
5500E 5175N	201 229	< 5	1.4	2.18	12	200	< 0.5	16	0.31	< 0.5	9	24	400	2.76	10	< 1	0.05	10	0.28	305
5500E 5200N	201 229	15	0.4	2.27	6	160	< 0.5	4	0.49	< 0.5	10	28	2950	2.76	10	< 1	0.09	10	0.44	750

CERTIFICATION: Hart Bechler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
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Account :KAR

Project : SIWASH
Comments : CC: PAMINCON DEVELOPMENT LTD.

CERTIFICATE OF ANALYSIS

A9324522

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
5450E 4950N	201 229	< 1	0.02	12	330	44	< 2	6	76	0.13	< 10	< 10	75	< 10	306
5450E 4975N	201 229	< 1	0.02	17	660	30	< 2	7	29	0.17	< 10	< 10	95	< 10	494
5450E 5000N	201 229	< 1	0.02	84	1000	22	< 2	6	23	0.24	< 10	< 10	128	< 10	314
5450E 5025N	201 229	< 1	0.02	32	1000	24	< 2	4	16	0.17	< 10	< 10	91	< 10	396
5450E 5050N	201 229	1	0.02	42	1120	30	2	4	19	0.19	< 10	< 10	104	< 10	398
5450E 5075N	201 229	1	0.02	24	920	38	< 2	3	18	0.15	< 10	< 10	83	< 10	532
5450E 5100N	201 229	1	0.03	13	790	28	< 2	3	23	0.12	< 10	< 10	60	< 10	608
5450E 5125N	201 229	< 1	0.02	25	590	12	< 2	4	32	0.18	< 10	< 10	91	< 10	302
5450E 5150N	201 229	1	0.03	17	620	12	< 2	2	23	0.15	< 10	< 10	63	< 10	426
5450E 5175N	201 229	< 1	0.02	10	660	114	< 2	2	22	0.10	< 10	< 10	57	< 10	940
5450E 5200N	201 229	< 1	0.03	11	390	16	< 2	2	27	0.13	< 10	< 10	65	< 10	702
5500E 4800N	201 229	1	0.03	11	430	64	< 2	3	25	0.10	< 10	< 10	56	< 10	728
5500E 4825N	201 229	1	0.02	10	550	62	< 2	4	27	0.09	< 10	< 10	69	< 10	506
5500E 4850N	201 229	1	0.03	14	710	76	< 2	3	25	0.10	< 10	< 10	61	< 10	466
5500E 4875N	201 229	< 1	0.02	11	470	34	< 2	3	29	0.11	< 10	< 10	67	< 10	280
5500E 4900N	201 229	1	0.02	9	500	26	< 2	2	28	0.10	< 10	< 10	63	< 10	184
5500E 4925N	201 229	< 1	0.03	9	680	20	< 2	3	32	0.11	< 10	< 10	59	< 10	240
5500E 4950N	201 229	1	0.03	15	250	40	< 2	8	81	0.13	< 10	< 10	63	< 10	440
5500E 4975N	201 229	1	0.02	20	1100	90	< 2	4	38	0.14	< 10	< 10	86	< 10	320
5500E 5000N	201 229	2	0.03	21	410	146	< 2	4	30	0.14	< 10	< 10	70	< 10	502
5500E 5025N	201 229	1	0.01	44	760	20	< 2	3	17	0.15	< 10	< 10	69	< 10	200
5500E 5050N	201 229	3	0.01	30	860	20	< 2	2	14	0.12	< 10	< 10	61	< 10	324
5500E 5075N	201 229	1	0.02	14	1290	12	< 2	3	15	0.12	< 10	< 10	58	< 10	182
5500E 5100N	201 229	1	0.02	14	340	14	< 2	3	29	0.11	< 10	< 10	58	< 10	234
5500E 5125N	201 229	1	0.02	10	970	42	< 2	2	16	0.09	< 10	< 10	61	< 10	306
5500E 5150N	201 229	1	0.02	10	680	32	< 2	2	19	0.10	< 10	< 10	54	< 10	410
5500E 5175N	201 229	1	0.02	12	530	62	< 2	2	29	0.13	< 10	< 10	64	< 10	752
5500E 5200N	201 229	< 1	0.03	13	1460	30	< 2	4	35	0.11	< 10	< 10	68	< 10	606

CERTIFICATION:

Hart Buehler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9323606

Comments: ATTN: TONY DRECHER CC: DOUG FULCHER CC: AL MONTGOMERY

CERTIFICATE

A9323606

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #: 1

Samples submitted to our lab in Vancouver, BC.
This report was printed on 28-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
255	2	RUSH Geo ring to approx 150 mesh
292	2	RUSH Crush and split (0-15 lbs)
229	2	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
990	2	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	2	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	2	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	2	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	2	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	2	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	2	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	2	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	2	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	2	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	2	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	2	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	2	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	2	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	2	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	2	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	2	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	2	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	2	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	2	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	2	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	2	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	2	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	2	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	2	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	2	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	2	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	2	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	2	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	2	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	2	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	2	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	2	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

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Comments : ATTN: TONY DRECHER CC: DOUG FULCHER CC: AL MONTGOMERY

CERTIFICATE OF ANALYSIS A9323606

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	RUSH	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
460592	255	292	< 5	< 0.2	0.86	10	170	< 0.5	6	0.08	< 0.5	2	145	4	3.75	< 10	< 1	0.60	< 10	0.12	30
460690	255	292	< 5	< 0.2	0.49	34	170	< 0.5	8	0.06	< 0.5	1	48	20	>15.00	10	< 1	0.13	10	0.03	55

CERTIFICATION: Hart Bickler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES **
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CERTIFICATE OF ANALYSIS

A9323606

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460592	255	292	1	0.01	3	60	8	2	< 1	70	< 0.01	< 10	< 10	6	< 10	106
460690	255	292	< 1	< 0.01	< 1	190	14	2	3	8	0.01	< 10	< 10	12	10	112

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9323605

Comments: ATTN: TONY DRECHER CC: DOUG FULCHER CC: AL MONTGOMERY

CERTIFICATE

A9323605

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 30-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
241	134	RUSH: Dry, sieve to -80 mesh
243	3	RUSH: Dry, sieve -35 mesh
255	3	RUSH Geo ring to approx 150 mesh
229	137	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
990	137	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	137	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	137	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	137	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	137	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	137	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	137	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	137	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	137	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	137	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	137	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	137	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	137	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	137	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	137	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	137	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	137	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	137	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	137	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	137	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	137	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	137	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	137	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	137	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	137	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	137	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	137	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	137	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	137	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	137	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	137	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	137	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	137	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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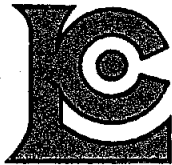
CERTIFICATE OF ANALYSIS

A9323605

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
L4275E 3600N	-- --	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
L4275E 3612N	243 255	1	0.03	5	480	62	< 2	2	27	0.03	10	< 10	28	< 10	530
L4275E 3625N	241 229	< 1	0.01	9	490	82	< 2	2	29	0.07	10	< 10	46	< 10	506
L4275E 3637N	243 255	< 1	0.05	5	410	34	< 2	1	24	0.03	< 10	< 10	31	< 10	182
L4275E 3650N	241 229	1	0.01	4	350	104	< 2	1	34	0.05	< 10	< 10	41	< 10	280
L4275E 3662N	241 229	< 1	0.02	10	890	42	< 2	1	24	0.07	< 10	< 10	45	< 10	768
L4300E 3612N	241 229	< 1	0.02	8	870	60	< 2	1	23	0.06	< 10	< 10	35	< 10	392
L4300E 3637N	241 229	< 1	0.02	6	270	54	< 2	1	26	0.07	< 10	< 10	43	< 10	284
L4300E 3662N	241 229	< 1	0.03	12	720	16	< 2	1	21	0.10	< 10	< 10	51	< 10	278
L4325E 3600N	241 229	< 1	0.01	9	430	38	< 2	2	31	0.10	< 10	< 10	66	< 10	190
L4325E 3612N	241 229	< 1	0.02	9	330	48	< 2	2	32	0.09	< 10	< 10	62	< 10	376
L4325E 3625N	243 255	< 1	0.05	5	350	36	< 2	1	41	0.04	< 10	< 10	36	< 10	246
L4325E 3637N	241 229	< 1	0.03	8	1230	18	< 2	1	20	0.09	< 10	< 10	53	< 10	598
L4325E 3650N	241 229	< 1	0.03	11	1170	18	< 2	1	23	0.10	< 10	< 10	51	< 10	370
L4325E 3662N	241 229	< 1	0.04	9	1390	30	< 2	2	24	0.10	< 10	< 10	54	< 10	412
L4350E 3612N	241 229	< 1	0.02	6	260	26	< 2	2	28	0.09	< 10	< 10	59	< 10	438
L4350E 3637N	241 229	< 1	0.03	10	1010	24	< 2	2	21	0.09	< 10	< 10	51	< 10	644
L4350E 3662N	241 229	< 1	0.03	12	880	34	< 2	2	25	0.10	< 10	< 10	61	< 10	308
L4375E 3587N	241 229	< 1	0.03	10	820	28	< 2	2	23	0.09	< 10	< 10	53	< 10	774
L4375E 3612N	241 229	< 1	0.01	8	330	38	< 2	2	25	0.08	< 10	< 10	51	< 10	444
L4375E 3637N	241 229	< 1	0.01	5	470	44	< 2	2	44	0.06	< 10	< 10	46	< 10	302
L4375E 3662N	241 229	< 1	0.03	6	580	154	< 2	1	18	0.09	< 10	< 10	54	< 10	622
L4400E 3587N	241 229	< 1	0.02	9	530	42	< 2	2	25	0.09	< 10	< 10	50	< 10	770
L4400E 3612N	241 229	< 1	0.03	9	620	38	< 2	2	29	0.09	< 10	< 10	51	< 10	538
L4400E 3637N	241 229	< 1	0.03	8	750	62	< 2	2	24	0.10	< 10	< 10	57	< 10	750
L4400E 3662N	241 229	< 1	0.01	6	480	98	< 2	2	33	0.03	10	< 10	53	< 10	734
L4425E 3587N	241 229	< 1	0.01	6	440	30	< 2	2	23	0.08	< 10	< 10	55	< 10	216
L4425E 3612N	241 229	1	0.03	11	1010	42	< 2	2	26	0.11	< 10	< 10	57	< 10	558
L4450E 3587N	241 229	< 1	0.03	4	690	82	< 2	1	36	0.06	10	< 10	37	< 10	856
L4450E 3712N	241 229	< 1	0.02	4	550	88	< 2	1	39	0.06	< 10	< 10	43	< 10	794
L4475E 3687N	241 229	1	0.03	5	850	80	< 2	1	20	0.07	< 10	< 10	43	< 10	866
L4475E 3700N	241 229	< 1	0.03	6	910	112	< 2	1	31	0.06	< 10	< 10	46	< 10	728
L4475E 3712N	241 229	1	0.02	4	810	418	< 2	1	59	0.03	10	< 10	42	< 10	700
L4575E 3112N	241 229	< 1	0.01	7	590	72	< 2	2	25	0.08	< 10	< 10	57	< 10	82
L4575E 3125N	241 229	< 1	0.02	8	820	42	< 2	2	20	0.08	< 10	< 10	53	< 10	110
L4575E 3137N	241 229	< 1	0.01	8	650	22	< 2	3	27	0.08	< 10	< 10	60	< 10	72
L4575E 3262N	241 229	< 1	0.01	2	520	354	< 2	2	23	0.01	< 10	< 10	33	< 10	484
L4575E 3275N	241 229	2	0.02	5	650	244	< 2	2	33	0.04	< 10	< 10	45	< 10	748
L4475E 3287N	241 229	< 1	0.02	9	660	112	< 2	3	30	0.11	< 10	< 10	94	< 10	656
L4575E 3737N	241 229	< 1	0.03	4	800	106	< 2	1	27	0.06	< 10	< 10	37	< 10	572

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
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Project : SIWASH
 Comments: ATTN: TONY DRECHER CC: DOUG FULCHER CC: AL MONTGOMERY

CERTIFICATE OF ANALYSIS A9323605

SAMPLE	PREP CODE	Au ppb RUSH	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
L4575E 3750N	241 229	< 5	0.8	1.31	< 2	120	< 0.5	< 2	0.25	< 0.5	3	10	14	1.63	< 10	< 1	0.06	20	0.12	375
L4575E 3762N	241 229	< 5	0.6	1.12	< 2	100	< 0.5	< 2	0.21	< 0.5	3	11	11	1.57	< 10	< 1	0.06	10	0.11	410
L4600E 3112N	241 229	< 5	< 0.2	1.03	< 2	90	< 0.5	< 2	0.34	< 0.5	4	20	15	2.03	< 10	< 1	0.09	10	0.25	240
L4600E 3137N	241 229	25	0.2	0.91	< 2	110	< 0.5	< 2	0.35	< 0.5	4	19	18	1.96	< 10	< 1	0.10	20	0.26	305
L4600E 3262N	241 229	< 5	0.8	1.41	6	350	0.5	2	0.26	< 0.5	5	8	20	2.98	< 10	< 1	0.21	10	0.19	1075
L4600E 3287N	241 229	90	41.2	1.31	28	230	0.5	80	0.26	2.0	3	12	426	6.37	< 10	< 1	0.28	20	0.12	1905
L4600E 3712N	241 229	< 5	1.4	1.48	< 2	130	< 0.5	< 2	0.18	0.5	3	9	10	1.45	< 10	< 1	0.04	20	0.08	535
L4600E 3737N	241 229	< 5	1.4	1.33	< 2	120	< 0.5	2	0.23	0.5	3	14	19	1.90	< 10	< 1	0.07	20	0.15	390
L4600E 3762N	241 229	< 5	0.6	1.21	< 2	120	< 0.5	< 2	0.20	0.5	3	12	16	1.78	< 10	< 1	0.07	20	0.13	530
L4615E 3262N	241 229	< 5	0.6	1.07	< 2	770	1.0	< 2	0.43	< 0.5	4	7	9	2.70	< 10	< 1	0.26	20	0.12	2690
L4615E 3275N	241 229	< 5	0.4	2.08	< 2	170	< 0.5	< 2	0.27	< 0.5	6	18	25	2.35	< 10	< 1	0.07	10	0.26	705
L4614E 3287N	241 229	< 5	0.6	1.74	< 2	440	< 0.5	< 2	0.21	< 0.5	4	9	6	2.07	< 10	< 1	0.08	< 10	0.14	585
L4625E 3112N	241 229	< 5	0.4	1.23	2	120	< 0.5	< 2	0.22	< 0.5	5	17	11	2.04	< 10	< 1	0.04	10	0.22	255
L4625E 3125N	241 229	< 5	0.6	1.11	< 2	130	< 0.5	< 2	0.22	< 0.5	4	16	33	2.23	< 10	< 1	0.08	10	0.22	320
L4625E 3137N	241 229	< 5	0.6	1.80	< 2	150	< 0.5	< 2	0.20	< 0.5	6	18	17	2.03	< 10	< 1	0.06	10	0.21	480
L4625E 3712N	241 229	< 5	0.8	1.41	< 2	140	< 0.5	< 2	0.23	< 0.5	3	12	14	1.82	< 10	< 1	0.07	20	0.14	365
L4625E 3725N	241 229	< 5	1.2	1.42	< 2	140	< 0.5	< 2	0.21	< 0.5	4	11	22	1.92	< 10	< 1	0.08	30	0.14	370
L4625E 3737N	241 229	< 5	1.2	1.53	2	170	< 0.5	< 2	0.23	< 0.5	4	13	27	1.97	< 10	< 1	0.08	30	0.14	520
L4625E 3750N	241 229	< 5	1.2	1.43	2	130	< 0.5	< 2	0.19	< 0.5	4	12	32	1.94	< 10	< 1	0.07	20	0.13	385
L4625E 3762N	241 229	< 5	1.4	1.43	2	140	< 0.5	< 2	0.18	< 0.5	3	10	24	1.82	< 10	< 1	0.06	20	0.11	235
L4650E 3712N	241 229	< 5	1.2	1.23	< 2	180	< 0.5	< 2	0.17	< 0.5	3	10	20	1.77	< 10	< 1	0.09	30	0.11	240
L4650E 3737N	241 229	< 5	1.0	1.80	4	160	< 0.5	< 2	0.12	< 0.5	3	9	22	1.85	< 10	< 1	0.06	20	0.09	220
L4675E 3712N	241 229	< 5	1.8	1.71	< 2	240	< 0.5	< 2	0.16	< 0.5	3	12	38	2.13	< 10	< 1	0.09	40	0.13	505
L4675E 3737N	241 229	< 5	1.0	1.91	< 2	190	< 0.5	< 2	0.16	< 0.5	3	9	25	2.04	< 10	< 1	0.07	20	0.10	410
L4700E 3462N	241 229	< 5	0.4	2.10	< 2	110	< 0.5	< 2	0.25	< 0.5	7	21	22	2.71	< 10	< 1	0.06	10	0.32	445
L4700E 3487N	241 229	< 5	0.4	2.35	< 2	100	< 0.5	< 2	0.16	< 0.5	4	12	14	1.98	< 10	< 1	0.04	10	0.17	480
L4725E 3462N	241 229	< 5	0.4	2.55	< 2	190	< 0.5	< 2	0.46	< 0.5	9	31	81	2.95	< 10	< 1	0.14	40	0.65	550
L4725E 3487N	241 229	< 5	0.2	2.19	< 2	140	< 0.5	< 2	0.26	< 0.5	7	18	25	2.20	< 10	< 1	0.07	10	0.33	610
L4750E 3487N	241 229	< 5	0.4	2.37	< 2	130	0.5	< 2	0.30	< 0.5	7	20	32	2.53	< 10	< 1	0.08	20	0.34	600
L4750E 3512N	241 229	< 5	0.2	2.40	< 2	150	< 0.5	< 2	0.34	< 0.5	9	25	40	2.64	< 10	< 1	0.07	10	0.45	465
L4750E 3537N	241 229	< 5	0.4	2.39	< 2	220	0.5	< 2	0.32	< 0.5	7	23	30	2.47	< 10	< 1	0.11	20	0.40	435
L4775E 3512N	241 229	< 5	0.4	2.53	< 2	190	0.5	< 2	0.30	< 0.5	8	20	27	2.80	< 10	< 1	0.07	10	0.31	710
L4775E 3537N	241 229	< 5	2.0	2.11	< 2	140	< 0.5	< 2	0.13	< 0.5	4	8	9	2.01	< 10	< 1	0.05	10	0.11	560
L4800E 3512N	241 229	< 5	0.6	2.72	< 2	160	0.5	< 2	0.12	< 0.5	4	9	14	1.94	< 10	< 1	0.03	20	0.14	295
L4800E 3537N	241 229	< 5	6.4	2.67	< 2	240	< 0.5	2	0.13	0.5	2	5	12	1.67	< 10	< 1	0.04	< 10	0.08	820
L4812E 3850N	241 229	< 5	0.4	1.75	< 2	160	< 0.5	< 2	0.34	< 0.5	7	37	19	2.38	< 10	< 1	0.11	10	0.50	405
L4812E 3862N	241 229	< 5	0.4	1.79	< 2	180	< 0.5	< 2	0.36	< 0.5	7	22	19	2.15	< 10	< 1	0.11	10	0.35	430
L4812E 3875N	241 229	< 5	0.2	1.57	< 2	130	< 0.5	< 2	0.44	< 0.5	7	27	24	2.28	< 10	< 1	0.16	10	0.43	305
L4812E 3887N	241 229	< 5	0.2	1.48	< 2	140	< 0.5	< 2	0.40	< 0.5	6	27	23	2.29	< 10	< 1	0.17	10	0.35	295
L4825E 3712N	241 229	< 5	3.6	2.13	14	330	< 0.5	6	0.19	< 0.5	4	19	73	3.21	< 10	< 1	0.12	20	0.21	265

CERTIFICATION: *Stuart Buchler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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To: INTERNATIONAL TOWER HILL MINES **
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
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CERTIFICATE OF ANALYSIS

A9323605

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
L4575E 3750N	241 229	< 1	0.03	4	470	114	< 2	1	27	0.06	< 10	< 10	41	< 10	596
L4575E 3762N	241 229	< 1	0.02	4	490	102	< 2	1	25	0.06	< 10	< 10	37	< 10	488
L4600E 3112N	241 229	< 1	0.01	8	700	38	< 2	2	24	0.09	< 10	< 10	57	< 10	106
L4600E 3137N	241 229	< 1	0.01	6	420	66	< 2	3	33	0.09	< 10	< 10	53	< 10	196
L4600E 3262N	241 229	< 1	0.02	4	700	126	< 2	2	24	0.03	< 10	< 10	38	< 10	602
L4600E 3287N	241 229	1	0.01	4	910	2350	< 2	3	34	0.03	< 10	< 10	32	< 10	2130
L4600E 3712N	241 229	< 1	0.03	3	940	72	< 2	1	19	0.06	< 10	< 10	32	< 10	636
L4600E 3737N	241 229	1	0.02	3	590	158	< 2	1	23	0.05	< 10	< 10	42	< 10	636
L4600E 3762N	241 229	< 1	0.02	4	560	114	< 2	1	24	0.04	< 10	< 10	39	< 10	586
L4615E 3262N	241 229	< 1	0.01	2	790	58	2	2	25	< 0.01	< 10	< 10	24	< 10	410
L4615E 3275N	241 229	< 1	0.02	9	750	38	< 2	2	19	0.09	< 10	< 10	55	< 10	234
L4614E 3287N	241 229	< 1	0.02	4	480	60	< 2	1	13	0.03	< 10	< 10	42	< 10	396
L4625E 3112N	241 229	< 1	0.02	7	820	42	< 2	1	17	0.07	< 10	< 10	50	< 10	320
L4625E 3125N	241 229	1	0.02	6	710	120	< 2	2	19	0.06	< 10	< 10	46	< 10	322
L4625E 3137N	241 229	< 1	0.03	7	1030	58	< 2	2	16	0.08	< 10	< 10	46	< 10	330
L4625E 3712N	241 229	< 1	0.03	4	630	138	< 2	1	26	0.07	< 10	< 10	43	< 10	486
L4625E 3725N	241 229	1	0.02	4	420	172	< 2	1	27	0.06	< 10	< 10	43	< 10	452
L4625E 3737N	241 229	1	0.03	4	600	156	< 2	1	29	0.07	10	< 10	45	< 10	574
L4625E 3750N	241 229	1	0.02	3	500	190	< 2	1	25	0.07	< 10	< 10	43	< 10	470
L4625E 3762N	241 229	1	0.03	3	660	218	< 2	1	25	0.06	< 10	< 10	41	< 10	348
L4650E 3712N	241 229	1	0.02	3	360	274	< 2	1	26	0.04	< 10	< 10	35	< 10	342
L4650E 3737N	241 229	1	0.04	3	430	180	< 2	1	17	0.07	< 10	< 10	37	< 10	462
L4675E 3712N	241 229	2	0.03	4	470	322	< 2	1	27	0.05	< 10	< 10	40	< 10	408
L4675E 3737N	241 229	1	0.03	3	550	300	< 2	1	20	0.07	< 10	< 10	39	< 10	570
L4700E 3462N	241 229	1	0.03	11	1170	28	< 2	2	19	0.12	< 10	< 10	76	< 10	354
L4700E 3487N	241 229	< 1	0.03	7	1580	34	< 2	2	14	0.11	< 10	< 10	47	< 10	344
L4725E 3462N	241 229	2	0.02	17	1130	168	< 2	3	29	0.11	< 10	< 10	74	< 10	474
L4725E 3487N	241 229	< 1	0.04	11	1330	46	< 2	3	22	0.12	< 10	< 10	56	< 10	282
L4750E 3487N	241 229	< 1	0.03	12	1250	100	< 2	2	21	0.12	< 10	< 10	64	< 10	350
L4750E 3512N	241 229	< 1	0.03	14	1200	50	< 2	3	24	0.13	< 10	< 10	72	< 10	248
L4750E 3537N	241 229	< 1	0.04	14	1030	110	< 2	4	27	0.13	< 10	< 10	62	< 10	488
L4775E 3512N	241 229	< 1	0.03	11	1090	64	< 2	5	24	0.13	< 10	< 10	73	< 10	476
L4775E 3537N	241 229	1	0.02	4	1000	136	< 2	1	11	0.06	< 10	< 10	39	< 10	688
L4800E 3512N	241 229	1	0.03	5	1120	26	< 2	2	12	0.11	< 10	< 10	40	< 10	428
L4800E 3537N	241 229	1	0.04	4	1930	410	< 2	1	14	0.09	< 10	< 10	30	< 10	474
L4812E 3850N	241 229	< 1	0.02	19	1110	26	< 2	3	26	0.10	< 10	< 10	61	< 10	172
L4812E 3862N	241 229	< 1	0.02	11	810	12	< 2	3	30	0.12	< 10	< 10	56	< 10	188
L4812E 3875N	241 229	< 1	0.02	13	540	14	< 2	4	35	0.14	< 10	< 10	67	< 10	114
L4812E 3887N	241 229	< 1	0.03	10	560	16	< 2	3	32	0.13	< 10	< 10	63	< 10	162
L4825E 3712N	241 229	9	0.02	7	1030	246	2	3	29	0.08	< 10	< 10	55	< 10	310

CERTIFICATION:

Anthony Buchler



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SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			RUSH																		
L4825E 3837N	241	229	< 5	0.4	1.87	< 2	200	< 0.5	< 2	0.25	< 0.5	7	17	22	2.14	< 10	< 1	0.10	10	0.28	540
L4825E 3862N	241	229	< 5	0.2	2.37	< 2	170	< 0.5	< 2	0.51	< 0.5	11	34	31	3.16	< 10	< 1	0.19	10	0.56	635
L4825E 3887N	241	229	< 5	0.2	2.06	< 2	180	< 0.5	< 2	0.39	< 0.5	8	26	28	2.51	< 10	< 1	0.13	10	0.37	350
L4837E 3687N	241	229	< 5	2.6	3.31	16	430	0.5	< 2	0.12	< 0.5	4	14	45	3.10	10	< 1	0.07	20	0.14	215
L4850E 3687N	241	229	< 5	0.6	2.78	< 2	180	0.5	< 2	0.17	< 0.5	6	16	27	2.65	< 10	< 1	0.04	10	0.17	620
L4850E 3712N	241	229	< 5	0.2	1.40	< 2	130	< 0.5	< 2	0.35	< 0.5	6	24	14	2.10	< 10	< 1	0.11	10	0.27	260
L4850E 3837N	241	229	< 5	0.2	1.86	< 2	180	< 0.5	< 2	0.37	< 0.5	10	24	27	2.44	< 10	< 1	0.14	10	0.49	500
L4850E 3862N	241	229	< 5	0.2	1.84	< 2	160	< 0.5	< 2	0.30	< 0.5	8	19	25	2.22	< 10	< 1	0.09	10	0.38	370
L4850E 3887N	241	229	< 5	0.4	2.12	< 2	140	< 0.5	< 2	0.27	< 0.5	8	19	29	2.36	< 10	< 1	0.07	10	0.35	440
L4875E 3662N	241	229	< 5	0.4	1.50	< 2	150	< 0.5	< 2	0.65	< 0.5	9	34	47	2.34	< 10	< 1	0.20	30	0.50	360
L4875E 3687N	241	229	< 5	0.2	1.35	< 2	110	< 0.5	< 2	0.32	< 0.5	6	19	14	2.16	< 10	< 1	0.08	10	0.24	225
L4875E 3712N	241	229	< 5	0.2	1.67	< 2	130	< 0.5	< 2	0.26	< 0.5	6	17	16	1.99	< 10	< 1	0.09	10	0.22	425
L4875E 3787N	241	229	30	< 0.2	1.34	2	150	< 0.5	2	0.61	< 0.5	10	25	53	2.73	10	< 1	0.22	30	0.50	735
L4875E 3812N	241	229	< 5	< 0.2	2.35	< 2	120	0.5	< 2	0.33	< 0.5	9	22	35	2.54	< 10	< 1	0.06	10	0.41	355
L4900E 3787N	241	229	< 5	< 0.2	1.50	< 2	130	< 0.5	2	0.31	< 0.5	6	17	13	1.98	< 10	< 1	0.07	10	0.21	340
L4900E 3812N	241	229	155	< 0.2	1.22	< 2	100	< 0.5	< 2	0.35	< 0.5	5	20	15	1.81	< 10	< 1	0.07	20	0.23	280
L4925E 3787N	241	229	< 5	< 0.2	1.09	4	90	< 0.5	< 2	0.38	< 0.5	6	20	16	2.03	< 10	< 1	0.07	10	0.25	215
L4925E 3812N	241	229	< 5	0.2	1.32	< 2	110	< 0.5	2	0.30	< 0.5	5	16	21	1.78	< 10	< 1	0.06	20	0.21	310
L4950E 3787N	241	229	< 5	0.2	1.78	4	140	0.5	< 2	0.31	< 0.5	7	17	17	1.91	< 10	< 1	0.07	10	0.25	560
L4950E 3812N	241	229	< 5	0.4	1.77	< 2	160	0.5	< 2	0.31	< 0.5	6	17	20	2.00	< 10	< 1	0.09	20	0.28	625
L4975E 3787N	241	229	< 5	0.4	1.71	< 2	110	< 0.5	< 2	0.25	< 0.5	6	13	14	1.85	10	< 1	0.06	10	0.21	375
L4975E 3812N	241	229	30	0.4	1.91	< 2	140	< 0.5	< 2	0.30	< 0.5	6	16	17	2.00	10	< 1	0.06	10	0.25	670
L6000E 5025N	241	229	< 5	0.2	2.04	< 2	150	< 0.5	< 2	0.48	< 0.5	8	27	30	2.41	10	< 1	0.10	10	0.48	290
L6000E 5050N	241	229	< 5	0.2	2.08	< 2	190	< 0.5	< 2	0.60	< 0.5	9	40	37	2.59	10	< 1	0.12	10	0.66	420
L6000E 5075N	241	229	< 5	0.2	1.34	< 2	130	< 0.5	< 2	0.55	< 0.5	7	26	19	2.22	< 10	< 1	0.09	10	0.53	250
L6000E 5100N	241	229	< 5	0.2	1.52	< 2	130	< 0.5	< 2	0.34	< 0.5	7	20	19	2.14	< 10	< 1	0.07	10	0.34	245
L6000E 5125N	241	229	< 5	0.2	1.62	< 2	100	< 0.5	< 2	0.27	< 0.5	6	17	16	1.94	< 10	< 1	0.05	10	0.23	200
L6000E 5150N	241	229	< 5	0.2	1.71	< 2	120	< 0.5	< 2	0.33	< 0.5	6	20	19	2.07	< 10	< 1	0.06	10	0.30	235
L6000E 5175N	241	229	< 5	0.8	2.76	< 2	90	< 0.5	< 2	0.30	0.5	7	22	34	2.38	10	< 1	0.06	10	0.29	220
L6000E 5200N	241	229	35	0.2	2.16	< 2	110	< 0.5	< 2	0.34	< 0.5	7	22	21	2.25	10	< 1	0.08	10	0.30	230
L6000E 5225N	241	229	< 5	0.2	1.49	4	110	< 0.5	< 2	0.42	< 0.5	7	24	22	2.19	< 10	< 1	0.06	10	0.41	200
L6000E 5250N	241	229	< 5	0.2	2.14	4	110	< 0.5	2	0.43	< 0.5	9	33	25	2.64	10	< 1	0.09	10	0.52	325
L6000E 5275N	241	229	< 5	0.4	2.43	6	110	< 0.5	< 2	0.19	< 0.5	7	21	19	2.23	10	< 1	0.06	10	0.31	235
L6000E 5300N	241	229	< 5	0.4	2.47	2	150	0.5	< 2	0.24	< 0.5	7	22	24	2.26	10	< 1	0.07	10	0.33	310
L6000E 5325N	241	229	< 5	0.4	1.47	4	110	< 0.5	< 2	0.35	< 0.5	6	23	17	2.18	< 10	< 1	0.08	10	0.36	190
L6000E 5350N	241	229	< 5	0.2	1.07	2	100	< 0.5	< 2	0.43	< 0.5	6	24	19	2.33	< 10	< 1	0.09	10	0.38	250
L6000E 5375N	241	229	< 5	0.2	2.17	6	160	< 0.5	< 2	0.28	< 0.5	7	23	32	2.35	< 10	< 1	0.09	10	0.35	180
L6000E 5400N	241	229	< 5	0.2	1.58	4	110	< 0.5	< 2	0.51	< 0.5	8	31	23	2.18	< 10	< 1	0.10	10	0.63	270
L6000E 5425N	241	229	< 5	0.4	2.81	< 2	250	0.5	< 2	0.58	< 0.5	10	36	47	2.67	10	< 1	0.13	20	0.58	450
L6000E 5450N	241	229	< 5	0.2	1.63	6	150	< 0.5	< 2	0.54	< 0.5	9	35	21	2.26	< 10	< 1	0.10	10	0.59	260

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Page Number :3-B
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 Invoice No. :I9323605
 P.O. Number :
 Account :KAR

Project : SIWASH
 Comments: ATTN: TONY DRECHER CC: DOUG FULCHER CC: AL MONTGOMERY

CERTIFICATE OF ANALYSIS

A9323605

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
L4825E 3837N	241 229	< 1	0.02	11	1600	24	< 2	3	19	0.08	< 10	< 10	48	< 10	252
L4825E 3862N	241 229	< 1	0.02	15	930	18	< 2	7	36	0.17	< 10	< 10	87	< 10	186
L4825E 3887N	241 229	< 1	0.03	14	1160	22	< 2	3	30	0.12	< 10	< 10	70	< 10	180
L4837E 3687N	241 229	9	0.04	7	1510	224	< 2	3	20	0.11	< 10	< 10	49	< 10	242
L4850E 3687N	241 229	2	0.03	8	1480	240	< 2	2	17	0.12	10	< 10	55	< 10	278
L4850E 3712N	241 229	< 1	0.02	10	580	16	< 2	3	27	0.12	< 10	< 10	59	< 10	82
L4850E 3837N	241 229	1	0.02	14	860	24	< 2	3	27	0.11	< 10	< 10	67	< 10	186
L4850E 3863N	241 229	< 1	0.02	14	950	14	< 2	2	23	0.10	< 10	< 10	61	< 10	160
L4850E 3887N	241 229	< 1	0.03	12	1620	10	< 2	3	21	0.11	< 10	< 10	65	< 10	146
L4875E 3662N	241 229	< 1	0.02	12	820	36	< 2	6	50	0.10	10	< 10	65	< 10	186
L4875E 3687N	241 229	< 1	0.02	9	1040	16	< 2	2	20	0.08	< 10	< 10	59	< 10	98
L4875E 3712N	241 229	< 1	0.02	8	830	18	< 2	2	20	0.10	< 10	< 10	49	< 10	198
L4875E 3787N	241 229	1	0.03	12	970	48	< 2	6	38	0.11	10	< 10	75	< 10	206
L4875E 3812N	241 229	< 1	0.03	12	1480	12	< 2	3	26	0.13	< 10	< 10	76	< 10	116
L4900E 3787N	241 229	< 1	0.03	10	1090	16	< 2	2	23	0.10	< 10	< 10	56	< 10	98
L4900E 3812N	241 229	< 1	0.03	9	270	22	< 2	2	29	0.11	< 10	< 10	55	< 10	94
L4925E 3787N	241 229	< 1	0.02	8	720	16	< 2	2	26	0.10	< 10	< 10	65	< 10	62
L4925E 3812N	241 229	< 1	0.02	9	700	48	< 2	2	26	0.09	< 10	< 10	52	< 10	160
L4950E 3787N	241 229	< 1	0.04	12	1250	102	< 2	2	25	0.10	< 10	< 10	53	< 10	310
L4950E 3812N	241 229	< 1	0.03	11	1400	134	< 2	2	26	0.08	< 10	< 10	52	< 10	314
L4975E 3787N	241 229	< 1	0.03	10	1220	64	< 2	2	20	0.10	< 10	< 10	49	< 10	282
L4975E 3812N	241 229	< 1	0.03	10	1480	86	< 2	2	26	0.10	< 10	< 10	54	< 10	432
L6000E 5025N	241 229	1	0.03	15	340	6	< 2	4	41	0.15	< 10	< 10	68	< 10	130
L6000E 5050N	241 229	1	0.03	19	340	6	< 2	6	54	0.17	< 10	< 10	71	< 10	106
L6000E 5075N	241 229	< 1	0.02	11	550	4	< 2	3	40	0.13	< 10	< 10	67	< 10	78
L6000E 5100N	241 229	< 1	0.02	10	690	8	< 2	2	27	0.11	< 10	< 10	61	< 10	120
L6000E 5125N	241 229	< 1	0.03	10	740	6	< 2	2	22	0.11	< 10	< 10	55	< 10	78
L6000E 5150N	241 229	< 1	0.03	10	790	6	< 2	3	30	0.11	< 10	< 10	58	< 10	116
L6000E 5175N	241 229	1	0.03	11	880	10	< 2	4	25	0.13	< 10	< 10	64	< 10	1015
L6000E 5200N	241 229	1	0.03	13	1000	4	< 2	3	30	0.13	< 10	< 10	62	< 10	96
L6000E 5225N	241 229	< 1	0.02	10	550	2	< 2	3	34	0.13	< 10	< 10	72	< 10	182
L6000E 5250N	241 229	< 1	0.03	14	1020	6	< 2	4	39	0.14	< 10	< 10	79	< 10	244
L6000E 5275N	241 229	< 1	0.03	9	970	12	< 2	2	19	0.11	< 10	< 10	55	< 10	212
L6000E 5300N	241 229	1	0.03	10	1000	14	< 2	4	21	0.10	< 10	< 10	54	< 10	440
L6000E 5325N	241 229	< 1	0.02	10	620	10	< 2	2	28	0.10	< 10	< 10	62	< 10	280
L6000E 5350N	241 229	< 1	0.02	9	820	14	< 2	3	28	0.08	< 10	< 10	64	< 10	162
L6000E 5375N	241 229	< 1	0.03	14	1070	6	< 2	3	25	0.10	< 10	< 10	59	< 10	128
L6000E 5400N	241 229	< 1	0.02	14	750	8	< 2	3	46	0.12	< 10	< 10	63	< 10	96
L6000E 5425N	241 229	< 1	0.03	18	720	8	< 2	6	73	0.11	10	< 10	65	< 10	230
L6000E 5450N	241 229	< 1	0.02	16	640	6	< 2	4	51	0.13	< 10	< 10	61	< 10	124

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

To: INTERNATIONAL TOWER HILL MINES **
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Page Number : 4-A
 Total Pages : 4
 Certificate Date: 30-OCT-93
 Invoice No. : I9323605
 P.O. Number :
 Account : KAR

Project : SIWASH
 Comments: ATTN: TONY DRECHER CC: DOUG FULCHER CC: AL MONTGOMERY

CERTIFICATE OF ANALYSIS A9323605

SAMPLE	PREP CODE	Au ppb RUSH	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
L6000E 5475N	241 229	< 5	0.2	1.67	4	180	< 0.5	< 2	0.43	< 0.5	8	28	18	2.18	< 10	< 1	0.08	10	0.51	265
L6000E 5500N	241 229	< 5	0.2	1.96	2	130	< 0.5	< 2	0.43	< 0.5	9	30	21	2.49	10	< 1	0.10	10	0.49	280
L6200E 5025N	241 229	< 5	0.4	2.29	2	140	< 0.5	< 2	0.33	< 0.5	8	30	20	2.61	10	< 1	0.09	10	0.43	210
L6200E 5050N	241 229	< 5	0.4	2.59	< 2	160	< 0.5	2	0.34	< 0.5	9	29	27	2.54	10	< 1	0.08	10	0.43	260
L6200E 5075N	241 229	< 5	0.2	2.12	2	80	< 0.5	< 2	0.21	< 0.5	7	21	15	2.29	10	< 1	0.05	< 10	0.30	315
L6200E 5100N	241 229	< 5	0.2	1.72	6	120	< 0.5	< 2	0.64	< 0.5	11	45	35	2.79	10	< 1	0.21	10	0.74	325
L6200E 5125N	241 229	< 5	< 0.2	1.68	2	110	< 0.5	< 2	0.62	< 0.5	10	44	21	2.41	< 10	< 1	0.17	10	0.80	290
L6200E 5150N	241 229	< 5	0.2	1.62	4	120	< 0.5	< 2	0.51	< 0.5	9	34	24	2.25	< 10	< 1	0.14	10	0.60	230
L6200E 5175N	241 229	< 5	0.2	1.60	< 2	100	< 0.5	< 2	0.33	< 0.5	6	26	19	1.86	< 10	< 1	0.08	10	0.42	220
L6200E 5200N	241 229	< 5	< 0.2	1.37	8	100	< 0.5	< 2	0.62	< 0.5	9	34	24	2.25	< 10	< 1	0.15	10	0.67	275
L6200E 5225N	241 229	< 5	0.2	1.17	4	90	< 0.5	< 2	0.51	< 0.5	9	32	23	2.33	< 10	< 1	0.10	10	0.54	240
L6200E 5250N	241 229	< 5	0.2	1.41	< 2	100	< 0.5	< 2	0.32	< 0.5	8	24	17	2.03	< 10	< 1	0.08	10	0.39	210
L6200E 5275N	241 229	< 5	0.2	1.89	2	120	< 0.5	< 2	0.30	< 0.5	8	21	21	2.30	10	< 1	0.07	10	0.35	225
L6200E 5300N	241 229	< 5	0.2	1.80	< 2	130	< 0.5	< 2	0.46	< 0.5	9	31	22	2.55	< 10	< 1	0.10	10	0.51	265
L6200E 5325N	241 229	< 5	0.2	2.09	< 2	120	< 0.5	< 2	0.31	< 0.5	9	26	20	2.39	10	< 1	0.07	10	0.38	445
L6200E 5350N	241 229	< 5	0.2	2.25	6	110	< 0.5	< 2	0.40	< 0.5	9	29	25	2.78	10	< 1	0.06	10	0.53	315
L6200E 5375N	241 229	< 5	0.2	2.54	< 2	120	< 0.5	< 2	0.30	< 0.5	8	23	21	2.57	10	< 1	0.07	10	0.40	300
L6200E 5400N	241 229	< 5	0.2	2.09	< 2	160	< 0.5	2	0.47	< 0.5	10	33	33	2.75	10	< 1	0.08	10	0.57	290

CERTIFICATION:

Hart Becker



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Page Number :4-B
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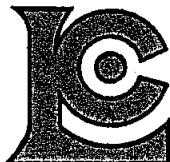
Project : SIWASH
 Comments: ATTN: TONY DRECHER CC: DOUG FULCHER CC: AL MONTGOMERY

CERTIFICATE OF ANALYSIS

A9323605

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L6000E 5475N	241	229	< 1	0.03	16	630	4	< 2	3	41	0.13	< 10	< 10	59	< 10	130
L6000E 5500N	241	229	< 1	0.03	17	1730	4	< 2	3	47	0.12	< 10	< 10	66	< 10	138
L6200E 5025N	241	229	2	0.03	16	1020	12	< 2	3	32	0.14	< 10	< 10	68	< 10	368
L6200E 5050N	241	229	1	0.03	17	850	10	< 2	4	36	0.14	< 10	< 10	66	< 10	264
L6200E 5075N	241	229	2	0.03	14	1270	4	< 2	2	21	0.13	< 10	< 10	60	< 10	116
L6200E 5100N	241	229	< 1	0.02	22	1150	2	< 2	4	58	0.14	< 10	< 10	81	< 10	56
L6200E 5125N	241	229	< 1	0.02	21	1080	2	< 2	4	58	0.15	< 10	< 10	72	< 10	58
L6200E 5150N	241	229	< 1	0.03	18	1020	2	< 2	3	45	0.12	< 10	< 10	63	< 10	64
L6200E 5175N	241	229	< 1	0.02	14	380	4	< 2	2	30	0.12	10	< 10	51	< 10	80
L6200E 5200N	241	229	< 1	0.02	18	1450	4	< 2	3	47	0.10	< 10	< 10	65	< 10	50
L6200E 5225N	241	229	< 1	0.01	13	1050	2	< 2	3	40	0.10	< 10	< 10	67	< 10	48
L6200E 5250N	241	229	< 1	0.02	12	970	2	< 2	2	28	0.09	< 10	< 10	55	< 10	66
L6200E 5275N	241	229	< 1	0.03	12	1020	14	< 2	2	25	0.12	10	< 10	61	< 10	120
L6200E 5300N	241	229	< 1	0.02	15	1070	4	< 2	3	42	0.14	< 10	< 10	74	< 10	162
L6200E 5325N	241	229	< 1	0.03	16	1370	4	< 2	3	27	0.13	< 10	< 10	63	< 10	102
L6200E 5350N	241	229	< 1	0.03	16	940	2	< 2	3	38	0.15	< 10	< 10	81	< 10	88
L6200E 5375N	241	229	< 1	0.03	13	1220	16	< 2	3	25	0.14	< 10	< 10	69	< 10	212
L6200E 5400N	241	229	< 1	0.02	16	1340	4	< 2	3	38	0.14	< 10	< 10	77	< 10	148

CERTIFICATION: *Hart Bichler*



Chemex Labs Ltd.

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To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

A9323347

Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE

A9323347

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
 P.O.#:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 28-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	5	Geochem ring to approx 150 mesh
274	5	0-15 lb crush and split
229	5	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	5	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	5	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	5	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	5	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	5	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	5	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	5	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	5	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	5	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	5	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	5	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	5	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	5	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	5	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	5	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	5	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	5	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	5	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	5	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	5	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	5	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	5	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	5	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	5	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	5	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	5	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	5	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	5	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	5	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	5	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	5	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	5	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	5	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES **
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

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Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

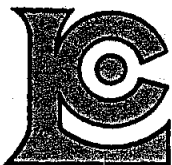
CERTIFICATE OF ANALYSIS

A9323347

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
460751	205	274	< 5	0.4	0.47	4	1360	< 0.5	< 2	0.14	5.0	14	27	166	2.40	10	< 1	0.28	40	0.02	4930
460752	205	274	< 5	0.2	3.34	8	280	< 0.5	< 2	0.25	< 0.5	7	48	703	10.25	20	< 1	0.09	10	1.94	2130
460753	205	274	< 5	< 0.2	3.00	4	160	< 0.5	< 2	0.38	< 0.5	10	35	199	8.94	20	< 1	0.09	10	1.48	2180
460754	205	274	< 5	4.8	0.47	6	100	< 0.5	8	0.02	< 0.5	< 1	136	18	1.40	< 10	< 1	0.36	30	0.04	90
460755	205	274	< 5	0.4	0.59	2	230	< 0.5	< 2	0.02	< 0.5	1	74	8	3.14	< 10	< 1	0.56	20	0.06	30

CERTIFICATION:

Hart Bichler



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SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460751	205	274	2	0.01	4	830	590	< 2	1	26	< 0.01	< 10	< 10	10	< 10	2430
460752	205	274	3	0.03	3	840	102	2	12	9	0.03	< 10	< 10	119	< 10	686
460753	205	274	3	0.02	2	910	46	< 2	11	14	< 0.01	< 10	< 10	105	< 10	548
460754	205	274	1	< 0.01	1	130	502	< 2	< 1	4	< 0.01	< 10	< 10	4	< 10	192
460755	205	274	2	0.01	1	170	374	< 2	< 1	40	< 0.01	< 10	< 10	9	< 10	12

CERTIFICATION: Hart Buchler



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CERTIFICATE

A9323346

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O.#:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 28-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	156	Dry, sieve to -80 mesh ICP - AQ Digestion charge
229	156	
* 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	156	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	156	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	156	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	156	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	156	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	156	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	156	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	156	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	156	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	156	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	156	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	156	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	156	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	156	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	156	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	156	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	156	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	156	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	156	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	156	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	156	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	156	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	156	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	156	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	156	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	156	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	156	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	156	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	156	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	156	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	156	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	156	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	156	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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CERTIFICATE OF ANALYSIS A9323346

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
L49+50E 51+50N	201 229	< 5	0.4	1.22	< 2	260	< 0.5	< 2	0.24	0.5	9	17	51	3.29	10	< 1	0.20	40	0.28	1760
L49+50E 51+75N	201 229	345	0.4	1.10	< 2	1150	< 0.5	2	0.54	< 0.5	8	20	41	2.49	20	< 1	0.22	180	0.29	1450
L49+50E 52+00N	201 229	< 5	0.2	1.16	< 2	460	< 0.5	< 2	0.56	0.5	9	22	24	2.36	10	< 1	0.18	40	0.35	1290
L49+50E 52+25N	201 229	< 5	< 0.2	1.14	< 2	390	0.5	< 2	0.52	0.5	10	16	15	2.01	10	< 1	0.13	20	0.20	3080
L49+50E 52+50N	201 229	< 5	0.2	1.52	4	140	< 0.5	< 2	0.35	< 0.5	6	21	13	1.91	10	< 1	0.10	10	0.22	305
L49+50E 52+75N	201 229	< 5	0.2	1.24	2	190	< 0.5	< 2	0.20	< 0.5	4	11	15	1.74	10	< 1	0.10	< 10	0.16	430
L49+50E 53+00N	201 229	< 5	0.2	0.89	< 2	150	0.5	< 2	0.32	< 0.5	8	17	35	2.51	10	< 1	0.22	80	0.28	825
L49+50E 53+25N	201 229	< 5	< 0.2	0.73	< 2	130	< 0.5	< 2	0.33	< 0.5	6	21	10	1.82	10	< 1	0.16	10	0.26	450
L49+50E 53+50N	201 229	< 5	< 0.2	0.78	< 2	60	< 0.5	< 2	0.33	< 0.5	4	23	9	1.76	10	< 1	0.09	10	0.21	160
L49+50E 53+75N	201 229	< 5	< 0.2	1.29	< 2	90	0.5	< 2	0.26	< 0.5	6	18	15	1.80	10	< 1	0.07	< 10	0.23	195
L49+50E 54+00N	201 229	< 5	< 0.2	0.94	4	70	< 0.5	< 2	0.33	< 0.5	5	22	13	1.86	< 10	< 1	0.07	< 10	0.25	130
L50+50E 52+00N	201 229	35	0.4	1.71	< 2	190	1.0	< 2	0.68	< 0.5	8	26	56	2.45	10	< 1	0.11	20	0.38	555
L50+50E 52+25N	201 229	< 5	< 0.2	1.50	2	90	< 0.5	< 2	0.45	< 0.5	9	32	29	2.54	10	< 1	0.16	< 10	0.60	190
L50+50E 52+50N	201 229	< 5	< 0.2	2.01	4	100	< 0.5	< 2	0.26	< 0.5	10	23	24	2.20	10	< 1	0.06	< 10	0.43	505
L50+50E 52+75N	201 229	< 5	0.2	2.58	4	160	< 0.5	< 2	0.35	< 0.5	11	27	31	2.39	10	< 1	0.08	< 10	0.52	230
L50+50E 53+00N	201 229	< 5	0.4	2.31	< 2	130	< 0.5	< 2	0.31	< 0.5	9	22	26	2.30	10	< 1	0.07	< 10	0.39	260
L50+50E 53+25N	201 229	< 5	0.6	1.82	< 2	160	< 0.5	< 2	0.20	< 0.5	6	11	31	2.37	10	< 1	0.07	< 10	0.15	470
L50+50E 53+50N	201 229	< 5	0.6	2.30	< 2	230	< 0.5	< 2	0.57	< 0.5	8	21	68	2.59	10	< 1	0.07	10	0.33	475
L50+50E 53+75N	201 229	< 5	0.4	1.55	< 2	120	< 0.5	< 2	0.26	< 0.5	6	16	19	1.85	10	< 1	0.06	< 10	0.25	330
L50+50E 54+00N	201 229	< 5	0.6	2.08	< 2	110	< 0.5	< 2	0.21	< 0.5	7	12	76	2.39	10	< 1	0.07	10	0.29	470
L50+50E 54+25N	201 229	20	< 0.2	2.01	< 2	230	< 0.5	< 2	0.54	1.0	13	15	27	3.65	10	< 1	0.17	< 10	0.57	1960
L50+50E 54+50N	201 229	< 5	0.2	1.36	< 2	120	< 0.5	< 2	0.30	< 0.5	9	10	11	2.75	10	< 1	0.09	< 10	0.31	775
L50+50E 54+75N	201 229	< 5	0.2	1.41	< 2	310	< 0.5	2	0.35	0.5	9	9	20	2.63	10	< 1	0.10	< 10	0.29	1425
L54+00E 50+25N	201 229	< 5	0.8	1.55	4	170	< 0.5	2	0.28	< 0.5	7	15	45	2.57	< 10	< 1	0.09	< 10	0.22	270
L54+00E 50+50N	201 229	< 5	0.4	2.41	2	140	< 0.5	< 2	0.22	< 0.5	8	12	57	2.58	10	< 1	0.06	< 10	0.21	515
L54+00E 50+75N	201 229	< 5	0.6	2.61	2	240	< 0.5	4	0.34	< 0.5	9	21	97	2.98	10	< 1	0.08	< 10	0.35	605
L54+00E 51+00N	201 229	< 5	0.4	2.55	< 2	260	< 0.5	2	0.23	0.5	8	12	53	2.36	10	< 1	0.07	10	0.22	825
L54+00E 51+25N	201 229	< 5	0.6	1.92	< 2	110	< 0.5	< 2	0.16	< 0.5	7	11	33	2.23	10	< 1	0.05	< 10	0.18	345
L54+00E 51+50N	201 229	< 5	0.8	1.92	< 2	180	< 0.5	2	0.36	0.5	8	22	218	2.45	10	< 1	0.08	10	0.33	500
L54+00E 51+75N	201 229	< 5	0.6	2.27	8	170	< 0.5	< 2	0.24	0.5	8	18	32	2.19	10	< 1	0.06	< 10	0.30	770
L54+00E 52+00N	201 229	< 5	0.6	2.69	< 2	230	< 0.5	< 2	0.27	0.5	10	26	46	2.65	10	< 1	0.08	< 10	0.43	625
L54+00E 52+25N	201 229	15	0.4	1.65	6	200	< 0.5	< 2	0.37	< 0.5	9	23	71	2.31	< 10	< 1	0.09	< 10	0.44	335
L54+00E 52+50N	201 229	< 5	1.4	2.09	2	280	< 0.5	< 2	0.46	< 0.5	7	24	88	2.43	< 10	< 1	0.10	< 10	0.43	490
L54+00E 52+75N	201 229	< 5	0.2	1.69	4	110	< 0.5	< 2	0.17	< 0.5	4	8	11	1.63	< 10	< 1	0.04	< 10	0.13	280
L54+00E 53+00N	201 229	< 5	0.4	1.41	4	120	< 0.5	< 2	0.19	< 0.5	4	6	7	1.69	< 10	< 1	0.04	< 10	0.12	405
L54+00E 53+25N	201 229	60	0.6	1.57	< 2	210	< 0.5	4	0.28	< 0.5	6	11	27	2.37	< 10	< 1	0.09	< 10	0.20	210
L54+00E 53+50N	201 229	< 5	0.8	1.89	< 2	230	< 0.5	< 2	0.34	< 0.5	6	13	38	2.43	10	< 1	0.09	10	0.21	355
L54+00E 53+75N	201 229	10	1.2	1.88	8	210	< 0.5	< 2	0.56	< 0.5	8	23	45	2.83	10	< 1	0.14	20	0.40	315
L54+00E 54+00N	201 229	< 5	0.2	1.02	< 2	60	< 0.5	< 2	0.20	< 0.5	3	9	5	1.56	< 10	< 1	0.11	< 10	0.19	105
L54+00E 54+25N	201 229	< 5	< 0.2	1.21	< 2	130	< 0.5	< 2	0.31	< 0.5	3	10	7	1.44	< 10	< 1	0.14	10	0.20	130

CERTIFICATION:

Hart Bichler



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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L49+50E 51+50N	201 229	2	0.01	7	550	302	< 2	3	28	0.06	< 10	< 10	58	< 10	900
L49+50E 51+75N	201 229	1	0.01	7	770	70	< 2	3	49	0.04	< 10	< 10	53	< 10	326
L49+50E 52+00N	201 229	1	0.01	10	840	36	< 2	3	50	0.07	< 10	< 10	61	< 10	248
L49+50E 52+25N	201 229	1	0.02	7	1190	126	< 2	2	36	0.05	< 10	< 10	49	< 10	752
L49+50E 52+50N	201 229	< 1	0.02	9	1120	18	< 2	2	23	0.08	< 10	< 10	50	< 10	178
L49+50E 52+75N	201 229	< 1	0.02	7	840	18	< 2	1	15	0.07	< 10	< 10	43	< 10	200
L49+50E 53+00N	201 229	1	0.01	8	660	30	< 2	3	27	0.06	< 10	< 10	56	< 10	192
L49+50E 53+25N	201 229	< 1	0.01	7	260	16	< 2	2	24	0.11	< 10	< 10	56	< 10	46
L49+50E 53+50N	201 229	< 1	0.01	7	420	10	< 2	2	21	0.09	< 10	< 10	55	< 10	30
L49+50E 53+75N	201 229	< 1	0.02	10	1130	4	< 2	2	18	0.07	< 10	< 10	53	< 10	54
L49+50E 54+00N	201 229	< 1	0.01	8	610	2	< 2	2	21	0.08	< 10	< 10	60	< 10	26
L50+50E 52+00N	201 229	< 1	0.02	13	620	14	< 2	3	62	0.10	< 10	< 10	65	< 10	166
L50+50E 52+25N	201 229	< 1	0.02	18	300	2	< 2	3	32	0.15	< 10	< 10	82	< 10	52
L50+50E 52+50N	201 229	< 1	0.03	17	1190	4	< 2	2	20	0.12	< 10	< 10	61	< 10	106
L50+50E 52+75N	201 229	< 1	0.04	21	1440	4	< 2	3	28	0.14	< 10	< 10	62	< 10	118
L50+50E 53+00N	201 229	< 1	0.04	14	840	6	< 2	2	24	0.13	< 10	< 10	61	< 10	128
L50+50E 53+25N	201 229	< 1	0.03	5	810	50	< 2	1	17	0.07	< 10	< 10	51	< 10	260
L50+50E 53+50N	201 229	< 1	0.04	11	190	14	< 2	3	47	0.13	< 10	< 10	65	< 10	150
L50+50E 53+75N	201 229	< 1	0.02	8	1230	16	< 2	2	23	0.08	< 10	< 10	49	< 10	192
L50+50E 54+00N	201 229	1	0.03	6	590	14	< 2	3	16	0.10	< 10	< 10	58	< 10	226
L50+50E 54+25N	201 229	2	0.02	7	580	34	< 2	6	36	0.14	< 10	< 10	90	< 10	310
L50+50E 54+50N	201 229	1	0.02	3	790	48	< 2	3	19	0.12	< 10	< 10	72	< 10	340
L50+50E 54+75N	201 229	2	0.03	4	1760	12	< 2	4	25	0.11	< 10	< 10	67	< 10	304
L54+00E 50+25N	201 229	1	0.02	7	180	76	< 2	2	21	0.08	< 10	< 10	54	< 10	522
L54+00E 50+50N	201 229	< 1	0.03	10	690	34	< 2	2	17	0.11	< 10	< 10	59	< 10	404
L54+00E 50+75N	201 229	1	0.02	13	280	42	< 2	3	26	0.12	< 10	< 10	67	< 10	436
L54+00E 51+00N	201 229	< 1	0.03	8	1220	20	< 2	2	19	0.09	< 10	< 10	50	< 10	398
L54+00E 51+25N	201 229	< 1	0.02	7	280	22	< 2	1	14	0.09	< 10	< 10	53	< 10	1080
L54+00E 51+50N	201 229	< 1	0.03	12	380	32	< 2	3	30	0.10	< 10	< 10	59	< 10	1390
L54+00E 51+75N	201 229	< 1	0.03	13	800	58	< 2	2	20	0.10	< 10	< 10	52	< 10	1600
L54+00E 52+00N	201 229	< 1	0.03	16	940	28	< 2	3	25	0.12	< 10	< 10	62	< 10	1665
L54+00E 52+25N	201 229	1	0.02	12	330	14	< 2	2	32	0.09	< 10	< 10	59	< 10	290
L54+00E 52+50N	201 229	< 1	0.02	12	330	18	< 2	4	37	0.09	< 10	< 10	52	< 10	304
L54+00E 52+75N	201 229	< 1	0.01	5	2010	8	< 2	1	14	0.06	< 10	< 10	33	< 10	192
L54+00E 53+00N	201 229	1	0.02	4	1220	6	< 2	1	15	0.08	< 10	< 10	39	< 10	168
L54+00E 53+25N	201 229	1	0.02	4	380	20	< 2	2	20	0.06	< 10	< 10	56	< 10	288
L54+00E 53+50N	201 229	1	0.03	6	290	20	< 2	3	24	0.07	< 10	< 10	56	< 10	288
L54+00E 53+75N	201 229	1	0.02	7	230	22	< 2	7	34	0.09	< 10	< 10	68	< 10	212
L54+00E 54+00N	201 229	< 1	0.02	3	210	8	< 2	1	13	0.07	< 10	< 10	40	< 10	64
L54+00E 54+25N	201 229	< 1	0.01	3	250	8	< 2	1	21	0.04	< 10	< 10	33	< 10	54

CERTIFICATION:

Tony Drescher



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
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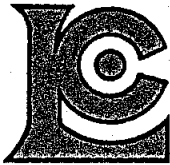
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 Account :KAR

Project : SIWASH
 Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323346

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
L54+00E 54+50N	201	229	< 5	0.6	1.85	2	250	0.5	< 2	0.51	< 0.5	6	20	19	1.89	10	< 1	0.15	90	0.32	520
L54+00E 54+75N	201	229	< 5	0.6	1.71	4	270	0.5	< 2	0.40	< 0.5	4	18	10	1.76	10	< 1	0.08	60	0.19	230
L54+00E 55+00N	201	229	< 5	0.4	1.83	4	270	< 0.5	< 2	0.39	< 0.5	8	17	16	3.18	10	< 1	0.18	20	0.44	300
L56+00E 50+25N	201	229	< 5	0.4	1.46	< 2	80	< 0.5	< 2	0.17	< 0.5	4	15	14	1.80	10	< 1	0.06	10	0.17	215
L56+00E 50+50N	201	229	< 5	0.6	2.21	< 2	160	< 0.5	< 2	0.20	< 0.5	4	15	39	1.84	10	< 1	0.08	10	0.15	140
L56+00E 50+75N	201	229	< 5	0.6	1.78	< 2	170	< 0.5	< 2	0.19	< 0.5	6	20	51	2.31	10	< 1	0.06	10	0.23	185
L56+00E 51+00N	201	229	< 5	0.6	2.52	2	290	< 0.5	< 2	0.25	< 0.5	7	14	92	2.46	10	< 1	0.06	30	0.25	430
L56+00E 51+25N	201	229	< 5	0.2	1.56	< 2	140	< 0.5	< 2	0.17	< 0.5	5	15	94	2.54	< 10	< 1	0.08	10	0.29	460
L56+00E 51+50N	201	229	< 5	0.2	2.23	< 2	140	< 0.5	< 2	0.17	< 0.5	6	14	28	2.12	10	< 1	0.04	10	0.22	550
L56+00E 51+75N	201	229	150	0.2	1.72	< 2	120	< 0.5	< 2	0.20	< 0.5	6	16	20	1.88	< 10	< 1	0.04	< 10	0.21	380
L56+00E 52+00N	201	229	< 5	< 0.2	1.36	4	110	< 0.5	< 2	0.32	< 0.5	6	17	25	2.05	< 10	< 1	0.06	< 10	0.29	185
L56+00E 52+25N	201	229	< 5	0.2	1.27	< 2	90	< 0.5	< 2	0.25	< 0.5	6	16	15	1.76	< 10	< 1	0.05	< 10	0.22	155
L56+00E 52+50N	201	229	< 5	0.2	1.63	< 2	100	< 0.5	< 2	0.24	< 0.5	6	15	15	1.89	< 10	< 1	0.06	< 10	0.24	205
L56+00E 52+75N	201	229	< 5	0.2	2.50	8	190	0.5	< 2	0.31	< 0.5	8	18	31	2.25	10	< 1	0.05	10	0.35	240
L56+00E 53+00N	201	229	< 5	0.8	1.85	< 2	140	< 0.5	< 2	0.25	< 0.5	6	15	36	2.27	10	< 1	0.06	< 10	0.23	185
L56+00E 53+25N	201	229	< 5	0.2	2.17	4	120	< 0.5	< 2	0.23	< 0.5	6	15	22	2.20	10	< 1	0.04	< 10	0.24	245
L56+00E 53+50N	201	229	< 5	0.2	2.02	< 2	100	< 0.5	< 2	0.20	< 0.5	7	17	17	2.56	10	< 1	0.04	< 10	0.27	295
L56+00E 53+75N	201	229	< 5	0.2	1.91	2	150	< 0.5	< 2	0.25	< 0.5	7	12	16	2.24	10	< 1	0.06	< 10	0.25	300
L56+00E 54+00N	201	229	< 5	0.2	2.29	< 2	150	< 0.5	< 2	0.25	< 0.5	7	16	18	2.40	10	< 1	0.08	< 10	0.27	330
L56+00E 54+25N	201	229	< 5	0.2	2.23	< 2	100	0.5	< 2	0.12	< 0.5	6	10	11	1.98	10	< 1	0.04	< 10	0.17	435
L56+00E 54+50N	201	229	< 5	0.2	2.43	2	240	< 0.5	< 2	0.29	< 0.5	7	16	17	2.30	< 10	< 1	0.09	10	0.27	280
L56+00E 54+75N	201	229	< 5	0.2	2.04	< 2	170	< 0.5	< 2	0.34	< 0.5	7	16	17	2.44	< 10	< 1	0.10	10	0.30	275
L56+00E 55+00N	201	229	< 5	< 0.2	2.02	2	150	< 0.5	< 2	0.33	< 0.5	7	16	16	2.25	< 10	< 1	0.06	< 10	0.29	160
L58+00E 35+00N	201	229	< 5	0.4	1.27	< 2	160	< 0.5	< 2	0.17	< 0.5	2	8	15	1.50	< 10	< 1	0.08	20	0.11	225
L58+00E 35+25N	201	229	< 5	0.4	0.88	2	110	< 0.5	< 2	0.16	< 0.5	2	7	23	1.62	10	< 1	0.12	60	0.06	325
L58+00E 35+50N	201	229	< 5	0.6	1.79	< 2	170	< 0.5	< 2	0.18	< 0.5	4	13	24	1.90	< 10	< 1	0.07	20	0.15	215
L58+00E 35+75N	201	229	< 5	1.8	2.15	< 2	100	< 0.5	< 2	0.14	0.5	4	13	32	1.93	10	< 1	0.04	10	0.13	225
L58+00E 36+00N	201	229	20	2.6	3.25	2	160	< 0.5	2	0.25	1.0	5	20	282	2.44	10	< 1	0.08	70	0.18	435
L58+00E 36+25N	201	229	< 5	1.6	2.70	< 2	180	< 0.5	8	0.35	3.0	6	22	547	2.62	10	< 1	0.09	100	0.24	1120
L58+00E 36+50N	201	229	< 5	1.6	2.23	8	110	< 0.5	2	0.23	0.5	4	17	89	2.15	10	< 1	0.06	20	0.19	205
L58+00E 36+75N	201	229	< 5	1.2	2.66	6	140	< 0.5	2	0.18	< 0.5	5	14	112	2.19	10	< 1	0.06	30	0.16	285
L58+00E 37+00N	201	229	< 5	1.2	1.84	< 2	130	< 0.5	2	0.18	0.5	4	14	66	2.23	10	< 1	0.06	20	0.18	225
L58+00E 37+25N	201	229	< 5	0.4	1.31	< 2	100	< 0.5	< 2	0.24	< 0.5	4	15	43	1.91	< 10	< 1	0.06	10	0.19	195
L58+00E 37+50N	201	229	< 5	0.6	1.70	< 2	120	< 0.5	2	0.17	< 0.5	4	14	48	1.99	< 10	< 1	0.05	10	0.14	195
L58+00E 37+75N	201	229	< 5	1.2	1.50	< 2	90	< 0.5	< 2	0.16	< 0.5	4	12	44	1.87	< 10	< 1	0.05	10	0.13	180
L58+00E 50+25N	201	229	< 5	0.2	1.52	< 2	100	< 0.5	< 2	0.23	< 0.5	6	19	16	1.94	< 10	< 1	0.03	< 10	0.20	180
L58+00E 50+50N	201	229	< 5	0.2	1.53	2	90	< 0.5	< 2	0.25	< 0.5	6	22	20	2.15	< 10	< 1	0.03	< 10	0.26	150
L58+00E 50+75N	201	229	< 5	0.2	1.73	2	120	< 0.5	< 2	0.37	< 0.5	8	28	25	2.52	< 10	< 1	0.07	< 10	0.40	160
L58+00E 51+00N	201	229	< 5	0.4	1.24	4	80	< 0.5	< 2	0.22	< 0.5	6	16	14	1.87	< 10	< 1	0.03	< 10	0.22	95
L58+00E 51+25N	201	229	< 5	0.2	1.14	2	100	< 0.5	< 2	0.51	< 0.5	6	26	22	2.00	< 10	< 1	0.04	< 10	0.37	155

CERTIFICATION: *Hart Buchler*



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CERTIFICATE OF ANALYSIS

A9323346

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
L54+00E 54+50N	201 229	1	0.02	6	280	16	< 2	3	34	0.07	< 10	< 10	41	< 10	82
L54+00E 54+75N	201 229	< 1	0.03	4	170	16	< 2	2	34	0.08	< 10	< 10	39	< 10	82
L54+00E 55+00N	201 229	< 1	0.02	5	430	12	< 2	4	32	0.10	< 10	< 10	72	< 10	164
L56+00E 50+25N	201 229	< 1	0.02	5	660	6	< 2	1	19	0.08	< 10	< 10	46	< 10	206
L56+00E 50+50N	201 229	< 1	0.03	6	680	18	< 2	2	33	0.07	< 10	< 10	39	< 10	264
L56+00E 50+75N	201 229	1	0.02	9	420	46	< 2	1	22	0.08	< 10	< 10	49	< 10	390
L56+00E 51+00N	201 229	1	0.02	8	580	20	< 2	3	33	0.08	< 10	< 10	47	< 10	564
L56+00E 51+25N	201 229	1	0.01	3	580	12	< 2	2	13	0.07	< 10	< 10	44	< 10	178
L56+00E 51+50N	201 229	1	0.02	6	860	18	< 2	3	14	0.09	< 10	< 10	44	< 10	188
L56+00E 51+75N	201 229	< 1	0.02	8	830	8	< 2	2	17	0.09	< 10	< 10	48	< 10	138
L56+00E 52+00N	201 229	1	0.01	9	810	8	2	2	22	0.09	< 10	< 10	61	< 10	48
L56+00E 52+25N	201 229	< 1	0.01	7	820	6	< 2	1	17	0.08	< 10	< 10	50	< 10	92
L56+00E 52+50N	201 229	1	0.02	8	850	6	< 2	2	15	0.08	< 10	< 10	49	< 10	186
L56+00E 52+75N	201 229	1	0.03	13	830	12	2	3	18	0.12	< 10	< 10	56	< 10	142
L56+00E 53+00N	201 229	< 1	0.02	7	650	20	< 2	2	19	0.08	< 10	< 10	53	< 10	206
L56+00E 53+25N	201 229	1	0.02	8	920	20	< 2	2	16	0.10	< 10	< 10	57	< 10	212
L56+00E 53+50N	201 229	1	0.02	8	780	16	< 2	2	15	0.12	< 10	< 10	69	< 10	170
L56+00E 53+75N	201 229	1	0.02	8	590	14	< 2	2	19	0.09	< 10	< 10	60	< 10	214
L56+00E 54+00N	201 229	1	0.03	9	820	6	< 2	3	20	0.11	< 10	< 10	63	< 10	124
L56+00E 54+25N	201 229	2	0.03	5	1460	14	< 2	2	10	0.10	< 10	< 10	44	< 10	136
L56+00E 54+50N	201 229	1	0.03	7	490	14	< 2	3	27	0.10	< 10	< 10	50	< 10	150
L56+00E 54+75N	201 229	1	0.02	7	270	10	< 2	3	26	0.11	< 10	< 10	60	< 10	90
L56+00E 55+00N	201 229	1	0.02	8	560	8	< 2	2	25	0.09	< 10	< 10	53	< 10	92
L58+00E 35+00N	201 229	< 1	0.02	3	510	32	< 2	1	19	0.03	< 10	< 10	28	< 10	492
L58+00E 35+25N	201 229	2	0.01	1	470	50	< 2	< 1	19	0.01	< 10	< 10	17	< 10	692
L58+00E 35+50N	201 229	1	0.02	4	450	48	< 2	1	21	0.06	< 10	< 10	39	< 10	896
L58+00E 35+75N	201 229	< 1	0.03	3	660	28	< 2	1	15	0.09	< 10	< 10	44	< 10	978
L58+00E 36+00N	201 229	< 1	0.03	7	730	54	< 2	3	27	0.08	< 10	< 10	48	< 10	3160
L58+00E 36+25N	201 229	1	0.01	8	810	116	< 2	3	29	0.07	< 10	< 10	48	< 10	4790
L58+00E 36+50N	201 229	< 1	0.02	6	620	50	< 2	2	19	0.09	< 10	< 10	51	< 10	1610
L58+00E 36+75N	201 229	< 1	0.02	6	580	54	< 2	2	17	0.07	< 10	< 10	49	< 10	1660
L58+00E 37+00N	201 229	< 1	0.02	5	530	54	< 2	2	19	0.08	< 10	< 10	52	< 10	974
L58+00E 37+25N	201 229	< 1	0.01	4	430	32	< 2	1	18	0.07	< 10	< 10	50	< 10	476
L58+00E 37+50N	201 229	< 1	0.02	4	540	42	< 2	1	16	0.06	< 10	< 10	44	< 10	700
L58+00E 37+75N	201 229	< 1	0.02	4	430	32	< 2	1	13	0.07	< 10	< 10	46	< 10	580
L58+00E 50+25N	201 229	< 1	0.02	8	600	12	< 2	2	18	0.09	< 10	< 10	55	< 10	100
L58+00E 50+50N	201 229	< 1	0.02	9	550	8	< 2	2	20	0.10	< 10	< 10	63	< 10	110
L58+00E 50+75N	201 229	< 1	0.02	13	450	8	< 2	2	33	0.12	< 10	< 10	75	< 10	92
L58+00E 51+00N	201 229	< 1	0.02	8	210	12	< 2	1	20	0.09	< 10	< 10	54	< 10	154
L58+00E 51+25N	201 229	< 1	0.03	10	70	18	< 2	3	37	0.11	< 10	< 10	57	< 10	98

CERTIFICATION:

Hart Bichler



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CERTIFICATE OF ANALYSIS A9323346

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
L58+00E 51+50N	201 229	< 5	0.2	1.38	< 2	130	< 0.5	2	0.25	< 0.5	5	22	16	1.79	< 10	< 1	0.04	< 10	0.23	100
L58+00E 51+75N	201 229	< 5	0.2	1.36	< 2	60	< 0.5	< 2	0.25	< 0.5	6	24	17	2.10	< 10	< 1	0.04	< 10	0.29	205
L58+00E 52+00N	201 229	< 5	0.2	1.18	< 2	80	< 0.5	2	0.29	< 0.5	4	22	21	2.03	< 10	< 1	0.04	< 10	0.28	140
L58+00E 52+25N	201 229	< 5	0.2	1.68	2	80	< 0.5	< 2	0.26	< 0.5	7	20	22	2.08	< 10	< 1	0.04	< 10	0.26	175
L58+00E 52+50N	201 229	< 5	0.2	2.30	4	130	< 0.5	2	0.26	< 0.5	7	20	27	2.21	10	< 1	0.03	< 10	0.21	110
L58+00E 52+75N	201 229	< 5	0.2	1.82	6	100	< 0.5	< 2	0.21	< 0.5	6	22	39	2.02	< 10	< 1	0.04	< 10	0.26	175
L58+00E 53+00N	201 229	< 5	0.2	1.49	< 2	100	< 0.5	2	0.24	< 0.5	6	20	21	2.26	< 10	< 1	0.04	< 10	0.28	220
L58+00E 53+25N	201 229	< 5	0.2	2.00	< 2	100	0.5	2	0.17	< 0.5	5	16	13	2.01	< 10	< 1	0.04	< 10	0.19	345
L58+00E 53+50N	201 229	< 5	0.2	1.98	< 2	110	0.5	< 2	0.24	< 0.5	7	18	18	2.20	< 10	< 1	0.06	< 10	0.25	665
L58+00E 53+75N	201 229	< 5	0.2	2.09	2	50	< 0.5	2	0.11	< 0.5	3	12	14	2.32	< 10	< 1	0.02	< 10	0.15	230
L58+00E 54+00N	201 229	< 5	0.2	2.38	< 2	100	0.5	4	0.20	< 0.5	6	18	14	2.30	10	< 1	0.04	< 10	0.24	405
L58+00E 54+25N	201 229	< 5	0.4	2.28	< 2	200	< 0.5	< 2	0.35	< 0.5	7	24	22	2.23	10	< 1	0.07	< 10	0.33	270
L58+00E 54+50N	201 229	< 5	0.4	2.14	2	200	0.5	< 2	0.47	< 0.5	8	27	24	2.24	< 10	< 1	0.07	< 10	0.48	315
L58+00E 54+75N	201 229	< 5	< 0.2	1.58	6	120	< 0.5	< 2	0.49	< 0.5	7	25	22	1.99	< 10	< 1	0.07	10	0.39	275
L58+00E 55+00N	201 229	< 5	0.2	1.50	6	120	0.5	< 2	0.48	< 0.5	5	25	19	1.99	< 10	< 1	0.07	< 10	0.41	260
L62+00E 35+00N	201 229	< 5	0.4	1.41	< 2	130	< 0.5	2	0.29	< 0.5	6	18	30	1.93	< 10	< 1	0.06	10	0.22	210
L62+00E 35+25N	201 229	< 5	0.2	1.27	4	90	0.5	2	0.27	< 0.5	5	19	25	2.11	< 10	< 1	0.04	< 10	0.20	230
L62+00E 35+50N	201 229	< 5	0.2	1.12	< 2	70	< 0.5	< 2	0.27	< 0.5	4	18	30	1.96	< 10	< 1	0.04	< 10	0.20	180
L62+00E 35+75N	201 229	< 5	0.2	1.13	< 2	90	< 0.5	< 2	0.28	< 0.5	5	18	24	2.00	< 10	< 1	0.04	< 10	0.18	275
L62+00E 36+00N	201 229	< 5	0.4	1.57	< 2	120	< 0.5	< 2	0.24	< 0.5	4	17	20	1.98	< 10	< 1	0.06	< 10	0.18	330
L62+00E 36+25N	201 229	< 5	0.2	0.99	< 2	80	< 0.5	< 2	0.18	< 0.5	4	14	17	1.86	< 10	< 1	0.04	< 10	0.19	210
L62+00E 36+50N	201 229	< 5	0.2	1.10	< 2	110	< 0.5	< 2	0.15	< 0.5	4	12	12	1.66	< 10	< 1	0.04	< 10	0.16	185
L62+00E 36+75N	201 229	< 5	0.2	1.18	< 2	100	< 0.5	2	0.13	< 0.5	4	15	13	1.60	< 10	< 1	0.03	< 10	0.14	410
L62+00E 37+00N	201 229	< 5	0.2	1.01	4	80	< 0.5	< 2	0.16	< 0.5	4	14	13	1.62	< 10	< 1	0.03	< 10	0.16	230
L62+00E 37+25N	201 229	< 5	0.4	1.37	< 2	150	< 0.5	< 2	0.29	< 0.5	4	20	19	2.01	< 10	< 1	0.06	< 10	0.23	295
L62+00E 37+50N	201 229	< 5	0.4	1.54	< 2	130	< 0.5	< 2	0.23	< 0.5	5	18	20	2.05	< 10	< 1	0.05	< 10	0.21	275
L62+00E 37+75N	201 229	< 5	0.4	1.79	< 2	140	< 0.5	< 2	0.28	< 0.5	6	17	21	2.08	< 10	< 1	0.07	10	0.23	450
L62+00E 38+00N	201 229	< 5	0.2	1.97	10	190	0.5	< 2	0.25	< 0.5	6	20	22	2.21	< 10	< 1	0.06	10	0.25	635
L62+00E 38+25N	201 229	< 5	0.4	1.94	< 2	190	0.5	< 2	0.35	< 0.5	6	21	20	2.19	< 10	< 1	0.06	10	0.26	440
L62+00E 38+50N	201 229	< 5	0.4	2.09	4	140	< 0.5	2	0.27	< 0.5	5	23	21	2.29	< 10	< 1	0.06	< 10	0.31	415
L62+00E 38+75N	201 229	< 5	0.2	2.04	6	120	0.5	< 2	0.23	< 0.5	6	21	20	2.19	< 10	< 1	0.05	< 10	0.26	505
L62+00E 39+00N	201 229	< 5	0.4	1.79	10	130	< 0.5	< 2	0.24	< 0.5	4	20	16	2.11	< 10	< 1	0.04	< 10	0.25	500
L62+00E 39+25N	201 229	< 5	0.6	2.01	< 2	110	< 0.5	4	0.23	< 0.5	6	20	17	2.18	< 10	< 1	0.06	< 10	0.23	520
L62+00E 39+50N	201 229	< 5	0.4	1.72	2	230	0.5	2	0.35	< 0.5	6	21	19	2.00	< 10	< 1	0.06	< 10	0.30	385
L62+00E 39+75N	201 229	< 5	0.4	1.68	< 2	100	< 0.5	< 2	0.20	< 0.5	4	16	17	1.90	< 10	< 1	0.04	< 10	0.19	395
L62+00E 40+00N	201 229	< 5	0.6	1.58	2	90	< 0.5	< 2	0.15	< 0.5	4	16	18	1.84	< 10	< 1	0.03	< 10	0.16	325
L62+00E 40+25N	201 229	< 5	0.4	1.37	4	100	< 0.5	4	0.15	< 0.5	4	17	24	1.86	< 10	< 1	0.04	< 10	0.17	135
L62+00E 40+50N	201 229	< 5	0.2	1.14	< 2	130	< 0.5	< 2	0.14	< 0.5	4	17	15	1.72	< 10	< 1	0.03	< 10	0.16	130
L62+00E 40+75N	201 229	< 5	0.4	1.49	2	80	< 0.5	< 2	0.14	< 0.5	4	15	35	1.91	< 10	< 1	0.03	< 10	0.17	150
L62+00E 41+00N	201 229	< 5	0.2	1.58	6	100	< 0.5	2	0.19	< 0.5	7	19	31	2.06	< 10	< 1	0.04	< 10	0.25	275

CERTIFICATION:

Handwritten signature: Tony Drescher



Chemex Labs Ltd.

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To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
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Page Number :3-B
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Invoice No. : I9323346
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Account : KAR

Project : SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS

A9323346

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
L58+00E 51+50N	201 229	< 1	0.02	9	200	18	< 2	1	25	0.11	< 10	< 10	52	< 10	194
L58+00E 51+75N	201 229	< 1	0.02	9	790	16	< 2	2	17	0.10	< 10	< 10	60	< 10	208
L58+00E 52+00N	201 229	< 1	0.02	8	420	12	< 2	2	21	0.10	< 10	< 10	60	< 10	86
L58+00E 52+25N	201 229	< 1	0.03	10	820	6	< 2	2	21	0.11	< 10	< 10	60	< 10	94
L58+00E 52+50N	201 229	< 1	0.03	13	850	14	< 2	2	22	0.12	< 10	< 10	56	< 10	116
L58+00E 52+75N	201 229	< 1	0.02	12	900	24	< 2	2	16	0.10	< 10	< 10	54	< 10	244
L58+00E 53+00N	201 229	< 1	0.02	10	730	22	< 2	2	17	0.08	< 10	< 10	58	< 10	320
L58+00E 53+25N	201 229	< 1	0.02	7	880	12	< 2	2	12	0.09	< 10	< 10	48	< 10	216
L58+00E 53+50N	201 229	< 1	0.01	7	1270	2	< 2	2	15	0.10	< 10	< 10	53	< 10	106
L58+00E 53+75N	201 229	< 1	0.02	4	1280	12	< 2	1	9	0.10	< 10	< 10	52	< 10	114
L58+00E 54+00N	201 229	< 1	0.02	9	970	22	< 2	2	16	0.10	< 10	< 10	56	< 10	160
L58+00E 54+25N	201 229	< 1	0.02	13	900	12	< 2	2	25	0.11	< 10	< 10	58	< 10	102
L58+00E 54+50N	201 229	< 1	0.03	15	490	8	< 2	3	36	0.14	< 10	< 10	61	< 10	52
L58+00E 54+75N	201 229	< 1	0.03	9	320	8	< 2	3	37	0.13	< 10	< 10	58	< 10	34
L58+00E 55+00N	201 229	< 1	0.03	10	270	2	< 2	3	45	0.13	< 10	< 10	60	< 10	40
L62+00E 35+00N	201 229	< 1	0.02	9	870	26	< 2	2	21	0.07	< 10	< 10	45	< 10	180
L62+00E 35+25N	201 229	< 1	0.02	7	790	16	< 2	2	17	0.08	< 10	< 10	55	< 10	158
L62+00E 35+50N	201 229	< 1	0.01	8	610	18	< 2	1	19	0.08	< 10	< 10	52	< 10	144
L62+00E 35+75N	201 229	< 1	0.02	8	570	16	< 2	1	21	0.08	< 10	< 10	53	< 10	182
L62+00E 36+00N	201 229	< 1	0.02	8	1000	28	< 2	2	19	0.08	< 10	< 10	49	< 10	278
L62+00E 36+25N	201 229	< 1	0.01	5	490	28	< 2	1	13	0.06	< 10	< 10	47	< 10	210
L62+00E 36+50N	201 229	< 1	0.01	7	540	14	< 2	1	11	0.06	< 10	< 10	41	< 10	174
L62+00E 36+75N	201 229	< 1	0.01	7	760	18	< 2	1	10	0.05	< 10	< 10	38	< 10	210
L62+00E 37+00N	201 229	< 1	0.01	6	790	14	< 2	1	12	0.05	< 10	< 10	41	< 10	138
L62+00E 37+25N	201 229	< 1	0.02	8	250	24	< 2	2	24	0.09	< 10	< 10	53	< 10	188
L62+00E 37+50N	201 229	< 1	0.02	9	720	22	< 2	2	17	0.09	< 10	< 10	54	< 10	208
L62+00E 37+75N	201 229	< 1	0.02	9	800	28	< 2	2	21	0.09	< 10	< 10	52	< 10	280
L62+00E 38+00N	201 229	< 1	0.02	8	890	34	< 2	2	19	0.08	< 10	< 10	53	< 10	232
L62+00E 38+25N	201 229	< 1	0.02	10	520	28	< 2	2	28	0.10	< 10	< 10	55	< 10	278
L62+00E 38+50N	201 229	1	0.02	11	780	22	< 2	2	23	0.11	< 10	< 10	61	< 10	214
L62+00E 38+75N	201 229	< 1	0.02	9	960	40	< 2	2	18	0.09	< 10	< 10	54	< 10	212
L62+00E 39+00N	201 229	< 1	0.02	10	800	26	< 2	2	19	0.10	< 10	< 10	55	< 10	268
L62+00E 39+25N	201 229	1	0.02	9	1420	22	< 2	2	19	0.10	< 10	< 10	54	< 10	266
L62+00E 39+50N	201 229	1	0.03	8	200	14	< 2	3	31	0.10	< 10	< 10	52	< 10	174
L62+00E 39+75N	201 229	< 1	0.02	8	910	8	< 2	2	17	0.09	< 10	< 10	48	< 10	158
L62+00E 40+00N	201 229	< 1	0.02	8	880	18	< 2	1	13	0.08	< 10	< 10	46	< 10	198
L62+00E 40+25N	201 229	< 1	0.01	8	780	12	< 2	1	12	0.06	< 10	< 10	45	< 10	132
L62+00E 40+50N	201 229	< 1	0.01	7	450	16	< 2	1	12	0.04	< 10	< 10	43	< 10	166
L62+00E 40+75N	201 229	1	0.01	6	870	16	< 2	1	13	0.08	< 10	< 10	48	< 10	140
L62+00E 41+00N	201 229	1	0.02	7	710	16	< 2	2	19	0.09	< 10	< 10	52	< 10	136

CERTIFICATION:

Hart Bichler



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To: INTERNATIONAL TOWER HILL MINES
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Account :KAR

Project : SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323346

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
L62+00E 41+25N	201 229	< 5	0.2	1.80	14	120	< 0.5	< 2	0.18	< 0.5	6	17	33	2.20	< 10	< 1	0.04	< 10	0.23	275
L62+00E 41+50N	201 229	< 5	0.4	1.98	< 2	130	0.5	< 2	0.20	< 0.5	4	17	38	2.17	< 10	< 1	0.04	< 10	0.22	405
L62+00E 41+75N	201 229	< 5	0.4	2.13	< 2	130	0.5	< 2	0.22	< 0.5	6	19	39	2.23	< 10	< 1	0.06	10	0.26	465
L62+00E 42+00N	201 229	< 5	0.2	2.04	< 2	90	< 0.5	2	0.18	< 0.5	7	17	26	2.08	< 10	< 1	0.03	< 10	0.21	740
L62+00E 42+25N	201 229	< 5	0.6	1.70	2	130	0.5	< 2	0.58	< 0.5	6	17	39	1.64	10	< 1	0.03	10	0.26	275
L62+00E 42+50N	201 229	< 5	0.4	2.01	10	120	0.5	< 2	0.22	< 0.5	6	18	33	2.06	< 10	< 1	0.04	< 10	0.21	275
L62+00E 42+75N	201 229	< 5	0.2	1.93	< 2	160	< 0.5	< 2	0.24	< 0.5	6	18	41	1.91	< 10	< 1	0.06	< 10	0.24	295
L62+00E 43+00N	201 229	< 5	0.4	1.32	< 2	140	< 0.5	< 2	0.29	< 0.5	4	18	31	1.74	< 10	< 1	0.04	10	0.26	145
L62+00E 43+25N	201 229	< 5	0.2	1.21	< 2	80	< 0.5	< 2	0.28	< 0.5	3	18	17	1.54	< 10	< 1	0.03	< 10	0.26	170
L62+00E 43+50N	201 229	< 5	0.2	2.01	< 2	110	< 0.5	4	0.28	< 0.5	3	21	19	1.97	< 10	< 1	0.05	< 10	0.30	175
L62+00E 43+75N	201 229	< 5	0.4	2.09	8	120	< 0.5	< 2	0.35	< 0.5	5	22	21	2.03	< 10	< 1	0.07	< 10	0.30	160
L62+00E 44+00N	201 229	< 5	0.4	1.44	2	80	< 0.5	2	0.33	< 0.5	4	18	18	1.79	< 10	< 1	0.05	< 10	0.26	115
L62+00E 44+25N	201 229	< 5	0.2	1.17	< 2	60	< 0.5	< 2	0.30	< 0.5	3	18	16	1.58	< 10	< 1	0.04	< 10	0.24	120
L62+00E 44+50N	201 229	< 5	0.2	2.28	12	90	0.5	< 2	0.24	< 0.5	8	25	29	2.21	10	< 1	0.05	< 10	0.28	145
L62+00E 44+75N	201 229	< 5	0.2	2.09	4	120	0.5	< 2	0.22	< 0.5	6	18	27	2.03	< 10	< 1	0.04	< 10	0.21	110
L62+00E 45+00N	201 229	< 5	0.2	1.29	4	70	< 0.5	2	0.25	< 0.5	4	15	18	1.38	< 10	< 1	0.04	< 10	0.27	95
L62+00E 45+25N	201 229	55	< 0.2	1.22	4	80	< 0.5	2	0.28	< 0.5	4	15	17	1.46	< 10	< 1	0.04	< 10	0.26	95
L62+00E 45+50N	201 229	< 5	< 0.2	1.35	2	70	< 0.5	2	0.20	< 0.5	3	10	11	1.06	< 10	< 1	0.03	< 10	0.18	70
L62+00E 45+75N	201 229	< 5	0.2	1.63	< 2	70	< 0.5	< 2	0.25	< 0.5	6	17	18	1.82	< 10	< 1	0.04	< 10	0.20	100
L62+00E 46+00N	201 229	15	0.2	1.36	< 2	90	< 0.5	< 2	0.29	< 0.5	5	19	23	2.01	< 10	< 1	0.05	< 10	0.24	155
L62+00E 46+25N	201 229	15	0.2	1.90	6	100	< 0.5	< 2	0.25	< 0.5	8	20	23	2.10	< 10	< 1	0.06	< 10	0.31	135
L62+00E 46+50N	201 229	< 5	< 0.2	1.37	< 2	80	< 0.5	< 2	0.24	< 0.5	4	17	15	1.47	< 10	< 1	0.03	< 10	0.29	105
L62+00E 46+75N	201 229	< 5	< 0.2	2.61	20	190	< 0.5	6	0.63	< 0.5	10	51	49	3.29	< 10	< 1	0.10	10	0.79	285
L62+00E 47+00N	201 229	< 5	< 0.2	2.17	2	90	< 0.5	< 2	0.22	< 0.5	9	26	23	2.21	< 10	< 1	0.05	< 10	0.37	180
L62+00E 47+25N	201 229	< 5	0.4	3.16	2	430	0.5	< 2	0.83	< 0.5	5	26	86	2.33	10	< 1	0.03	30	0.46	110
L62+00E 47+50N	201 229	< 5	0.2	3.24	14	390	0.5	< 2	0.82	< 0.5	8	32	117	2.86	10	< 1	0.07	20	0.45	255
L62+00E 47+75N	201 229	< 5	< 0.2	1.67	8	100	< 0.5	6	0.52	< 0.5	7	24	20	2.16	< 10	< 1	0.07	< 10	0.41	180
L62+00E 48+00N	201 229	5	< 0.2	1.08	8	90	< 0.5	< 2	0.36	< 0.5	6	19	13	1.48	< 10	< 1	0.07	< 10	0.35	145
L62+00E 48+25N	201 229	< 5	< 0.2	1.15	< 2	90	< 0.5	4	0.32	< 0.5	8	23	16	1.93	< 10	< 1	0.03	< 10	0.35	105
L62+00E 48+50N	201 229	< 5	< 0.2	1.42	< 2	80	< 0.5	< 2	0.28	< 0.5	7	20	20	2.03	< 10	< 1	0.05	< 10	0.25	115
L62+00E 48+75N	201 229	< 5	0.2	1.92	< 2	160	< 0.5	< 2	0.40	< 0.5	8	27	28	2.23	< 10	< 1	0.06	< 10	0.38	340
L62+00E 49+00N	201 229	< 5	0.2	2.46	< 2	190	< 0.5	< 2	0.85	< 0.5	11	58	40	3.20	10	< 1	0.20	10	0.94	530
L62+00E 49+25N	201 229	< 5	< 0.2	1.80	8	120	< 0.5	6	0.45	< 0.5	9	32	28	2.53	< 10	< 1	0.11	< 10	0.49	300
L62+00E 49+50N	201 229	< 5	< 0.2	2.24	10	180	< 0.5	2	0.89	< 0.5	10	43	43	3.23	10	< 1	0.18	20	0.84	400
L62+00E 49+75N	201 229	< 5	0.2	2.67	2	200	0.5	< 2	0.66	< 0.5	9	42	60	2.76	10	< 1	0.15	10	0.67	390
L62+00E 50+00N	201 229	< 5	0.6	3.25	4	210	0.5	2	0.73	< 0.5	9	37	85	2.85	10	< 1	0.15	30	0.58	410

CERTIFICATION:

Hart Bichler



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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L62+00E 41+25N	201 229	< 1	0.02	10	860	28	< 2	2	19	0.10	< 10	< 10	54	< 10	186
L62+00E 41+50N	201 229	< 1	0.03	6	820	18	< 2	2	18	0.11	< 10	< 10	54	< 10	164
L62+00E 41+75N	201 229	1	0.03	9	950	20	< 2	3	19	0.11	< 10	< 10	55	< 10	224
L62+00E 42+00N	201 229	< 1	0.02	8	1180	12	< 2	2	14	0.10	< 10	< 10	51	10	248
L62+00E 42+25N	201 229	3	0.02	6	280	30	< 2	2	65	0.08	< 10	10	41	< 10	366
L62+00E 42+50N	201 229	< 1	0.03	9	820	18	< 2	2	18	0.10	< 10	< 10	51	< 10	584
L62+00E 42+75N	201 229	< 1	0.02	10	610	16	< 2	2	23	0.09	< 10	< 10	46	< 10	362
L62+00E 43+00N	201 229	< 1	0.03	8	250	12	< 2	1	27	0.09	< 10	< 10	47	< 10	440
L62+00E 43+25N	201 229	< 1	0.02	6	230	14	< 2	1	23	0.10	< 10	< 10	44	< 10	300
L62+00E 43+50N	201 229	< 1	0.03	9	230	8	< 2	2	25	0.12	< 10	< 10	49	< 10	408
L62+00E 43+75N	201 229	< 1	0.03	10	230	12	< 2	2	31	0.12	< 10	< 10	48	< 10	102
L62+00E 44+00N	201 229	< 1	0.04	9	210	10	< 2	2	28	0.12	< 10	< 10	49	< 10	54
L62+00E 44+25N	201 229	< 1	0.03	7	270	8	< 2	2	24	0.12	< 10	< 10	47	< 10	56
L62+00E 44+50N	201 229	< 1	0.02	11	1110	10	< 2	3	24	0.11	< 10	< 10	56	< 10	88
L62+00E 44+75N	201 229	< 1	0.02	10	810	6	< 2	2	21	0.10	< 10	< 10	51	< 10	70
L62+00E 45+00N	201 229	< 1	0.02	8	370	6	< 2	1	19	0.10	< 10	< 10	37	< 10	50
L62+00E 45+25N	201 229	< 1	0.02	7	460	6	< 2	1	22	0.09	< 10	< 10	42	< 10	46
L62+00E 45+50N	201 229	< 1	0.03	4	160	< 2	< 2	1	18	0.11	< 10	< 10	25	< 10	36
L62+00E 45+75N	201 229	< 1	0.02	7	610	6	< 2	2	22	0.11	< 10	< 10	50	< 10	42
L62+00E 46+00N	201 229	< 1	0.02	7	700	4	< 2	2	22	0.10	< 10	< 10	60	< 10	50
L62+00E 46+25N	201 229	< 1	0.02	12	970	< 2	< 2	2	23	0.11	< 10	< 10	55	< 10	48
L62+00E 46+50N	201 229	< 1	0.03	8	330	< 2	< 2	1	24	0.11	< 10	< 10	39	< 10	44
L62+00E 46+75N	201 229	< 1	0.03	21	680	< 2	< 2	7	61	0.16	< 10	< 10	77	10	46
L62+00E 47+00N	201 229	< 1	0.02	15	1290	< 2	< 2	3	20	0.12	< 10	< 10	57	< 10	66
L62+00E 47+25N	201 229	1	0.04	17	750	< 2	< 2	9	61	0.10	< 10	< 10	51	< 10	48
L62+00E 47+50N	201 229	1	0.04	23	500	6	< 2	8	55	0.13	< 10	< 10	54	10	56
L62+00E 47+75N	201 229	< 1	0.03	8	550	2	< 2	3	42	0.12	< 10	< 10	53	< 10	76
L62+00E 48+00N	201 229	< 1	0.01	8	620	2	< 2	2	28	0.10	< 10	< 10	47	< 10	38
L62+00E 48+25N	201 229	< 1	0.02	15	140	2	< 2	1	26	0.12	< 10	< 10	59	< 10	26
L62+00E 48+50N	201 229	< 1	0.02	9	740	8	< 2	2	22	0.10	< 10	< 10	59	< 10	38
L62+00E 48+75N	201 229	1	0.03	14	360	2	< 2	3	37	0.13	< 10	< 10	63	< 10	88
L62+00E 49+00N	201 229	< 1	0.02	24	880	< 2	< 2	8	76	0.17	< 10	< 10	80	10	142
L62+00E 49+25N	201 229	< 1	0.02	15	950	2	< 2	3	39	0.14	< 10	< 10	76	< 10	126
L62+00E 49+50N	201 229	< 1	0.02	18	1560	4	< 2	7	72	0.15	< 10	< 10	75	10	142
L62+00E 49+75N	201 229	1	0.02	20	750	2	< 2	7	62	0.15	< 10	< 10	67	10	222
L62+00E 50+00N	201 229	3	0.02	20	420	12	< 2	9	61	0.11	< 10	20	59	10	472

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

A9323343

Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE

A9323343

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
 P.O.#:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 26-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
241	59	RUSH: Dry, sieve to -80 mesh ICP - AQ Digestion charge
229	59	
* 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
990	59	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	59	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	59	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	59	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	59	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	59	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	59	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	59	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	59	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	59	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	59	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	59	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	59	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	59	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	59	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	59	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	59	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	59	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	59	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	59	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	59	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	59	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	59	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	59	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	59	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	59	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	59	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	59	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	59	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	59	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	59	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	59	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	59	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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Project : SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323343

SAMPLE	PREP CODE	Au ppb RUSH	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
4800E 3237N	241 229	< 5	0.2	1.77	< 2	180	< 0.5	< 2	0.23	< 0.5	6	13	20	1.77	< 10	< 1	0.06	< 10	0.20	330
4800E 3262N	241 229	< 5	0.2	1.89	16	100	< 0.5	< 2	0.25	< 0.5	7	16	20	2.09	< 10	< 1	0.08	< 10	0.28	225
4825E 3237N	241 229	15	3.4	3.00	24	440	1.0	< 2	0.88	1.0	6	25	246	2.59	10	< 1	0.13	70	0.28	480
4825E 3262N	241 229	< 5	0.2	2.01	10	290	< 0.5	< 2	0.39	< 0.5	4	14	24	1.93	< 10	< 1	0.08	10	0.20	395
4850E 3237N	241 229	< 5	0.4	2.27	16	160	< 0.5	< 2	0.17	< 0.5	4	8	11	1.69	< 10	< 1	0.02	< 10	0.08	345
4850E 3262N	241 229	< 5	< 0.2	1.37	6	200	< 0.5	< 2	0.17	< 0.5	4	10	8	2.13	< 10	< 1	0.06	< 10	0.14	225
4875E 3062N	241 229	< 5	0.2	1.35	< 2	150	< 0.5	< 2	0.40	< 0.5	6	18	23	1.86	< 10	< 1	0.09	10	0.26	425
4875E 3075N	241 229	35	1.6	3.20	20	360	0.5	< 2	0.61	< 0.5	6	19	67	2.52	10	< 1	0.12	10	0.29	815
4875E 3087N	241 229	< 5	0.4	2.20	4	210	< 0.5	< 2	0.40	< 0.5	6	16	53	2.15	< 10	< 1	0.08	10	0.23	285
4900E 3062N	241 229	< 5	0.4	2.38	12	160	< 0.5	< 2	0.31	< 0.5	9	22	22	2.53	< 10	< 1	0.10	< 10	0.38	595
4900E 3087N	241 229	< 5	0.2	2.22	< 2	190	< 0.5	< 2	0.25	< 0.5	6	12	16	1.83	< 10	< 1	0.08	10	0.19	630
4900E 3162N	241 229	< 5	< 0.2	1.62	6	120	< 0.5	< 2	0.21	< 0.5	5	14	11	1.84	< 10	< 1	0.06	< 10	0.16	355
4900E 3187N	241 229	< 5	< 0.2	1.57	20	200	< 0.5	< 2	0.46	< 0.5	7	21	21	2.15	< 10	< 1	0.09	10	0.29	850
4925E 3062N	241 229	< 5	< 0.2	2.12	4	230	< 0.5	< 2	0.36	< 0.5	8	18	35	2.45	10	< 1	0.12	20	0.30	700
4925E 3087N	241 229	50	0.2	1.95	20	160	< 0.5	< 2	0.27	< 0.5	6	13	14	1.84	< 10	< 1	0.08	10	0.19	560
4925E 3150N	241 229	< 5	< 0.2	1.19	2	140	< 0.5	< 2	0.30	< 0.5	6	14	9	1.86	< 10	< 1	0.13	10	0.21	630
4925E 3162N	241 229	< 5	< 0.2	1.63	10	220	< 0.5	< 2	0.34	< 0.5	6	17	14	2.02	< 10	< 1	0.14	10	0.25	590
4925E 3175N	241 229	< 5	< 0.2	1.40	10	150	< 0.5	< 2	0.24	< 0.5	5	13	10	1.87	< 10	< 1	0.10	10	0.19	575
4925E 3187N	241 229	< 5	< 0.2	1.12	2	120	< 0.5	< 2	0.25	< 0.5	4	12	8	1.71	< 10	< 1	0.09	10	0.16	385
4925E 3462N	241 229	< 5	< 0.2	1.05	2	120	< 0.5	< 2	0.15	< 0.5	3	10	6	1.56	< 10	< 1	0.04	< 10	0.11	285
4925E 3487N	241 229	< 5	< 0.2	1.52	4	160	< 0.5	< 2	0.19	0.5	4	10	7	1.56	< 10	< 1	0.08	< 10	0.14	585
4950E 3112N	241 229	15	0.2	1.40	6	160	< 0.5	< 2	0.27	< 0.5	7	16	14	2.16	< 10	< 1	0.14	10	0.25	565
4950E 3462N	241 229	< 5	0.8	2.26	4	290	0.5	< 2	0.32	2.5	6	14	30	2.29	10	< 1	0.13	20	0.24	1545
4950E 3487N	241 229	< 5	< 0.2	2.21	6	280	0.5	< 2	0.29	1.0	4	11	17	2.47	10	< 1	0.14	20	0.25	1285
4950E 3512N	241 229	< 5	0.4	2.13	26	250	0.5	< 2	0.24	< 0.5	6	13	19	2.32	< 10	< 1	0.11	20	0.19	655
4950E 3637N	241 229	< 5	< 0.2	1.48	< 2	120	< 0.5	< 2	0.24	< 0.5	4	14	11	1.59	< 10	< 1	0.08	< 10	0.15	350
4950E 3662N	241 229	< 5	< 0.2	1.04	4	80	< 0.5	< 2	0.40	< 0.5	6	19	14	1.76	< 10	< 1	0.08	10	0.24	195
4950E 3687N	241 229	< 5	< 0.2	1.08	2	100	< 0.5	< 2	0.36	< 0.5	6	20	15	1.88	< 10	< 1	0.10	10	0.25	195
4975E 3087N	241 229	< 5	0.4	1.50	10	190	< 0.5	< 2	0.62	< 0.5	7	23	83	2.43	10	< 1	0.16	30	0.37	545
4975E 3112N	241 229	< 5	< 0.2	1.45	8	140	< 0.5	< 2	0.31	< 0.5	6	20	18	2.23	< 10	< 1	0.09	< 10	0.31	390
4975E 3462N	241 229	< 5	< 0.2	1.31	12	160	< 0.5	< 2	0.34	< 0.5	4	14	12	1.70	< 10	< 1	0.10	10	0.19	340
4975E 3287N	241 229	< 5	< 0.2	1.06	4	140	< 0.5	< 2	0.41	< 0.5	4	15	9	1.77	< 10	< 1	0.13	< 10	0.20	435
4975E 3512N	241 229	< 5	< 0.2	0.90	< 2	140	< 0.5	< 2	0.48	< 0.5	4	16	14	1.90	< 10	< 1	0.15	20	0.24	380
4975E 3537N	241 229	< 5	< 0.2	1.94	12	180	< 0.5	< 2	0.21	< 0.5	5	15	12	2.00	< 10	< 1	0.08	< 10	0.21	505
4975E 3612N	241 229	< 5	0.4	1.65	4	240	0.5	< 2	0.44	1.0	6	18	42	1.67	10	< 1	0.13	140	0.20	590
4975E 3637N	241 229	< 5	< 0.2	1.11	2	110	< 0.5	< 2	0.20	< 0.5	3	13	9	1.58	< 10	< 1	0.05	< 10	0.15	215
4975E 3662N	241 229	1530	< 0.2	1.07	8	130	< 0.5	< 2	0.22	< 0.5	4	14	7	1.52	< 10	< 1	0.07	< 10	0.15	340
4975E 3687N	241 229	< 5	< 0.2	1.09	6	410	0.5	< 2	0.39	0.5	3	9	14	1.41	10	< 1	0.16	40	0.09	1350
5000E 3012N	241 229	< 5	0.2	1.41	2	190	< 0.5	< 2	0.40	0.5	3	11	8	1.69	< 10	< 1	0.07	< 10	0.14	660
5000E 3037N	241 229	< 5	3.0	2.73	10	320	1.0	< 2	0.85	1.0	8	22	111	3.12	10	< 1	0.22	70	0.43	1115

CERTIFICATION: *John Bichler*



Chemex Labs Ltd.

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

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CERTIFICATE OF ANALYSIS A9323343

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
4800E 3237N	241 229	< 1	0.03	6	980	20	< 2	2	21	0.09	< 10	< 10	42	10	666
4800E 3262N	241 229	< 1	0.03	8	1510	24	< 2	2	20	0.09	< 10	< 10	55	10	326
4825E 3237N	241 229	< 1	0.04	12	470	84	< 2	7	76	0.08	< 10	< 10	46	20	1800
4825E 3262N	241 229	< 1	0.04	6	240	42	< 2	2	35	0.08	< 10	< 10	43	10	764
4850E 3237N	241 229	< 1	0.04	2	1930	24	< 2	1	17	0.09	< 10	< 10	39	10	254
4850E 3262N	241 229	< 1	0.02	2	680	16	< 2	1	16	0.05	< 10	< 10	42	< 10	200
4875E 3062N	241 229	< 1	0.03	6	270	28	< 2	2	30	0.10	< 10	< 10	49	< 10	176
4875E 3075N	241 229	1	0.04	8	790	42	< 2	4	47	0.09	< 10	< 10	47	10	472
4875E 3087N	241 229	< 1	0.03	8	380	44	< 2	2	31	0.10	< 10	< 10	49	10	452
4900E 3062N	241 229	1	0.03	10	1080	28	< 2	3	25	0.11	< 10	< 10	60	10	400
4900E 3087N	241 229	< 1	0.05	6	1830	34	< 2	2	20	0.09	< 10	< 10	40	10	450
4900E 3162N	241 229	< 1	0.04	5	1310	24	< 2	2	18	0.08	< 10	< 10	44	10	252
4900E 3187N	241 229	< 1	0.03	7	980	52	< 2	2	36	0.09	< 10	< 10	55	10	304
4925E 3062N	241 229	1	0.03	8	1030	42	< 2	3	35	0.09	< 10	< 10	55	10	716
4925E 3087N	241 229	< 1	0.04	6	1730	22	< 2	2	22	0.08	< 10	< 10	42	10	274
4925E 3150N	241 229	< 1	0.02	4	740	28	< 2	1	22	0.08	< 10	< 10	46	10	200
4925E 3162N	241 229	< 1	0.03	8	710	28	< 2	2	27	0.08	< 10	< 10	48	< 10	238
4925E 3175N	241 229	< 1	0.02	6	660	26	< 2	1	20	0.07	< 10	< 10	44	< 10	182
4925E 3187N	241 229	< 1	0.02	4	540	26	< 2	1	21	0.06	< 10	< 10	41	< 10	162
4925E 3462N	241 229	< 1	0.02	3	1080	30	< 2	1	12	0.06	< 10	< 10	37	< 10	286
4925E 3487N	241 229	< 1	0.03	4	1330	28	< 2	1	16	0.08	< 10	< 10	36	< 10	530
4950E 3112N	241 229	< 1	0.02	6	670	32	< 2	2	23	0.09	< 10	< 10	52	< 10	190
4950E 3462N	241 229	1	0.02	6	890	210	< 2	2	22	0.06	< 10	< 10	46	10	2570
4950E 3487N	241 229	< 1	0.02	5	600	152	< 2	2	23	0.06	< 10	< 10	46	10	1695
4950E 3512N	241 229	1	0.02	4	660	230	< 2	2	17	0.05	< 10	< 10	46	10	960
4950E 3637N	241 229	< 1	0.04	6	1120	26	< 2	2	20	0.08	< 10	< 10	41	< 10	226
4950E 3662N	241 229	< 1	0.02	7	450	36	< 2	2	32	0.11	< 10	< 10	54	< 10	64
4950E 3687N	241 229	< 1	0.03	7	580	20	< 2	2	28	0.09	< 10	< 10	54	< 10	192
4975E 3087N	241 229	< 1	0.01	9	480	36	< 2	5	50	0.08	< 10	< 10	55	10	604
4975E 3112N	241 229	< 1	0.02	8	670	24	< 2	2	22	0.09	< 10	< 10	62	< 10	198
4975E 3462N	241 229	< 1	0.02	3	660	38	< 2	1	26	0.07	< 10	< 10	40	< 10	434
4975E 3287N	241 229	< 1	0.02	4	560	30	< 2	1	27	0.08	< 10	< 10	45	< 10	390
4975E 3512N	241 229	< 1	0.01	4	430	36	< 2	2	31	0.06	< 10	< 10	46	< 10	292
4975E 3537N	241 229	< 1	0.02	8	950	48	< 2	2	17	0.09	< 10	< 10	48	< 10	258
4975E 3612N	241 229	< 1	0.01	6	490	174	< 2	2	46	0.04	< 10	< 10	32	< 10	1440
4975E 3637N	241 229	< 1	0.02	5	710	26	< 2	1	15	0.07	< 10	< 10	40	< 10	172
4975E 3662N	241 229	< 1	0.02	4	500	34	< 2	1	18	0.08	< 10	< 10	40	< 10	198
4975E 3687N	241 229	< 1	0.02	2	410	170	< 2	1	39	0.03	< 10	< 10	24	< 10	658
5000E 3012N	241 229	< 1	0.03	3	1820	40	< 2	1	31	0.07	< 10	< 10	38	< 10	470
5000E 3037N	241 229	1	0.02	9	600	108	< 2	7	76	0.07	< 10	10	46	10	1830

CERTIFICATION:

Haut Bichler



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CERTIFICATE OF ANALYSIS A9323343

SAMPLE	PREP CODE	Au ppb RUSH	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
5000E 3087N	241 229	< 5	0.2	1.50	10	130	< 0.5	< 2	0.20	< 0.5	4	12	11	1.65	< 10	< 1	0.07	< 10	0.13	490
5000E 3112N	241 229	< 5	< 0.2	1.53	< 2	160	< 0.5	< 2	0.22	< 0.5	4	13	10	2.06	< 10	< 1	0.08	< 10	0.16	505
5000E 3487N	241 229	< 5	< 0.2	1.85	8	170	< 0.5	< 2	0.24	< 0.5	2	8	9	1.61	< 10	< 1	0.04	10	0.12	230
5000E 3512N	241 229	< 5	< 0.2	1.29	14	170	< 0.5	< 2	0.16	< 0.5	4	8	8	1.67	< 10	< 1	0.04	< 10	0.15	350
5000E 3537N	241 229	< 5	< 0.2	1.06	4	80	< 0.5	< 2	0.28	< 0.5	4	18	10	1.80	< 10	< 1	0.06	< 10	0.21	115
5000E 3637N	241 229	< 5	< 0.2	1.69	8	180	< 0.5	< 2	0.26	< 0.5	4	14	13	1.96	< 10	< 1	0.13	10	0.18	245
5000E 3662N	241 229	< 5	< 0.2	1.01	6	130	< 0.5	< 2	0.22	< 0.5	6	12	7	1.56	< 10	< 1	0.11	10	0.16	420
5000E 3687N	241 229	< 5	< 0.2	1.30	14	250	0.5	< 2	0.26	< 0.5	4	14	34	1.97	< 10	< 1	0.14	30	0.20	1085
5025E 3012N	241 229	< 5	1.6	2.29	< 2	350	0.5	< 2	0.34	1.0	6	13	17	2.67	10	< 1	0.17	30	0.30	990
5025E 3087N	241 229	< 5	< 0.2	1.39	8	170	< 0.5	< 2	0.23	< 0.5	3	13	8	1.72	< 10	< 1	0.09	< 10	0.16	285
5025E 3512N	241 229	< 5	< 0.2	1.73	10	140	< 0.5	< 2	0.14	< 0.5	3	8	8	1.56	< 10	< 1	0.03	< 10	0.09	160
5025E 3537N	241 229	< 5	< 0.2	1.84	< 2	250	0.5	< 2	0.15	< 0.5	4	7	4	1.73	< 10	< 1	0.13	< 10	0.24	430
5050E 3512N	241 229	< 5	< 0.2	1.84	16	200	< 0.5	< 2	0.21	< 0.5	5	9	12	1.88	< 10	< 1	0.08	10	0.18	525
5050E 3537N	241 229	< 5	0.4	2.96	6	160	0.5	< 2	0.23	< 0.5	4	9	13	1.73	10	< 1	0.04	10	0.14	215
5050E 3562N	241 229	< 5	< 0.2	2.23	10	100	0.5	< 2	0.22	< 0.5	5	9	11	1.95	< 10	< 1	0.04	< 10	0.15	275
5075E 3537N	241 229	< 5	0.2	2.39	14	340	1.0	< 2	0.37	< 0.5	6	13	17	2.56	10	< 1	0.14	10	0.30	580
5075E 3562N	241 229	< 5	0.2	1.18	6	130	< 0.5	< 2	0.15	< 0.5	2	8	5	1.50	< 10	< 1	0.05	< 10	0.09	475
5100E 3537E	241 229	< 5	< 0.2	2.04	10	310	0.5	< 2	0.21	< 0.5	3	9	8	2.04	< 10	< 1	0.13	10	0.16	655
5100E 3562N	241 229	< 5	0.2	1.69	10	140	< 0.5	< 2	0.27	< 0.5	4	9	10	1.81	< 10	< 1	0.10	10	0.16	420

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
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**

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Total Pages :2
Certificate Date: 26-OCT-93
Invoice No. : I9323343
P.O. Number :
Account : KAR

Project : SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323343

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
5000E 3087N	241 229	< 1	0.04	5	1490	26	< 2	1	17	0.07	< 10	< 10	39	< 10	258
5000E 3112N	241 229	< 1	0.03	4	1400	18	< 2	1	19	0.08	< 10	< 10	50	< 10	308
5000E 3487N	241 229	< 1	0.04	1	2240	10	< 2	1	19	0.08	< 10	< 10	35	< 10	138
5000E 3512N	241 229	< 1	0.03	2	1480	16	< 2	1	15	0.05	< 10	< 10	35	< 10	220
5000E 3537N	241 229	< 1	0.03	4	650	26	< 2	1	22	0.08	< 10	< 10	50	< 10	94
5000E 3637N	241 229	< 1	0.03	5	380	30	< 2	2	23	0.08	< 10	< 10	48	< 10	394
5000E 3662N	241 229	< 1	0.03	5	440	38	< 2	1	19	0.07	< 10	< 10	40	< 10	128
5000E 3687N	241 229	< 1	0.02	4	340	130	< 2	2	29	0.07	< 10	< 10	47	< 10	500
5025E 3012N	241 229	< 1	0.04	4	1050	112	< 2	4	43	0.08	< 10	< 10	43	10	890
5025E 3087N	241 229	< 1	0.02	5	870	24	< 2	1	21	0.07	< 10	< 10	39	< 10	272
5025E 3512N	241 229	< 1	0.04	2	2550	8	< 2	1	14	0.08	< 10	< 10	32	< 10	100
5025E 3537N	241 229	< 1	0.03	3	580	14	< 2	1	17	0.03	< 10	< 10	30	< 10	302
5050E 3512N	241 229	< 1	0.04	4	1140	18	< 2	1	17	0.07	< 10	< 10	42	< 10	272
5050E 3537N	241 229	< 1	0.04	3	1880	16	< 2	2	18	0.10	< 10	< 10	33	< 10	188
5050E 3562N	241 229	< 1	0.04	3	1400	12	< 2	1	17	0.09	< 10	< 10	43	< 10	104
5075E 3537N	241 229	< 1	0.04	4	1250	50	< 2	3	27	0.07	< 10	< 10	47	< 10	430
5075E 3562N	241 229	< 1	0.05	2	1510	90	< 2	1	16	0.07	< 10	< 10	38	< 10	338
5100E 3537E	241 229	< 1	0.03	4	960	100	< 2	1	19	0.04	< 10	< 10	36	< 10	628
5100E 3562N	241 229	2	0.04	4	880	24	< 2	1	23	0.06	< 10	< 10	36	< 10	396

CERTIFICATION: *Hart Buchler*



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A9323338

Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE

A9323338

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 23-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
255	5	RUSH Geo ring to approx 150 mesh
292	5	RUSH Crush and split (0-15 lbs)
229	5	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
990	5	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	5	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	5	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	5	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	5	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	5	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	5	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	5	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	5	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	5	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	5	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	5	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	5	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	5	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	5	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	5	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	5	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	5	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	5	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	5	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	5	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	5	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	5	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	5	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	5	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	5	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	5	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	5	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	5	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	5	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	5	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	5	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	5	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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711 - 675 W. HASTINGS ST.
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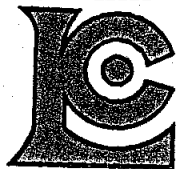
Page Number :1-A
Total Pages :1
Certificate Date: 23-OCT-93
Invoice No. : 19323338
P.O. Number :
Account :KAR

Project : SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323338

SAMPLE	PREP CODE	Au ppb RUSH	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
460605	255 292	860	1.2	1.05	828	880	< 0.5	< 2	2.81	3.0	6	89	12	2.50	10	< 1	0.27	10	0.53	1440
460606	255 292	100	0.2	1.31	84	1420	< 0.5	< 2	2.12	0.5	6	125	4	2.10	10	< 1	0.35	10	0.57	1420
460681	255 292	60	1.2	1.33	84	180	0.5	< 2	0.13	5.0	5	127	64	6.19	< 10	< 1	0.40	10	0.23	4630
460682	255 292	260	5.2	2.41	64	210	< 0.5	6	0.11	0.5	3	170	797	10.35	10	< 1	0.47	10	0.34	1405
460683	255 292	285	9.8	1.59	26	310	0.5	8	0.01	0.5	< 1	226	14	1.08	10	< 1	0.99	20	0.06	95

CERTIFICATION: *Hart Bickler*



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CERTIFICATE OF ANALYSIS

A9323338

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460605	255	292	1	0.03	3	920	324	< 2	2	131	< 0.01	< 10	< 10	29	< 10	500
460606	255	292	< 1	0.06	2	760	74	< 2	2	149	< 0.01	< 10	< 10	26	< 10	208
460681	255	292	< 1	< 0.01	3	850	160	< 2	2	14	< 0.01	< 10	< 10	18	< 10	2430
460682	255	292	2	< 0.01	1	770	410	2	2	23	< 0.01	< 10	< 10	27	< 10	616
460683	255	292	9	0.01	4	90	268	< 2	< 1	14	< 0.01	< 10	< 10	4	< 10	42

CERTIFICATION:

Tony Drescher



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A9323337

Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE

A9323337

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
 P.O.#:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 27-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	7	Geochem ring to approx 150 mesh 0-15 lb crush and split ICP - AQ Digestion charge
274	7	
229	7	
* 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	7	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	7	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	7	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	7	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	7	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	7	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	7	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	7	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	7	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	7	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	7	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	7	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	7	Fe %: 32 element, soil & rock	ICP-AES	1	10000
2130	7	Ga ppm: 32 element, soil & rock	ICP-AES	0.01	15.00
2131	7	Hg ppm: 32 element, soil & rock	ICP-AES	10	10000
2132	7	K %: 32 element, soil & rock	ICP-AES	1	10000
2151	7	La ppm: 32 element, soil & rock	ICP-AES	0.01	10.00
2134	7	Mg %: 32 element, soil & rock	ICP-AES	10	10000
2135	7	Mn ppm: 32 element, soil & rock	ICP-AES	0.01	15.00
2136	7	Mo ppm: 32 element, soil & rock	ICP-AES	5	10000
2137	7	Na %: 32 element, soil & rock	ICP-AES	1	10000
2138	7	Ni ppm: 32 element, soil & rock	ICP-AES	0.01	5.00
2139	7	P ppm: 32 element, soil & rock	ICP-AES	1	10000
2140	7	Pb ppm: 32 element, soil & rock	ICP-AES	10	10000
2141	7	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	7	Sc ppm: 32 elements, soil & rock	ICP-AES	2	10000
2143	7	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	7	Ti %: 32 element, soil & rock	ICP-AES	1	10000
2145	7	Tl ppm: 32 element, soil & rock	ICP-AES	0.01	5.00
2146	7	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	7	V ppm: 32 element, soil & rock	ICP-AES	10	10000
2148	7	W ppm: 32 element, soil & rock	ICP-AES	1	10000
2149	7	Zn ppm: 32 element, soil & rock	ICP-AES	10	10000
				2	10000



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Invoice No. : I9323337
P.O. Number :
Account : KAR

Project : SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS

A9323337

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
460602	205	274	< 5	< 0.2	0.68	8	160	< 0.5	< 2	0.03	< 0.5	2	258	9	1.73	10	< 1	0.48	70	0.02	450
460603	205	274	55	0.2	0.78	8	360	< 0.5	< 2	0.04	< 0.5	< 1	248	6	1.36	10	< 1	0.51	70	0.03	45
460604	205	274	25	0.2	0.67	8	120	< 0.5	< 2	0.01	< 0.5	< 1	208	2	1.24	10	< 1	0.49	40	0.03	35
460675	205	274	10	< 0.2	1.79	28	130	< 0.5	< 2	1.31	< 0.5	8	133	33	3.48	< 10	< 1	0.22	< 10	0.87	765
460678	205	274	< 5	< 0.2	0.62	2	280	< 0.5	< 2	0.03	< 0.5	< 1	187	8	0.86	10	< 1	0.48	50	0.03	15
460679	205	274	< 5	0.8	0.79	< 2	150	< 0.5	2	0.02	< 0.5	< 1	333	14	3.34	< 10	< 1	0.57	10	0.03	30
460680	205	274	< 5	0.6	0.87	4	140	< 0.5	2	< 0.01	< 0.5	< 1	233	1	1.39	< 10	< 1	0.60	10	0.03	10

CERTIFICATION:

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Page Number : 1-B
Total Pages : 1
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CERTIFICATE OF ANALYSIS

A9323337

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460602	205	274	1	0.04	4	260	38	< 2	< 1	18	< 0.01	< 10	< 10	4	< 10	232
460603	205	274	< 1	0.05	3	270	44	2	< 1	24	< 0.01	< 10	< 10	4	< 10	80
460604	205	274	< 1	0.01	1	150	108	< 2	< 1	12	< 0.01	< 10	< 10	2	< 10	18
460675	205	274	< 1	0.26	3	1310	6	2	6	103	0.14	< 10	< 10	103	10	70
460678	205	274	< 1	0.05	2	260	88	< 2	< 1	37	< 0.01	< 10	< 10	3	< 10	16
460679	205	274	< 1	0.01	6	130	232	< 2	< 1	7	< 0.01	< 10	< 10	3	< 10	170
460680	205	274	2	0.01	2	50	88	< 2	< 1	8	< 0.01	< 10	< 10	5	< 10	8

CERTIFICATION:

Hart Bickler



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To: INTERNATIONAL TOWER HILL MINES
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A9323336

Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE

A9323336

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 8-NOV-93.

SAMPLE PREPARATION

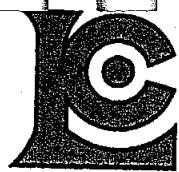
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	114	Dry, sieve to -80 mesh
229	114	ICP - AQ Digestion charge

* 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	114	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	114	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	114	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	114	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	114	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	114	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	114	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	114	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	114	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	114	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	114	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	114	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	114	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	114	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	114	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	114	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	114	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	114	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	114	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	114	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	114	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	114	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	114	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	114	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	114	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	114	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	114	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	114	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	114	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	114	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	114	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	114	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	114	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

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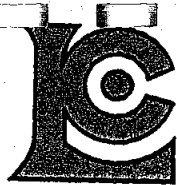
Project : SIWASH
 Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323336

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
5800E 3800N	201 229	< 5	0.2	1.24	< 2	90	0.5	4	0.16	< 0.5	4	9	216	1.96	< 10	< 1	0.06	10	0.16	240
5800E 3825N	201 229	< 5	0.4	1.32	6	100	0.5	2	0.17	< 0.5	5	9	53	2.06	< 10	< 1	0.06	10	0.17	270
5800E 3850N	201 229	< 5	0.4	1.25	< 2	200	0.5	< 2	0.31	< 0.5	2	9	66	1.01	10	< 1	0.04	90	0.14	65
5800E 3875N	201 229	< 5	1.2	1.63	< 2	120	0.5	< 2	0.17	< 0.5	4	8	47	2.04	10	< 1	0.06	10	0.14	295
5800E 3900N	201 229	< 5	0.2	1.41	< 2	110	0.5	< 2	0.22	< 0.5	4	11	46	2.25	< 10	< 1	0.05	10	0.22	345
5800E 3925N	201 229	< 5	0.4	1.56	8	90	< 0.5	< 2	0.20	< 0.5	6	12	49	2.20	< 10	< 1	0.06	10	0.21	320
5800E 3950N	201 229	< 5	0.4	2.11	< 2	120	0.5	< 2	0.20	< 0.5	4	12	33	1.99	< 10	< 1	0.04	10	0.18	265
5800E 3975N	201 229	< 5	< 0.2	1.60	< 2	130	< 0.5	< 2	0.25	< 0.5	7	14	27	2.21	< 10	< 1	0.04	10	0.25	380
5800E 4000N	201 229	< 5	0.2	1.47	< 2	110	< 0.5	< 2	0.25	< 0.5	6	14	19	1.82	< 10	< 1	0.04	< 10	0.20	250
5800E 4025N	201 229	< 5	0.4	2.46	< 2	210	< 0.5	< 2	0.43	< 0.5	4	15	33	2.21	10	< 1	0.05	10	0.28	390
5800E 4050N	201 229	< 5	0.2	1.69	< 2	230	< 0.5	< 2	0.30	< 0.5	5	15	26	2.25	10	< 1	0.07	10	0.24	245
5800E 4075N	201 229	< 5	0.4	1.78	< 2	150	< 0.5	< 2	0.25	< 0.5	6	10	20	2.11	10	< 1	0.09	10	0.20	340
5800E 4100N	201 229	< 5	0.4	2.73	< 2	240	< 0.5	< 2	0.56	< 0.5	8	23	51	2.84	10	< 1	0.10	10	0.65	520
5800E 4125N	201 229	< 5	0.8	2.23	< 2	220	< 0.5	< 2	0.37	0.5	5	15	46	2.33	10	< 1	0.07	10	0.27	425
5800E 4150N	201 229	< 5	0.2	1.49	< 2	190	< 0.5	< 2	0.21	< 0.5	4	13	17	1.87	< 10	< 1	0.04	< 10	0.18	145
5800E 4175N	201 229	< 5	< 0.2	1.66	< 2	130	< 0.5	< 2	0.29	< 0.5	7	15	30	2.33	< 10	< 1	0.06	10	0.27	225
5800E 4200N	201 229	< 5	0.2	1.35	< 2	120	< 0.5	< 2	0.31	< 0.5	5	15	24	1.99	< 10	< 1	0.05	< 10	0.26	365
5800E 4225N	201 229	< 5	0.6	1.95	2	100	< 0.5	< 2	0.18	< 0.5	7	13	23	2.23	< 10	< 1	0.05	< 10	0.21	185
5800E 4250N	201 229	< 5	0.6	1.20	2	100	< 0.5	< 2	0.32	< 0.5	5	12	30	1.78	< 10	< 1	0.04	10	0.21	205
5800E 4275N	201 229	< 5	0.8	1.05	8	90	< 0.5	4	0.37	< 0.5	4	16	54	2.04	< 10	< 1	0.06	10	0.27	250
5800E 4300N	201 229	< 5	0.8	1.86	4	100	< 0.5	< 2	0.25	< 0.5	6	15	22	2.22	10	< 1	0.06	< 10	0.21	240
5800E 4325N	201 229	< 5	0.8	1.59	2	100	< 0.5	< 2	0.38	< 0.5	6	28	35	2.26	< 10	< 1	0.06	10	0.35	325
5800E 4350N	201 229	< 5	< 0.2	0.93	< 2	80	< 0.5	< 2	0.30	< 0.5	4	16	25	1.87	< 10	< 1	0.05	10	0.27	210
5800E 4375N	201 229	< 5	< 0.2	0.89	< 2	70	< 0.5	< 2	0.37	< 0.5	6	15	26	1.95	< 10	< 1	0.05	10	0.27	245
5800E 4400N	201 229	15	< 0.2	1.26	< 2	80	< 0.5	< 2	0.32	< 0.5	3	15	24	1.66	< 10	< 1	0.04	< 10	0.27	200
5800E 4425N	201 229	< 5	0.2	1.32	4	110	< 0.5	< 2	0.36	< 0.5	5	16	44	1.73	< 10	< 1	0.06	10	0.30	230
5800E 4450N	201 229	< 5	0.4	2.56	< 2	330	0.5	2	0.50	< 0.5	8	22	159	1.39	10	< 1	0.10	20	0.31	240
5800E 4475N	201 229	< 5	0.2	1.00	< 2	90	< 0.5	< 2	0.39	< 0.5	4	18	22	1.85	< 10	< 1	0.06	< 10	0.25	195
5800E 4500N	201 229	< 5	0.2	1.42	< 2	60	< 0.5	< 2	0.20	< 0.5	6	15	29	1.85	< 10	< 1	0.03	< 10	0.20	140
5800E 4525N	201 229	< 5	< 0.2	1.05	< 2	90	< 0.5	< 2	0.28	< 0.5	6	16	43	1.92	< 10	< 1	0.04	< 10	0.23	125
5800E 4550N	201 229	< 5	0.2	1.29	< 2	120	< 0.5	< 2	0.42	< 0.5	6	18	48	1.75	< 10	< 1	0.06	10	0.33	200
5800E 4575N	201 229	< 5	1.0	2.18	< 2	210	< 0.5	< 2	0.55	< 0.5	4	18	181	2.05	10	< 1	0.06	10	0.27	315
5800E 4600N	201 229	< 5	< 0.2	1.13	< 2	80	< 0.5	< 2	0.25	< 0.5	6	17	39	1.80	< 10	< 1	0.04	< 10	0.23	140
5800E 4625N	201 229	< 5	< 0.2	1.27	< 2	70	< 0.5	< 2	0.25	< 0.5	5	16	26	1.76	< 10	< 1	0.04	< 10	0.20	205
5800E 4650N	201 229	15	< 0.2	1.43	< 2	110	< 0.5	< 2	0.28	< 0.5	5	22	30	1.95	< 10	< 1	0.05	< 10	0.27	175
5800E 4675N	201 229	< 5	0.4	1.56	< 2	140	< 0.5	2	0.47	< 0.5	4	19	101	1.80	< 10	< 1	0.08	10	0.30	210
5800E 4700N	201 229	< 5	0.6	1.92	< 2	180	< 0.5	< 2	0.52	< 0.5	6	19	104	2.03	10	< 1	0.07	10	0.30	275
5800E 4725N	201 229	< 5	0.2	1.07	< 2	100	< 0.5	< 2	0.27	< 0.5	6	18	94	2.04	< 10	< 1	0.04	< 10	0.23	155
5800E 4750N	201 229	< 5	0.8	1.58	< 2	120	< 0.5	< 2	0.28	0.5	6	18	103	2.19	10	< 1	0.06	10	0.27	275
5800E 4775N	201 229	< 5	< 0.2	1.42	< 2	110	< 0.5	< 2	0.32	< 0.5	6	22	97	2.53	< 10	< 1	0.07	10	0.39	275

CERTIFICATION:

Hart Bichler



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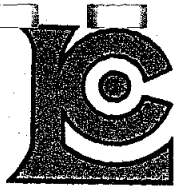
Project : SIWASH
 Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323336

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
5800E 3800N	201 229	< 1	0.01	3	510	50	< 2	1	14	0.05	< 10	< 10	40	< 10	366
5800E 3825N	201 229	< 1	0.02	5	540	38	< 2	1	14	0.06	< 10	< 10	44	< 10	432
5800E 3850N	201 229	1	0.02	2	210	48	< 2	2	30	0.04	< 10	< 10	20	< 10	448
5800E 3875N	201 229	1	0.02	2	580	48	< 2	1	15	0.03	< 10	< 10	32	< 10	600
5800E 3900N	201 229	< 1	0.01	4	580	40	2	1	15	0.06	< 10	< 10	47	< 10	412
5800E 3925N	201 229	1	0.02	3	460	54	< 2	2	16	0.07	< 10	< 10	48	< 10	548
5800E 3950N	201 229	1	0.03	4	670	24	< 2	2	17	0.09	< 10	< 10	45	< 10	530
5800E 3975N	201 229	< 1	0.02	6	710	20	< 2	2	19	0.08	< 10	< 10	54	< 10	186
5800E 4000N	201 229	1	0.02	6	280	12	< 2	1	23	0.09	< 10	< 10	47	< 10	168
5800E 4025N	201 229	2	0.03	8	210	22	2	4	36	0.09	< 10	< 10	46	< 10	304
5800E 4050N	201 229	< 1	0.02	5	470	22	< 2	2	24	0.09	< 10	< 10	53	< 10	194
5800E 4075N	201 229	< 1	0.02	4	880	24	2	2	18	0.06	< 10	< 10	43	< 10	230
5800E 4100N	201 229	< 1	0.02	10	240	40	< 2	4	47	0.18	< 10	< 10	59	10	834
5800E 4125N	201 229	< 1	0.03	6	230	40	< 2	3	36	0.08	< 10	< 10	47	< 10	598
5800E 4150N	201 229	< 1	0.02	4	400	26	< 2	1	18	0.06	< 10	< 10	42	< 10	342
5800E 4175N	201 229	< 1	0.02	7	570	32	< 2	2	23	0.08	< 10	< 10	54	< 10	252
5800E 4200N	201 229	< 1	0.02	5	160	32	< 2	2	26	0.08	< 10	< 10	48	< 10	472
5800E 4225N	201 229	< 1	0.02	7	800	30	< 2	2	15	0.08	< 10	< 10	50	< 10	392
5800E 4250N	201 229	< 1	0.02	5	150	24	< 2	1	25	0.08	< 10	< 10	45	< 10	294
5800E 4275N	201 229	< 1	0.02	4	310	38	2	2	27	0.08	< 10	< 10	51	< 10	328
5800E 4300N	201 229	< 1	0.02	6	800	34	< 2	2	20	0.07	< 10	< 10	51	< 10	682
5800E 4325N	201 229	< 1	0.02	10	220	42	< 2	2	29	0.11	< 10	< 10	58	< 10	866
5800E 4350N	201 229	< 1	0.01	4	230	10	< 2	2	21	0.08	< 10	< 10	49	< 10	294
5800E 4375N	201 229	< 1	0.02	6	560	18	< 2	2	24	0.08	< 10	< 10	51	< 10	220
5800E 4400N	201 229	< 1	0.02	4	260	18	< 2	2	25	0.09	< 10	< 10	43	< 10	318
5800E 4425N	201 229	< 1	0.02	7	500	20	< 2	2	27	0.08	< 10	< 10	44	< 10	246
5800E 4450N	201 229	< 1	0.04	23	810	14	< 2	6	41	0.10	< 10	< 10	30	< 10	142
5800E 4475N	201 229	< 1	0.02	6	460	6	< 2	2	25	0.08	< 10	< 10	51	< 10	74
5800E 4500N	201 229	< 1	0.02	7	840	8	< 2	2	14	0.08	< 10	< 10	49	< 10	94
5800E 4525N	201 229	< 1	0.02	7	660	4	< 2	2	20	0.08	< 10	< 10	56	< 10	80
5800E 4550N	201 229	1	0.02	8	260	12	2	2	32	0.11	< 10	< 10	50	< 10	122
5800E 4575N	201 229	1	0.02	10	380	18	< 2	4	42	0.08	< 10	< 10	44	< 10	322
5800E 4600N	201 229	< 1	0.01	7	840	< 2	< 2	2	15	0.06	< 10	< 10	49	< 10	98
5800E 4625N	201 229	< 1	0.02	8	830	12	2	2	17	0.08	< 10	< 10	50	< 10	80
5800E 4650N	201 229	< 1	0.02	9	620	8	< 2	2	21	0.10	< 10	< 10	57	< 10	60
5800E 4675N	201 229	< 1	0.02	7	540	14	< 2	4	35	0.10	< 10	< 10	42	< 10	118
5800E 4700N	201 229	1	0.03	9	230	10	< 2	3	43	0.11	< 10	< 10	50	< 10	202
5800E 4725N	201 229	< 1	0.01	6	850	20	< 2	1	18	0.06	< 10	< 10	54	< 10	136
5800E 4750N	201 229	1	0.02	8	450	30	< 2	2	22	0.08	< 10	< 10	49	< 10	676
5800E 4775N	201 229	1	0.01	11	420	36	< 2	2	26	0.08	< 10	< 10	57	< 10	348

CERTIFICATION:

Anthony Buchler



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CERTIFICATE OF ANALYSIS A9323336

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
5800E 4800N	201 229	< 5	1.0	1.75	< 2	120	< 0.5	< 2	0.29	< 0.5	6	14	121	2.04	< 10	< 1	0.05	< 10	0.23	470
5800E 4825N	201 229	20	0.4	1.48	< 2	110	< 0.5	2	0.40	< 0.5	4	15	155	1.86	< 10	< 1	0.05	10	0.27	280
5800E 4850N	201 229	10	0.6	1.35	< 2	120	< 0.5	16	0.36	< 0.5	7	22	209	2.54	< 10	< 1	0.07	10	0.35	310
5800E 4875N	201 229	5	1.2	1.89	< 2	100	< 0.5	16	0.16	< 0.5	6	13	182	2.14	10	< 1	0.04	< 10	0.18	240
5800E 4900N	201 229	< 5	0.4	1.52	< 2	100	< 0.5	< 2	0.18	< 0.5	6	13	40	2.26	< 10	< 1	0.06	< 10	0.26	180
5800E 4925N	201 229	< 5	0.2	1.56	< 2	120	< 0.5	< 2	0.15	< 0.5	4	8	30	1.86	< 10	< 1	0.05	< 10	0.17	415
5800E 4950N	201 229	< 5	0.4	2.00	6	110	< 0.5	< 2	0.18	< 0.5	6	12	20	2.14	10	< 1	0.06	< 10	0.24	230
5800E 4975N	201 229	< 5	0.2	1.41	< 2	80	< 0.5	< 2	0.17	< 0.5	5	12	19	1.73	< 10	< 1	0.04	< 10	0.19	270
5800E 5000N	201 229	10	< 0.2	1.67	< 2	100	< 0.5	< 2	0.20	< 0.5	4	13	18	1.80	< 10	< 1	0.04	< 10	0.22	120
6000E 3500N	201 229	< 5	0.2	1.29	< 2	110	< 0.5	< 2	0.21	< 0.5	4	10	28	1.78	< 10	< 1	0.05	10	0.16	160
6000E 3525N	201 229	< 5	0.6	1.43	< 2	130	< 0.5	< 2	0.19	< 0.5	4	10	24	1.94	< 10	< 1	0.06	10	0.15	460
6000E 3550N	201 229	70	0.8	1.30	10	170	< 0.5	< 2	0.23	< 0.5	4	9	44	2.34	10	< 1	0.08	10	0.16	385
6000E 3575N	201 229	130	0.6	1.39	12	140	< 0.5	< 2	0.21	< 0.5	4	9	20	2.06	< 10	< 1	0.09	10	0.17	225
6000E 3600N	201 229	< 5	< 0.2	1.27	6	150	< 0.5	< 2	0.21	< 0.5	6	11	16	1.81	< 10	< 1	0.05	< 10	0.16	465
6000E 3625N	201 229	< 5	< 0.2	1.53	< 2	130	< 0.5	< 2	0.23	< 0.5	5	11	19	1.82	< 10	< 1	0.05	10	0.17	305
6000E 3650N	201 229	< 5	0.4	1.78	< 2	240	< 0.5	< 2	0.20	< 0.5	4	9	18	2.10	10	< 1	0.10	10	0.15	450
6000E 3675N	201 229	< 5	0.2	1.63	< 2	260	< 0.5	< 2	0.24	< 0.5	4	9	21	1.99	10	< 1	0.07	10	0.19	315
6000E 3700N	201 229	< 5	0.4	1.88	6	190	< 0.5	< 2	0.19	< 0.5	6	10	21	1.97	< 10	< 1	0.06	10	0.20	450
6000E 3725N	201 229	< 5	0.2	1.90	< 2	120	< 0.5	2	0.22	< 0.5	6	11	16	2.02	< 10	< 1	0.04	< 10	0.18	510
6000E 3750N	201 229	< 5	0.2	1.75	< 2	150	< 0.5	< 2	0.18	< 0.5	4	12	16	1.83	< 10	< 1	0.04	< 10	0.17	315
6000E 3775N	201 229	< 5	< 0.2	1.00	6	100	< 0.5	< 2	0.26	< 0.5	4	12	21	2.11	< 10	< 1	0.07	10	0.24	250
6000E 3800N	201 229	< 5	0.2	1.44	2	110	< 0.5	< 2	0.21	< 0.5	3	10	12	1.91	< 10	< 1	0.04	< 10	0.16	340
6000E 3825N	201 229	< 5	0.2	2.10	< 2	170	< 0.5	2	0.17	< 0.5	6	10	16	2.03	< 10	< 1	0.04	< 10	0.21	725
6000E 3850N	201 229	< 5	< 0.2	2.03	< 2	130	< 0.5	< 2	0.22	< 0.5	7	13	18	2.12	< 10	< 1	0.05	< 10	0.24	680
6000E 3875N	201 229	< 5	< 0.2	2.14	< 2	110	< 0.5	< 2	0.15	< 0.5	6	9	14	2.20	10	< 1	0.03	< 10	0.20	935
6000E 3900N	201 229	< 5	< 0.2	2.57	4	120	< 0.5	4	0.14	< 0.5	6	12	25	2.39	10	< 1	0.04	10	0.30	430
6000E 3925N	201 229	< 5	0.2	1.70	< 2	150	< 0.5	< 2	0.19	< 0.5	4	7	14	1.75	< 10	< 1	0.04	10	0.17	885
6000E 3950N	201 229	< 5	< 0.2	1.74	< 2	150	< 0.5	< 2	0.14	< 0.5	6	8	12	2.02	< 10	< 1	0.03	< 10	0.13	970
6000E 3975N	201 229	< 5	0.2	1.90	< 2	280	< 0.5	< 2	0.20	< 0.5	6	13	21	1.87	< 10	< 1	0.04	10	0.20	255
6000E 4000N	201 229	20	0.2	2.16	< 2	200	< 0.5	2	0.23	< 0.5	9	22	26	2.26	< 10	< 1	0.06	< 10	0.39	340
6000E 4025N	201 229	< 5	0.2	1.68	< 2	180	< 0.5	< 2	0.21	< 0.5	7	20	22	1.95	< 10	< 1	0.04	< 10	0.29	405
6000E 4050N	201 229	< 5	0.4	2.08	< 2	90	< 0.5	< 2	0.20	< 0.5	7	20	21	2.14	< 10	< 1	0.06	< 10	0.30	265
6000E 4075N	201 229	< 5	0.2	2.15	< 2	120	< 0.5	< 2	0.21	< 0.5	8	18	22	2.13	< 10	< 1	0.06	< 10	0.29	360
6000E 4100N	201 229	< 5	< 0.2	1.77	< 2	120	< 0.5	< 2	0.24	< 0.5	6	17	27	1.92	< 10	< 1	0.06	< 10	0.27	205
6000E 4125N	201 229	< 5	0.2	1.73	2	130	< 0.5	< 2	0.23	< 0.5	7	17	30	2.08	< 10	< 1	0.05	10	0.24	195
6000E 4150N	201 229	< 5	0.2	1.54	< 2	140	< 0.5	< 2	0.26	< 0.5	6	15	23	1.93	< 10	< 1	0.04	< 10	0.22	200
6000E 4175N	201 229	< 5	0.4	1.54	< 2	120	< 0.5	< 2	0.35	< 0.5	6	18	24	2.02	< 10	< 1	0.04	10	0.28	335
6000E 4200N	201 229	< 5	0.4	1.28	< 2	110	< 0.5	< 2	0.30	< 0.5	5	17	34	1.72	< 10	< 1	0.04	10	0.26	240
6000E 4225N	201 229	70	< 0.2	1.15	< 2	90	< 0.5	< 2	0.35	< 0.5	6	20	29	1.93	< 10	< 1	0.06	10	0.38	260
6000E 4250N	201 229	< 5	0.4	1.75	< 2	170	< 0.5	< 2	0.46	< 0.5	7	20	74	2.12	< 10	< 1	0.08	20	0.31	385

CERTIFICATION:

Hank Buchler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
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 P.O. Number :
 Account :KAR

Project : SIWASH
 Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323336

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
5800E 4800N	201 229	1	0.03	7	180	26	< 2	2	25	0.08	< 10	< 10	46	< 10	360
5800E 4825N	201 229	2	0.02	7	180	20	< 2	2	33	0.08	< 10	< 10	44	< 10	318
5800E 4850N	201 229	1	0.02	8	180	26	< 2	3	33	0.10	< 10	< 10	64	< 10	488
5800E 4875N	201 229	1	0.02	5	510	46	< 2	2	14	0.08	< 10	< 10	48	< 10	384
5800E 4900N	201 229	2	0.02	6	460	12	< 2	1	17	0.08	< 10	< 10	54	< 10	256
5800E 4925N	201 229	2	0.02	4	570	18	2	1	17	0.06	< 10	< 10	37	< 10	230
5800E 4950N	201 229	1	0.02	6	610	8	< 2	2	16	0.11	< 10	< 10	55	< 10	266
5800E 4975N	201 229	< 1	0.02	6	650	10	< 2	1	14	0.07	< 10	< 10	43	< 10	144
5800E 5000N	201 229	1	0.02	7	700	12	< 2	2	17	0.08	< 10	< 10	43	< 10	152
6000E 3500N	201 229	1	0.02	4	370	36	< 2	1	17	0.06	< 10	< 10	42	< 10	426
6000E 3525N	201 229	< 1	0.02	3	780	88	< 2	1	15	0.04	< 10	< 10	39	< 10	618
6000E 3550N	201 229	1	0.01	3	610	122	< 2	1	17	0.03	< 10	< 10	39	< 10	718
6000E 3575N	201 229	1	0.02	3	460	90	< 2	1	16	0.05	< 10	< 10	39	< 10	618
6000E 3600N	201 229	< 1	0.01	5	770	22	< 2	1	15	0.06	< 10	< 10	44	< 10	314
6000E 3625N	201 229	< 1	0.02	5	830	22	< 2	1	18	0.07	< 10	< 10	45	< 10	218
6000E 3650N	201 229	< 1	0.02	3	800	46	< 2	2	17	0.04	< 10	< 10	38	< 10	340
6000E 3675N	201 229	< 1	0.02	4	570	36	< 2	2	21	0.06	< 10	< 10	42	< 10	240
6000E 3700N	201 229	< 1	0.02	4	780	56	< 2	2	16	0.07	< 10	< 10	41	< 10	358
6000E 3725N	201 229	1	0.02	6	1040	28	2	2	18	0.09	< 10	< 10	48	< 10	290
6000E 3750N	201 229	< 1	0.02	6	710	12	< 2	2	15	0.08	< 10	< 10	45	< 10	226
6000E 3775N	201 229	1	0.01	3	520	36	< 2	2	19	0.06	< 10	< 10	47	< 10	226
6000E 3800N	201 229	< 1	0.02	4	660	22	2	1	17	0.05	< 10	< 10	42	< 10	250
6000E 3825N	201 229	1	0.02	4	970	20	< 2	2	14	0.06	< 10	< 10	43	< 10	232
6000E 3850N	201 229	1	0.02	6	910	30	< 2	2	18	0.08	< 10	< 10	51	< 10	296
6000E 3875N	201 229	< 1	0.02	5	770	40	< 2	1	13	0.08	< 10	< 10	49	< 10	306
6000E 3900N	201 229	< 1	0.02	4	650	44	< 2	2	12	0.06	< 10	< 10	48	< 10	206
6000E 3925N	201 229	< 1	0.02	2	590	32	< 2	1	14	0.04	< 10	< 10	36	< 10	244
6000E 3950N	201 229	1	0.02	5	680	32	< 2	1	13	0.06	< 10	< 10	43	< 10	230
6000E 3975N	201 229	< 1	0.02	7	440	28	< 2	1	22	0.06	< 10	< 10	41	< 10	264
6000E 4000N	201 229	< 1	0.02	13	780	16	< 2	2	24	0.10	< 10	< 10	55	< 10	148
6000E 4025N	201 229	< 1	0.02	10	660	12	< 2	2	20	0.09	< 10	< 10	50	< 10	148
6000E 4050N	201 229	< 1	0.02	12	1220	6	2	2	18	0.11	< 10	< 10	54	< 10	228
6000E 4075N	201 229	< 1	0.02	12	950	12	< 2	2	19	0.10	< 10	< 10	53	< 10	202
6000E 4100N	201 229	< 1	0.02	9	510	28	2	2	23	0.09	< 10	< 10	48	< 10	186
6000E 4125N	201 229	< 1	0.02	9	660	36	< 2	2	22	0.08	< 10	< 10	49	< 10	322
6000E 4150N	201 229	< 1	0.02	7	350	34	< 2	2	24	0.07	< 10	< 10	47	< 10	248
6000E 4175N	201 229	< 1	0.02	8	220	16	< 2	2	35	0.08	< 10	< 10	50	< 10	206
6000E 4200N	201 229	< 1	0.02	5	210	20	< 2	2	28	0.08	< 10	< 10	43	< 10	178
6000E 4225N	201 229	1	0.02	7	320	18	< 2	2	29	0.09	< 10	< 10	53	< 10	164
6000E 4250N	201 229	< 1	0.02	8	310	52	< 2	4	44	0.06	< 10	< 10	48	< 10	222

CERTIFICATION:

Hank Buchler



Chemex Labs Ltd.

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 212 Brooksbank Ave., North Vancouver
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To: INTERNATIONAL TOWER HILL MINES
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Page Number : 3-A
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 Invoice No. : I9323336
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 Account : KAR

Project : SIWASH
 Comments : ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323336

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
6000E 4275N	201 229	< 5	< 0.2	1.17	< 2	110	< 0.5	2	0.33	< 0.5	3	17	15	1.58	< 10	< 1	0.06	10	0.31	210
6000E 4300N	201 229	< 5	< 0.2	1.05	< 2	90	< 0.5	2	0.39	< 0.5	4	23	17	1.73	< 10	< 1	0.06	< 10	0.37	190
6000E 4325N	201 229	< 5	0.2	1.07	8	80	< 0.5	4	0.40	< 0.5	4	19	41	1.78	< 10	< 1	0.05	10	0.29	195
6000E 4350N	201 229	< 5	< 0.2	1.40	2	110	< 0.5	2	0.40	< 0.5	7	28	30	2.14	< 10	< 1	0.06	< 10	0.43	220
6000E 4375N	201 229	< 5	0.2	1.47	< 2	120	< 0.5	< 2	0.34	< 0.5	6	17	34	1.84	< 10	< 1	0.05	10	0.26	185
6000E 4400N	201 229	< 5	< 0.2	1.45	< 2	110	< 0.5	< 2	0.42	0.5	6	21	27	2.12	< 10	< 1	0.06	10	0.36	270
6000E 4425N	201 229	< 5	0.2	1.87	< 2	110	< 0.5	2	0.43	< 0.5	5	22	49	2.15	< 10	< 1	0.08	10	0.36	220
6000E 4450N	201 229	< 5	< 0.2	1.33	4	90	< 0.5	4	0.39	< 0.5	3	19	36	1.70	< 10	< 1	0.05	< 10	0.29	135
6000E 4475N	201 229	< 5	0.6	3.62	< 2	240	< 0.5	2	0.65	< 0.5	7	30	97	3.05	10	< 1	0.09	20	0.34	315
6000E 4500N	201 229	55	< 0.2	1.24	< 2	80	< 0.5	2	0.27	< 0.5	4	17	50	1.84	< 10	< 1	0.04	< 10	0.23	130
6000E 4525N	201 229	< 5	0.2	1.50	4	80	< 0.5	4	0.23	< 0.5	5	17	44	1.79	< 10	< 1	0.04	< 10	0.19	120
6000E 4550N	201 229	< 5	< 0.2	1.15	2	90	< 0.5	< 2	0.26	< 0.5	4	17	33	1.75	< 10	< 1	0.04	< 10	0.23	110
6000E 4575N	201 229	< 5	< 0.2	1.40	< 2	120	< 0.5	2	0.35	< 0.5	4	17	21	1.39	< 10	< 1	0.06	< 10	0.25	105
6000E 4600N	201 229	< 5	0.2	2.54	< 2	200	< 0.5	2	0.58	< 0.5	6	22	74	2.41	< 10	< 1	0.08	10	0.36	305
6000E 4625N	201 229	< 5	0.2	2.07	< 2	140	< 0.5	2	0.55	< 0.5	7	25	26	2.03	< 10	< 1	0.09	< 10	0.42	775
6000E 4650N	201 229	< 5	0.4	2.78	< 2	250	< 0.5	< 2	0.65	< 0.5	7	29	67	2.29	< 10	< 1	0.09	10	0.34	450
6000E 4675N	201 229	< 5	< 0.2	1.30	< 2	100	< 0.5	2	0.37	< 0.5	7	22	29	2.05	< 10	< 1	0.07	< 10	0.33	180
6000E 4700N	201 229	< 5	0.2	1.41	4	80	< 0.5	4	0.17	< 0.5	3	15	50	1.75	< 10	< 1	0.03	< 10	0.19	120
6000E 4725N	201 229	< 5	< 0.2	1.27	2	120	< 0.5	< 2	0.34	< 0.5	< 1	10	40	0.64	< 10	< 1	0.01	10	0.06	15
6000E 4750N	201 229	< 5	< 0.2	1.32	14	140	< 0.5	< 2	0.26	< 0.5	4	17	22	1.88	< 10	< 1	0.04	< 10	0.23	95
6000E 4775N	201 229	< 5	0.2	1.54	< 2	150	< 0.5	6	0.39	< 0.5	4	17	30	1.63	< 10	< 1	0.07	10	0.26	140
6000E 4800N	201 229	< 5	0.2	1.45	4	150	< 0.5	2	0.27	< 0.5	4	15	26	1.86	< 10	< 1	0.07	< 10	0.26	150
6000E 4825N	201 229	< 5	0.2	1.56	< 2	120	< 0.5	2	0.19	< 0.5	4	13	27	1.76	< 10	< 1	0.06	< 10	0.19	105
6000E 4850N	201 229	75	< 0.2	1.35	12	70	< 0.5	10	0.18	< 0.5	4	14	35	1.85	< 10	< 1	0.05	< 10	0.20	120
6000E 4875N	201 229	< 5	< 0.2	2.02	< 2	190	< 0.5	2	0.32	< 0.5	3	18	36	1.38	< 10	< 1	0.04	10	0.27	90
6000E 4900N	201 229	< 5	0.2	1.71	2	150	< 0.5	4	0.27	< 0.5	6	16	30	1.97	< 10	< 1	0.06	10	0.23	145
6000E 4925N	201 229	< 5	< 0.2	1.74	< 2	80	< 0.5	< 2	0.18	< 0.5	4	14	16	1.93	< 10	< 1	0.04	< 10	0.18	365
6000E 4950N	201 229	< 5	0.2	2.18	< 2	140	< 0.5	2	0.25	< 0.5	4	16	27	1.93	< 10	< 1	0.04	< 10	0.21	205
6000E 4975N	201 229	< 5	< 0.2	1.94	< 2	120	< 0.5	< 2	0.24	< 0.5	4	15	22	1.81	< 10	< 1	0.05	< 10	0.18	170
6000E 5000N	201 229	< 5	< 0.2	1.64	< 2	110	< 0.5	< 2	0.37	< 0.5	5	18	22	1.66	< 10	< 1	0.06	< 10	0.25	165
460673	201 229	< 5	< 0.2	1.56	< 2	1040	< 0.5	< 2	1.31	2.5	18	19	45	4.65	< 10	< 1	0.10	10	0.46	>10000
460674	201 229	< 5	0.2	1.42	< 2	480	< 0.5	< 2	1.70	1.5	9	18	52	3.37	< 10	< 1	0.21	10	0.31	4870
460676	201 229	< 5	< 0.2	1.26	< 2	220	< 0.5	< 2	0.88	0.5	6	20	36	2.59	< 10	< 1	0.10	< 10	0.31	975
460677	201 229	< 5	0.2	1.63	2	580	< 0.5	< 2	1.77	1.5	11	19	71	2.80	< 10	< 1	0.08	10	0.45	3940

CERTIFICATION:

Hart Bickler



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CERTIFICATE OF ANALYSIS

A9323336

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
6000E 4275N	201 229	< 1	0.02	6	350	30	< 2	2	28	0.07	< 10	< 10	40	< 10	168
6000E 4300N	201 229	< 1	0.01	10	360	18	< 2	2	33	0.10	< 10	< 10	50	< 10	148
6000E 4325N	201 229	< 1	0.02	7	430	78	< 2	2	29	0.10	< 10	< 10	53	< 10	386
6000E 4350N	201 229	1	0.02	11	220	12	< 2	2	33	0.12	< 10	< 10	62	10	458
6000E 4375N	201 229	1	0.03	8	190	16	< 2	2	28	0.11	< 10	< 10	49	< 10	194
6000E 4400N	201 229	< 1	0.03	8	270	26	< 2	3	32	0.12	< 10	< 10	56	10	1230
6000E 4425N	201 229	1	0.03	10	240	56	< 2	3	34	0.11	< 10	< 10	50	10	794
6000E 4450N	201 229	< 1	0.02	8	370	12	< 2	2	29	0.10	< 10	< 10	44	< 10	138
6000E 4475N	201 229	< 1	0.04	18	400	16	< 2	8	52	0.11	< 10	10	64	10	118
6000E 4500N	201 229	< 1	0.02	8	830	14	< 2	2	19	0.07	< 10	< 10	50	10	112
6000E 4525N	201 229	< 1	0.02	8	720	10	< 2	2	17	0.08	< 10	< 10	49	< 10	90
6000E 4550N	201 229	1	0.02	7	730	4	< 2	2	18	0.08	< 10	< 10	50	< 10	58
6000E 4575N	201 229	< 1	0.02	9	260	4	< 2	2	24	0.10	< 10	< 10	38	< 10	64
6000E 4600N	201 229	< 1	0.03	13	420	12	< 2	4	45	0.09	< 10	< 10	53	10	130
6000E 4625N	201 229	2	0.02	13	600	8	< 2	3	39	0.10	< 10	< 10	53	10	118
6000E 4650N	201 229	1	0.03	14	830	6	< 2	7	50	0.08	< 10	< 10	45	10	72
6000E 4675N	201 229	< 1	0.02	8	660	2	< 2	2	26	0.11	< 10	< 10	62	10	64
6000E 4700N	201 229	1	0.02	7	890	14	< 2	2	13	0.07	< 10	< 10	43	10	124
6000E 4725N	201 229	1	0.02	6	500	4	< 2	2	29	0.03	< 10	< 10	14	< 10	20
6000E 4750N	201 229	< 1	0.02	7	160	8	< 2	2	30	0.09	< 10	< 10	51	< 10	56
6000E 4775N	201 229	2	0.03	7	210	14	< 2	3	34	0.10	< 10	< 10	39	< 10	92
6000E 4800N	201 229	< 1	0.03	7	250	8	< 2	2	23	0.10	< 10	< 10	47	10	142
6000E 4825N	201 229	1	0.02	5	360	12	< 2	2	18	0.08	< 10	< 10	40	10	142
6000E 4850N	201 229	1	0.01	6	810	24	< 2	1	14	0.07	< 10	< 10	46	10	212
6000E 4875N	201 229	1	0.02	8	220	14	< 2	3	29	0.12	< 10	< 10	37	< 10	184
6000E 4900N	201 229	1	0.03	8	240	14	< 2	2	25	0.09	< 10	< 10	48	10	246
6000E 4925N	201 229	1	0.02	7	910	8	< 2	1	14	0.10	< 10	< 10	49	10	210
6000E 4950N	201 229	1	0.02	8	720	6	< 2	2	23	0.10	< 10	< 10	46	10	208
6000E 4975N	201 229	1	0.02	8	800	12	< 2	2	23	0.08	< 10	< 10	41	10	154
6000E 5000N	201 229	< 1	0.03	9	140	10	2	2	32	0.11	< 10	< 10	41	10	90
460673	201 229	4	0.02	12	1070	58	4	4	106	0.07	< 10	10	86	20	836
460674	201 229	1	0.02	9	1310	38	2	3	123	0.06	< 10	< 10	67	10	532
460676	201 229	< 1	0.02	7	710	20	2	2	65	0.08	< 10	< 10	67	< 10	444
460677	201 229	1	0.02	12	940	32	< 2	3	129	0.06	< 10	< 10	61	10	694

CERTIFICATION:

Tony Drescher



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9323218

Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE

A9323218

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O.#:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	5	Geochem ring to approx 150 mesh 0-15 lb crush and split ICP - AQ Digestion charge
274	5	
229	5	

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



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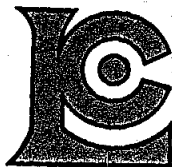
Project: SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS

A9323218

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
460601	205	274	< 5	2.4	2.95	16	200	< 0.5	4	0.40	0.5	22	119	279	10.20	20	< 1	0.14	20	1.64	1635
460669	205	274	< 5	2.4	0.58	2	130	< 0.5	8	0.03	< 0.5	3	247	89	7.71	20	< 1	0.37	70	0.12	85
460670	205	274	< 5	1.0	0.76	22	460	< 0.5	6	0.42	< 0.5	11	93	190	6.19	10	< 1	0.40	20	0.94	1450
460671	205	274	< 5	1.4	1.06	4	270	< 0.5	2	0.43	0.5	10	135	428	7.43	10	< 1	0.41	10	0.37	2890
460672	205	274	< 5	7.0	3.54	12	140	< 0.5	26	0.16	0.5	28	80	4870	12.85	20	< 1	0.08	10	1.88	1720

CERTIFICATION: Jan Buehler



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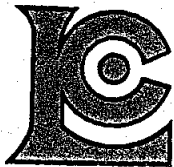
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CERTIFICATE OF ANALYSIS A9323218

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
460601	205	274	2	0.04	24	2160	500	< 2	9	19	0.02	< 10	< 10	120	< 10	1010
460669	205	274	3	< 0.01	10	400	226	< 2	1	9	< 0.01	< 10	< 10	9	< 10	220
460670	205	274	4	0.06	13	880	28	< 2	7	32	< 0.01	< 10	< 10	65	< 10	346
460671	205	274	4	0.07	4	890	122	< 2	7	34	< 0.01	< 10	< 10	73	< 10	984
460672	205	274	3	0.03	4	950	128	< 2	13	10	0.02	< 10	< 10	112	< 10	520

CERTIFICATION:

Hart Buchler



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CERTIFICATE

A9323217

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 26-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	122	Dry, sieve to -80 mesh
229	122	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	122	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	122	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	122	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	122	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	122	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	122	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	122	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	122	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	122	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	122	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	122	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	122	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	122	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	122	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	122	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	122	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	122	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	122	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	122	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	122	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	122	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	122	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	122	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	122	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	122	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	122	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	122	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	122	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	122	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	122	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	122	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	122	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	122	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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CERTIFICATE OF ANALYSIS A9323217

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
5400E 3500N	201 229	< 5	0.2	1.20	6	140	< 0.5	< 2	0.16	< 0.5	2	6	13	1.87	< 10	< 1	0.11	10	0.09	340
5400E 3525N	201 229	< 5	1.4	1.45	2	200	0.5	< 2	0.29	0.5	3	7	20	2.00	10	< 1	0.12	50	0.10	465
5400E 3550N	201 229	< 5	0.2	1.35	12	190	< 0.5	< 2	0.21	< 0.5	2	6	8	1.17	< 10	< 1	0.10	< 10	0.10	795
5400E 3575N	201 229	< 5	0.2	1.07	4	170	< 0.5	< 2	0.14	< 0.5	2	4	8	1.20	< 10	< 1	0.09	10	0.09	520
5400E 3600N	201 229	< 5	0.2	1.12	8	170	< 0.5	< 2	0.18	< 0.5	2	6	9	1.23	< 10	< 1	0.07	10	0.09	520
5400E 3625N	201 229	20	0.2	1.45	8	170	< 0.5	< 2	0.13	< 0.5	3	7	12	1.41	10	< 1	0.07	10	0.12	300
5400E 3650N	201 229	< 5	0.4	1.55	14	120	< 0.5	< 2	0.17	< 0.5	2	9	12	1.37	< 10	< 1	0.06	10	0.12	295
5400E 3675N	201 229	< 5	0.2	1.15	4	110	< 0.5	< 2	0.22	< 0.5	2	10	8	1.29	< 10	< 1	0.06	10	0.11	190
5400E 3700N	201 229	< 5	0.2	2.18	4	130	0.5	< 2	0.20	< 0.5	3	10	11	1.95	10	< 1	0.06	10	0.14	345
5400E 3725N	201 229	< 5	0.2	1.97	6	120	0.5	< 2	0.17	< 0.5	4	10	13	1.70	10	< 1	0.07	10	0.15	385
5400E 3750N	201 229	< 5	0.2	1.84	16	140	0.5	< 2	0.19	< 0.5	3	8	11	1.48	10	< 1	0.06	10	0.12	305
5400E 3775N	201 229	10	0.8	1.05	4	130	0.5	< 2	0.25	< 0.5	2	12	14	1.31	10	< 1	0.08	80	0.11	200
5400E 3800N	201 229	< 5	0.6	1.50	8	140	0.5	< 2	0.18	< 0.5	3	9	9	1.46	10	< 1	0.08	10	0.12	255
5400E 3825N	201 229	< 5	0.4	2.11	8	190	0.5	< 2	0.20	< 0.5	3	8	11	1.55	10	< 1	0.06	20	0.11	530
5400E 3850N	201 229	< 5	0.2	1.53	< 2	140	0.5	< 2	0.20	0.5	2	9	9	1.31	< 10	< 1	0.06	10	0.11	335
5400E 3875N	201 229	< 5	0.6	1.81	< 2	130	< 0.5	< 2	0.18	0.5	4	12	13	1.90	10	< 1	0.05	10	0.19	295
5400E 3900N	201 229	< 5	0.4	1.99	4	200	0.5	< 2	0.19	< 0.5	3	13	15	1.94	10	< 1	0.06	70	0.16	335
5400E 3925N	201 229	< 5	1.6	2.26	4	220	1.5	< 2	0.38	< 0.5	4	20	22	2.14	20	< 1	0.07	180	0.18	480
5400E 3950N	201 229	20	0.2	1.29	2	120	0.5	< 2	0.27	< 0.5	2	16	17	1.81	10	< 1	0.07	70	0.23	350
5400E 3975N	201 229	< 5	< 0.2	1.98	6	130	0.5	< 2	0.16	< 0.5	4	9	14	1.77	10	< 1	0.05	10	0.15	455
5400E 4000N	201 229	< 5	0.2	1.21	< 2	120	0.5	< 2	0.15	< 0.5	3	10	10	1.45	10	< 1	0.07	30	0.15	350
5400E 4025N	201 229	< 5	0.2	1.07	< 2	130	0.5	< 2	0.16	< 0.5	3	10	8	1.39	10	< 1	0.04	40	0.11	300
5400E 4050N	201 229	< 5	< 0.2	1.63	< 2	140	0.5	< 2	0.25	< 0.5	4	15	15	1.90	10	< 1	0.06	30	0.19	215
5400E 4075N	201 229	< 5	0.2	1.60	< 2	120	0.5	< 2	0.13	0.5	2	8	11	1.67	10	< 1	0.06	20	0.11	285
5400E 4100N	201 229	< 5	< 0.2	1.30	6	120	0.5	< 2	0.11	< 0.5	1	7	18	1.03	10	< 1	0.05	10	0.08	65
5400E 4125N	201 229	< 5	0.4	1.69	< 2	150	0.5	< 2	0.16	< 0.5	1	4	11	1.04	10	< 1	0.05	10	0.11	245
5400E 4150N	201 229	15	0.4	1.10	4	170	0.5	< 2	0.16	< 0.5	1	7	16	0.82	10	< 1	0.07	40	0.10	135
5400E 4175N	201 229	< 5	0.6	1.69	< 2	250	0.5	< 2	0.28	0.5	3	10	38	1.44	10	< 1	0.10	70	0.18	475
5400E 4200N	201 229	30	0.4	1.26	8	220	0.5	< 2	0.19	< 0.5	3	9	27	1.85	< 10	< 1	0.10	10	0.12	390
5400E 4225N	201 229	< 5	1.8	1.29	14	190	2.0	< 2	0.30	1.5	6	20	232	2.49	30	< 1	0.20	270	0.19	2020
5400E 4250N	201 229	< 5	< 0.2	1.29	< 2	120	< 0.5	< 2	0.24	0.5	2	14	12	1.85	< 10	< 1	0.10	20	0.16	165
5400E 4275N	201 229	< 5	1.0	1.02	2	120	0.5	< 2	0.25	0.5	2	10	90	2.42	10	< 1	0.17	60	0.16	495
5400E 4300N	201 229	< 5	0.4	1.68	< 2	110	0.5	< 2	0.20	< 0.5	5	13	22	2.45	10	< 1	0.08	40	0.17	360
5400E 4325N	201 229	< 5	0.4	1.65	< 2	140	0.5	< 2	0.09	0.5	2	7	24	1.84	10	< 1	0.05	20	0.10	115
5400E 4350N	201 229	65	3.0	1.52	8	200	1.0	< 2	0.19	< 0.5	2	13	123	2.01	20	< 1	0.09	170	0.11	270
5400E 4375N	201 229	< 5	0.6	1.41	8	140	0.5	< 2	0.39	< 0.5	7	20	106	2.64	10	< 1	0.05	10	0.31	410
5400E 4400N	201 229	< 5	< 0.2	1.01	2	100	< 0.5	< 2	0.26	< 0.5	4	15	29	2.10	< 10	< 1	0.07	< 10	0.25	200
5400E 4425N	201 229	< 5	< 0.2	0.86	2	70	< 0.5	< 2	0.25	< 0.5	4	15	28	1.93	< 10	< 1	0.07	< 10	0.24	185
5400E 4450N	201 229	< 5	0.2	1.03	< 2	90	< 0.5	< 2	0.25	< 0.5	5	14	30	2.03	< 10	< 1	0.06	< 10	0.26	190
5400E 4475N	201 229	< 5	0.2	1.30	< 2	90	< 0.5	< 2	0.37	0.5	5	17	38	2.23	< 10	< 1	0.06	10	0.26	250

CERTIFICATION: *Stuart Buchler*



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CERTIFICATE OF ANALYSIS A9323217

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
5400E 3500N	201 229	2	0.02	2	280	52	< 2	1	22	0.02	< 10	< 10	23	< 10	366
5400E 3525N	201 229	2	0.02	3	290	80	2	1	44	0.01	< 10	< 10	18	< 10	566
5400E 3550N	201 229	1	0.02	3	580	28	< 2	< 1	20	0.02	< 10	< 10	17	< 10	246
5400E 3575N	201 229	< 1	0.01	1	360	28	< 2	< 1	16	0.01	< 10	< 10	14	< 10	298
5400E 3600N	201 229	< 1	0.02	3	460	36	< 2	1	20	0.02	< 10	< 10	19	< 10	284
5400E 3625N	201 229	1	0.02	4	600	38	< 2	1	18	0.04	< 10	< 10	27	< 10	262
5400E 3650N	201 229	1	0.03	4	710	50	< 2	1	17	0.06	< 10	< 10	31	< 10	348
5400E 3675N	201 229	< 1	0.02	4	390	24	< 2	1	28	0.05	< 10	< 10	32	< 10	250
5400E 3700N	201 229	1	0.04	6	920	18	< 2	1	24	0.09	< 10	< 10	46	< 10	152
5400E 3725N	201 229	1	0.03	6	620	44	< 2	1	19	0.07	< 10	< 10	40	< 10	138
5400E 3750N	201 229	2	0.03	4	740	30	< 2	1	23	0.07	< 10	< 10	33	< 10	200
5400E 3775N	201 229	1	0.03	2	160	38	< 2	2	31	0.05	< 10	< 10	33	< 10	202
5400E 3800N	201 229	< 1	0.03	5	700	30	< 2	1	21	0.06	< 10	< 10	35	< 10	258
5400E 3825N	201 229	< 1	0.03	4	690	24	< 2	1	25	0.07	< 10	< 10	33	< 10	260
5400E 3850N	201 229	< 1	0.03	4	490	34	< 2	1	19	0.04	< 10	< 10	30	< 10	204
5400E 3875N	201 229	< 1	0.03	8	820	34	< 2	1	19	0.11	< 10	< 10	48	< 10	278
5400E 3900N	201 229	1	0.03	7	290	54	< 2	1	28	0.10	< 10	< 10	47	< 10	288
5400E 3925N	201 229	1	0.02	7	270	84	< 2	4	55	0.08	< 10	20	47	< 10	284
5400E 3950N	201 229	< 1	0.02	7	240	144	< 2	1	33	0.07	< 10	< 10	46	< 10	330
5400E 3975N	201 229	< 1	0.02	7	810	138	< 2	1	14	0.07	< 10	< 10	39	< 10	314
5400E 4000N	201 229	2	0.01	5	260	62	< 2	1	27	0.04	< 10	< 10	34	< 10	156
5400E 4025N	201 229	< 1	0.01	3	220	106	< 2	1	20	0.05	< 10	< 10	37	< 10	194
5400E 4050N	201 229	1	0.02	8	540	56	< 2	2	30	0.09	< 10	< 10	50	< 10	202
5400E 4075N	201 229	1	0.02	3	290	172	< 2	1	15	0.06	< 10	< 10	38	< 10	644
5400E 4100N	201 229	< 1	0.02	2	170	244	< 2	< 1	13	0.01	< 10	< 10	15	< 10	374
5400E 4125N	201 229	< 1	0.02	3	500	40	< 2	1	19	0.02	< 10	< 10	15	< 10	880
5400E 4150N	201 229	< 1	0.02	1	100	38	< 2	1	23	0.01	< 10	< 10	13	< 10	550
5400E 4175N	201 229	1	0.03	7	850	62	< 2	1	37	0.02	< 10	< 10	20	< 10	890
5400E 4200N	201 229	< 1	0.02	6	350	42	< 2	1	23	0.04	< 10	< 10	32	< 10	526
5400E 4225N	201 229	4	0.01	11	370	132	< 2	4	48	0.03	10	10	33	< 10	1125
5400E 4250N	201 229	< 1	0.02	4	160	24	< 2	1	22	0.08	< 10	< 10	47	< 10	676
5400E 4275N	201 229	2	0.01	3	300	176	< 2	2	27	0.04	< 10	< 10	31	< 10	968
5400E 4300N	201 229	2	0.01	5	280	110	< 2	1	20	0.06	< 10	< 10	44	< 10	648
5400E 4325N	201 229	1	0.02	3	170	44	< 2	1	13	0.06	< 10	< 10	39	< 10	680
5400E 4350N	201 229	4	0.02	3	500	1390	< 2	1	24	0.04	< 10	< 10	34	< 10	890
5400E 4375N	201 229	2	0.02	10	300	38	2	3	33	0.09	< 10	< 10	65	< 10	234
5400E 4400N	201 229	< 1	0.01	6	620	20	< 2	2	17	0.07	< 10	< 10	54	< 10	136
5400E 4425N	201 229	< 1	0.01	7	430	18	< 2	2	17	0.07	< 10	< 10	50	< 10	106
5400E 4450N	201 229	< 1	0.02	7	530	10	< 2	2	18	0.07	< 10	< 10	53	< 10	120
5400E 4475N	201 229	< 1	0.02	6	1270	24	< 2	2	26	0.08	< 10	< 10	55	< 10	178

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

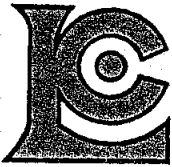
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P.O. Number :
Account :KAR

Project : SIWASH
Comments : ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323217

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
5400E 4500N	201 229	< 5	0.4	1.65	< 2	260	< 0.5	< 2	0.38	< 0.5	5	19	43	1.92	10	< 1	0.09	10	0.23	235
5400E 4525N	201 229	< 5	< 0.2	1.39	2	170	< 0.5	< 2	0.30	< 0.5	4	16	22	2.07	< 10	< 1	0.09	10	0.23	250
5400E 4550N	201 229	35	0.2	1.34	< 2	130	< 0.5	< 2	0.32	< 0.5	5	18	34	2.27	< 10	< 1	0.09	10	0.26	280
5400E 4575N	201 229	< 5	< 0.2	1.18	12	120	< 0.5	< 2	0.34	< 0.5	6	17	37	2.32	< 10	< 1	0.09	10	0.27	260
5400E 4600N	201 229	5	0.4	1.52	4	180	< 0.5	2	0.28	< 0.5	6	20	28	2.12	< 10	< 1	0.11	< 10	0.27	265
5400E 4625N	201 229	< 5	< 0.2	1.25	4	100	< 0.5	< 2	0.31	< 0.5	6	23	40	2.44	< 10	< 1	0.11	< 10	0.31	205
5400E 4650N	201 229	15	< 0.2	0.96	< 2	90	< 0.5	< 2	0.27	< 0.5	5	18	39	2.22	< 10	< 1	0.08	< 10	0.28	170
5400E 4675N	201 229	< 5	0.2	0.94	4	90	< 0.5	4	0.32	< 0.5	5	17	76	2.63	< 10	< 1	0.10	10	0.31	265
5400E 4700N	201 229	< 5	0.6	1.32	< 2	130	< 0.5	26	0.23	0.5	5	15	132	2.95	< 10	< 1	0.09	10	0.29	500
5400E 4725N	201 229	25	< 0.2	1.14	8	120	< 0.5	4	0.31	< 0.5	5	24	108	2.87	< 10	< 1	0.11	10	0.35	285
5400E 4750N	201 229	< 5	0.4	1.97	6	590	0.5	< 2	0.54	< 0.5	5	17	76	3.23	10	< 1	0.12	90	0.24	2020
5400E 4775N	201 229	< 5	0.6	1.65	< 2	150	< 0.5	< 2	0.35	0.5	7	17	151	3.06	10	< 1	0.11	10	0.32	545
5400E 4800N	201 229	< 5	0.6	1.64	< 2	140	< 0.5	< 2	0.36	0.5	6	18	176	2.92	< 10	< 1	0.10	10	0.34	420
5400E 4825N	201 229	< 5	0.6	1.96	6	160	< 0.5	2	0.33	< 0.5	8	16	168	3.00	10	< 1	0.12	< 10	0.23	325
5400E 4850N	201 229	15	0.8	1.79	6	190	< 0.5	2	0.45	0.5	11	21	166	3.68	10	< 1	0.14	10	0.54	575
5400E 4875N	201 229	< 5	1.2	1.78	16	340	< 0.5	30	0.24	< 0.5	7	23	334	4.62	10	< 1	0.15	10	0.36	435
5400E 4900N	201 229	25	1.0	1.35	10	400	< 0.5	20	0.38	0.5	7	15	336	4.77	10	< 1	0.15	10	0.23	430
5400E 4925N	201 229	10	0.8	2.06	12	250	< 0.5	< 2	0.50	< 0.5	8	22	145	2.90	10	< 1	0.11	20	0.37	710
5400E 4950N	201 229	30	0.2	1.43	16	120	< 0.5	< 2	0.33	< 0.5	8	25	90	3.17	< 10	< 1	0.08	10	0.39	420
5400E 4975N	201 229	255	0.4	1.70	2	190	< 0.5	< 2	0.48	0.5	7	16	55	2.33	< 10	< 1	0.09	< 10	0.23	1965
5400E 5000N	201 229	< 5	0.4	1.24	< 2	110	< 0.5	2	0.30	< 0.5	8	19	74	2.46	10	< 1	0.11	10	0.37	320
5600E 3500N	201 229	< 5	0.4	1.49	12	170	< 0.5	< 2	0.23	< 0.5	3	9	19	1.80	10	< 1	0.11	20	0.15	440
5600E 3525N	201 229	< 5	0.2	1.24	2	130	< 0.5	< 2	0.20	< 0.5	4	11	17	1.70	< 10	< 1	0.07	10	0.14	305
5600E 3550N	201 229	< 5	0.4	1.08	< 2	110	< 0.5	< 2	0.17	< 0.5	3	9	14	1.42	< 10	< 1	0.06	10	0.09	235
5600E 3575N	201 229	< 5	4.4	2.88	< 2	200	1.0	4	0.60	2.0	3	17	167	2.61	20	< 1	0.10	130	0.20	760
5600E 3600N	201 229	< 5	1.4	1.69	< 2	190	< 0.5	2	0.12	< 0.5	2	8	108	2.13	10	< 1	0.08	20	0.13	290
5600E 3625N	201 229	< 5	1.6	2.07	6	140	< 0.5	2	0.22	< 0.5	3	11	51	1.96	10	< 1	0.07	10	0.16	220
5600E 3650N	201 229	< 5	< 0.2	1.10	8	110	< 0.5	< 2	0.22	< 0.5	2	8	12	1.41	< 10	< 1	0.10	20	0.12	305
5600E 3675N	201 229	< 5	0.2	1.44	< 2	110	< 0.5	< 2	0.17	< 0.5	4	9	9	1.68	< 10	< 1	0.07	10	0.13	335
5600E 3700N	201 229	< 5	0.2	1.86	< 2	140	< 0.5	< 2	0.36	1.5	4	16	52	1.92	10	< 1	0.06	60	0.24	560
5600E 3725N	201 229	40	0.4	1.87	< 2	120	< 0.5	< 2	0.24	1.0	5	17	36	1.85	< 10	< 1	0.05	20	0.23	265
5600E 3750N	201 229	50	0.2	1.67	< 2	130	< 0.5	< 2	0.34	1.0	4	22	80	2.04	10	< 1	0.07	70	0.26	340
5600E 3775N	201 229	< 5	1.4	2.04	10	110	< 0.5	4	0.20	< 0.5	4	14	50	1.98	10	< 1	0.06	40	0.16	310
5600E 3800N	201 229	< 5	0.2	2.06	< 2	130	< 0.5	< 2	0.21	0.5	3	13	26	1.95	10	< 1	0.06	20	0.20	335
5600E 3825N	201 229	< 5	0.2	2.48	16	90	< 0.5	< 2	0.16	< 0.5	5	16	22	2.16	10	< 1	0.03	10	0.19	225
5600E 3850N	201 229	< 5	0.2	1.90	< 2	110	< 0.5	< 2	0.14	< 0.5	6	14	45	1.90	10	< 1	0.04	20	0.20	320
5600E 3875N	201 229	< 5	0.4	1.37	< 2	120	< 0.5	< 2	0.12	< 0.5	2	7	13	1.37	< 10	< 1	0.04	< 10	0.09	285
5600E 3900N	201 229	< 5	0.4	1.40	4	100	< 0.5	< 2	0.09	< 0.5	4	10	31	1.65	< 10	< 1	0.03	20	0.12	190
5600E 3925N	201 229	< 5	0.2	1.76	6	120	< 0.5	< 2	0.15	< 0.5	4	14	24	1.83	10	< 1	0.03	20	0.17	350
5600E 3950N	201 229	20	0.2	1.32	< 2	100	< 0.5	< 2	0.19	< 0.5	4	12	18	1.41	< 10	< 1	0.03	20	0.17	120

CERTIFICATION: *Tony Drescher*



Chemex Labs Ltd.

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To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
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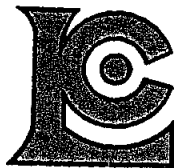
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Project : SIWASH
 Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323217

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
5400E 4500N	201 229	1	0.03	9	430	30	< 2	3	29	0.08	< 10	10	43	< 10	256
5400E 4525N	201 229	< 1	0.02	7	380	22	< 2	2	23	0.10	< 10	< 10	51	< 10	234
5400E 4550N	201 229	< 1	0.02	7	850	26	< 2	2	23	0.10	< 10	< 10	58	< 10	232
5400E 4575N	201 229	1	0.02	6	720	24	< 2	2	26	0.10	< 10	< 10	62	< 10	162
5400E 4600N	201 229	< 1	0.02	10	530	24	< 2	2	22	0.10	< 10	< 10	53	< 10	178
5400E 4625N	201 229	< 1	0.01	10	580	24	< 2	2	22	0.10	< 10	< 10	65	< 10	142
5400E 4650N	201 229	< 1	0.01	8	420	28	< 2	2	19	0.09	< 10	< 10	61	< 10	134
5400E 4675N	201 229	1	0.01	6	590	46	< 2	3	22	0.09	< 10	< 10	64	< 10	170
5400E 4700N	201 229	1	0.02	7	730	62	< 2	2	21	0.07	< 10	< 10	54	< 10	316
5400E 4725N	201 229	1	0.01	9	610	52	< 2	2	23	0.08	< 10	< 10	60	< 10	224
5400E 4750N	201 229	1	0.01	6	490	36	< 2	5	41	0.04	< 10	< 10	36	< 10	530
5400E 4775N	201 229	1	0.02	9	490	78	< 2	2	22	0.08	< 10	< 10	61	< 10	508
5400E 4800N	201 229	1	0.02	9	460	92	< 2	2	24	0.08	< 10	< 10	55	< 10	574
5400E 4825N	201 229	2	0.02	8	390	76	< 2	2	24	0.09	< 10	< 10	48	< 10	648
5400E 4850N	201 229	1	0.01	10	490	80	< 2	4	33	0.11	< 10	< 10	81	< 10	366
5400E 4875N	201 229	3	0.02	7	820	154	< 2	3	33	0.07	< 10	< 10	65	< 10	350
5400E 4900N	201 229	3	0.02	7	450	120	< 2	3	66	0.06	< 10	< 10	59	< 10	736
5400E 4925N	201 229	1	0.02	12	340	58	< 2	4	72	0.09	< 10	< 10	59	< 10	390
5400E 4950N	201 229	1	0.01	11	450	66	< 2	4	31	0.11	< 10	< 10	71	< 10	440
5400E 4975N	201 229	2	0.02	7	710	36	< 2	2	45	0.09	< 10	< 10	53	< 10	442
5400E 5000N	201 229	1	0.01	9	220	46	< 2	3	17	0.08	< 10	< 10	62	< 10	354
5600E 3500N	201 229	1	0.02	4	290	42	< 2	1	25	0.05	< 10	< 10	36	< 10	488
5600E 3525N	201 229	< 1	0.01	4	440	26	< 2	1	18	0.06	< 10	< 10	42	< 10	230
5600E 3550N	201 229	< 1	0.01	3	550	22	< 2	1	16	0.03	< 10	< 10	30	< 10	398
5600E 3575N	201 229	2	0.02	8	370	66	< 2	4	70	0.06	< 10	10	41	20	3570
5600E 3600N	201 229	< 1	0.02	3	460	82	< 2	1	16	0.02	< 10	< 10	28	< 10	454
5600E 3625N	201 229	< 1	0.02	6	370	70	< 2	1	28	0.06	< 10	< 10	38	< 10	1655
5600E 3650N	201 229	< 1	0.02	3	570	50	< 2	1	23	0.03	< 10	< 10	27	< 10	504
5600E 3675N	201 229	< 1	0.02	2	490	46	< 2	1	19	0.04	< 10	< 10	38	< 10	464
5600E 3700N	201 229	< 1	0.02	8	290	54	< 2	3	38	0.06	< 10	10	44	10	3030
5600E 3725N	201 229	1	0.02	7	540	34	< 2	2	21	0.08	< 10	< 10	46	< 10	1910
5600E 3750N	201 229	1	0.02	7	290	44	< 2	2	28	0.10	< 10	< 10	52	< 10	3080
5600E 3775N	201 229	< 1	0.02	5	550	102	< 2	1	17	0.09	< 10	< 10	50	< 10	1085
5600E 3800N	201 229	< 1	0.02	6	760	108	< 2	1	16	0.08	< 10	< 10	47	< 10	582
5600E 3825N	201 229	1	0.02	6	800	38	< 2	2	14	0.11	< 10	< 10	55	< 10	368
5600E 3850N	201 229	1	0.01	6	770	34	< 2	1	12	0.08	< 10	< 10	46	< 10	724
5600E 3875N	201 229	1	0.01	3	710	20	< 2	< 1	10	0.03	< 10	< 10	32	< 10	482
5600E 3900N	201 229	1	0.01	4	750	42	< 2	1	10	0.04	< 10	< 10	36	< 10	488
5600E 3925N	201 229	< 1	0.01	5	630	48	< 2	1	15	0.06	< 10	< 10	44	< 10	634
5600E 3950N	201 229	< 1	0.01	5	200	24	< 2	1	18	0.07	< 10	< 10	36	< 10	528

CERTIFICATION: *Anthony Buchler*



Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9323217

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
5600E 3975N	201 229	< 5	0.4	1.22	4	130	< 0.5	< 2	0.12	< 0.5	4	11	28	1.53	< 10	< 1	0.04	30	0.13	205
5600E 4000N	201 229	< 5	0.2	1.04	< 2	120	< 0.5	< 2	0.24	< 0.5	2	11	46	1.31	< 10	< 1	0.04	20	0.21	315
5600E 4025N	201 229	< 5	1.2	2.21	< 2	180	< 0.5	< 2	0.18	0.5	4	12	138	1.88	10	< 1	0.06	50	0.16	360
5600E 4050N	201 229	< 5	0.6	2.26	< 2	180	< 0.5	2	0.13	0.5	3	12	55	2.27	10	< 1	0.04	40	0.14	405
5600E 4075N	201 229	< 5	3.6	1.08	4	170	< 0.5	20	0.23	< 0.5	2	13	60	1.78	< 10	< 1	0.06	20	0.17	155
5600E 4100N	201 229	< 5	1.8	2.62	4	180	< 0.5	4	0.15	0.5	4	11	84	2.16	10	< 1	0.05	20	0.16	330
5600E 4125N	201 229	25	0.6	1.51	< 2	130	< 0.5	< 2	0.18	0.5	4	15	93	1.75	10	< 1	0.05	100	0.19	345
5600E 4150N	201 229	< 5	0.8	1.32	6	130	< 0.5	< 2	0.10	< 0.5	2	8	91	1.33	10	< 1	0.06	30	0.07	245
5600E 4175N	201 229	< 5	0.8	1.53	2	120	< 0.5	< 2	0.09	< 0.5	3	9	146	1.57	10	< 1	0.04	40	0.10	365
5600E 4200N	201 229	< 5	1.4	1.01	4	140	< 0.5	< 2	0.29	< 0.5	3	14	143	1.47	10	< 1	0.07	90	0.19	225
5600E 4225N	201 229	< 5	0.2	1.25	2	80	< 0.5	< 2	0.11	< 0.5	3	11	17	1.74	< 10	< 1	0.04	10	0.15	115
5600E 4250N	201 229	< 5	0.2	1.01	12	90	< 0.5	< 2	0.21	< 0.5	5	19	27	2.18	< 10	< 1	0.04	< 10	0.28	215
5600E 4275N	201 229	< 5	0.2	1.08	4	120	< 0.5	< 2	0.28	< 0.5	6	17	30	2.08	< 10	< 1	0.06	10	0.33	235
5600E 4300N	201 229	< 5	< 0.2	1.23	< 2	120	< 0.5	2	0.16	0.5	4	12	21	1.96	< 10	< 1	0.06	10	0.15	225
5600E 4325N	201 229	< 5	0.2	1.68	< 2	120	< 0.5	< 2	0.14	0.5	4	12	19	2.22	< 10	< 1	0.06	10	0.17	385
5600E 4350N	201 229	< 5	0.2	1.60	< 2	120	< 0.5	< 2	0.31	< 0.5	6	20	28	2.37	< 10	< 1	0.07	< 10	0.30	300
5600E 4375N	201 229	< 5	0.4	1.48	4	120	< 0.5	< 2	0.33	< 0.5	6	17	27	2.33	< 10	< 1	0.07	< 10	0.29	260
5600E 4400N	201 229	< 5	0.6	2.59	< 2	220	< 0.5	< 2	0.54	< 0.5	7	27	76	3.01	10	< 1	0.09	10	0.42	405
5600E 4425N	201 229	10	0.2	1.23	2	120	< 0.5	4	0.36	< 0.5	3	19	39	1.78	< 10	< 1	0.05	< 10	0.31	190
5600E 4450N	201 229	< 5	< 0.2	0.99	6	100	< 0.5	< 2	0.52	< 0.5	5	19	39	2.03	< 10	< 1	0.08	10	0.32	260
5600E 4475N	201 229	< 5	< 0.2	1.22	< 2	90	< 0.5	< 2	0.31	< 0.5	4	19	43	2.18	< 10	< 1	0.06	< 10	0.28	160
5600E 4500N	201 229	< 5	< 0.2	0.81	8	80	< 0.5	< 2	0.18	< 0.5	3	12	19	1.22	< 10	< 1	0.03	< 10	0.18	145
5600E 4525N	201 229	< 5	0.2	0.91	< 2	90	< 0.5	< 2	0.21	< 0.5	4	14	31	1.45	< 10	< 1	0.04	< 10	0.22	190
5600E 4550N	201 229	< 5	< 0.2	0.99	4	120	< 0.5	2	0.19	< 0.5	6	16	31	1.71	< 10	< 1	0.04	< 10	0.22	140
5600E 4575N	201 229	< 5	0.4	1.50	< 2	100	< 0.5	< 2	0.17	< 0.5	6	15	40	2.02	< 10	< 1	0.04	< 10	0.19	380
5600E 4600N	201 229	< 5	0.2	1.57	< 2	130	< 0.5	< 2	0.20	0.5	7	14	50	2.11	< 10	< 1	0.06	< 10	0.21	305
5600E 4625N	201 229	< 5	0.4	1.44	6	100	< 0.5	2	0.23	< 0.5	8	24	162	2.62	< 10	< 1	0.07	< 10	0.34	545
5600E 4650N	201 229	< 5	0.8	1.37	6	150	< 0.5	4	0.32	< 0.5	6	20	116	2.44	10	< 1	0.07	10	0.25	255
5600E 4675N	201 229	< 5	0.2	1.48	2	110	< 0.5	2	0.22	< 0.5	6	16	35	2.31	< 10	< 1	0.07	< 10	0.21	450
5600E 4700N	201 229	< 5	0.2	1.40	< 2	130	< 0.5	< 2	0.23	< 0.5	6	19	38	2.31	< 10	< 1	0.06	< 10	0.27	210
5600E 4725N	201 229	< 5	0.2	1.68	2	130	< 0.5	< 2	0.19	< 0.5	7	14	34	2.08	< 10	< 1	0.05	< 10	0.22	375
5600E 4750N	201 229	< 5	0.2	1.47	< 2	130	< 0.5	4	0.19	< 0.5	6	15	43	2.17	< 10	< 1	0.07	< 10	0.26	260
5600E 4775N	201 229	< 5	0.2	1.67	< 2	130	< 0.5	< 2	0.19	< 0.5	6	16	38	2.13	< 10	< 1	0.07	< 10	0.27	390
5600E 4800N	201 229	< 5	0.4	1.73	< 2	130	< 0.5	< 2	0.20	< 0.5	7	17	52	2.15	< 10	< 1	0.06	< 10	0.26	295
5600E 4825N	201 229	< 5	0.4	2.05	14	170	< 0.5	2	0.23	< 0.5	8	19	40	2.13	10	< 1	0.07	< 10	0.29	440
5600E 4850N	201 229	< 5	0.2	1.43	< 2	100	< 0.5	< 2	0.29	< 0.5	5	23	39	2.14	< 10	< 1	0.06	< 10	0.29	250
5600E 4875N	201 229	< 5	0.2	1.76	6	130	< 0.5	< 2	0.32	< 0.5	7	32	54	2.47	< 10	< 1	0.08	< 10	0.46	480
5600E 4900N	201 229	< 5	0.4	2.05	< 2	140	< 0.5	< 2	0.21	< 0.5	8	30	111	2.42	< 10	< 1	0.06	< 10	0.36	390
5600E 4925N	201 229	< 5	< 0.2	1.45	< 2	90	< 0.5	8	0.20	< 0.5	9	39	78	2.39	< 10	< 1	0.08	< 10	0.56	190
5600E 4950N	201 229	< 5	0.2	1.76	< 2	150	< 0.5	6	0.23	< 0.5	9	47	39	2.45	< 10	< 1	0.15	< 10	0.72	235

CERTIFICATION: *Tony Drescher*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

**

Page Number :3-B
Total Pages :4
Certificate Date: 26-OCT-93
Invoice No. : 19323217
P.O. Number :
Account :KAR

Project : SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323217

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
5600E 3975N	201 229	< 1	0.01	4	630	48	< 2	1	12	0.03	< 10	< 10	31	< 10	486
5600E 4000N	201 229	< 1	0.01	3	220	26	< 2	1	23	0.04	< 10	< 10	30	< 10	738
5600E 4025N	201 229	< 1	0.01	4	800	146	< 2	3	29	0.06	< 10	< 10	37	< 10	596
5600E 4050N	201 229	1	0.01	5	400	104	< 2	1	18	0.07	< 10	< 10	47	< 10	588
5600E 4075N	201 229	< 1	0.02	3	250	88	< 2	1	26	0.06	< 10	< 10	42	< 10	650
5600E 4100N	201 229	1	0.02	8	490	198	< 2	1	18	0.08	< 10	< 10	44	< 10	848
5600E 4125N	201 229	< 1	0.02	4	460	44	< 2	2	17	0.05	< 10	< 10	41	< 10	834
5600E 4150N	201 229	< 1	0.01	2	310	76	< 2	1	11	0.02	< 10	< 10	24	< 10	506
5600E 4175N	201 229	< 1	0.02	4	290	104	< 2	1	11	0.03	< 10	< 10	33	< 10	550
5600E 4200N	201 229	< 1	0.01	4	210	40	< 2	2	29	0.04	< 10	< 10	35	< 10	766
5600E 4225N	201 229	1	0.01	4	500	22	< 2	1	10	0.04	< 10	< 10	40	< 10	358
5600E 4250N	201 229	< 1	0.01	6	250	18	< 2	1	18	0.07	< 10	< 10	60	< 10	304
5600E 4275N	201 229	1	0.02	7	300	18	< 2	2	25	0.07	< 10	< 10	56	< 10	188
5600E 4300N	201 229	< 1	0.01	4	620	30	< 2	1	16	0.04	< 10	< 10	40	< 10	334
5600E 4325N	201 229	< 1	0.02	5	740	28	< 2	1	13	0.06	< 10	< 10	44	< 10	544
5600E 4350N	201 229	< 1	0.02	8	440	52	< 2	2	25	0.09	< 10	< 10	57	< 10	590
5600E 4375N	201 229	1	0.02	7	280	26	< 2	2	27	0.09	< 10	< 10	58	< 10	290
5600E 4400N	201 229	< 1	0.03	14	310	30	< 2	5	51	0.11	< 10	< 10	63	< 10	270
5600E 4425N	201 229	< 1	0.02	9	230	12	< 2	2	30	0.10	< 10	< 10	46	< 10	112
5600E 4450N	201 229	< 1	0.02	7	710	24	< 2	3	36	0.08	< 10	< 10	56	< 10	108
5600E 4475N	201 229	< 1	0.02	9	710	14	< 2	2	21	0.08	< 10	< 10	56	< 10	138
5600E 4500N	201 229	< 1	0.01	4	190	18	< 2	1	15	0.06	< 10	< 10	31	< 10	102
5600E 4525N	201 229	< 1	0.01	6	210	18	< 2	1	16	0.06	< 10	< 10	37	< 10	136
5600E 4550N	201 229	< 1	0.01	6	210	24	< 2	1	16	0.06	< 10	< 10	43	< 10	162
5600E 4575N	201 229	< 1	0.01	8	1040	32	< 2	1	12	0.06	< 10	< 10	45	< 10	240
5600E 4600N	201 229	1	0.01	7	970	44	< 2	2	14	0.06	< 10	< 10	46	< 10	224
5600E 4625N	201 229	1	0.01	13	940	116	< 2	2	14	0.07	< 10	< 10	60	< 10	274
5600E 4650N	201 229	2	0.02	8	230	90	< 2	2	21	0.08	< 10	< 10	52	< 10	234
5600E 4675N	201 229	< 1	0.02	7	970	42	< 2	2	17	0.08	< 10	< 10	51	< 10	284
5600E 4700N	201 229	< 1	0.01	11	560	34	< 2	2	18	0.08	< 10	< 10	56	< 10	246
5600E 4725N	201 229	1	0.02	9	770	22	< 2	2	17	0.07	< 10	< 10	47	< 10	272
5600E 4750N	201 229	< 1	0.02	9	640	26	< 2	2	15	0.07	< 10	< 10	49	< 10	228
5600E 4775N	201 229	< 1	0.02	11	810	34	< 2	2	15	0.07	< 10	< 10	49	< 10	314
5600E 4800N	201 229	1	0.02	13	790	44	< 2	2	17	0.08	< 10	< 10	50	< 10	344
5600E 4825N	201 229	1	0.03	12	840	16	< 2	2	21	0.10	< 10	< 10	51	< 10	382
5600E 4850N	201 229	< 1	0.03	11	710	14	< 2	2	21	0.10	< 10	< 10	61	< 10	194
5600E 4875N	201 229	1	0.02	16	440	18	< 2	3	26	0.12	< 10	< 10	63	< 10	262
5600E 4900N	201 229	1	0.02	15	710	34	< 2	2	18	0.09	< 10	< 10	56	< 10	296
5600E 4925N	201 229	1	0.01	18	650	26	< 2	2	13	0.12	< 10	< 10	74	< 10	206
5600E 4950N	201 229	< 1	0.01	19	570	10	< 2	3	18	0.16	< 10	< 10	78	< 10	138

CERTIFICATION:

Anthony Buchler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
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V6B 1N4

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Certificate Date: 26-OCT-93
Invoice No. : 19323217
P.O. Number :
Account : KAR

Project : SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323217

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
5600E 4975N	201	229	< 5	0.4	2.00	8	150	< 0.5	2	0.25	< 0.5	10	39	45	2.78	10	< 1	0.10	< 10	0.59	310
5600E 5000N	201	229	< 5	< 0.2	1.09	< 2	140	< 0.5	< 2	0.32	< 0.5	4	17	44	1.73	10	< 1	0.07	20	0.28	190

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

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Page Number :4-B
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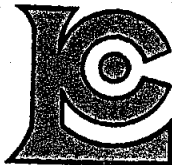
CERTIFICATE OF ANALYSIS

A9323217

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
5600E 4975N	201	229	1	0.02	17	750	20	< 2	3	21	0.12	< 10	< 10	80	< 10	192
5600E 5000N	201	229	2	0.01	4	460	16	< 2	2	29	0.05	< 10	< 10	40	< 10	202

CERTIFICATION:

Tony Drescher



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212 Brooksbank Ave., North Vancouver
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To: INTERNATIONAL TOWER HILL MINES
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711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9323131

Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE

A9323131

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	3	Geochem ring to approx 150 mesh
274	3	0-15 lb crush and split
229	3	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	3	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	3	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	3	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	3	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	3	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	3	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	3	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	3	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	3	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	3	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	3	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	3	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	3	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	3	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	3	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	3	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	3	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	3	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	3	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	3	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	3	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	3	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	3	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	3	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	3	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	3	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	3	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	3	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	3	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	3	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	3	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	3	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	3	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

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Page Number :1-A
Total Pages :1
Certificate Date: 26-OCT-93
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P.O. Number :
Account :KAR

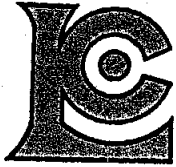
Project : SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323131

SAMPLE	PREP		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
460658	205	274	1950	88.2	0.78	56	100	0.5	8	0.06	17.0	1	191	1795	2.40	< 10	< 1	0.55	20	0.06	870
460659	205	274	45	23.6	0.82	30	80	0.5	10	0.07	3.5	1	216	742	2.08	10	< 1	0.56	40	0.02	1285
460660	205	274	205	17.8	0.29	6	80	< 0.5	4	0.03	< 0.5	< 1	410	14	1.47	< 10	< 1	0.26	< 10	< 0.01	290

CERTIFICATION:

Tony Drescher



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES **
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V6B 1N4

Page Number :1-B
Total Pages :1
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Invoice No. :I9323131
P.O. Number :
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Project : SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS

A9323131

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460658	205	274	4	< 0.01	5	170	>10000	72	< 1	16	< 0.01	< 10	< 10	3	20	9220
460659	205	274	2	< 0.01	4	170	2270	2	< 1	6	< 0.01	< 10	< 10	3	< 10	1915
460660	205	274	2	< 0.01	7	20	1320	2	< 1	4	< 0.01	< 10	< 10	2	< 10	206

CERTIFICATION:

Harry Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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 PHONE: 604-984-0221

To: INTERNATIONAL TOWER HILL MINES
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 V6B 1N4

A9323130

Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE

A9323130

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
 P.O.#:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 25-OCT-93.

SAMPLE PREPARATION

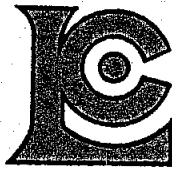
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	82	Dry, sieve to -80 mesh
229	82	ICP - AQ Digestion charge

* 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	82	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	82	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	82	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	82	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	82	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	82	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	82	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	82	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	82	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	82	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	82	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	82	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	82	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	82	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	82	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	82	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	82	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	82	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	82	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	82	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	82	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	82	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	82	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	82	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	82	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	82	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	82	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	82	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	82	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	82	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	82	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	82	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	82	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

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To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
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P.O. Number :
Account : KAR

Project : SIWASH
Comments : ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323130

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
2000E 4500N	201 229	< 5	< 0.2	2.99	2	60	< 0.5	< 2	0.23	< 0.5	9	23	32	2.91	10	< 1	0.04	< 10	0.42	395
2000E 4525N	201 229	< 5	< 0.2	2.12	2	140	< 0.5	< 2	0.45	< 0.5	12	28	31	2.82	10	< 1	0.07	< 10	0.56	530
2000E 4550N	201 229	< 5	< 0.2	2.58	2	190	< 0.5	< 2	0.56	< 0.5	13	46	32	3.39	10	< 1	0.11	< 10	0.73	450
2000E 4575N	201 229	< 5	< 0.2	2.84	2	160	< 0.5	< 2	0.35	< 0.5	10	27	30	3.00	10	< 1	0.07	< 10	0.50	585
2000E 4600N	201 229	< 5	< 0.2	2.95	2	180	< 0.5	< 2	0.43	< 0.5	13	31	45	3.27	10	< 1	0.10	< 10	0.65	690
2000E 4625N	201 229	< 5	< 0.2	2.90	2	100	< 0.5	< 2	0.30	< 0.5	11	24	34	2.96	10	< 1	0.06	< 10	0.52	690
2000E 4650N	201 229	< 5	< 0.2	2.49	2	110	< 0.5	< 2	0.31	< 0.5	11	27	33	2.94	10	< 1	0.11	< 10	0.58	935
2000E 4675N	201 229	< 5	< 0.2	2.55	2	100	< 0.5	< 2	0.24	< 0.5	11	25	36	2.98	10	< 1	0.05	< 10	0.58	495
2000E 4700N	201 229	< 5	< 0.2	2.26	2	200	< 0.5	< 2	0.38	< 0.5	12	28	39	2.90	10	< 1	0.08	< 10	0.68	570
2000E 4725N	201 229	< 5	< 0.2	2.28	2	90	< 0.5	< 2	0.20	< 0.5	9	20	29	2.40	10	< 1	0.05	< 10	0.44	580
2000E 4750N	201 229	< 5	< 0.2	1.98	2	90	< 0.5	< 2	0.34	< 0.5	11	26	44	2.70	< 10	< 1	0.06	< 10	0.68	280
2000E 4775N	201 229	< 5	< 0.2	2.35	2	110	< 0.5	< 2	0.31	< 0.5	10	23	36	2.77	< 10	< 1	0.06	< 10	0.61	275
2000E 4800N	201 229	< 5	< 0.2	2.73	2	160	< 0.5	< 2	0.33	0.5	11	26	46	2.91	10	< 1	0.08	< 10	0.57	305
2000E 4825N	201 229	< 5	< 0.2	2.46	2	140	< 0.5	< 2	0.43	< 0.5	11	28	43	3.02	10	< 1	0.09	< 10	0.69	560
2000E 4850N	201 229	< 5	< 0.2	2.57	2	140	< 0.5	< 2	0.52	1.0	12	31	55	3.05	10	< 1	0.08	10	0.77	610
2000E 4875N	201 229	< 5	< 0.2	2.54	2	160	< 0.5	< 2	0.54	1.0	10	29	51	3.05	10	< 1	0.07	10	0.67	655
2000E 4900N	201 229	< 5	< 0.2	2.75	2	200	< 0.5	< 2	0.42	< 0.5	10	25	30	3.05	10	< 1	0.06	< 10	0.47	225
2000E 4925N	201 229	< 5	0.2	2.70	2	190	< 0.5	< 2	0.82	0.5	11	29	41	3.00	10	< 1	0.08	< 10	0.75	490
2000E 4950N	201 229	< 5	< 0.2	2.07	2	120	< 0.5	< 2	0.42	< 0.5	10	26	41	2.83	10	< 1	0.07	< 10	0.52	280
2000E 4975N	201 229	< 5	< 0.2	2.38	2	190	< 0.5	< 2	0.48	< 0.5	12	28	54	2.92	10	< 1	0.09	< 10	0.59	340
2000E 5000N	201 229	< 5	< 0.2	1.75	2	130	< 0.5	< 2	0.66	< 0.5	12	27	40	2.90	10	< 1	0.08	< 10	0.72	370
2000E 5025N	201 229	< 5	< 0.2	2.04	2	130	< 0.5	< 2	0.43	< 0.5	10	22	29	2.67	10	< 1	0.06	< 10	0.43	205
2000E 5050N	201 229	< 5	< 0.2	2.11	4	200	< 0.5	< 2	0.67	< 0.5	10	26	36	2.98	10	< 1	0.11	< 10	0.69	340
2000E 5075N	201 229	< 5	< 0.2	2.10	2	130	< 0.5	< 2	0.37	< 0.5	10	24	39	2.77	10	< 1	0.07	< 10	0.46	260
2000E 5100N	201 229	< 5	< 0.2	2.86	2	70	< 0.5	< 2	0.21	< 0.5	8	19	32	2.76	10	< 1	0.04	< 10	0.36	255
2000E 5125N	201 229	< 5	< 0.2	2.34	2	140	< 0.5	< 2	0.46	< 0.5	11	27	37	3.03	10	< 1	0.07	< 10	0.60	350
2000E 5150N	201 229	< 5	< 0.2	2.10	2	200	< 0.5	< 2	0.65	< 0.5	12	28	36	3.27	10	< 1	0.10	< 10	0.73	430
2000E 5175N	201 229	< 5	< 0.2	2.34	2	190	< 0.5	< 2	0.48	1.0	11	31	39	2.92	10	< 1	0.07	< 10	0.67	390
2000E 5200N	201 229	< 5	1.2	3.19	2	580	< 0.5	< 2	0.95	5.0	8	21	93	2.85	10	< 1	0.08	40	0.42	1270
2000E 5225N	201 229	< 5	0.2	2.16	2	110	< 0.5	< 2	0.33	< 0.5	10	22	32	2.72	10	< 1	0.06	< 10	0.44	255
2000E 5250N	201 229	< 5	< 0.2	2.20	2	160	< 0.5	< 2	0.71	< 0.5	11	23	46	3.42	10	< 1	0.17	10	0.82	395
2000E 5275N	201 229	< 5	0.2	3.05	4	220	< 0.5	< 2	0.38	< 0.5	9	21	43	2.80	10	< 1	0.07	< 10	0.36	320
2000E 5300N	201 229	< 5	< 0.2	2.12	2	100	< 0.5	< 2	0.23	< 0.5	9	18	20	2.48	10	< 1	0.05	< 10	0.30	460
2000E 5325N	201 229	< 5	0.2	2.82	2	480	< 0.5	< 2	0.64	< 0.5	10	27	44	2.88	10	< 1	0.06	10	0.44	375
2000E 5350N	201 229	< 5	< 0.2	2.21	2	320	< 0.5	< 2	0.34	< 0.5	10	23	39	2.77	< 10	< 1	0.07	< 10	0.43	240
2000E 5375N	201 229	< 5	< 0.2	2.31	2	250	< 0.5	< 2	0.28	< 0.5	9	21	26	2.66	10	< 1	0.06	< 10	0.41	230
2000E 5400N	201 229	< 5	< 0.2	2.11	2	170	< 0.5	< 2	0.26	< 0.5	8	17	23	2.39	10	< 1	0.06	< 10	0.36	460
2000E 5425N	201 229	< 5	0.2	2.18	2	190	< 0.5	< 2	0.35	< 0.5	11	17	32	2.37	10	< 1	0.07	< 10	0.43	475
2000E 5450N	201 229	< 5	0.2	2.33	2	260	< 0.5	< 2	0.32	< 0.5	9	22	38	2.56	10	< 1	0.07	< 10	0.39	220
2000E 5475N	201 229	< 5	< 0.2	2.34	2	210	< 0.5	< 2	0.33	0.5	11	21	26	2.82	10	< 1	0.08	< 10	0.46	460

CERTIFICATION:

Hant Buchler



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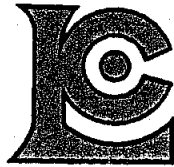
Project : SIWASH
 Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323130

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
2000E 4500N	201 229	< 1	0.03	10	1200	42	< 2	3	20	0.15	< 10	< 10	79	10	228
2000E 4525N	201 229	< 1	0.04	13	1130	26	< 2	3	38	0.14	< 10	< 10	80	< 10	362
2000E 4550N	201 229	< 1	0.04	16	610	60	< 2	4	45	0.19	< 10	< 10	98	10	602
2000E 4575N	201 229	< 1	0.04	12	830	46	< 2	3	30	0.15	< 10	< 10	81	< 10	274
2000E 4600N	201 229	< 1	0.03	13	820	48	< 2	5	36	0.17	< 10	< 10	89	< 10	306
2000E 4625N	201 229	< 1	0.03	12	940	30	2	4	25	0.17	< 10	< 10	82	< 10	190
2000E 4650N	201 229	< 1	0.02	12	960	20	< 2	3	25	0.14	< 10	< 10	79	10	198
2000E 4675N	201 229	< 1	0.02	10	920	22	2	3	21	0.13	< 10	< 10	80	< 10	152
2000E 4700N	201 229	< 1	0.02	13	970	34	< 2	3	26	0.13	< 10	< 10	78	10	346
2000E 4725N	201 229	< 1	0.02	10	1090	16	< 2	2	15	0.11	< 10	< 10	62	< 10	166
2000E 4750N	201 229	< 1	0.02	11	680	10	< 2	3	24	0.13	< 10	< 10	77	< 10	120
2000E 4775N	201 229	< 1	0.03	11	790	8	< 2	3	23	0.14	< 10	< 10	76	< 10	1030
2000E 4800N	201 229	< 1	0.03	13	710	14	< 2	4	27	0.14	< 10	< 10	77	< 10	1310
2000E 4825N	201 229	< 1	0.03	13	540	18	< 2	4	31	0.17	< 10	< 10	84	10	1695
2000E 4850N	201 229	1	0.03	14	490	24	< 2	5	40	0.17	< 10	< 10	89	10	2490
2000E 4875N	201 229	1	0.03	12	530	36	< 2	5	47	0.15	< 10	< 10	84	10	3880
2000E 4900N	201 229	< 1	0.02	11	640	22	< 2	3	37	0.13	< 10	< 10	79	< 10	862
2000E 4925N	201 229	< 1	0.03	12	360	18	< 2	6	78	0.17	< 10	< 10	84	10	1015
2000E 4950N	201 229	< 1	0.03	12	840	8	< 2	4	36	0.13	< 10	< 10	82	< 10	130
2000E 4975N	201 229	< 1	0.03	13	660	6	2	5	43	0.15	< 10	< 10	83	< 10	122
2000E 5000N	201 229	< 1	0.02	11	400	6	< 2	5	49	0.17	< 10	< 10	93	< 10	152
2000E 5025N	201 229	< 1	0.03	8	1110	8	< 2	3	35	0.12	< 10	< 10	74	< 10	438
2000E 5050N	201 229	< 1	0.04	10	620	20	< 2	4	54	0.16	< 10	< 10	89	< 10	232
2000E 5075N	201 229	< 1	0.03	11	970	2	< 2	4	31	0.12	< 10	< 10	80	< 10	78
2000E 5100N	201 229	< 1	0.03	9	1250	6	< 2	3	20	0.13	< 10	< 10	74	< 10	80
2000E 5125N	201 229	< 1	0.04	10	880	34	2	4	37	0.15	< 10	< 10	89	< 10	216
2000E 5150N	201 229	< 1	0.03	12	700	82	< 2	5	45	0.15	< 10	< 10	96	< 10	232
2000E 5175N	201 229	< 1	0.03	13	560	168	< 2	4	36	0.16	< 10	< 10	84	10	3130
2000E 5200N	201 229	< 1	0.03	12	510	132	< 2	7	67	0.07	< 10	< 10	61	10	3330
2000E 5225N	201 229	1	0.04	9	1190	4	2	3	29	0.13	< 10	< 10	77	< 10	144
2000E 5250N	201 229	< 1	0.03	10	1070	12	< 2	5	54	0.17	< 10	< 10	101	10	100
2000E 5275N	201 229	< 1	0.04	11	1350	26	< 2	4	34	0.14	< 10	< 10	71	< 10	316
2000E 5300N	201 229	< 1	0.04	8	1610	18	< 2	2	20	0.12	< 10	< 10	66	< 10	184
2000E 5325N	201 229	< 1	0.05	18	290	10	2	4	52	0.17	< 10	< 10	69	< 10	86
2000E 5350N	201 229	< 1	0.03	13	860	2	< 2	3	25	0.13	< 10	< 10	69	< 10	76
2000E 5375N	201 229	< 1	0.03	13	720	4	< 2	2	20	0.13	< 10	< 10	69	< 10	78
2000E 5400N	201 229	< 1	0.03	10	820	6	< 2	2	21	0.11	< 10	< 10	62	< 10	126
2000E 5425N	201 229	< 1	0.03	11	810	12	< 2	3	27	0.11	< 10	< 10	60	< 10	178
2000E 5450N	201 229	< 1	0.02	13	890	6	< 2	3	26	0.11	< 10	< 10	66	< 10	178
2000E 5475N	201 229	< 1	0.03	13	980	6	< 2	2	24	0.12	< 10	< 10	73	< 10	234

CERTIFICATION:

Handwritten signature



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CERTIFICATE OF ANALYSIS A9323130

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
2000E 5500N	201	229	< 5	< 0.2	2.73	2	160	< 0.5	< 2	0.27	< 0.5	8	18	28	2.51	10	< 1	0.05	< 10	0.36	475
2200E 4500N	201	229	< 5	< 0.2	2.62	2	110	< 0.5	< 2	0.26	0.5	10	20	24	2.78	10	< 1	0.04	< 10	0.35	510
2200E 4525N	201	229	< 5	< 0.2	2.87	2	290	< 0.5	< 2	0.44	2.5	10	29	52	2.92	10	< 1	0.08	10	0.56	600
2200E 4550N	201	229	< 5	0.2	2.44	2	150	< 0.5	< 2	0.28	< 0.5	9	20	25	2.65	10	< 1	0.06	< 10	0.34	565
2200E 4575N	201	229	< 5	< 0.2	2.57	2	130	< 0.5	< 2	0.33	< 0.5	10	24	33	2.93	10	< 1	0.06	< 10	0.47	455
2200E 4600N	201	229	< 5	< 0.2	2.55	2	160	< 0.5	< 2	0.33	< 0.5	9	24	34	2.88	10	< 1	0.06	< 10	0.46	450
2200E 4625N	201	229	< 5	< 0.2	2.37	2	110	< 0.5	< 2	0.35	0.5	9	22	27	2.88	10	< 1	0.06	< 10	0.43	535
2200E 4650N	201	229	< 5	0.4	2.61	2	150	< 0.5	< 2	0.25	< 0.5	9	18	33	2.58	10	< 1	0.05	< 10	0.35	345
2200E 4675N	201	229	< 5	< 0.2	2.08	2	160	< 0.5	< 2	0.38	0.5	9	21	40	2.68	10	< 1	0.06	< 10	0.44	345
2200E 4700N	201	229	< 5	< 0.2	2.08	2	130	< 0.5	< 2	0.30	< 0.5	8	21	34	2.79	10	< 1	0.06	< 10	0.42	250
2200E 4725N	201	229	< 5	0.2	2.69	2	280	< 0.5	< 2	0.55	1.0	9	25	76	2.94	10	< 1	0.06	10	0.52	820
2200E 4750N	201	229	< 5	< 0.2	2.38	2	250	< 0.5	< 2	0.50	1.0	9	22	79	2.63	10	< 1	0.06	10	0.45	550
2200E 4775N	201	229	< 5	0.2	2.30	2	200	< 0.5	< 2	0.33	< 0.5	10	20	42	2.77	10	< 1	0.05	< 10	0.41	245
2200E 4800N	201	229	20	1.8	2.51	2	580	< 0.5	< 2	1.72	6.0	3	19	221	1.31	10	< 1	0.05	30	0.23	250
2200E 4825N	201	229	< 5	0.4	2.63	2	340	< 0.5	< 2	0.53	0.5	11	24	53	3.00	10	< 1	0.07	10	0.47	415
2200E 4850N	201	229	< 5	< 0.2	2.50	2	180	< 0.5	< 2	0.39	< 0.5	10	23	25	2.79	10	< 1	0.06	< 10	0.45	480
2200E 4875N	201	229	< 5	< 0.2	2.29	2	160	0.5	< 2	0.44	< 0.5	9	24	29	2.77	< 10	< 1	0.08	< 10	0.49	435
2200E 4900N	201	229	< 5	< 0.2	1.73	2	90	< 0.5	< 2	0.19	0.5	4	12	11	2.11	< 10	< 1	0.04	< 10	0.22	355
2200E 4925N	201	229	< 5	< 0.2	2.62	2	130	0.5	< 2	0.34	< 0.5	7	19	24	2.63	< 10	< 1	0.06	< 10	0.37	380
2200E 4950N	201	229	< 5	< 0.2	2.75	2	120	0.5	< 2	0.26	< 0.5	7	18	21	2.50	< 10	< 1	0.05	< 10	0.37	450
2200E 4975N	201	229	< 5	< 0.2	2.84	2	80	0.5	< 2	0.22	< 0.5	8	16	27	2.45	< 10	< 1	0.04	< 10	0.36	270
2200E 5000N	201	229	< 5	< 0.2	2.19	2	150	0.5	< 2	0.32	< 0.5	7	17	25	2.37	< 10	< 1	0.06	< 10	0.43	310
2200E 5025N	201	229	< 5	< 0.2	2.19	2	170	< 0.5	< 2	0.34	< 0.5	7	18	42	2.37	< 10	< 1	0.07	10	0.39	465
2200E 5050N	201	229	< 5	< 0.2	2.01	2	100	< 0.5	< 2	0.22	< 0.5	6	16	22	2.16	< 10	< 1	0.05	< 10	0.29	225
2200E 5075N	201	229	< 5	< 0.2	2.05	2	160	< 0.5	< 2	0.30	< 0.5	7	16	21	2.56	< 10	< 1	0.06	< 10	0.36	335
2200E 5100N	201	229	< 5	< 0.2	2.18	2	140	< 0.5	< 2	0.32	< 0.5	8	17	24	2.38	< 10	< 1	0.06	< 10	0.36	295
2200E 5125N	201	229	< 5	< 0.2	2.06	2	180	0.5	< 2	0.41	< 0.5	9	21	38	2.63	< 10	< 1	0.10	< 10	0.50	270
2200E 5150N	201	229	< 5	< 0.2	2.20	2	140	< 0.5	< 2	0.47	< 0.5	7	20	34	2.74	< 10	< 1	0.08	< 10	0.58	385
2200E 5175N	201	229	< 5	< 0.2	2.22	2	170	0.5	< 2	0.40	< 0.5	7	19	36	2.64	< 10	< 1	0.06	< 10	0.46	265
2200E 5200N	201	229	< 5	0.2	3.46	14	700	0.5	< 2	0.70	< 0.5	8	26	78	3.03	10	< 1	0.08	20	0.53	455
2200E 5225N	201	229	< 5	< 0.2	2.07	4	180	0.5	< 2	0.34	< 0.5	7	18	16	2.38	< 10	< 1	0.05	< 10	0.36	220
2200E 5250N	201	229	< 5	< 0.2	2.94	4	530	< 0.5	< 2	0.66	1.0	8	23	36	2.77	10	< 1	0.07	10	0.45	315
2200E 5275N	201	229	< 5	< 0.2	2.48	2	430	0.5	< 2	0.54	0.5	6	20	24	2.43	< 10	< 1	0.06	< 10	0.44	245
2200E 5300N	201	229	5	< 0.2	1.92	2	280	< 0.5	< 2	0.46	1.0	6	16	17	2.18	< 10	< 1	0.08	< 10	0.33	365
2200E 5325N	201	229	< 5	< 0.2	2.18	2	180	0.5	< 2	0.42	< 0.5	6	19	27	2.52	< 10	< 1	0.04	< 10	0.36	200
2200E 5350N	201	229	35	< 0.2	1.88	2	100	0.5	< 2	0.35	< 0.5	8	26	35	2.63	< 10	< 1	0.07	< 10	0.50	275
2200E 5375N	201	229	< 5	< 0.2	2.17	2	180	< 0.5	< 2	0.50	< 0.5	10	30	50	2.97	< 10	< 1	0.08	< 10	0.63	340
2200E 5400N	201	229	< 5	< 0.2	1.40	2	220	< 0.5	< 2	0.48	< 0.5	7	21	49	2.21	< 10	< 1	0.06	< 10	0.44	370
2200E 5425N	201	229	< 5	< 0.2	1.47	2	260	< 0.5	< 2	0.55	< 0.5	7	20	41	2.12	< 10	< 1	0.05	< 10	0.39	250
2200E 5450N	201	229	< 5	< 0.2	1.44	2	200	< 0.5	< 2	0.51	< 0.5	9	28	52	2.72	< 10	< 1	0.09	< 10	0.59	320

CERTIFICATION:

Anthony Buchler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Page Number :2-B
 Total Pages :3
 Certificate Date: 25-OCT-93
 Invoice No. : 19323130
 P.O. Number :
 Account : KAR

Project : SIWASH
 Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323130

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
2000E 5500N	201	229	< 1	0.04	11	1270	16	< 2	3	24	0.13	< 10	< 10	64	< 10	158
2200E 4500N	201	229	< 1	0.03	8	1190	28	< 2	3	22	0.14	< 10	< 10	74	< 10	696
2200E 4525N	201	229	< 1	0.03	14	500	36	< 2	5	32	0.14	< 10	< 10	73	10	3620
2200E 4550N	201	229	< 1	0.03	8	850	48	< 2	3	24	0.12	< 10	< 10	71	< 10	1135
2200E 4575N	201	229	< 1	0.04	11	850	28	< 2	3	30	0.16	< 10	< 10	83	< 10	392
2200E 4600N	201	229	< 1	0.03	11	870	30	< 2	3	27	0.15	< 10	< 10	81	< 10	790
2200E 4625N	201	229	< 1	0.04	11	920	22	< 2	3	30	0.16	< 10	< 10	82	< 10	376
2200E 4650N	201	229	< 1	0.04	10	760	26	< 2	3	21	0.12	< 10	< 10	63	< 10	722
2200E 4675N	201	229	< 1	0.03	10	750	38	< 2	3	27	0.11	< 10	< 10	72	< 10	1435
2200E 4700N	201	229	< 1	0.03	9	900	56	< 2	3	24	0.11	< 10	< 10	74	< 10	842
2200E 4725N	201	229	< 1	0.03	12	440	32	< 2	5	40	0.10	< 10	< 10	70	10	2910
2200E 4750N	201	229	< 1	0.03	9	350	26	< 2	4	38	0.11	< 10	< 10	64	< 10	2140
2200E 4775N	201	229	< 1	0.02	10	860	42	< 2	3	26	0.12	< 10	< 10	72	< 10	1020
2200E 4800N	201	229	< 1	0.02	11	1000	32	< 2	6	111	0.03	< 10	30	32	< 10	1450
2200E 4825N	201	229	< 1	0.03	13	570	52	< 2	5	42	0.14	< 10	< 10	79	10	1165
2200E 4850N	201	229	< 1	0.03	9	780	60	< 2	3	30	0.13	< 10	< 10	73	< 10	1170
2200E 4875N	201	229	< 1	0.02	11	730	42	< 2	3	34	0.13	< 10	< 10	77	10	1005
2200E 4900N	201	229	< 1	0.03	5	940	24	< 2	1	15	0.09	< 10	< 10	55	< 10	418
2200E 4925N	201	229	< 1	0.04	8	1100	28	< 2	3	30	0.14	< 10	< 10	73	10	440
2200E 4950N	201	229	1	0.03	10	820	46	< 2	2	20	0.13	< 10	< 10	67	< 10	646
2200E 4975N	201	229	< 1	0.03	7	1290	28	< 2	3	17	0.12	< 10	< 10	63	< 10	774
2200E 5000N	201	229	< 1	0.02	8	770	40	< 2	2	23	0.11	< 10	< 10	63	< 10	566
2200E 5025N	201	229	< 1	0.02	9	850	18	< 2	3	27	0.10	< 10	< 10	62	< 10	670
2200E 5050N	201	229	< 1	0.03	8	970	14	< 2	2	18	0.10	< 10	< 10	56	< 10	178
2200E 5075N	201	229	< 1	0.03	7	770	18	< 2	2	23	0.10	< 10	< 10	66	< 10	188
2200E 5100N	201	229	< 1	0.03	7	830	14	< 2	2	26	0.11	< 10	< 10	64	< 10	170
2200E 5125N	201	229	< 1	0.02	11	690	8	< 2	3	35	0.14	< 10	< 10	75	< 10	118
2200E 5150N	201	229	< 1	0.02	8	920	12	< 2	3	34	0.13	< 10	< 10	79	< 10	182
2200E 5175N	201	229	< 1	0.03	8	740	8	< 2	3	31	0.13	< 10	< 10	76	< 10	126
2200E 5200N	201	229	< 1	0.03	16	430	28	< 2	7	57	0.14	< 10	< 10	81	10	460
2200E 5225N	201	229	1	0.02	6	1040	22	< 2	2	28	0.11	< 10	< 10	66	< 10	622
2200E 5250N	201	229	< 1	0.04	12	510	20	< 2	4	60	0.16	< 10	< 10	73	10	2360
2200E 5275N	201	229	< 1	0.04	10	300	14	< 2	3	45	0.15	< 10	< 10	63	10	1430
2200E 5300N	201	229	< 1	0.03	8	340	14	< 2	2	39	0.13	< 10	< 10	59	10	1245
2200E 5325N	201	229	1	0.04	10	740	10	< 2	3	35	0.14	< 10	< 10	72	< 10	258
2200E 5350N	201	229	< 1	0.02	9	950	38	< 2	3	25	0.11	< 10	< 10	77	< 10	200
2200E 5375N	201	229	< 1	0.02	13	900	36	< 2	3	42	0.14	< 10	< 10	86	10	278
2200E 5400N	201	229	< 1	0.02	11	370	28	< 2	3	42	0.10	< 10	< 10	65	< 10	216
2200E 5425N	201	229	< 1	0.02	8	380	14	< 2	3	45	0.09	< 10	< 10	61	< 10	100
2200E 5450N	201	229	< 1	0.01	11	670	26	< 2	4	40	0.10	< 10	< 10	83	< 10	100

CERTIFICATION:

Tony Drescher



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
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V6B 1N4

**

Page Number :3-A
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Account :KAR

Project : SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323130

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
2200E 5475N	201	229	< 5	< 0.2	1.35	4	100	< 0.5	< 2	0.38	< 0.5	8	25	32	2.59	< 10	< 1	0.09	< 10	0.45	235
2200E 5500N	201	229	< 5	< 0.2	1.61	< 2	160	< 0.5	< 2	0.38	< 0.5	7	23	24	2.37	< 10	< 1	0.07	< 10	0.43	270

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

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

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CERTIFICATE OF ANALYSIS A9323130

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
2200E 5475N	201	229	< 1	0.02	9	830	8	< 2	3	30	0.09	< 10	< 10	79	< 10	94
2200E 5500N	201	229	< 1	0.02	10	570	6	< 2	2	33	0.12	< 10	< 10	71	< 10	80

CERTIFICATION: Hart Bichler



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A9323129

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CERTIFICATE

A9323129

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O.#:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-OCT-93.

SAMPLE PREPARATION

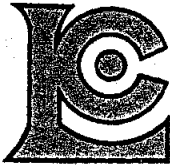
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	6	Geochem ring to approx 150 mesh
274	6	0-15 lb crush and split
229	6	ICP - AQ Digestion charge

* 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	6	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	6	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	6	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	6	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	6	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	6	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	6	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	6	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	6	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	6	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	6	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	6	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	6	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	6	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	6	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	6	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	6	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	6	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	6	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	6	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	6	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	6	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	6	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	6	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	6	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	6	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	6	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	6	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	6	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	6	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	6	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	6	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	6	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

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c/o PAMICON DEVELOPMENTS LIMITED
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V6B 1N4

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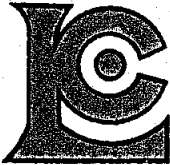
Project: SIWASH
Comments: ATTN: TONY DRESHCER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323129

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
460661	205	274	< 5	1.2	0.65	10	130	< 0.5	6	0.52	< 0.5	< 1	112	25	1.12	< 10	< 1	0.52	10	0.03	105
460662	205	274	< 5	1.8	0.89	6	190	< 0.5	2	0.18	1.5	2	116	48	1.46	10	< 1	0.62	40	0.06	445
460663	205	274	< 5	1.8	0.83	6	230	< 0.5	4	0.07	< 0.5	< 1	136	54	1.66	10	< 1	0.60	40	0.03	75
460666	205	274	< 5	0.4	1.01	< 2	140	< 0.5	< 2	0.02	< 0.5	< 1	104	2	0.76	< 10	< 1	0.62	10	0.07	15
460667	205	274	< 5	7.2	0.61	44	150	< 0.5	4	0.02	< 0.5	3	243	9	4.05	< 10	< 1	0.43	< 10	0.03	20
460668	205	274	< 5	0.2	0.60	18	560	< 0.5	< 2	0.08	< 0.5	7	176	17	9.85	< 10	< 1	0.33	10	0.05	135

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS

A9323129

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460661	205	274	3	0.02	< 1	140	42	< 2	< 1	40	< 0.01	< 10	< 10	3	< 10	274
460662	205	274	4	0.02	1	340	68	< 2	< 1	28	< 0.01	< 10	< 10	6	< 10	590
460663	205	274	2	0.02	1	340	208	< 2	< 1	18	< 0.01	< 10	< 10	3	< 10	518
460666	205	274	1	0.02	1	390	132	< 2	< 1	16	< 0.01	< 10	< 10	5	< 10	18
460667	205	274	12	0.01	3	160	390	< 2	< 1	18	< 0.01	< 10	< 10	6	< 10	146
460668	205	274	8	0.01	1	230	194	2	1	46	0.01	< 10	< 10	11	< 10	426

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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CERTIFICATE

A9323128

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 26-OCT-93.

SAMPLE PREPARATION

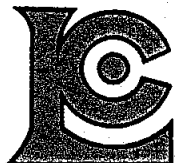
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	84	Dry, sieve to -80 mesh
229	84	ICP - AQ Digestion charge

* 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	84	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	84	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	84	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	84	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	84	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	84	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	84	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	84	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	84	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	84	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	84	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	84	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	84	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	84	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	84	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	84	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	84	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	84	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	84	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	84	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	84	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	84	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	84	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	84	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	84	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	84	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	84	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	84	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	84	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	84	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	84	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	84	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	84	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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CERTIFICATE OF ANALYSIS A9323128

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
2400E 4500N	201 229	1	0.01	7	820	78	< 2	5	40	0.12	< 10	< 10	85	< 10	1325
2400E 4525N	201 229	< 1	0.02	5	770	66	< 2	2	29	0.06	< 10	< 10	53	< 10	804
2400E 4550N	201 229	< 1	0.02	7	530	126	< 2	1	21	0.06	< 10	< 10	59	< 10	994
2400E 4575N	201 229	< 1	0.02	8	340	112	< 2	2	23	0.09	< 10	< 10	58	< 10	1120
2400E 4600N	201 229	< 1	0.02	14	490	88	2	3	35	0.15	< 10	< 10	84	10	1040
2400E 4625N	201 229	< 1	0.02	10	610	64	< 2	2	23	0.12	< 10	< 10	65	< 10	676
2400E 4650N	201 229	< 1	0.02	12	510	36	< 2	2	24	0.10	< 10	< 10	61	< 10	758
2400E 4675N	201 229	< 1	0.02	7	590	54	2	2	18	0.11	< 10	< 10	58	< 10	574
2400E 4700N	201 229	< 1	0.02	9	550	34	< 2	2	26	0.13	< 10	< 10	72	< 10	526
2400E 4725N	201 229	< 1	0.02	10	700	24	< 2	2	26	0.12	< 10	< 10	64	< 10	434
2400E 4750N	201 229	< 1	0.02	10	750	22	2	2	26	0.13	< 10	< 10	68	< 10	510
2400E 4775N	201 229	< 1	0.03	8	280	38	< 2	2	42	0.11	< 10	< 10	70	< 10	974
2400E 4800N	201 229	< 1	0.02	5	540	58	< 2	1	18	0.09	< 10	< 10	52	< 10	554
2400E 4825N	201 229	< 1	0.03	6	570	24	2	1	15	0.11	< 10	< 10	54	< 10	510
2400E 4850N	201 229	< 1	0.02	11	690	22	4	2	22	0.13	< 10	< 10	68	< 10	488
2400E 4875N	201 229	1	0.02	11	730	12	< 2	2	23	0.13	< 10	< 10	68	< 10	484
2400E 4900N	201 229	< 1	0.02	10	670	20	< 2	2	23	0.13	< 10	< 10	66	< 10	542
2400E 4925N	201 229	< 1	0.02	8	640	86	2	2	21	0.11	< 10	< 10	66	10	494
2400E 4950N	201 229	< 1	0.02	10	780	74	< 2	2	18	0.10	< 10	< 10	64	< 10	770
2400E 4975N	201 229	< 1	0.02	8	710	180	2	2	19	0.09	< 10	< 10	60	10	1005
2400E 5000N	201 229	< 1	0.02	10	740	88	< 2	2	21	0.09	< 10	< 10	57	< 10	1300
2400E 5025N	201 229	< 1	0.02	10	600	104	< 2	3	37	0.13	< 10	< 10	70	10	2030
2400E 5050N	201 229	< 1	0.02	8	400	118	< 2	3	43	0.13	< 10	< 10	71	< 10	1630
2400E 5075N	201 229	< 1	0.03	10	410	168	< 2	3	46	0.12	< 10	< 10	65	10	2690
2400E 5100N	201 229	1	0.03	10	690	92	< 2	3	30	0.12	< 10	< 10	64	10	1960
2400E 5125N	201 229	< 1	0.02	4	610	192	< 2	1	30	0.07	< 10	< 10	51	< 10	634
2400E 5150N	201 229	< 1	0.02	9	840	72	< 2	3	32	0.12	< 10	< 10	73	10	722
2400E 5175N	201 229	< 1	0.02	9	710	12	< 2	2	28	0.13	< 10	< 10	70	< 10	284
2400E 5200N	201 229	< 1	0.02	11	600	44	< 2	3	36	0.10	< 10	< 10	73	10	362
2400E 5225N	201 229	< 1	0.02	10	900	88	< 2	2	36	0.10	< 10	< 10	71	< 10	454
2400E 5250N	201 229	2	0.02	11	880	650	< 2	8	106	0.03	< 10	< 10	51	20	1755
2400E 5275N	201 229	1	0.02	6	690	236	2	3	40	0.06	< 10	< 10	57	10	840
2400E 5300N	201 229	1	0.02	14	780	404	2	7	78	0.06	< 10	< 10	59	10	2730
2400E 5325N	201 229	< 1	0.03	18	1310	472	< 2	10	100	0.06	< 10	< 10	69	20	3470
2400E 5350N	201 229	2	0.02	9	1390	98	< 2	2	239	0.01	< 10	< 10	52	< 10	1880
2400E 5375N	201 229	< 1	0.01	10	930	8	< 2	3	24	0.09	< 10	< 10	85	< 10	116
2400E 5400N	201 229	< 1	0.01	12	890	4	4	4	40	0.12	< 10	< 10	98	10	48
2400E 5425N	201 229	< 1	0.02	12	1160	4	< 2	6	43	0.13	< 10	< 10	88	10	58
2400E 5450N	201 229	< 1	0.02	12	1070	6	< 2	4	35	0.14	< 10	< 10	90	10	72
2400E 5475N	201 229	< 1	0.02	10	1280	16	2	3	31	0.12	< 10	< 10	81	10	98

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
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V6B 1N4

Page Number :2-A
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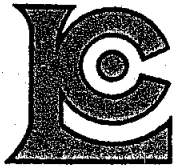
Project : SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323128

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
2400E 5500N	201	229	< 5	0.2	2.09	4	100	0.5	< 2	0.35	< 0.5	8	19	25	2.52	< 10	< 1	0.07	< 10	0.40	365
2600E 4500N	201	229	< 5	0.2	1.91	< 2	120	0.5	< 2	0.44	< 0.5	9	32	29	2.59	< 10	< 1	0.07	< 10	0.51	245
2600E 4525N	201	229	< 5	0.2	1.57	4	130	0.5	4	0.43	< 0.5	6	24	30	2.57	< 10	< 1	0.11	10	0.48	265
2600E 4550N	201	229	< 5	0.2	1.88	< 2	140	0.5	< 2	0.32	< 0.5	6	24	32	2.40	< 10	< 1	0.07	10	0.41	230
2600E 4575N	201	229	< 5	0.4	1.87	< 2	150	0.5	< 2	0.32	< 0.5	7	30	32	2.37	< 10	< 1	0.05	< 10	0.39	205
2600E 4600N	201	229	< 5	0.2	1.41	8	150	0.5	< 2	0.35	< 0.5	7	31	36	2.44	< 10	< 1	0.07	10	0.46	250
2600E 4625N	201	229	< 5	< 0.2	1.32	< 2	130	< 0.5	< 2	0.40	< 0.5	7	37	26	2.44	< 10	< 1	0.06	< 10	0.45	240
2600E 4650N	201	229	< 5	0.2	1.48	< 2	170	0.5	2	0.25	< 0.5	5	19	34	2.27	< 10	< 1	0.07	10	0.33	260
2600E 4675N	201	229	< 5	0.4	1.45	< 2	160	0.5	< 2	0.29	< 0.5	6	23	33	2.29	< 10	< 1	0.08	10	0.35	260
2600E 4700N	201	229	< 5	0.4	1.80	8	150	< 0.5	2	0.30	< 0.5	6	20	25	2.33	< 10	< 1	0.08	10	0.30	310
2600E 4725N	201	229	< 5	0.4	1.65	8	140	0.5	< 2	0.30	< 0.5	6	18	28	2.22	< 10	< 1	0.09	20	0.30	300
2600E 4750N	201	229	< 5	0.2	1.45	6	200	0.5	< 2	0.23	< 0.5	4	15	38	2.63	< 10	< 1	0.11	20	0.24	320
2600E 4775N	201	229	< 5	< 0.2	1.34	16	140	0.5	< 2	0.31	< 0.5	3	14	51	2.93	< 10	< 1	0.15	20	0.32	330
2600E 4800N	201	229	< 5	< 0.2	1.48	4	150	0.5	< 2	0.30	< 0.5	5	18	31	2.30	< 10	< 1	0.08	20	0.37	330
2600E 4825N	201	229	< 5	< 0.2	1.39	6	120	0.5	< 2	0.35	< 0.5	6	19	28	2.15	< 10	< 1	0.09	10	0.39	275
2600E 4850N	201	229	< 5	< 0.2	1.56	< 2	130	< 0.5	< 2	0.32	< 0.5	6	18	21	2.10	< 10	< 1	0.07	10	0.36	195
2600E 4875N	201	229	< 5	< 0.2	1.43	16	130	< 0.5	< 2	0.39	< 0.5	6	17	21	2.16	< 10	< 1	0.08	10	0.41	215
2600E 4900N	201	229	< 5	< 0.2	1.69	10	150	0.5	< 2	0.45	< 0.5	6	22	25	2.53	< 10	< 1	0.10	10	0.50	265
2600E 4925N	201	229	< 5	< 0.2	1.47	2	120	0.5	< 2	0.50	< 0.5	6	20	24	2.28	< 10	< 1	0.13	10	0.50	275
2600E 4950N	201	229	< 5	0.2	1.90	2	140	0.5	< 2	0.44	< 0.5	6	22	25	2.52	< 10	< 1	0.11	10	0.48	235
2600E 4975N	201	229	< 5	0.4	2.03	< 2	230	< 0.5	< 2	0.30	< 0.5	6	17	25	2.67	< 10	< 1	0.08	10	0.40	215
2600E 5000N	201	229	< 5	1.2	0.48	38	350	0.5	< 2	0.03	< 0.5	< 1	4	8	2.78	< 10	< 1	0.43	< 10	0.02	10
2600E 5025N	201	229	< 5	1.2	2.02	6	270	0.5	< 2	0.16	< 0.5	4	15	20	2.86	< 10	< 1	0.10	10	0.22	110
2600E 5050N	201	229	< 5	0.8	1.32	6	410	0.5	< 2	0.11	< 0.5	2	10	24	3.22	< 10	< 1	0.28	30	0.17	70
2600E 5075N	201	229	< 5	0.8	1.59	14	450	< 0.5	< 2	0.15	< 0.5	4	17	32	5.21	< 10	< 1	0.23	10	0.25	105
2600E 5100N	201	229	< 5	2.6	2.45	10	350	0.5	< 2	0.17	< 0.5	3	17	26	3.42	< 10	< 1	0.11	10	0.23	130
2600E 5125N	201	229	< 5	12.0	1.07	2	210	< 0.5	< 2	0.13	< 0.5	2	9	17	2.21	< 10	< 1	0.17	10	0.13	95
2600E 5150N	201	229	< 5	6.0	1.61	< 2	180	0.5	< 2	0.11	< 0.5	3	13	9	1.67	< 10	< 1	0.03	< 10	0.18	95
2600E 5175N	201	229	< 5	4.8	1.54	< 2	190	< 0.5	< 2	0.08	< 0.5	2	7	4	1.48	< 10	< 1	0.02	< 10	0.06	115
2600E 5200N	201	229	< 5	0.2	0.88	12	130	< 0.5	< 2	0.28	< 0.5	5	17	15	2.01	< 10	< 1	0.12	10	0.31	160
2600E 5225N	201	229	< 5	1.4	1.47	18	180	0.5	< 2	0.24	< 0.5	5	18	20	2.19	< 10	< 1	0.09	10	0.31	150
2600E 5250N	201	229	< 5	1.4	1.56	14	150	< 0.5	< 2	0.17	< 0.5	6	14	11	1.88	< 10	< 1	0.05	< 10	0.19	160
2600E 5275N	201	229	< 5	0.8	1.54	6	190	0.5	< 2	0.26	< 0.5	6	17	26	1.98	< 10	< 1	0.07	10	0.22	180
2600E 5300N	201	229	< 5	0.2	1.29	6	210	0.5	< 2	0.27	< 0.5	6	19	18	2.19	< 10	< 1	0.08	10	0.25	170
2600E 5325N	201	229	< 5	1.8	0.92	22	450	< 0.5	2	0.15	< 0.5	1	13	49	4.54	< 10	< 1	0.28	10	0.16	85
2600E 5350N	201	229	< 5	0.2	1.25	16	390	1.0	< 2	0.13	< 0.5	4	12	59	3.05	< 10	< 1	0.14	20	0.13	310
2600E 5375N	201	229	< 5	0.2	1.41	14	230	0.5	< 2	0.29	< 0.5	7	19	28	2.81	< 10	< 1	0.10	10	0.34	410
2600E 5400N	201	229	< 5	0.4	1.30	22	250	0.5	< 2	0.13	< 0.5	3	9	14	2.72	< 10	< 1	0.14	20	0.11	155
2600E 5425N	201	229	< 5	0.4	1.52	8	150	0.5	< 2	0.33	0.5	6	20	19	2.39	< 10	< 1	0.06	10	0.24	310
2600E 5450N	201	229	< 5	0.4	1.59	22	180	0.5	< 2	0.20	< 0.5	4	13	16	2.11	< 10	< 1	0.07	10	0.20	205

CERTIFICATION:

Tony Drescher



Chemex Labs Ltd.

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 212 Brooksbank Ave., North Vancouver
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 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
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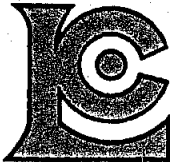
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 P.O. Number :
 Account : KAR

Project : SIWASH
 Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323128

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
2400E 5500N	201 229	< 1	0.03	9	1190	6	< 2	3	27	0.13	< 10	< 10	71	< 10	102
2600E 4500N	201 229	< 1	0.02	15	800	8	< 2	3	40	0.15	< 10	< 10	79	< 10	250
2600E 4525N	201 229	< 1	0.01	12	760	38	< 2	3	33	0.12	< 10	< 10	75	< 10	374
2600E 4550N	201 229	< 1	0.02	13	810	22	< 2	3	26	0.11	< 10	< 10	65	< 10	444
2600E 4575N	201 229	< 1	0.02	14	780	16	< 2	3	27	0.11	< 10	< 10	69	< 10	382
2600E 4600N	201 229	< 1	0.01	13	580	30	< 2	3	29	0.10	< 10	< 10	69	< 10	548
2600E 4625N	201 229	< 1	0.01	14	1020	32	< 2	2	28	0.08	< 10	< 10	71	< 10	318
2600E 4650N	201 229	< 1	0.01	9	660	86	< 2	2	23	0.07	< 10	< 10	51	< 10	590
2600E 4675N	201 229	< 1	0.02	11	520	76	< 2	2	27	0.08	< 10	< 10	58	< 10	504
2600E 4700N	201 229	< 1	0.02	9	600	84	< 4	2	29	0.09	< 10	< 10	56	< 10	624
2600E 4725N	201 229	< 1	0.02	9	540	102	< 2	2	28	0.09	< 10	< 10	52	< 10	466
2600E 4750N	201 229	< 1	0.01	5	520	184	< 2	2	27	0.07	< 10	< 10	48	< 10	534
2600E 4775N	201 229	< 1	0.01	6	770	338	< 2	2	27	0.08	< 10	< 10	53	< 10	732
2600E 4800N	201 229	< 1	0.01	7	710	170	< 2	2	23	0.07	< 10	< 10	54	< 10	788
2600E 4825N	201 229	< 1	0.01	8	710	94	< 2	2	27	0.09	< 10	< 10	61	< 10	444
2600E 4850N	201 229	< 1	0.02	8	580	50	< 2	2	27	0.10	< 10	< 10	60	< 10	350
2600E 4875N	201 229	< 1	0.01	8	650	54	< 2	2	30	0.10	< 10	< 10	63	< 10	208
2600E 4900N	201 229	< 1	0.02	12	750	48	< 2	3	33	0.12	< 10	< 10	74	< 10	244
2600E 4925N	201 229	< 1	0.02	8	780	62	< 2	3	36	0.13	< 10	< 10	69	< 10	188
2600E 4950N	201 229	< 1	0.02	8	720	46	< 2	3	33	0.12	< 10	< 10	73	< 10	180
2600E 4975N	201 229	< 1	0.02	7	600	102	< 2	2	29	0.13	< 10	< 10	69	< 10	214
2600E 5000N	201 229	5	0.01	< 1	380	852	< 2	< 1	30	< 0.01	< 10	< 10	12	< 10	18
2600E 5025N	201 229	< 1	0.03	5	510	100	< 2	2	30	0.10	< 10	< 10	56	< 10	100
2600E 5050N	201 229	< 1	0.03	4	540	206	< 2	2	41	0.04	< 10	< 10	39	< 10	66
2600E 5075N	201 229	3	0.05	3	620	226	< 2	2	44	0.11	< 10	< 10	72	< 10	72
2600E 5100N	201 229	1	0.03	8	670	216	< 2	2	30	0.09	< 10	< 10	59	< 10	180
2600E 5125N	201 229	1	0.01	3	420	1435	< 2	1	25	0.03	< 10	< 10	31	< 10	162
2600E 5150N	201 229	< 1	0.01	6	390	60	< 2	1	13	0.08	< 10	< 10	41	< 10	112
2600E 5175N	201 229	< 1	0.02	2	480	56	< 2	< 1	11	0.08	< 10	< 10	33	< 10	46
2600E 5200N	201 229	< 1	0.01	7	670	80	< 2	1	22	0.07	< 10	< 10	52	< 10	84
2600E 5225N	201 229	< 1	0.02	7	570	70	< 2	2	22	0.08	< 10	< 10	54	< 10	146
2600E 5250N	201 229	< 1	0.02	6	430	26	< 2	1	19	0.09	< 10	< 10	48	< 10	180
2600E 5275N	201 229	< 1	0.02	7	540	50	< 2	2	27	0.08	< 10	< 10	53	< 10	192
2600E 5300N	201 229	< 1	0.01	8	570	34	< 2	2	29	0.08	< 10	< 10	58	< 10	190
2600E 5325N	201 229	1	0.04	3	450	186	< 4	1	58	0.07	< 10	< 10	64	< 10	126
2600E 5350N	201 229	< 1	0.01	6	690	62	< 2	2	30	0.02	< 10	< 10	41	< 10	304
2600E 5375N	201 229	< 1	0.01	6	500	40	< 2	2	30	0.07	< 10	< 10	70	< 10	414
2600E 5400N	201 229	1	0.02	3	680	68	< 2	1	47	0.03	< 10	< 10	39	< 10	266
2600E 5425N	201 229	< 1	0.02	7	460	36	< 2	2	32	0.09	< 10	< 10	65	< 10	896
2600E 5450N	201 229	< 1	0.02	8	380	70	< 2	2	22	0.04	< 10	< 10	42	< 10	710

CERTIFICATION: *Anthony Drescher*



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CERTIFICATE OF ANALYSIS

A9323128

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
2600E 5475N	201 229	< 5	0.4	1.44	12	130	< 0.5	< 2	0.18	< 0.5	4	12	12	1.92	< 10	< 1	0.05	10	0.22	295
2600E 5500N	201 229	< 5	0.8	1.94	6	290	1.0	< 2	0.34	0.5	4	20	34	2.40	10	1	0.08	110	0.31	385
460664	201 229	< 5	0.8	1.72	4	290	1.0	< 2	0.76	0.5	6	24	40	2.25	20	3	0.13	150	0.29	885
460665	201 229	25	0.6	1.47	< 2	200	1.0	< 2	0.71	0.5	5	25	31	2.39	10	2	0.19	130	0.28	750

CERTIFICATION:

Hart Bickler



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711 - 675 W. HASTINGS ST.
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V6B 1N4

**

Page Number :3-B
Total Pages :3
Certificate Date:26-OCT-93
Invoice No. :19323128
P.O. Number :
Account :KAR

Project : SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS

A9323128

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
2600E 5475N	201 229	< 1	0.02	7	420	40	< 2	2	16	0.07	< 10	< 10	48	< 10	516
2600E 5500N	201 229	< 1	0.02	10	380	80	< 2	4	33	0.06	< 10	< 10	51	< 10	1600
460664	201 229	2	0.02	10	610	64	2	4	173	0.06	< 10	< 10	51	< 10	558
460665	201 229	< 1	0.02	8	720	44	< 2	3	145	0.07	< 10	< 10	61	< 10	438

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

A9323094

Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE

A9323094

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 21-OCT-93.

SAMPLE PREPARATION

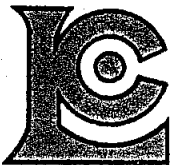
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	102	Dry, sieve to -80 mesh
229	102	ICP - AQ Digestion charge

* 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	102	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	102	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	102	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	102	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	102	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	102	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	102	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	102	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	102	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	102	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	102	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	102	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	102	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	102	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	102	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	102	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	102	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	102	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	102	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	102	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	102	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	102	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	102	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	102	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	102	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	102	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	102	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	102	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	102	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	102	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	102	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	102	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	102	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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Project : SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323094

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
1800E 4500N	201	229	< 5	< 0.2	2.42	< 2	140	< 0.5	< 2	0.37	1.0	9	26	26	2.72	< 10	< 1	0.08	< 10	0.48	455
1800E 4525N	201	229	< 5	< 0.2	2.06	4	140	< 0.5	< 2	0.36	< 0.5	9	25	27	2.60	< 10	< 1	0.07	< 10	0.45	355
1800E 4550N	201	229	< 5	< 0.2	2.00	6	130	< 0.5	< 2	0.31	< 0.5	9	28	33	2.51	< 10	< 1	0.07	< 10	0.45	415
1800E 4575N	201	229	< 5	< 0.2	1.91	< 2	80	< 0.5	< 2	0.17	< 0.5	7	18	15	2.19	< 10	< 1	0.03	< 10	0.30	910
1800E 4600N	201	229	< 5	< 0.2	2.41	< 2	160	< 0.5	< 2	0.58	0.5	9	30	30	2.27	< 10	< 1	0.04	< 10	0.57	825
1800E 4625N	201	229	< 5	< 0.2	2.47	< 2	100	< 0.5	< 2	0.22	< 0.5	8	28	27	2.65	< 10	< 1	0.04	< 10	0.48	415
1800E 4650N	201	229	< 5	< 0.2	2.11	< 2	110	< 0.5	< 2	0.37	0.5	10	26	27	2.74	< 10	< 1	0.09	< 10	0.65	890
1800E 4675N	201	229	< 5	0.4	2.44	< 2	200	< 0.5	< 2	0.49	< 0.5	10	34	37	2.88	< 10	< 1	0.04	< 10	0.64	580
1800E 4700N	201	229	< 5	< 0.2	1.89	< 2	130	< 0.5	< 2	0.66	< 0.5	14	56	36	3.14	< 10	< 1	0.10	< 10	0.92	360
1800E 4725N	201	229	< 5	0.2	2.59	< 2	210	< 0.5	< 2	0.53	0.5	11	39	52	3.10	< 10	< 1	0.06	< 10	0.63	535
1800E 4750N	201	229	< 5	< 0.2	2.17	< 2	130	< 0.5	< 2	0.41	< 0.5	11	30	33	2.79	< 10	< 1	0.05	< 10	0.56	490
1800E 4775N	201	229	< 5	< 0.2	2.41	8	70	< 0.5	< 2	0.19	< 0.5	8	18	18	2.52	< 10	< 1	0.02	< 10	0.35	440
1800E 4800N	201	229	< 5	< 0.2	1.63	< 2	70	< 0.5	< 2	0.30	0.5	9	25	22	2.41	< 10	1	0.06	< 10	0.43	405
1800E 4825N	201	229	< 5	< 0.2	2.12	< 2	100	< 0.5	< 2	0.29	< 0.5	9	25	32	2.47	< 10	2	0.05	< 10	0.42	505
1800E 4850N	201	229	< 5	< 0.2	2.37	< 2	40	< 0.5	2	0.16	< 0.5	8	17	14	2.26	< 10	< 1	0.02	< 10	0.24	220
1800E 4875N	201	229	< 5	< 0.2	1.90	4	90	< 0.5	2	0.17	< 0.5	7	14	11	2.31	< 10	< 1	0.03	< 10	0.21	385
1800E 4900N	201	229	< 5	< 0.2	2.31	< 2	70	< 0.5	< 2	0.23	< 0.5	7	20	25	2.53	< 10	< 1	0.03	< 10	0.37	425
1800E 4925N	201	229	< 5	0.4	2.32	14	70	< 0.5	2	0.21	< 0.5	8	19	28	2.50	< 10	< 1	0.03	< 10	0.35	325
1800E 4950N	201	229	< 5	0.2	2.65	< 2	130	< 0.5	8	0.39	< 0.5	9	28	40	2.86	< 10	< 1	0.07	< 10	0.52	325
1800E 4975N	201	229	< 5	< 0.2	2.53	16	80	< 0.5	2	0.24	< 0.5	9	19	30	2.55	< 10	< 1	0.03	< 10	0.39	265
1800E 5000N	201	229	< 5	< 0.2	2.31	< 2	130	< 0.5	< 2	0.29	< 0.5	11	24	40	2.72	< 10	< 1	0.05	< 10	0.49	235
1800E 5025N	201	229	< 5	< 0.2	2.05	14	130	< 0.5	< 2	0.35	< 0.5	8	22	35	2.50	< 10	< 1	0.04	< 10	0.47	240
1800E 5050N	201	229	< 5	< 0.2	1.71	6	150	< 0.5	< 2	0.41	< 0.5	8	23	31	2.22	< 10	< 1	0.04	< 10	0.49	315
1800E 5075N	201	229	< 5	0.2	1.88	< 2	80	< 0.5	< 2	0.26	< 0.5	8	21	26	2.46	< 10	< 1	0.04	< 10	0.40	225
1800E 5100N	201	229	< 5	0.4	2.14	6	120	< 0.5	2	0.30	< 0.5	9	21	32	2.56	< 10	< 1	0.04	< 10	0.38	235
1800E 5125N	201	229	< 5	0.4	2.00	4	270	< 0.5	< 2	0.44	< 0.5	7	16	26	2.35	< 10	< 1	0.04	< 10	0.31	335
1800E 5150N	201	229	< 5	0.2	1.90	4	100	< 0.5	< 2	0.30	< 0.5	8	21	30	2.52	< 10	< 1	0.04	< 10	0.40	295
1800E 5175N	201	229	< 5	0.2	1.95	6	90	< 0.5	< 2	0.30	< 0.5	9	21	27	2.49	< 10	< 1	0.04	< 10	0.41	405
1800E 5200N	201	229	< 5	< 0.2	1.98	2	80	< 0.5	< 2	0.27	< 0.5	8	21	25	2.49	< 10	< 1	0.03	< 10	0.37	440
1800E 5225N	201	229	< 5	0.2	1.99	< 2	90	< 0.5	< 2	0.25	< 0.5	8	20	26	2.45	< 10	< 1	0.04	< 10	0.30	365
1800E 5250N	201	229	< 5	0.4	2.40	4	130	< 0.5	< 2	0.32	< 0.5	10	28	44	2.85	< 10	< 1	0.06	< 10	0.55	485
1800E 5275N	201	229	< 5	0.2	2.06	8	70	< 0.5	< 2	0.21	< 0.5	8	17	23	2.15	< 10	< 1	0.03	< 10	0.30	565
1800E 5300N	201	229	< 5	0.2	2.39	10	250	< 0.5	< 2	0.30	< 0.5	8	19	35	2.54	< 10	< 1	0.06	< 10	0.32	255
1800E 5325N	201	229	< 5	0.2	2.07	12	120	< 0.5	< 2	0.20	< 0.5	7	14	18	2.19	< 10	< 1	0.03	< 10	0.27	470
1800E 5350N	201	229	< 5	< 0.2	2.07	6	120	< 0.5	< 2	0.29	< 0.5	8	21	30	2.46	< 10	< 1	0.04	< 10	0.41	585
1800E 5375N	201	229	< 5	0.2	2.44	8	200	< 0.5	6	0.31	< 0.5	8	19	25	2.54	< 10	< 1	0.04	< 10	0.33	265
1800E 5400N	201	229	< 5	0.2	2.03	10	140	< 0.5	< 2	0.27	< 0.5	10	22	41	2.46	< 10	< 1	0.04	< 10	0.51	335
1800E 5425N	201	229	< 5	0.2	2.08	< 2	180	< 0.5	2	0.28	< 0.5	8	20	22	2.43	< 10	< 1	0.04	< 10	0.38	255
1800E 5450N	201	229	< 5	< 0.2	1.84	14	170	< 0.5	< 2	0.25	< 0.5	6	14	15	1.97	< 10	< 1	0.05	< 10	0.29	560
1800E 5475N	201	229	< 5	< 0.2	2.24	14	160	< 0.5	< 2	0.24	< 0.5	7	14	17	2.04	< 10	< 1	0.04	< 10	0.28	500

CERTIFICATION: *Tony Drescher*



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 212 Brooksbank Ave., North Vancouver
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CERTIFICATE OF ANALYSIS

A9323094

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
1800E 4500N	201 229	< 1	0.02	10	1130	48	< 2	3	29	0.14	< 10	< 10	73	< 10	312
1800E 4525N	201 229	< 1	0.02	9	950	40	2	3	26	0.12	< 10	< 10	71	10	256
1800E 4550N	201 229	< 1	0.02	12	700	22	< 2	3	24	0.12	< 10	< 10	67	< 10	210
1800E 4575N	201 229	< 1	0.02	8	1180	26	< 2	1	13	0.10	< 10	< 10	57	< 10	198
1800E 4600N	201 229	< 1	0.02	12	260	26	< 2	4	34	0.13	< 10	< 10	69	< 10	346
1800E 4625N	201 229	< 1	0.02	11	1160	54	< 2	2	15	0.12	< 10	< 10	71	< 10	308
1800E 4650N	201 229	< 1	0.02	11	1100	142	2	2	23	0.13	< 10	< 10	75	< 10	538
1800E 4675N	201 229	< 1	0.02	13	420	42	2	4	33	0.16	< 10	< 10	84	10	716
1800E 4700N	201 229	< 1	0.02	15	520	20	2	4	44	0.19	< 10	< 10	96	10	108
1800E 4725N	201 229	< 1	0.02	13	450	26	< 2	4	42	0.17	< 10	< 10	88	10	214
1800E 4750N	201 229	< 1	0.02	11	860	28	< 2	3	30	0.14	< 10	< 10	80	10	110
1800E 4775N	201 229	< 1	0.02	8	1090	24	< 2	2	14	0.14	< 10	< 10	69	< 10	110
1800E 4800N	201 229	< 1	0.02	10	1140	22	2	2	21	0.11	< 10	< 10	67	< 10	100
1800E 4825N	201 229	< 1	0.02	12	970	14	< 2	2	23	0.12	< 10	< 10	67	< 10	92
1800E 4850N	201 229	< 1	0.02	7	1250	8	< 2	1	12	0.12	< 10	< 10	59	< 10	66
1800E 4875N	201 229	< 1	0.03	4	1050	28	2	1	14	0.10	< 10	< 10	57	< 10	86
1800E 4900N	201 229	< 1	0.02	8	1080	14	< 2	2	18	0.14	< 10	< 10	70	< 10	72
1800E 4925N	201 229	1	0.03	7	1010	16	2	2	16	0.14	< 10	< 10	67	< 10	106
1800E 4950N	201 229	< 1	0.03	12	990	16	2	3	28	0.15	< 10	< 10	78	10	118
1800E 4975N	201 229	< 1	0.02	8	970	22	< 2	3	19	0.14	< 10	< 10	70	10	56
1800E 5000N	201 229	< 1	0.02	10	910	12	2	3	23	0.13	< 10	< 10	73	10	68
1800E 5025N	201 229	< 1	0.02	9	880	14	4	2	27	0.11	< 10	< 10	68	10	66
1800E 5050N	201 229	< 1	0.02	9	330	14	< 2	2	32	0.13	< 10	< 10	61	< 10	94
1800E 5075N	201 229	< 1	0.02	8	1080	4	2	2	18	0.11	< 10	< 10	66	< 10	124
1800E 5100N	201 229	< 1	0.02	8	960	12	2	3	25	0.11	< 10	10	70	< 10	124
1800E 5125N	201 229	1	0.02	6	770	22	< 2	3	41	0.08	< 10	< 10	57	< 10	162
1800E 5150N	201 229	< 1	0.02	9	930	6	2	3	23	0.12	< 10	< 10	71	< 10	76
1800E 5175N	201 229	< 1	0.02	9	860	4	< 2	2	22	0.12	< 10	< 10	69	< 10	70
1800E 5200N	201 229	< 1	0.02	9	970	8	2	2	21	0.13	< 10	< 10	71	< 10	72
1800E 5225N	201 229	< 1	0.03	6	1060	6	< 2	2	19	0.13	< 10	< 10	67	< 10	86
1800E 5250N	201 229	< 1	0.03	12	1120	8	4	3	23	0.14	< 10	< 10	75	< 10	86
1800E 5275N	201 229	1	0.02	8	1130	12	< 2	2	15	0.11	< 10	< 10	56	< 10	66
1800E 5300N	201 229	< 1	0.02	9	880	10	2	2	22	0.12	< 10	< 10	63	< 10	70
1800E 5325N	201 229	< 1	0.02	7	1010	6	2	2	16	0.10	< 10	< 10	56	< 10	88
1800E 5350N	201 229	< 1	0.02	9	1070	18	2	2	21	0.11	< 10	< 10	66	< 10	76
1800E 5375N	201 229	< 1	0.02	8	880	18	< 2	2	21	0.09	< 10	< 10	59	< 10	74
1800E 5400N	201 229	< 1	0.02	9	1440	8	< 2	2	19	0.10	< 10	< 10	65	< 10	80
1800E 5425N	201 229	< 1	0.02	9	840	2	2	2	20	0.11	< 10	< 10	65	< 10	62
1800E 5450N	201 229	< 1	0.02	7	980	2	2	2	17	0.09	< 10	< 10	49	< 10	72
1800E 5475N	201 229	< 1	0.03	9	1200	12	< 2	2	16	0.10	< 10	< 10	49	< 10	84

CERTIFICATION: *Hart Bickler*



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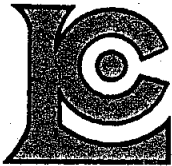
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CERTIFICATE OF ANALYSIS A9323094

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
1800E 5500N	201 229	< 5	< 0.2	2.85	20	210	0.5	2	0.35	< 0.5	11	27	41	3.07	< 10	< 1	0.08	< 10	0.69	345
3000E 4500N	201 229	< 5	0.2	1.83	4	120	< 0.5	< 2	0.17	< 0.5	6	15	19	1.96	< 10	< 1	0.03	< 10	0.22	215
3000E 4525N	201 229	< 5	< 0.2	1.53	6	150	< 0.5	< 2	0.20	< 0.5	7	16	21	1.84	< 10	< 1	0.04	< 10	0.30	285
3000E 4550N	201 229	< 5	0.6	2.22	< 2	260	< 0.5	2	0.18	< 0.5	7	18	28	2.08	< 10	< 1	0.05	10	0.30	165
3000E 4575N	201 229	< 5	< 0.2	0.73	2	120	< 0.5	4	0.20	< 0.5	3	10	13	1.73	< 10	< 1	0.07	10	0.22	90
3000E 4600N	201 229	< 5	0.4	0.69	< 2	120	< 0.5	< 2	0.11	< 0.5	2	7	9	1.22	< 10	< 1	0.03	10	0.08	55
3000E 4625N	201 229	< 5	< 0.2	1.36	2	180	< 0.5	< 2	0.26	< 0.5	5	23	17	1.85	< 10	< 1	0.06	10	0.30	125
3000E 4650N	201 229	< 5	0.4	0.95	4	110	< 0.5	< 2	0.14	< 0.5	2	8	10	1.41	< 10	< 1	0.03	< 10	0.13	85
3000E 4675N	201 229	< 5	0.2	1.01	4	120	< 0.5	4	0.28	< 0.5	3	14	11	1.59	< 10	< 1	0.04	10	0.19	105
3000E 4700N	201 229	< 5	0.2	0.99	< 2	120	< 0.5	6	0.20	< 0.5	3	10	9	1.37	< 10	< 1	0.03	< 10	0.14	80
3000E 4725N	201 229	< 5	0.2	0.80	2	120	< 0.5	< 2	0.18	< 0.5	1	9	8	1.26	< 10	< 1	0.04	10	0.14	70
3000E 4750N	201 229	< 5	< 0.2	1.07	4	130	< 0.5	< 2	0.13	< 0.5	2	10	7	1.29	< 10	< 1	0.02	< 10	0.10	60
3000E 4775N	201 229	< 5	< 0.2	0.77	12	120	< 0.5	2	0.15	< 0.5	1	9	8	1.32	< 10	< 1	0.04	10	0.13	60
3000E 4800N	201 229	< 5	0.4	1.06	10	260	0.5	6	0.21	< 0.5	2	13	18	1.37	< 10	< 1	0.04	10	0.18	145
3000E 4825N	201 229	< 5	0.2	1.16	2	130	< 0.5	2	0.15	< 0.5	3	11	9	1.45	< 10	< 1	0.03	< 10	0.13	80
3000E 4850N	201 229	< 5	0.4	1.77	< 2	120	< 0.5	2	0.14	< 0.5	4	12	11	1.70	< 10	< 1	0.03	< 10	0.14	95
3000E 4875N	201 229	< 5	0.2	1.58	16	250	0.5	< 2	0.28	< 0.5	7	20	35	2.47	< 10	< 1	0.06	20	0.36	175
3000E 4900N	201 229	< 5	< 0.2	0.87	10	190	< 0.5	2	0.26	< 0.5	3	14	14	1.68	< 10	< 1	0.04	10	0.22	105
3000E 4925N	201 229	< 5	< 0.2	0.83	< 2	200	< 0.5	2	0.22	< 0.5	3	16	14	1.73	< 10	< 1	0.08	10	0.23	115
3000E 4950N	201 229	< 5	0.2	1.32	6	540	< 0.5	< 2	0.30	< 0.5	4	16	56	1.92	< 10	< 1	0.04	40	0.21	115
3000E 4975N	201 229	< 5	0.2	1.48	2	240	< 0.5	< 2	0.28	< 0.5	7	20	22	2.58	< 10	< 1	0.06	< 10	0.30	160
3000E 5000N	201 229	< 5	0.2	1.46	8	460	< 0.5	4	0.32	< 0.5	6	16	35	2.15	< 10	< 1	0.06	10	0.30	190
3000E 5025N	201 229	< 5	0.4	1.31	< 2	210	< 0.5	< 2	0.16	< 0.5	3	10	16	1.68	< 10	< 1	0.04	< 10	0.12	90
3000E 5050N	201 229	< 5	0.2	1.64	12	150	< 0.5	< 2	0.16	< 0.5	5	13	20	2.09	< 10	< 1	0.04	< 10	0.22	150
3000E 5075N	201 229	< 5	0.2	1.51	< 2	120	< 0.5	2	0.15	< 0.5	5	12	15	1.88	< 10	< 1	0.04	< 10	0.16	140
3000E 5100N	201 229	< 5	0.2	1.26	4	140	< 0.5	4	0.24	< 0.5	4	16	17	2.02	< 10	< 1	0.04	10	0.21	150
3000E 5125N	201 229	< 5	0.2	1.31	2	150	< 0.5	< 2	0.29	< 0.5	3	15	15	1.61	< 10	< 1	0.06	10	0.24	125
3000E 5150N	201 229	50	3.0	10.30	22	530	0.5	4	0.34	< 0.5	9	20	112	7.91	10	< 1	0.09	40	0.17	555
3000E 5175N	201 229	< 5	0.2	1.43	< 2	180	< 0.5	2	0.30	< 0.5	4	14	17	1.87	< 10	< 1	0.08	20	0.22	155
3000E 5200N	201 229	< 5	0.2	0.76	4	180	< 0.5	< 2	0.25	< 0.5	2	12	12	1.56	< 10	< 1	0.11	30	0.18	90
3000E 5225N	201 229	< 5	0.2	1.00	2	230	< 0.5	< 2	0.20	< 0.5	2	10	10	1.44	< 10	< 1	0.10	30	0.15	75
3000E 5250N	201 229	< 5	0.2	1.24	< 2	120	< 0.5	< 2	0.51	< 0.5	9	25	40	2.54	< 10	< 1	0.13	10	0.67	290
3000E 5275N	201 229	< 5	0.2	0.44	8	180	< 0.5	< 2	0.08	< 0.5	1	6	7	0.98	< 10	< 1	0.10	40	0.07	35
3000E 5300N	201 229	< 5	0.4	1.38	< 2	230	< 0.5	< 2	0.23	< 0.5	4	18	15	2.02	< 10	< 1	0.07	10	0.21	155
3000E 5325N	201 229	30	0.2	3.39	14	620	< 0.5	< 2	0.34	< 0.5	20	29	67	11.40	10	< 1	0.17	30	0.35	3740
3000E 5350N	201 229	10	0.2	0.97	4	210	< 0.5	< 2	0.03	< 0.5	2	8	17	5.71	10	< 1	0.12	20	0.03	70
3000E 5375N	201 229	< 5	0.6	1.59	< 2	120	< 0.5	< 2	0.05	< 0.5	3	8	14	1.57	< 10	< 1	0.06	20	0.07	610
3000E 5400N	201 229	15	1.2	1.13	4	230	< 0.5	< 2	0.04	< 0.5	1	9	21	2.65	10	< 1	0.10	30	0.09	210
3000E 5425N	201 229	< 5	0.6	1.06	4	210	< 0.5	< 2	0.10	< 0.5	2	8	17	1.87	10	< 1	0.12	30	0.09	280
3000E 5450N	201 229	< 5	0.4	1.10	< 2	140	< 0.5	2	0.09	< 0.5	2	9	12	1.86	< 10	< 1	0.08	20	0.07	95

CERTIFICATION:

Anthony Beckler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Page Number :2-B
Total Pages :3
Certificate Date: 21-OCT-93
Invoice No. : I9323094
P.O. Number :
Account : KAR

Project : SIWASH
Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323094

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
1800E 5500N	201 229	< 1	0.02	14	700	14	4	5	26	0.17	< 10	< 10	83	10	76
3000E 4500N	201 229	< 1	0.02	9	830	14	< 2	2	16	0.09	< 10	< 10	50	< 10	114
3000E 4525N	201 229	< 1	0.01	7	550	30	< 2	2	18	0.08	< 10	< 10	44	< 10	170
3000E 4550N	201 229	< 1	0.02	11	810	30	< 2	2	21	0.08	< 10	< 10	46	< 10	174
3000E 4575N	201 229	1	0.01	3	370	42	< 2	1	19	0.05	< 10	< 10	35	< 10	72
3000E 4600N	201 229	1	0.01	2	300	36	< 2	< 1	13	0.02	< 10	< 10	24	< 10	62
3000E 4625N	201 229	< 1	0.02	10	380	28	2	1	25	0.08	< 10	< 10	47	< 10	190
3000E 4650N	201 229	< 1	0.01	4	570	18	< 2	1	15	0.04	< 10	< 10	32	< 10	62
3000E 4675N	201 229	< 1	0.02	6	500	24	4	1	23	0.07	< 10	< 10	43	< 10	68
3000E 4700N	201 229	< 1	0.01	3	470	20	2	1	21	0.06	< 10	< 10	34	< 10	78
3000E 4725N	201 229	< 1	0.01	3	240	38	< 2	1	27	0.06	< 10	< 10	33	< 10	78
3000E 4750N	201 229	< 1	0.02	4	330	20	< 2	1	20	0.06	< 10	< 10	32	< 10	80
3000E 4775N	201 229	1	0.01	2	290	32	2	1	22	0.05	< 10	< 10	32	< 10	60
3000E 4800N	201 229	1	0.02	4	230	36	< 2	1	33	0.06	< 10	< 10	32	< 10	204
3000E 4825N	201 229	< 1	0.02	4	430	26	2	1	19	0.07	< 10	< 10	36	< 10	102
3000E 4850N	201 229	< 1	0.03	4	650	20	< 2	1	16	0.09	< 10	< 10	41	< 10	200
3000E 4875N	201 229	1	0.02	9	470	36	< 2	3	38	0.11	< 10	< 10	60	< 10	430
3000E 4900N	201 229	< 1	0.01	6	200	30	2	1	31	0.08	< 10	< 10	47	< 10	150
3000E 4925N	201 229	< 1	0.01	4	420	32	< 2	1	21	0.07	< 10	< 10	44	< 10	78
3000E 4950N	201 229	< 1	0.02	6	210	32	2	4	48	0.07	< 10	< 10	41	< 10	164
3000E 4975N	201 229	< 1	0.03	8	870	32	4	2	35	0.10	< 10	< 10	63	< 10	178
3000E 5000N	201 229	2	0.03	7	290	28	< 2	2	38	0.10	< 10	< 10	47	< 10	146
3000E 5025N	201 229	< 1	0.03	4	590	20	2	1	20	0.07	< 10	< 10	35	< 10	102
3000E 5050N	201 229	< 1	0.02	6	950	24	2	1	16	0.08	< 10	< 10	47	< 10	144
3000E 5075N	201 229	< 1	0.02	6	1000	22	2	1	14	0.08	< 10	< 10	43	< 10	134
3000E 5100N	201 229	< 1	0.02	6	1060	24	2	1	22	0.07	< 10	< 10	49	< 10	158
3000E 5125N	201 229	1	0.02	6	150	24	4	1	24	0.10	< 10	< 10	47	< 10	124
3000E 5150N	201 229	1	0.01	18	840	58	< 2	13	49	0.03	< 10	< 10	25	20	354
3000E 5175N	201 229	< 1	0.02	6	440	32	2	2	31	0.08	< 10	< 10	50	< 10	154
3000E 5200N	201 229	< 1	0.01	3	350	48	< 2	1	48	0.06	< 10	< 10	40	< 10	80
3000E 5225N	201 229	< 1	0.02	3	420	46	< 2	1	75	0.04	< 10	< 10	31	< 10	112
3000E 5250N	201 229	< 1	0.02	9	980	18	< 2	2	35	0.11	< 10	< 10	84	< 10	72
3000E 5275N	201 229	< 1	0.01	< 1	290	62	< 2	< 1	37	0.01	< 10	< 10	18	< 10	40
3000E 5300N	201 229	< 1	0.02	6	300	26	< 2	1	30	0.08	< 10	< 10	49	< 10	152
3000E 5325N	201 229	4	0.01	14	630	90	< 2	7	62	0.03	< 10	< 10	64	10	502
3000E 5350N	201 229	< 1	0.02	< 1	690	40	< 2	2	231	0.01	< 10	< 10	23	< 10	46
3000E 5375N	201 229	< 1	0.02	2	800	24	< 2	1	59	0.03	< 10	< 10	30	< 10	128
3000E 5400N	201 229	1	0.02	2	950	72	2	2	35	0.03	< 10	< 10	34	< 10	74
3000E 5425N	201 229	< 1	0.02	2	510	138	< 2	1	43	0.02	< 10	< 10	30	< 10	180
3000E 5450N	201 229	< 1	0.02	1	620	212	< 2	< 1	24	0.02	< 10	< 10	32	< 10	178

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
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Project : SIWASH
 Comments: ATTN: TONY DRESCHER CC: AL MONTGOMERY CC: DOUG FULCHER

CERTIFICATE OF ANALYSIS A9323094

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			FA+AA	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
3000E 5475N	201	229	< 5	0.4	1.08	4	250	< 0.5	< 2	0.22	< 0.5	2	14	14	2.38	< 10	< 1	0.10	20	0.14	170
3000E 5500N	201	229	< 5	0.4	1.33	< 2	120	< 0.5	< 2	0.15	< 0.5	3	10	9	1.57	< 10	< 1	0.06	10	0.10	140
3400E 4500N	201	229	< 5	0.4	1.64	6	130	< 0.5	< 2	0.19	< 0.5	7	18	16	2.16	< 10	< 1	0.02	< 10	0.24	235
3400E 4525N	201	229	< 5	0.2	1.60	2	320	< 0.5	6	0.37	< 0.5	6	25	31	2.51	< 10	< 1	0.10	20	0.47	190
3400E 4550N	201	229	35	0.4	1.68	< 2	190	< 0.5	4	0.26	< 0.5	7	20	19	2.33	< 10	< 1	0.06	10	0.32	295
3400E 4575N	201	229	< 5	0.2	1.51	< 2	190	< 0.5	2	0.25	< 0.5	8	19	18	2.13	< 10	2	0.05	10	0.31	290
3400E 4600N	201	229	< 5	0.2	1.25	< 2	190	< 0.5	< 2	0.29	< 0.5	6	18	18	2.12	< 10	< 1	0.04	10	0.25	190
3400E 4625N	201	229	20	0.4	1.32	< 2	370	< 0.5	6	0.34	< 0.5	5	18	34	1.77	10	< 1	0.04	30	0.26	145
3400E 4650N	201	229	< 5	0.2	1.22	8	300	< 0.5	2	0.38	< 0.5	6	21	28	2.20	< 10	< 1	0.07	30	0.37	235
3400E 4675N	201	229	< 5	0.2	0.84	6	140	< 0.5	2	0.18	< 0.5	3	14	13	1.62	< 10	< 1	0.03	10	0.15	70
3400E 4700N	201	229	< 5	0.2	0.97	6	170	< 0.5	2	0.20	< 0.5	3	17	15	1.94	< 10	< 1	0.07	20	0.19	115
3400E 4725N	201	229	< 5	0.4	1.26	< 2	140	< 0.5	2	0.20	< 0.5	4	13	13	1.76	< 10	< 1	0.03	10	0.16	165
3400E 4750N	201	229	10	0.2	0.73	14	90	< 0.5	4	0.27	< 0.5	4	16	13	1.96	< 10	< 1	0.06	10	0.23	150
3400E 4775N	201	229	< 5	0.2	0.84	6	110	< 0.5	< 2	0.22	< 0.5	2	11	9	1.45	< 10	< 1	0.12	10	0.15	340
3400E 4800N	201	229	130	0.6	1.04	8	90	< 0.5	4	0.25	< 0.5	2	8	11	1.51	10	< 1	0.09	20	0.10	415
3400E 4825N	201	229	15	0.4	1.55	< 2	120	< 0.5	2	0.15	< 0.5	2	9	6	1.42	10	< 1	0.04	10	0.09	375
3400E 4850N	201	229	< 5	0.4	1.00	< 2	90	< 0.5	4	0.14	< 0.5	1	9	5	1.29	10	< 1	0.04	10	0.09	285
3400E 4875N	201	229	< 5	0.6	1.51	< 2	80	< 0.5	< 2	0.12	< 0.5	2	10	7	1.39	10	< 1	0.03	10	0.08	290
3400E 4900N	201	229	< 5	0.2	1.47	< 2	120	< 0.5	2	0.16	< 0.5	2	12	10	1.61	10	< 1	0.05	20	0.14	170
3400E 4925N	201	229	< 5	< 0.2	1.74	< 2	70	< 0.5	2	0.11	< 0.5	3	9	8	1.74	10	< 1	0.02	< 10	0.11	635
3400E 4950N	201	229	< 5	0.2	1.57	< 2	90	< 0.5	< 2	0.17	< 0.5	3	11	8	1.52	< 10	< 1	0.04	10	0.12	395
3400E 4975N	201	229	< 5	0.6	1.98	4	110	< 0.5	4	0.16	< 0.5	3	13	11	1.67	10	< 1	0.03	70	0.11	190

CERTIFICATION:

Hunt Buchler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
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VANCOUVER, BC
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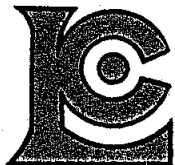
CERTIFICATE OF ANALYSIS

A9323094

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
3000E 5475N	201 229	< 1	0.04	4	360	108	< 2	1	64	0.05	< 10	< 10	44	< 10	436
3000E 5500N	201 229	< 1	0.02	3	410	38	2	1	27	0.04	< 10	< 10	34	< 10	258
3400E 4500N	201 229	1	0.03	7	930	28	< 2	1	18	0.09	< 10	< 10	59	< 10	172
3400E 4525N	201 229	1	0.02	10	410	38	2	3	65	0.10	< 10	< 10	72	< 10	268
3400E 4550N	201 229	1	0.03	8	1130	36	< 2	2	46	0.08	< 10	< 10	63	< 10	284
3400E 4575N	201 229	1	0.02	8	830	40	< 2	2	35	0.07	< 10	< 10	56	< 10	310
3400E 4600N	201 229	1	0.02	7	920	30	2	1	35	0.06	< 10	< 10	57	< 10	194
3400E 4625N	201 229	1	0.02	8	250	26	< 2	2	38	0.08	< 10	< 10	44	< 10	174
3400E 4650N	201 229	< 1	0.02	9	260	30	4	3	38	0.09	< 10	< 10	55	< 10	162
3400E 4675N	201 229	1	0.01	2	670	32	< 2	1	26	0.04	< 10	< 10	41	< 10	72
3400E 4700N	201 229	1	0.01	6	840	48	< 2	1	34	0.05	< 10	< 10	45	< 10	96
3400E 4725N	201 229	< 1	0.02	6	1220	34	< 2	1	40	0.04	< 10	< 10	43	< 10	176
3400E 4750N	201 229	1	0.01	6	780	50	< 2	1	98	0.04	< 10	< 10	51	< 10	158
3400E 4775N	201 229	1	0.01	4	530	38	< 2	1	68	0.03	< 10	< 10	35	< 10	132
3400E 4800N	201 229	3	0.01	< 1	380	112	2	1	39	0.03	< 10	< 10	30	< 10	190
3400E 4825N	201 229	< 1	0.02	4	720	50	< 2	1	35	0.06	< 10	< 10	33	< 10	288
3400E 4850N	201 229	1	0.01	3	370	46	< 2	1	73	0.04	< 10	< 10	31	< 10	170
3400E 4875N	201 229	1	0.03	2	390	38	< 2	1	19	0.07	< 10	< 10	35	< 10	232
3400E 4900N	201 229	1	0.03	4	510	34	2	1	40	0.07	< 10	< 10	40	< 10	286
3400E 4925N	201 229	1	0.02	3	630	30	< 2	1	19	0.08	< 10	< 10	43	< 10	138
3400E 4950N	201 229	< 1	0.02	4	460	46	< 2	1	31	0.06	< 10	< 10	36	< 10	258
3400E 4975N	201 229	1	0.03	4	380	42	< 2	1	29	0.06	< 10	< 10	38	< 10	364

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9322927

Comments: CC: PAMICON DEVELOPMENTS LTD

CERTIFICATE

A9322927

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

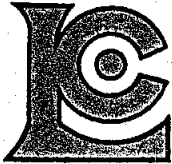
Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
208	1	Assay ring to approx 150 mesh
274	1	0-15 lb crush and split

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
398	1	Au oz/T: 1/2 assay ton	FA-AAS	0.002	20.00
385	1	Ag oz/T: Reverse Aqua-Regia dig'n	AAS	0.01	20.0
301	1	Cu %: Reverse Aqua-Regia digest	AAS	0.01	100.0
312	1	Pb %: Reverse Aqua-Regia digest	AAS	0.01	100.0
316	1	Zn %: Reverse Aqua-Regia digest	AAS	0.01	100.0



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

**

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Account : KAR

Project : SIWASH
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A9322927

SAMPLE	PREP CODE		Au oz/T	Ag oz/T	Cu %	Pb %	Zn %					
	460654	208	274	0.002	1.24	0.12	0.18	3.22				

CERTIFICATION:

Said Zeinab



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INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-OCT-93.

SAMPLE PREPARATION

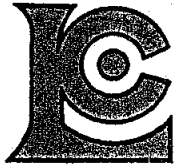
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	9	Geochem ring to approx 150 mesh 0-15 lb crush and split ICP - AQ Digestion charge
274	9	
229	9	

* 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	9	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	9	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	9	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	9	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	9	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	9	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	9	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	9	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	9	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	9	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	9	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	9	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	9	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	9	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	9	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	9	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	9	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	9	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	9	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	9	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	9	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	9	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	9	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	9	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	9	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	9	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	9	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	9	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	9	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	9	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	9	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	9	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	9	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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Project : SIWASH
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CERTIFICATE OF ANALYSIS

A9322926

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
460598	205	274	15	1.4	0.55	12	350	1.0	2	0.10	1.5	5	112	34	3.93	< 10	< 1	0.47	20	0.03	4280
460599	205	274	< 5	< 0.2	0.26	< 2	40	< 0.5	< 2	0.11	< 0.5	1	245	3	0.57	< 10	< 1	0.15	< 10	0.06	215
460600	205	274	45	2.2	0.67	26	130	0.5	< 2	0.29	2.0	7	139	60	3.07	< 10	< 1	0.51	10	0.06	8190
460651	205	274	25	2.2	0.68	48	40	0.5	4	0.14	2.0	7	114	14	6.83	< 10	< 1	0.44	10	0.05	1455
460652	205	274	5	0.2	0.78	28	290	1.0	< 2	0.10	0.5	8	142	18	4.33	10	< 1	0.47	30	0.04	5300
460653	205	274	40	59.2	0.25	22	20	< 0.5	42	0.04	2.0	7	207	>10000	9.04	< 10	< 1	0.16	10	0.01	325
460655	205	274	< 5	3.2	0.74	10	350	0.5	6	0.04	1.0	1	140	66	1.15	< 10	< 1	0.61	40	0.02	275
460656	205	274	< 5	6.2	0.67	10	60	0.5	14	0.07	7.5	1	107	172	2.52	10	< 1	0.55	20	0.02	290
460657	205	274	< 5	2.4	0.95	8	260	0.5	2	0.07	5.5	2	167	59	1.70	< 10	< 1	0.71	40	0.03	1955

CERTIFICATION:

Hart Buchler



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212 Brooksbank Ave., North Vancouver
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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
460598	205 274	3 < 0.01		11	420	1105	< 2	1	17	< 0.01	< 10	< 10	3	< 10	1680
460599	205 274	< 1	0.04	5	80	8	< 2	< 1	6	< 0.01	< 10	< 10	3	< 10	20
460600	205 274	4 < 0.01		7	770	856	< 2	1	28	< 0.01	< 10	< 10	4	< 10	1280
460651	205 274	4 < 0.01		8	350	492	< 2	1	11	< 0.01	< 10	< 10	5	< 10	1160
460652	205 274	9 < 0.01		6	470	72	< 2	1	10	< 0.01	< 10	< 10	6	< 10	472
460653	205 274	2 < 0.01		7	< 10	792	40	< 1	3	< 0.01	< 10	< 10	1	< 10	1190
460655	205 274	2 < 0.01		2	190	490	< 2	< 1	12	< 0.01	< 10	< 10	2	< 10	648
460656	205 274	2 < 0.01		4	260	342	< 2	< 1	12	< 0.01	< 10	< 10	2	< 10	4070
460657	205 274	2 < 0.01		3	240	2230	< 2	< 1	11	< 0.01	< 10	< 10	2	< 10	3150

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Hart Buehler



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To: INTERNATIONAL TOWER HILL MINES
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Comments: CC: PAMICON DEVELOPMENTS LTD.

CERTIFICATE

A9322924

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 19-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
241	61	RUSH: Dry, sieve to -80 mesh
229	61	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
990	61	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	61	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	61	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	61	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	61	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	61	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	61	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	61	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	61	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	61	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	61	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	61	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	61	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	61	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	61	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	61	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	61	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	61	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	61	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	61	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	61	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	61	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	61	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	61	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	61	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	61	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	61	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	61	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	61	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	61	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	61	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	61	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	61	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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CERTIFICATE OF ANALYSIS

A9322924

SAMPLE	PREP CODE	Au ppb RUSH	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
L4900E 2925N	241 229	< 5	0.2	0.98	4	120	< 0.5	< 2	0.36	< 0.5	6	20	25	2.24	< 10	< 1	0.17	10	0.32	485
L4900E 2950N	241 229	5	< 0.2	0.99	2	110	< 0.5	< 2	0.37	< 0.5	5	20	17	2.20	< 10	< 1	0.14	10	0.37	265
L4900E 2975N	241 229	< 5	< 0.2	0.85	< 2	90	< 0.5	< 2	0.27	< 0.5	4	20	12	1.85	< 10	< 1	0.09	10	0.23	175
L4900E 3000N	241 229	< 5	< 0.2	1.13	< 2	130	< 0.5	< 2	0.26	< 0.5	5	20	16	1.86	< 10	< 1	0.10	10	0.23	360
L4900E 3025N	241 229	< 5	< 0.2	1.01	< 2	90	< 0.5	< 2	0.30	< 0.5	5	22	17	1.99	< 10	< 1	0.11	10	0.31	200
L4900E 3050N	241 229	< 5	0.2	2.08	< 2	140	< 0.5	< 2	0.31	0.5	8	24	26	2.47	< 10	< 1	0.10	< 10	0.38	270
L4900E 3075N	241 229	155	3.4	1.81	6	230	0.5	< 2	0.45	0.5	8	22	51	3.08	< 10	< 1	0.15	10	0.38	770
L4900E 3100N	241 229	< 5	1.6	2.66	4	370	0.5	< 2	0.45	< 0.5	7	16	53	2.57	10	< 1	0.10	30	0.25	965
L4900E 3125N	241 229	< 5	0.2	1.88	< 2	270	0.5	< 2	0.26	0.5	4	12	13	2.16	< 10	< 1	0.06	10	0.14	610
L4900E 3150N	241 229	60	0.2	1.25	2	140	< 0.5	< 2	0.68	< 0.5	8	27	33	2.60	< 10	< 1	0.08	20	0.48	575
L4900E 3175N	241 229	235	0.2	1.57	< 2	120	< 0.5	< 2	0.32	< 0.5	6	21	18	2.12	< 10	< 1	0.05	10	0.26	475
L4900E 3200N	241 229	< 5	0.2	1.54	< 2	130	< 0.5	< 2	0.28	< 0.5	5	15	12	1.90	< 10	< 1	0.06	10	0.22	580
L4900E 3225N	241 229	< 5	1.6	3.28	10	360	0.5	< 2	0.94	1.0	11	48	96	3.20	10	< 1	0.18	20	0.56	1095
L4925E 2925N	241 229	120	0.4	2.97	6	280	0.5	< 2	0.99	< 0.5	20	35	212	4.96	10	< 1	0.48	20	1.46	1145
L4925E 2950N	241 229	< 5	< 0.2	1.71	< 2	160	< 0.5	< 2	0.38	< 0.5	7	21	40	2.49	< 10	< 1	0.15	10	0.43	705
L4925E 2975N	241 229	< 5	0.2	0.80	4	90	< 0.5	< 2	0.34	< 0.5	4	20	14	1.92	< 10	< 1	0.11	10	0.23	215
L4925E 3000N	241 229	< 5	0.2	1.11	< 2	130	< 0.5	< 2	0.29	< 0.5	5	19	15	1.93	< 10	< 1	0.09	10	0.23	375
L4925E 3025N	241 229	< 5	< 0.2	1.27	< 2	130	< 0.5	< 2	0.32	< 0.5	6	22	15	2.13	< 10	< 1	0.09	10	0.32	255
L4925E 3050N	241 229	< 5	0.2	1.59	< 2	210	< 0.5	< 2	0.33	< 0.5	6	16	17	1.89	< 10	< 1	0.04	10	0.20	855
L4925E 3075N	241 229	< 5	0.2	1.72	< 2	190	< 0.5	< 2	0.23	0.5	6	15	17	2.00	< 10	< 1	0.07	10	0.22	435
L4925E 3100N	241 229	< 5	0.2	1.76	< 2	180	< 0.5	< 2	0.25	0.5	6	16	14	1.80	< 10	< 1	0.08	10	0.20	715
L4925E 3125N	241 229	< 5	0.2	1.81	< 2	190	< 0.5	< 2	0.25	< 0.5	6	19	17	1.92	< 10	< 1	0.11	10	0.22	410
L4950E 2925N	241 229	< 5	0.2	1.16	6	150	< 0.5	< 2	0.58	< 0.5	10	33	32	3.54	< 10	< 1	0.09	20	0.48	865
L4950E 2950N	241 229	< 5	< 0.2	1.31	< 2	140	< 0.5	< 2	0.59	< 0.5	10	30	34	2.83	< 10	< 1	0.07	20	0.45	530
L4950E 2975N	241 229	< 5	0.4	1.19	2	140	< 0.5	< 2	0.76	< 0.5	6	26	30	2.11	< 10	< 1	0.08	20	0.41	220
L4950E 3000N	241 229	105	4.0	0.53	8	310	1.0	< 2	0.87	4.5	7	8	106	2.63	< 10	< 1	0.22	30	0.13	3900
L4950E 3025N	241 229	< 5	0.2	2.10	< 2	260	0.5	< 2	0.41	0.5	9	19	39	2.86	10	< 1	0.21	20	0.46	1245
L4950E 3050N	241 229	< 5	0.2	1.20	2	120	< 0.5	< 2	0.32	< 0.5	6	17	17	1.95	< 10	< 1	0.10	10	0.28	300
L4950E 3075N	241 229	< 5	< 0.2	1.90	< 2	180	< 0.5	< 2	0.37	0.5	9	23	34	2.49	< 10	< 1	0.16	10	0.43	460
L4950E 3100N	241 229	< 5	0.2	1.03	< 2	120	< 0.5	< 2	0.26	< 0.5	6	18	9	2.08	< 10	< 1	0.13	10	0.25	250
L4950E 3125N	241 229	< 5	0.2	1.31	< 2	160	< 0.5	< 2	0.29	< 0.5	6	20	15	2.11	< 10	< 1	0.15	10	0.28	405
L4975E 2925N	241 229	< 5	0.4	2.08	< 2	380	0.5	< 2	0.33	< 0.5	6	17	18	2.04	< 10	< 1	0.08	10	0.23	385
L4975E 2950N	241 229	< 5	0.4	1.11	< 2	190	< 0.5	< 2	0.38	< 0.5	5	18	17	1.89	< 10	< 1	0.11	10	0.26	415
L4975E 2975N	241 229	15	4.8	0.63	54	290	0.5	< 2	0.23	2.0	5	10	30	3.03	< 10	< 1	0.29	30	0.12	3900
L4975E 3000N	241 229	< 5	2.6	2.06	< 2	380	0.5	< 2	0.63	1.0	4	17	65	2.20	10	< 1	0.16	30	0.21	975
L4975E 3025N	241 229	20	1.0	1.16	< 2	170	< 0.5	< 2	0.32	< 0.5	5	17	26	1.99	< 10	< 1	0.13	20	0.22	510
L4975E 3050N	241 229	< 5	0.6	1.75	< 2	210	< 0.5	< 2	0.35	< 0.5	7	23	38	2.26	< 10	< 1	0.14	20	0.36	510
L4975E 3075N	241 229	< 5	0.2	1.33	< 2	160	< 0.5	< 2	0.21	0.5	6	16	11	1.77	< 10	< 1	0.09	< 10	0.23	350
L4975E 3100N	241 229	25	< 0.2	1.08	< 2	120	< 0.5	< 2	0.30	< 0.5	7	23	16	2.30	< 10	< 1	0.15	10	0.32	295
L4975E 3125N	241 229	15	< 0.2	1.70	< 2	130	< 0.5	< 2	0.25	< 0.5	7	19	17	2.17	< 10	< 1	0.09	< 10	0.31	455

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS

A9322924

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L4900E 2925N	241	229	< 1	0.01	7	800	42	< 2	3	25	0.08	< 10	< 10	59	< 10	176
L4900E 2950N	241	229	< 1	0.01	5	800	18	< 2	3	26	0.08	< 10	< 10	62	< 10	90
L4900E 2975N	241	229	< 1	0.01	7	520	18	< 2	2	20	0.08	< 10	< 10	52	< 10	70
L4900E 3000N	241	229	< 1	0.01	8	920	26	< 2	2	21	0.07	< 10	< 10	47	< 10	124
L4900E 3025N	241	229	< 1	0.01	8	680	8	< 2	2	22	0.08	< 10	< 10	56	< 10	88
L4900E 3050N	241	229	< 1	0.02	11	900	20	< 2	3	22	0.11	< 10	< 10	62	< 10	256
L4900E 3075N	241	229	< 1	0.02	10	550	208	< 2	3	33	0.07	< 10	< 10	56	< 10	810
L4900E 3100N	241	229	< 1	0.02	10	800	196	< 2	3	41	0.07	< 10	< 10	41	< 10	872
L4900E 3125N	241	229	< 1	0.03	4	790	88	< 2	1	22	0.03	< 10	< 10	33	< 10	614
L4900E 3150N	241	229	< 1	0.02	10	840	56	< 2	3	52	0.08	< 10	< 10	73	< 10	192
L4900E 3175N	241	229	< 1	0.02	6	940	28	< 2	2	24	0.07	< 10	< 10	53	< 10	230
L4900E 3200N	241	229	< 1	0.02	7	830	48	< 2	2	20	0.06	< 10	< 10	43	< 10	316
L4900E 3225N	241	229	< 1	0.02	14	700	52	< 2	9	76	0.10	< 10	< 10	67	< 10	1105
L4925E 2925N	241	229	< 1	0.01	17	1730	8	< 4	13	64	0.21	< 10	< 10	145	20	1610
L4925E 2950N	241	229	< 1	0.01	9	1020	36	< 2	3	26	0.10	< 10	< 10	64	< 10	446
L4925E 2975N	241	229	< 1	0.01	6	700	20	< 2	2	24	0.07	< 10	< 10	54	< 10	78
L4925E 3000N	241	229	< 1	0.01	6	870	28	< 2	2	23	0.07	< 10	< 10	51	< 10	132
L4925E 3025N	241	229	< 1	0.01	8	910	26	< 2	2	23	0.08	< 10	< 10	56	< 10	190
L4925E 3050N	241	229	< 1	0.02	7	1170	32	< 2	1	25	0.07	< 10	< 10	43	< 10	512
L4925E 3075N	241	229	< 1	0.01	5	1110	44	< 2	2	19	0.06	< 10	< 10	42	< 10	438
L4925E 3100N	241	229	< 1	0.02	8	2050	20	< 2	2	18	0.06	< 10	< 10	39	< 10	292
L4925E 3125N	241	229	< 1	0.02	8	1210	24	< 2	2	21	0.08	< 10	< 10	43	< 10	254
L4950E 2925N	241	229	< 1	0.02	11	810	64	< 2	3	55	0.09	< 10	< 10	108	< 10	244
L4950E 2950N	241	229	< 1	0.02	10	830	46	< 2	4	41	0.09	< 10	< 10	80	< 10	174
L4950E 2975N	241	229	< 1	0.02	7	850	42	< 2	3	59	0.08	< 10	< 10	65	< 10	242
L4950E 3000N	241	229	2	< 0.01	2	730	2330	< 2	1	37	< 0.01	< 10	< 10	14	< 10	1985
L4950E 3025N	241	229	1	0.02	8	920	94	< 2	4	36	0.10	< 10	< 10	62	< 10	826
L4950E 3050N	241	229	< 1	0.01	7	1160	20	< 2	2	21	0.06	< 10	< 10	47	< 10	280
L4950E 3075N	241	229	< 1	0.01	10	1210	24	< 2	3	26	0.10	< 10	< 10	62	< 10	378
L4950E 3100N	241	229	< 1	< 0.01	4	700	24	< 2	2	19	0.06	< 10	< 10	51	< 10	138
L4975E 3125N	241	229	< 1	0.01	8	720	24	< 2	2	22	0.08	< 10	< 10	54	< 10	182
L4975E 2925N	241	229	< 1	0.02	6	490	58	< 2	3	38	0.08	< 10	< 10	43	< 10	270
L4975E 2950N	241	229	< 1	0.01	7	590	48	< 2	3	34	0.06	< 10	< 10	42	< 10	328
L4975E 2975N	241	229	2	< 0.01	4	710	750	< 4	2	25	< 0.01	< 10	< 10	20	< 10	1645
L4975E 3000N	241	229	1	0.02	6	400	104	< 2	3	63	0.06	< 10	< 10	38	< 10	994
L4975E 3025N	241	229	< 1	0.01	6	320	108	< 2	2	30	0.07	< 10	< 10	47	< 10	476
L4975E 3050N	241	229	< 1	0.01	11	570	38	< 2	4	32	0.09	< 10	< 10	53	< 10	366
L4975E 3075N	241	229	< 1	0.01	8	1180	12	< 2	1	19	0.07	< 10	< 10	43	< 10	260
L4975E 3100N	241	229	< 1	0.01	6	520	20	< 2	3	24	0.09	< 10	< 10	66	< 10	120
L4975E 3125N	241	229	< 1	0.01	10	830	22	< 2	2	17	0.09	< 10	< 10	58	< 10	162

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

**

Page Number :2-A
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 Certificate Date: 19-OCT-93
 Invoice No. :19322924
 P.O. Number :
 Account :KAR

Project : SIWASH
 Comments : CC: PAMICON DEVELOPMENTS LTD.

CERTIFICATE OF ANALYSIS A9322924

SAMPLE	PREP CODE	Au ppb RUSH	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
L4975E 30125N	241 229	< 5	0.8	1.18	< 2	190	1.5	< 2	0.55	1.0	4	6	14	3.20	< 10	< 1	0.19	10	0.14	2360
L4975E 30375N	241 229	< 5	0.4	1.67	< 2	160	< 0.5	< 2	0.33	< 0.5	6	20	21	2.09	< 10	< 1	0.11	10	0.31	450
L4975E 30625N	241 229	< 5	0.2	0.86	< 2	110	< 0.5	< 2	0.25	< 0.5	5	18	13	1.96	< 10	< 1	0.12	10	0.26	240
L5000E 2925N	241 229	< 5	0.2	1.49	2	160	< 0.5	< 2	0.15	< 0.5	4	12	9	1.50	< 10	< 1	0.06	< 10	0.15	295
L5000E 2950N	241 229	< 5	< 0.2	0.58	< 2	70	< 0.5	< 2	0.26	< 0.5	4	16	12	1.70	< 10	< 1	0.10	10	0.21	225
L5000E 2975N	241 229	< 5	< 0.2	1.32	4	150	< 0.5	< 2	0.15	< 0.5	3	12	9	1.29	< 10	< 1	0.05	< 10	0.13	260
L5000E 3000N	241 229	< 5	0.2	1.24	2	150	< 0.5	< 2	0.18	< 0.5	4	11	9	1.46	< 10	< 1	0.06	< 10	0.15	260
L5000E 3025N	241 229	20	2.4	1.61	< 2	280	0.5	< 2	0.55	0.5	7	18	109	2.00	10	< 1	0.18	30	0.37	610
L5000E 3050N	241 229	< 5	1.0	1.32	< 2	250	< 0.5	< 2	0.44	1.0	5	15	48	1.66	< 10	< 1	0.10	40	0.18	875
L5000E 3075N	241 229	< 5	< 0.2	0.74	< 2	110	< 0.5	< 2	0.21	< 0.5	3	15	10	1.55	< 10	< 1	0.09	10	0.17	290
L5000E 3100N	241 229	< 5	0.2	1.16	< 2	140	< 0.5	< 2	0.21	0.5	4	14	11	1.70	< 10	< 1	0.08	< 10	0.17	230
L5000E 3125N	241 229	< 5	0.2	1.04	< 2	140	< 0.5	< 2	0.20	< 0.5	3	15	12	1.52	< 10	< 1	0.07	10	0.15	205
L5025E 2925N	241 229	< 5	0.4	2.08	< 2	240	< 0.5	< 2	0.21	0.5	3	10	10	1.74	< 10	< 1	0.08	10	0.15	545
L5025E 2950N	241 229	185	0.2	0.69	< 2	110	< 0.5	< 2	0.20	< 0.5	4	14	8	1.40	< 10	< 1	0.09	10	0.16	200
L5025E 2975N	241 229	< 5	< 0.2	0.94	< 2	150	< 0.5	< 2	0.24	< 0.5	4	14	10	1.56	< 10	< 1	0.09	10	0.17	230
L5025E 3000N	241 229	< 5	0.6	1.01	< 2	130	< 0.5	< 2	0.26	0.5	5	18	17	2.12	< 10	< 1	0.14	20	0.28	300
L5025E 3025N	241 229	< 5	< 0.2	1.66	< 2	240	< 0.5	< 2	0.27	< 0.5	3	13	12	1.92	< 10	< 1	0.11	10	0.22	405
L5025E 3050N	241 229	< 5	< 0.2	1.36	8	160	< 0.5	< 2	0.28	< 0.5	4	15	15	2.69	< 10	< 1	0.15	20	0.29	475
L5025E 3075N	241 229	< 5	0.2	1.11	2	140	< 0.5	< 2	0.29	< 0.5	4	12	9	1.68	< 10	< 1	0.11	10	0.17	265
L5025E 3100N	241 229	< 5	0.2	1.40	2	180	< 0.5	< 2	0.24	< 0.5	3	11	9	1.70	< 10	< 1	0.09	10	0.17	350
L5025E 3125N	241 229	< 5	0.2	2.32	12	350	0.5	< 2	0.29	< 0.5	5	10	15	2.44	10	< 1	0.14	20	0.22	770

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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PHONE: 604-984-0221

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Page Number :2-B
Total Pages :2
Certificate Date: 19-OCT-93
Invoice No. :I9322924
P.O. Number :
Account :KAR

Project : SIWASH
Comments: CC: PAMICON DEVELOPMENTS LTD.

CERTIFICATE OF ANALYSIS

A9322924

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
L4975E 30125N	241 229	< 1	< 0.01	1	1000	98	2	2	41	< 0.01	< 10	< 10	21	10	1285
L4975E 30375N	241 229	< 1	0.02	10	1140	22	< 2	2	30	0.08	< 10	< 10	51	< 10	354
L4975E 30625N	241 229	< 1	0.01	7	430	22	< 2	2	20	0.07	< 10	< 10	54	< 10	120
L5000E 2925N	241 229	< 1	0.01	5	920	42	2	1	12	0.05	< 10	< 10	32	< 10	232
L5000E 2950N	241 229	< 1	< 0.01	6	740	18	< 2	2	15	0.04	< 10	< 10	45	< 10	90
L5000E 2975N	241 229	< 1	0.01	3	1300	18	< 2	1	11	0.04	< 10	< 10	27	< 10	210
L5000E 3000N	241 229	< 1	0.01	4	1180	26	< 2	1	15	0.04	< 10	< 10	31	< 10	246
L5000E 3025N	241 229	< 1	0.01	7	530	36	< 2	3	50	0.04	< 10	< 10	37	10	706
L5000E 3050N	241 229	< 1	0.01	6	350	74	< 2	2	45	0.03	< 10	< 10	30	< 10	646
L5000E 3075N	241 229	< 1	< 0.01	6	770	22	< 2	1	16	0.04	< 10	< 10	39	< 10	108
L5000E 3100N	241 229	< 1	0.01	7	900	20	< 2	1	17	0.04	< 10	< 10	40	< 10	280
L5000E 3125N	241 229	< 1	0.01	4	760	22	< 2	1	14	0.05	< 10	< 10	38	< 10	130
L5025E 2925N	241 229	< 1	0.02	6	1520	58	2	1	21	0.06	< 10	< 10	28	< 10	628
L5025E 2950N	241 229	< 1	0.01	4	530	26	< 2	1	14	0.04	< 10	< 10	34	< 10	160
L5025E 2975N	241 229	< 1	0.01	4	750	58	< 2	1	17	0.05	< 10	< 10	36	< 10	234
L5025E 3000N	241 229	< 1	< 0.01	6	300	46	2	3	20	0.06	< 10	< 10	46	< 10	346
L5025E 3025N	241 229	< 1	0.02	4	440	42	< 2	2	22	0.08	< 10	< 10	41	< 10	376
L5025E 3050N	241 229	< 1	< 0.01	6	450	72	< 2	3	25	0.07	< 10	< 10	53	< 10	378
L5025E 3075N	241 229	< 1	0.01	5	710	18	< 2	1	24	0.06	< 10	< 10	40	< 10	296
L5025E 3100N	241 229	< 1	0.02	5	820	20	< 2	2	21	0.07	< 10	< 10	38	< 10	314
L5025E 3125N	241 229	1	0.01	5	430	142	< 2	3	29	0.07	< 10	< 10	41	< 10	668

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9322845

Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE

A9322845

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	1	Geochem ring to approx 150 mesh 0-15 lb crush and split ICP - AQ Digestion charge
274	1	
229	1	

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



Chemex Labs Ltd.

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PHONE: 604-984-0221

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c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project: SIWASH
Comments: CC: PAMICON DEVELOPMENTS

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Invoice No. :I9322845
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CERTIFICATE OF ANALYSIS A9322845

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
460597	205	274	< 5	< 0.2	1.70	6	230	0.5	< 2	3.43	< 0.5	12	67	16	3.19	10	< 1	0.32	10	0.98	1555

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

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PHONE: 604-984-0221

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Invoice No. :19322845
P.O. Number :
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Project : SIWASH
Comments : CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS

A9322845

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460597	205	274	1	0.03	9	980	14	6	9	103	< 0.01	< 10	< 10	81	< 10	200

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9322844

Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE

A9322844

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O.#:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-OCT-93.

SAMPLE PREPARATION

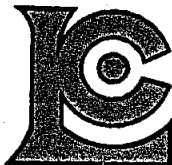
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
241	101	RUSH: Dry, sieve to -80 mesh
229	101	ICP - AQ Digestion charge

* 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
990	101	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	101	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	101	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	101	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	101	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	101	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	101	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	101	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	101	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	101	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	101	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	101	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	101	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	101	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	101	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	101	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	101	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	101	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	101	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	101	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	101	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	101	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	101	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	101	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	101	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	101	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	101	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	101	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	101	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	101	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	101	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	101	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	101	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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V6B 1N4

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Project : SIWASH
Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS A9322844

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			RUSH																		
5000E 3450N	241	229	< 5	< 0.2	1.53	4	150	< 0.5	4	0.20	< 0.5	4	14	11	1.93	< 10	< 1	0.08	10	0.19	280
5000E 3475N	241	229	< 5	< 0.2	2.41	4	300	0.5	4	0.44	< 0.5	4	13	29	2.09	< 10	< 1	0.11	10	0.22	370
5000E 3500N	241	229	< 5	< 0.2	0.99	< 2	130	< 0.5	4	0.18	< 0.5	3	9	5	1.61	< 10	< 1	0.03	< 10	0.08	190
5000E 3525N	241	229	85	0.2	1.68	4	310	0.5	6	0.21	< 0.5	3	9	25	2.63	10	< 1	0.10	10	0.17	295
5000E 3550N	241	229	< 5	< 0.2	0.96	4	90	< 0.5	4	0.33	< 0.5	4	21	11	1.89	< 10	< 1	0.10	10	0.23	145
5000E 3575N	241	229	< 5	< 0.2	1.02	4	100	< 0.5	2	0.29	< 0.5	6	15	10	1.87	< 10	< 1	0.10	10	0.20	195
5000E 3600N	241	229	< 5	0.2	1.44	< 2	140	< 0.5	4	0.24	< 0.5	5	19	12	2.15	< 10	< 1	0.10	10	0.26	205
5000E 3625N	241	229	< 5	1.2	1.81	2	270	0.5	6	0.18	< 0.5	2	9	27	1.55	< 10	< 1	0.08	10	0.14	185
5000E 3650N	241	229	< 5	< 0.2	0.82	2	80	< 0.5	4	0.31	< 0.5	6	19	14	2.09	< 10	< 1	0.13	10	0.25	190
5000E 3675N	241	229	< 5	< 0.2	1.12	< 2	140	< 0.5	4	0.24	< 0.5	4	17	9	1.66	< 10	< 1	0.07	< 10	0.17	290
5000E 3700N	241	229	< 5	0.6	1.15	< 2	150	< 0.5	4	0.33	< 0.5	3	15	28	1.84	< 10	< 1	0.11	30	0.22	490
5000E 3725N	241	229	< 5	< 0.2	1.18	2	110	< 0.5	4	0.34	< 0.5	5	19	14	1.96	< 10	< 1	0.09	10	0.23	305
5000E 3750N	241	229	< 5	< 0.2	1.20	2	130	0.5	< 2	0.37	< 0.5	4	19	23	1.99	10	< 1	0.10	30	0.22	635
5000E 3775N	241	229	< 5	< 0.2	1.00	4	60	< 0.5	< 2	0.37	< 0.5	5	21	16	2.02	< 10	< 1	0.06	10	0.21	180
5000E 3800N	241	229	< 5	0.4	1.70	4	110	< 0.5	< 2	0.27	< 0.5	7	19	19	2.05	10	< 1	0.05	10	0.25	505
5000E 3825N	241	229	< 5	0.6	1.92	14	130	< 0.5	2	0.27	< 0.5	6	22	25	2.01	10	< 1	0.07	20	0.26	395
5000E 3850N	241	229	< 5	0.2	2.22	< 2	120	0.5	2	0.25	< 0.5	6	17	18	2.04	10	< 1	0.06	10	0.24	510
5000E 3875N	241	229	< 5	0.2	2.18	< 2	170	0.5	6	0.28	0.5	4	21	24	2.16	10	< 1	0.07	30	0.25	300
5000E 3900N	241	229	< 5	0.4	2.16	< 2	110	0.5	< 2	0.23	< 0.5	6	20	17	2.04	10	< 1	0.06	10	0.21	715
5000E 3925N	241	229	< 5	< 0.2	1.78	< 2	60	< 0.5	4	0.20	0.5	5	16	15	1.87	< 10	< 1	0.04	< 10	0.20	575
5000E 3950N	241	229	< 5	0.2	1.71	14	70	0.5	2	0.15	< 0.5	4	12	11	1.70	< 10	< 1	0.04	< 10	0.12	410
5000E 3975N	241	229	< 5	0.4	1.89	2	90	0.5	2	0.18	< 0.5	3	11	16	1.63	10	< 1	0.06	10	0.13	280
5000E 4000N	241	229	< 5	< 0.2	1.31	10	120	0.5	< 2	0.29	< 0.5	4	16	26	1.78	< 10	< 1	0.08	10	0.24	180
5000E 4025N	241	229	< 5	0.2	1.48	10	130	0.5	< 2	0.22	< 0.5	4	16	17	1.84	< 10	< 1	0.08	10	0.19	200
5000E 4050N	241	229	< 5	0.4	1.56	12	90	< 0.5	2	0.20	< 0.5	4	13	15	1.66	< 10	< 1	0.04	< 10	0.18	465
5025E 3450N	241	229	< 5	0.4	1.63	8	460	1.0	< 2	0.45	< 0.5	6	12	13	2.41	10	< 1	0.10	30	0.36	855
5025E 3475N	241	229	< 5	< 0.2	2.09	10	280	0.5	4	0.33	< 0.5	8	20	18	2.77	10	< 1	0.09	20	0.45	405
5025E 3500N	241	229	< 5	< 0.2	1.72	4	200	0.5	4	0.27	< 0.5	6	10	11	2.37	10	< 1	0.07	20	0.25	260
5025E 3525N	241	229	< 5	0.2	1.91	14	180	0.5	2	0.25	< 0.5	5	12	15	2.20	10	< 1	0.07	10	0.18	310
5025E 3550N	241	229	< 5	0.4	2.32	< 2	140	0.5	< 2	0.18	< 0.5	3	7	12	1.48	< 10	< 1	0.05	10	0.13	250
5025E 3575N	241	229	< 5	0.4	2.99	8	250	1.0	2	0.21	< 0.5	3	11	12	2.08	10	< 1	0.08	10	0.20	220
5025E 3600N	241	229	< 5	0.2	2.09	< 2	170	0.5	2	0.29	< 0.5	6	11	9	2.63	10	< 1	0.08	10	0.29	320
5025E 3625N	241	229	< 5	< 0.2	1.54	< 2	350	0.5	6	0.21	< 0.5	3	9	15	1.60	< 10	< 1	0.14	10	0.14	580
5025E 3650N	241	229	< 5	< 0.2	0.89	< 2	90	< 0.5	2	0.36	< 0.5	4	21	14	1.92	< 10	< 1	0.10	10	0.21	155
5025E 3675N	241	229	< 5	< 0.2	0.92	4	100	< 0.5	4	0.37	< 0.5	5	21	18	2.10	< 10	< 1	0.13	20	0.30	270
5025E 3700N	241	229	< 5	0.2	1.21	< 2	130	< 0.5	2	0.51	< 0.5	7	30	23	2.15	< 10	< 1	0.12	10	0.36	225
5025E 3725N	241	229	< 5	< 0.2	1.10	4	100	< 0.5	2	0.31	< 0.5	4	18	15	2.02	< 10	< 1	0.10	10	0.20	335
5025E 3750N	241	229	< 5	< 0.2	1.50	8	120	< 0.5	2	0.30	< 0.5	6	22	18	2.22	< 10	< 1	0.09	10	0.37	310
5025E 3775N	241	229	< 5	< 0.2	1.50	2	110	0.5	< 2	0.27	< 0.5	5	18	15	1.69	10	< 1	0.06	10	0.22	220
5025E 3800N	241	229	< 5	0.4	2.28	< 2	170	0.5	6	0.26	0.5	3	18	41	2.11	10	< 1	0.07	50	0.23	375

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

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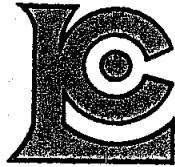
Project : SIWASH
 Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS

A9322844

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
5000E 3450N	241 229	1	0.01	4	1020	52	< 2	1	14	0.06	< 10	< 10	43	10	316
5000E 3475N	241 229	< 1	0.02	6	500	68	< 2	2	38	0.09	< 10	< 10	40	10	1635
5000E 3500N	241 229	< 1	0.03	1	1420	6	< 2	1	14	0.07	< 10	< 10	41	< 10	110
5000E 3525N	241 229	2	0.01	4	480	404	< 2	1	18	0.02	< 10	< 10	38	10	1310
5000E 3550N	241 229	1	0.01	6	550	24	< 2	2	25	0.09	< 10	< 10	53	< 10	82
5000E 3575N	241 229	1	0.01	5	440	28	< 2	2	22	0.09	< 10	< 10	52	< 10	78
5000E 3600N	241 229	1	0.01	7	350	36	2	2	20	0.09	< 10	< 10	56	10	294
5000E 3625N	241 229	< 1	0.03	4	820	394	< 2	1	17	0.07	< 10	< 10	33	10	778
5000E 3650N	241 229	1	0.01	6	530	30	2	2	23	0.08	< 10	< 10	59	10	82
5000E 3675N	241 229	1	0.01	4	340	40	< 2	1	20	0.08	< 10	< 10	45	< 10	162
5000E 3700N	241 229	< 1	0.01	4	280	92	< 2	2	27	0.06	< 10	< 10	44	10	432
5000E 3725N	241 229	< 1	0.01	7	870	34	2	2	27	0.08	< 10	< 10	52	< 10	270
5000E 3750N	241 229	2	0.01	8	460	124	2	2	31	0.08	< 10	< 10	57	< 10	454
5000E 3775N	241 229	< 1	0.01	8	530	18	2	2	26	0.09	< 10	< 10	63	< 10	116
5000E 3800N	241 229	1	0.02	9	1300	64	< 2	2	22	0.09	< 10	< 10	56	< 10	462
5000E 3825N	241 229	1	0.02	10	1360	64	< 2	2	23	0.09	< 10	< 10	53	10	588
5000E 3850N	241 229	1	0.02	9	1530	68	< 2	2	19	0.10	< 10	< 10	52	< 10	800
5000E 3875N	241 229	1	0.02	9	910	64	2	2	25	0.09	< 10	< 10	56	< 10	1090
5000E 3900N	241 229	1	0.03	8	1330	56	< 2	2	20	0.11	< 10	< 10	55	< 10	434
5000E 3925N	241 229	1	0.03	9	1370	44	< 2	2	16	0.09	< 10	< 10	51	< 10	258
5000E 3950N	241 229	< 1	0.03	6	1120	66	2	1	12	0.09	< 10	< 10	43	< 10	326
5000E 3975N	241 229	< 1	0.04	7	1370	74	2	2	17	0.09	< 10	< 10	40	< 10	326
5000E 4000N	241 229	< 1	0.01	8	650	136	< 2	2	25	0.08	< 10	< 10	48	< 10	538
5000E 4025N	241 229	< 1	0.02	7	710	78	< 2	1	19	0.08	< 10	< 10	48	< 10	330
5000E 4050N	241 229	< 1	0.02	8	920	96	4	1	17	0.08	< 10	< 10	43	< 10	306
5025E 3450N	241 229	2	0.02	6	1890	50	< 2	3	30	0.04	< 10	< 10	39	< 10	332
5025E 3475N	241 229	1	0.01	10	970	22	< 2	2	24	0.03	< 10	< 10	51	< 10	236
5025E 3500N	241 229	< 1	0.02	4	720	8	< 2	1	17	0.04	< 10	< 10	48	< 10	122
5025E 3525N	241 229	1	0.03	7	1020	10	2	2	20	0.06	< 10	< 10	44	< 10	188
5025E 3550N	241 229	< 1	0.04	3	1470	8	< 2	2	17	0.09	< 10	< 10	29	< 10	286
5025E 3575N	241 229	1	0.03	7	570	108	< 2	2	23	0.09	< 10	< 10	36	10	1580
5025E 3600N	241 229	2	0.02	8	980	30	2	1	21	0.05	< 10	< 10	52	< 10	570
5025E 3625N	241 229	1	0.01	3	350	106	< 2	1	22	0.02	< 10	< 10	30	< 10	628
5025E 3650N	241 229	< 1	0.01	7	410	24	2	2	26	0.09	< 10	< 10	59	< 10	62
5025E 3675N	241 229	< 1	0.01	7	500	34	< 2	2	27	0.10	< 10	< 10	58	< 10	126
5025E 3700N	241 229	< 1	0.01	11	610	54	2	4	42	0.11	< 10	< 10	63	< 10	68
5025E 3725N	241 229	< 1	0.01	7	630	30	< 2	2	22	0.08	< 10	< 10	53	< 10	202
5025E 3750N	241 229	1	0.01	11	560	78	< 2	2	24	0.09	< 10	< 10	61	< 10	476
5025E 3775N	241 229	1	0.01	9	700	60	< 2	1	24	0.07	< 10	< 10	45	< 10	842
5025E 3800N	241 229	2	0.02	7	670	82	< 2	2	28	0.08	< 10	< 10	54	< 10	1160

CERTIFICATION: *Hunt/Buehler*



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
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SAMPLE	PREP CODE	Au ppb RUSH	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
5025E 3825N	241 229	< 5	0.8	2.46	16	340	1.0	< 2	0.29	< 0.5	4	21	61	2.10	10	< 1	0.09	70	0.22	385
5025E 3850N	241 229	< 5	1.2	2.56	20	330	1.0	< 2	0.23	< 0.5	4	18	46	2.06	10	< 1	0.09	80	0.17	325
5025E 3875N	241 229	< 5	0.4	2.35	16	200	1.5	< 2	0.29	< 0.5	4	21	29	1.97	10	< 1	0.10	70	0.19	305
5025E 3900N	241 229	< 5	0.4	2.14	< 2	120	0.5	< 2	0.24	< 0.5	5	17	18	2.06	10	< 1	0.05	10	0.23	315
5050E 3450N	241 229	< 5	0.4	1.86	18	170	0.5	< 2	0.26	< 0.5	3	10	11	1.73	< 10	< 1	0.07	< 10	0.13	310
5050E 3475N	241 229	< 5	1.2	2.88	6	280	1.0	< 2	0.47	< 0.5	6	13	36	2.60	10	< 1	0.12	20	0.20	635
5050E 3500N	241 229	< 5	< 0.2	1.02	< 2	180	< 0.5	< 2	0.22	0.5	4	7	5	1.70	< 10	< 1	0.04	< 10	0.10	275
5050E 3525N	241 229	< 5	0.2	2.43	18	170	0.5	< 2	0.16	< 0.5	4	11	13	2.07	10	< 1	0.06	10	0.18	265
5050E 3550N	241 229	< 5	0.2	1.96	6	200	0.5	< 2	0.25	< 0.5	4	10	8	1.88	10	< 1	0.08	10	0.21	290
5050E 3575N	241 229	10	0.6	2.68	4	230	1.0	< 2	0.20	< 0.5	6	10	21	1.98	10	< 1	0.06	10	0.19	270
5050E 3600N	241 229	< 5	< 0.2	1.80	< 2	170	0.5	< 2	0.20	< 0.5	4	12	9	1.89	< 10	< 1	0.08	10	0.21	300
5050E 3625N	241 229	< 5	1.8	0.86	20	170	0.5	< 2	0.10	< 0.5	< 1	4	60	1.96	< 10	< 1	0.20	10	0.03	160
5050E 3650N	241 229	5	0.4	0.95	< 2	330	0.5	< 2	0.18	0.5	3	8	18	1.05	10	< 1	0.14	90	0.06	455
5050E 3675N	241 229	< 5	< 0.2	0.59	18	640	< 0.5	< 2	0.16	< 0.5	1	7	4	0.85	< 10	< 1	0.20	30	0.08	110
5050E 3700N	241 229	< 5	< 0.2	0.79	< 2	70	< 0.5	< 2	0.34	< 0.5	4	22	11	1.58	< 10	< 1	0.07	10	0.22	190
5050E 3725N	241 229	< 5	< 0.2	1.75	4	120	< 0.5	< 2	0.24	< 0.5	6	17	14	1.76	< 10	< 1	0.05	10	0.18	285
5050E 3750N	241 229	70	0.4	2.11	4	170	0.5	< 2	0.18	0.5	3	15	17	1.78	10	< 1	0.08	20	0.14	650
5050E 3775N	241 229	< 5	0.4	1.91	20	130	0.5	< 2	0.17	< 0.5	5	9	11	2.01	20	< 1	0.04	90	0.11	360
5050E 3800N	241 229	< 5	0.6	2.09	2	180	0.5	< 2	0.19	< 0.5	4	11	12	1.59	10	< 1	0.08	10	0.11	410
5050E 3825N	241 229	< 5	0.4	1.79	14	120	0.5	< 2	0.16	< 0.5	3	10	17	1.51	10	< 1	0.05	20	0.09	415
5050E 3850N	241 229	< 5	0.2	1.36	10	140	< 0.5	< 2	0.20	< 0.5	3	13	16	1.62	< 10	< 1	0.06	10	0.13	240
5050E 3875N	241 229	< 5	0.2	1.28	8	120	< 0.5	< 2	0.23	< 0.5	1	14	12	1.49	< 10	< 1	0.08	30	0.15	165
5050E 3900N	241 229	< 5	0.2	1.65	2	150	< 0.5	< 2	0.17	< 0.5	2	11	7	1.43	< 10	< 1	0.07	10	0.10	175
5075E 3450N	241 229	< 5	0.4	2.80	10	230	0.5	< 2	0.36	< 0.5	4	18	28	2.16	10	< 1	0.09	20	0.21	225
5075E 3475N	241 229	< 5	0.2	2.05	< 2	170	0.5	< 2	0.39	< 0.5	3	11	17	2.40	10	< 1	0.15	20	0.27	325
5075E 3500N	241 229	< 5	0.4	1.56	< 2	200	0.5	< 2	0.25	< 0.5	4	9	7	2.34	10	< 1	0.07	20	0.29	285
5075E 3525N	241 229	< 5	0.2	2.06	4	210	0.5	< 2	0.24	< 0.5	4	9	8	2.14	10	< 1	0.04	10	0.19	395
5075E 3550N	241 229	80	0.2	1.93	10	410	1.0	< 2	0.27	< 0.5	7	10	28	2.34	10	< 1	0.08	20	0.25	445
5075E 3575N	241 229	< 5	0.2	1.92	6	120	0.5	< 2	0.15	< 0.5	3	8	7	1.69	< 10	< 1	0.04	10	0.13	195
5075E 3600N	241 229	< 5	0.8	2.54	< 2	290	1.0	< 2	0.42	0.5	5	12	30	2.10	10	< 1	0.10	20	0.26	465
5075E 3625N	241 229	< 5	< 0.2	1.73	< 2	150	< 0.5	< 2	0.26	< 0.5	5	12	9	2.14	10	< 1	0.09	10	0.30	275
5075E 3650N	241 229	< 5	2.0	1.60	16	200	1.0	< 2	0.30	0.5	4	17	51	2.13	20	< 1	0.17	200	0.11	490
5075E 3675N	241 229	< 5	< 0.2	1.49	14	410	1.0	< 2	0.24	< 0.5	6	10	16	2.36	10	< 1	0.15	30	0.13	755
5075E 3700N	241 229	< 5	0.8	0.56	12	360	< 0.5	< 2	0.03	< 0.5	1	3	16	3.54	< 10	< 1	0.37	40	0.02	35
5075E 3725N	241 229	< 5	0.2	1.63	< 2	180	0.5	< 2	0.16	0.5	2	11	9	1.46	10	< 1	0.07	20	0.10	540
5075E 3750N	241 229	< 5	0.4	1.56	< 2	160	0.5	< 2	0.15	< 0.5	3	10	11	1.64	10	< 1	0.06	30	0.10	530
5075E 3775N	241 229	< 5	2.8	1.99	14	160	0.5	< 2	0.15	< 0.5	4	12	23	1.78	10	< 1	0.08	10	0.13	355
5075E 3800N	241 229	< 5	1.0	1.59	8	220	< 0.5	< 2	0.16	< 0.5	1	8	12	1.33	10	< 1	0.09	10	0.09	195
5075E 3825N	241 229	< 5	0.4	1.65	< 2	130	< 0.5	< 2	0.16	0.5	4	10	11	1.55	< 10	< 1	0.04	< 10	0.11	305
5075E 3850N	241 229	10	< 0.2	1.14	< 2	120	< 0.5	< 2	0.25	0.5	4	19	15	1.79	< 10	< 1	0.06	10	0.18	180

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

**

Page Number :2-B
Total Pages :3
Certificate Date: 18-OCT-93
Invoice No. :I9322844
P.O. Number :
Account :KAR

Project : SIWASH
Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS A9322844

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
5025E 3825N	241 229	2	0.03	8	470	120	< 2	2	29	0.09	< 10	< 10	53	< 10	1060
5025E 3850N	241 229	2	0.02	8	670	112	< 2	2	25	0.08	< 10	< 10	49	10	1195
5025E 3875N	241 229	2	0.02	8	690	88	< 2	2	30	0.08	< 10	< 10	49	< 10	1370
5025E 3900N	241 229	1	0.03	9	1060	86	< 2	2	20	0.11	< 10	< 10	55	< 10	684
5050E 3450N	241 229	1	0.04	6	800	46	< 2	1	22	0.07	< 10	< 10	36	< 10	624
5050E 3475N	241 229	2	0.03	4	340	138	< 2	3	38	0.08	< 10	< 10	49	10	1135
5050E 3500N	241 229	< 1	0.04	4	1700	14	2	1	18	0.07	< 10	< 10	45	< 10	288
5050E 3525N	241 229	1	0.02	7	1880	18	2	2	12	0.07	< 10	< 10	41	< 10	292
5050E 3550N	241 229	< 1	0.02	4	320	24	< 2	1	22	0.04	< 10	< 10	33	< 10	308
5050E 3575N	241 229	1	0.02	6	1220	22	< 2	2	19	0.07	< 10	< 10	33	< 10	120
5050E 3600N	241 229	< 1	0.02	4	510	14	2	1	21	0.04	< 10	< 10	35	< 10	510
5050E 3625N	241 229	28	< 0.01	< 1	830	1325	< 2	< 1	19	< 0.01	< 10	< 10	7	< 10	222
5050E 3650N	241 229	5	0.01	1	290	76	< 2	1	24	0.01	< 10	< 10	17	< 10	380
5050E 3675N	241 229	2	< 0.01	2	310	22	< 2	< 1	32	< 0.01	< 10	< 10	11	< 10	76
5050E 3700N	241 229	1	0.01	7	250	38	< 2	2	24	0.10	< 10	< 10	50	< 10	44
5050E 3725N	241 229	< 1	0.02	8	1360	34	< 2	2	19	0.09	< 10	< 10	47	< 10	310
5050E 3750N	241 229	< 1	0.02	10	800	100	< 2	1	16	0.08	< 10	< 10	43	< 10	978
5050E 3775N	241 229	1	0.03	3	960	58	< 2	1	16	0.09	< 10	< 10	52	10	614
5050E 3800N	241 229	1	0.03	5	600	184	< 2	1	19	0.09	< 10	< 10	37	< 10	638
5050E 3825N	241 229	1	0.03	3	1160	58	< 2	1	17	0.08	< 10	< 10	37	< 10	630
5050E 3850N	241 229	1	0.01	4	710	100	< 2	1	19	0.07	< 10	< 10	43	< 10	632
5050E 3875N	241 229	1	0.01	4	330	46	< 2	1	23	0.06	< 10	< 10	41	< 10	690
5050E 3900N	241 229	1	0.02	4	370	56	< 2	1	18	0.06	< 10	< 10	35	< 10	798
5075E 3450N	241 229	2	0.02	8	240	40	< 2	3	32	0.10	< 10	< 10	44	< 10	198
5075E 3475N	241 229	4	0.02	5	350	102	< 2	2	30	0.04	< 10	< 10	39	< 10	614
5075E 3500N	241 229	< 1	0.01	4	610	20	< 2	1	17	0.02	< 10	< 10	47	< 10	298
5075E 3525N	241 229	1	0.04	5	2480	12	< 2	2	16	0.09	< 10	< 10	49	< 10	314
5075E 3550N	241 229	3	0.02	7	430	54	< 2	1	19	0.03	< 10	< 10	39	< 10	392
5075E 3575N	241 229	1	0.03	3	620	14	< 2	1	14	0.07	< 10	< 10	37	< 10	182
5075E 3600N	241 229	< 1	0.02	7	420	88	2	3	39	0.06	< 10	< 10	32	10	2440
5075E 3625N	241 229	2	0.02	6	240	12	< 2	1	23	0.04	< 10	< 10	39	< 10	450
5075E 3650N	241 229	2	0.01	4	430	136	< 2	2	38	0.01	10	10	22	< 10	884
5075E 3675N	241 229	1	0.01	6	430	32	< 2	1	24	0.01	< 10	< 10	27	< 10	328
5075E 3700N	241 229	7	0.01	1	750	294	< 2	< 1	69	0.01	< 10	< 10	14	< 10	96
5075E 3725N	241 229	1	0.03	4	670	94	< 2	1	18	0.07	< 10	< 10	36	< 10	880
5075E 3750N	241 229	< 1	0.02	4	550	86	< 2	1	16	0.07	< 10	< 10	41	< 10	690
5075E 3775N	241 229	2	0.02	7	690	472	2	1	14	0.08	< 10	< 10	42	< 10	692
5075E 3800N	241 229	1	0.02	4	720	340	< 2	1	20	0.04	< 10	< 10	28	< 10	410
5075E 3825N	241 229	1	0.02	4	700	138	< 2	1	15	0.08	< 10	< 10	39	< 10	376
5075E 3850N	241 229	< 1	0.01	6	410	82	< 2	1	22	0.07	< 10	< 10	50	< 10	952

CERTIFICATION:

Hart/Bachler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Page Number :3-A
 Total Pages :3
 Certificate Date: 18-OCT-93
 Invoice No. : I9322844
 P.O. Number :
 Account : KAR

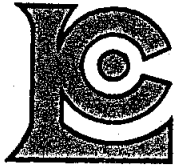
Project : SIWASH
 Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS A9322844

SAMPLE	PREP CODE	Au ppb RUSH	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
5075E 3875N	241 229	< 5	0.2	1.33	< 2	120	0.5	4	0.18	< 0.5	2	11	7	1.38	< 10	< 1	0.07	10	0.09	205
5075E 3900N	241 229	< 5	0.6	2.07	2	160	1.5	< 2	0.19	0.5	4	14	29	1.80	10	< 1	0.10	120	0.13	520
5100E 3450N	241 229	< 5	1.6	2.95	6	280	1.5	< 2	0.50	< 0.5	6	15	22	2.47	10	< 1	0.11	30	0.19	635
5100E 3475N	241 229	< 5	1.2	3.26	8	250	1.0	4	0.33	< 0.5	4	12	25	2.29	10	< 1	0.07	30	0.23	310
5100E 3500N	241 229	< 5	0.4	2.26	6	180	0.5	4	0.17	< 0.5	4	10	12	1.82	10	< 1	0.06	10	0.16	335
5100E 3525N	241 229	< 5	< 0.2	1.20	4	200	0.5	< 2	0.29	< 0.5	3	7	7	1.61	< 10	< 1	0.10	10	0.12	340
5100E 3550N	241 229	< 5	0.2	2.54	4	210	0.5	2	0.24	< 0.5	4	12	16	2.11	10	< 1	0.07	10	0.18	345
5100E 3575N	241 229	< 5	< 0.2	2.27	6	220	0.5	2	0.27	< 0.5	4	16	12	2.15	10	< 1	0.11	10	0.23	260
5100E 3600N	241 229	< 5	0.2	2.17	6	240	0.5	< 2	0.19	< 0.5	5	11	9	1.99	< 10	< 1	0.10	10	0.21	325
5100E 3625N	241 229	< 5	2.0	2.89	6	310	1.0	< 2	0.43	< 0.5	4	13	24	2.17	10	< 1	0.09	40	0.14	325
5100E 3650N	241 229	< 5	3.2	1.79	16	240	3.0	< 2	0.40	1.5	4	41	143	2.21	70	< 1	0.15	710	0.16	925
5100E 3675N	241 229	< 5	0.2	1.13	8	290	0.5	2	0.25	0.5	2	5	19	1.57	< 10	< 1	0.17	20	0.09	225
5100E 3700N	241 229	< 5	1.0	1.48	8	280	0.5	4	0.18	0.5	1	8	33	1.75	10	< 1	0.14	40	0.08	205
5100E 3725N	241 229	15	4.6	1.91	14	230	2.5	8	0.44	1.0	3	37	94	1.85	50	< 1	0.14	450	0.18	515
5100E 3750N	241 229	< 5	0.4	2.01	14	110	< 0.5	< 2	0.15	< 0.5	3	8	13	1.65	10	< 1	0.04	10	0.10	390
5100E 3775N	241 229	< 5	0.6	2.05	8	190	0.5	2	0.31	< 0.5	4	20	32	2.23	10	< 1	0.11	30	0.23	405
5100E 3800N	241 229	< 5	1.2	1.58	< 2	130	0.5	2	0.23	0.5	3	13	24	1.56	10	< 1	0.08	20	0.12	360
5100E 3825N	241 229	< 5	1.6	1.29	16	130	< 0.5	2	0.16	< 0.5	1	7	12	1.38	10	< 1	0.08	20	0.08	300
5100E 3850N	241 229	< 5	0.4	1.63	4	130	0.5	2	0.15	< 0.5	3	10	10	1.44	10	< 1	0.04	10	0.09	250
5100E 3875N	241 229	< 5	0.8	1.78	12	150	1.0	< 2	0.17	< 0.5	3	12	33	1.51	10	< 1	0.09	80	0.10	245
5100E 3900N	241 229	< 5	0.6	1.36	< 2	140	0.5	4	0.15	0.5	3	9	18	1.27	10	< 1	0.07	70	0.08	305

CERTIFICATION:

Robert Buckler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

**

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 Invoice No. :19322844
 P.O. Number :
 Account :KAR

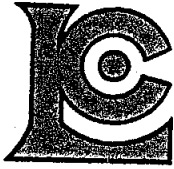
Project: SIWASH
 Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS

A9322844

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
5075E 3875N	241	229	< 1	0.01	3	200	100	< 2	1	18	0.04	< 10	< 10	35	< 10	630
5075E 3900N	241	229	2	0.01	6	220	86	< 2	2	23	0.05	< 10	< 10	38	< 10	1545
5100E 3450N	241	229	4	0.02	6	360	70	< 2	3	46	0.06	< 10	< 10	39	< 10	314
5100E 3475N	241	229	1	0.04	6	970	34	< 2	3	33	0.11	< 10	< 10	43	< 10	224
5100E 3500N	241	229	2	0.03	4	1880	24	< 2	1	18	0.07	< 10	< 10	33	< 10	262
5100E 3525N	241	229	< 1	0.03	4	1020	44	< 2	1	24	0.04	< 10	< 10	32	< 10	266
5100E 3550N	241	229	1	0.03	6	1090	18	< 2	2	22	0.08	< 10	< 10	41	< 10	206
5100E 3575N	241	229	< 1	0.02	7	320	42	< 2	2	27	0.09	< 10	< 10	45	< 10	258
5100E 3600N	241	229	< 1	0.03	6	860	26	< 2	1	20	0.06	< 10	< 10	35	< 10	432
5100E 3625N	241	229	3	0.04	6	380	44	< 2	3	44	0.08	< 10	10	36	< 10	1540
5100E 3650N	241	229	3	0.01	6	490	704	< 2	4	58	0.03	60	40	36	10	1825
5100E 3675N	241	229	1	0.01	3	320	372	< 2	1	28	0.01	< 10	< 10	18	< 10	660
5100E 3700N	241	229	2	0.01	3	320	374	< 2	1	26	0.03	< 10	< 10	25	< 10	1060
5100E 3725N	241	229	8	0.02	6	370	396	< 2	6	55	0.06	50	40	35	10	1100
5100E 3750N	241	229	1	0.03	4	1260	130	< 2	1	14	0.09	< 10	< 10	40	< 10	450
5100E 3775N	241	229	3	0.01	10	450	252	< 2	2	33	0.09	< 10	< 10	58	< 10	808
5100E 3800N	241	229	3	0.02	3	780	230	< 2	1	26	0.06	< 10	< 10	39	< 10	644
5100E 3825N	241	229	3	0.02	4	460	432	< 2	1	20	0.05	< 10	< 10	33	< 10	586
5100E 3850N	241	229	1	0.03	4	730	54	< 2	1	16	0.08	< 10	< 10	35	< 10	466
5100E 3875N	241	229	3	0.02	5	300	110	< 2	1	22	0.06	< 10	< 10	35	< 10	862
5100E 3900N	241	229	< 1	0.02	4	260	92	< 2	1	17	0.04	< 10	< 10	30	< 10	778

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9322843

Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE

A9322843

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-OCT-93.

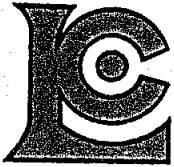
SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	1	Geochem ring to approx 150 mesh 0-15 lb crush and split ICP - AQ Digestion charge
274	1	
229	1	
* 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	1	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	1	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	1	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	1	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	1	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	1	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	1	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	1	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	1	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	1	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	1	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	1	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	1	Fe %: 32 element, soil & rock	ICP-AES	1	10000
2130	1	Ga ppm: 32 element, soil & rock	ICP-AES	0.01	15.00
2131	1	Hg ppm: 32 element, soil & rock	ICP-AES	10	10000
2132	1	K %: 32 element, soil & rock	ICP-AES	1	10000
2151	1	La ppm: 32 element, soil & rock	ICP-AES	0.01	10.00
2134	1	Mg %: 32 element, soil & rock	ICP-AES	10	10000
2135	1	Mn ppm: 32 element, soil & rock	ICP-AES	0.01	15.00
2136	1	Mo ppm: 32 element, soil & rock	ICP-AES	5	10000
2137	1	Na %: 32 element, soil & rock	ICP-AES	1	10000
2138	1	Ni ppm: 32 element, soil & rock	ICP-AES	0.01	5.00
2139	1	P ppm: 32 element, soil & rock	ICP-AES	1	10000
2140	1	Pb ppm: 32 element, soil & rock	ICP-AES	10	10000
2141	1	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	1	Sc ppm: 32 elements, soil & rock	ICP-AES	2	10000
2143	1	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	1	Ti %: 32 element, soil & rock	ICP-AES	1	10000
2145	1	Tl ppm: 32 element, soil & rock	ICP-AES	0.01	5.00
2146	1	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	1	V ppm: 32 element, soil & rock	ICP-AES	10	10000
2148	1	W ppm: 32 element, soil & rock	ICP-AES	1	10000
2149	1	Zn ppm: 32 element, soil & rock	ICP-AES	10	10000
				2	10000



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Total Pages : 1
Certificate Date: 21-OCT-93
Invoice No. : 19322843
P.O. Number :
Account : KAR

Project : SIWASH
Comments : CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS

A9322843

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
460596	205	274	< 5	0.4	0.73	4	140	0.5	< 2	0.33	0.5	1	111	2	1.11	10	< 1	0.55	40	0.03	530

CERTIFICATION:

Hart'schler



Chemex Labs Ltd.

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

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CERTIFICATE OF ANALYSIS

A9322843

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460596	205	274	1	0.07	3	410	654	< 2	< 1	53	< 0.01	< 10	< 10	3	< 10	346

CERTIFICATION: *Kurt Beckler*



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9322842

Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE

A9322842

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-OCT-93.

SAMPLE PREPARATION

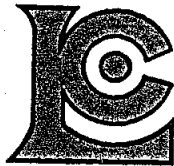
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
241	99	RUSH: Dry, sieve to -80 mesh
229	99	ICP - AQ Digestion charge

* 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
990	99	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	99	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	99	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	99	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	99	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	99	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	99	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	99	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	99	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	99	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	99	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	99	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	99	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	99	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	99	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	99	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	99	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	99	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	99	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	99	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	99	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	99	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	99	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	99	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	99	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	99	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	99	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	99	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	99	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	99	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	99	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	99	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	99	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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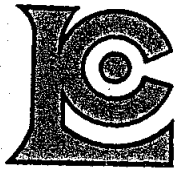
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 P.O. Number :
 Account : KAR

Project : SIWASH
 Comments : CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS A9322842

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			RUSH																		
4775E 3450N	241	229	< 5	0.4	2.53	6	130	0.5	< 2	0.20	< 0.5	8	17	30	2.34	10	< 1	0.06	10	0.34	565
4775E 3475N	241	229	< 5	< 0.2	2.52	< 2	120	0.5	< 2	0.24	< 0.5	10	21	39	2.50	10	< 1	0.05	< 10	0.41	480
4775E 3500N	241	229	< 5	< 0.2	2.33	12	110	0.5	< 2	0.16	< 0.5	6	12	20	2.28	10	< 1	0.04	10	0.22	680
4775E 3525N	241	229	120	2.2	2.07	12	170	< 0.5	< 2	0.16	3.0	7	11	110	2.45	10	< 1	0.06	40	0.12	3940
4775E 3550N	241	229	< 5	< 0.2	1.97	6	100	< 0.5	< 2	0.18	< 0.5	6	14	21	2.12	< 10	< 1	0.03	< 10	0.29	385
4775E 3575N	241	229	< 5	1.2	2.15	14	260	0.5	< 2	0.15	< 0.5	6	14	102	2.96	10	< 1	0.09	20	0.28	505
4775E 3600N	241	229	< 5	0.6	1.63	10	110	< 0.5	< 2	0.10	< 0.5	4	6	13	1.60	< 10	< 1	0.02	< 10	0.09	370
4775E 3625N	241	229	< 5	2.0	2.21	6	140	< 0.5	< 2	0.06	< 0.5	1	4	17	1.67	< 10	< 1	0.03	< 10	0.06	145
4775E 3650N	241	229	15	1.0	2.03	4	210	< 0.5	2	0.22	1.0	7	17	379	2.44	10	< 1	0.06	30	0.27	805
4875E 3125N	241	229	< 5	< 0.2	2.43	12	120	< 0.5	< 2	0.18	< 0.5	5	10	17	2.12	10	< 1	0.04	< 10	0.14	155
4875E 3150N	241	229	< 5	< 0.2	2.24	< 2	240	0.5	< 2	0.25	0.5	5	9	18	2.96	10	< 1	0.10	10	0.19	795
4875E 3175N	241	229	< 5	0.6	3.03	4	410	0.5	< 2	0.46	0.5	6	24	56	2.55	10	< 1	0.10	30	0.30	1080
4875E 3200N	241	229	< 5	0.8	2.42	< 2	330	0.5	< 2	0.54	1.5	8	18	116	2.38	10	< 1	0.08	20	0.30	855
4875E 3225N	241	229	< 5	< 0.2	2.07	12	230	0.5	< 2	0.23	< 0.5	5	12	13	2.30	< 10	< 1	0.06	< 10	0.16	305
4875E 3250N	241	229	< 5	< 0.2	1.74	2	310	< 0.5	< 2	0.25	0.5	3	7	16	1.45	< 10	< 1	0.03	< 10	0.12	610
4875E 3275N	241	229	< 5	< 0.2	1.37	4	540	< 0.5	< 2	0.19	< 0.5	3	8	9	2.00	< 10	< 1	0.09	< 10	0.19	675
4875E 3300N	241	229	< 5	< 0.2	1.61	< 2	160	0.5	< 2	0.20	< 0.5	3	5	6	1.54	< 10	< 1	0.07	10	0.08	590
4875E 3325N	241	229	< 5	< 0.2	0.90	32	230	1.5	< 2	0.19	< 0.5	5	2	9	2.56	10	< 1	0.16	40	0.06	2230
4900E 3250N	241	229	< 5	< 0.2	1.27	8	150	< 0.5	< 2	0.44	< 0.5	5	17	13	2.17	< 10	< 1	0.13	10	0.24	870
4900E 3275N	241	229	< 5	< 0.2	1.59	< 2	130	< 0.5	< 2	0.25	< 0.5	6	17	14	2.07	< 10	< 1	0.08	10	0.22	315
4900E 3300N	241	229	< 5	< 0.2	2.25	2	200	0.5	< 2	0.48	0.5	12	22	60	3.17	10	< 1	0.22	10	0.63	1065
4900E 3325N	241	229	< 5	< 0.2	1.27	4	140	< 0.5	2	0.30	< 0.5	4	13	10	1.92	< 10	< 1	0.07	10	0.18	380
4900E 3350N	241	229	< 5	< 0.2	1.45	8	130	< 0.5	< 2	0.23	< 0.5	6	12	14	1.89	< 10	< 1	0.07	10	0.19	320
4900E 3375N	241	229	< 5	< 0.2	1.18	6	130	< 0.5	< 2	0.28	< 0.5	4	14	13	1.80	< 10	< 1	0.10	10	0.21	220
4900E 3400N	241	229	< 5	< 0.2	1.28	6	110	< 0.5	< 2	0.21	< 0.5	4	14	13	1.90	< 10	< 1	0.06	< 10	0.18	210
4900E 3425N	241	229	< 5	< 0.2	1.52	4	130	< 0.5	< 2	0.23	< 0.5	4	14	11	2.00	< 10	< 1	0.06	10	0.21	210
4900E 3450N	241	229	< 5	< 0.2	1.86	6	150	< 0.5	< 2	0.20	< 0.5	3	13	11	2.04	< 10	< 1	0.06	< 10	0.20	350
4900E 3475N	241	229	< 5	0.6	1.77	8	330	0.5	< 2	0.65	2.0	7	11	26	2.20	10	< 1	0.12	10	0.20	1385
4900E 3500N	241	229	< 5	< 0.2	1.17	8	130	< 0.5	< 2	0.38	< 0.5	6	20	22	2.28	< 10	< 1	0.13	20	0.30	425
4900E 3525N	241	229	< 5	0.2	1.42	16	120	0.5	2	0.76	< 0.5	9	26	47	2.40	10	< 1	0.09	20	0.51	355
4900E 3550N	241	229	< 5	< 0.2	1.26	12	140	< 0.5	4	0.61	< 0.5	9	23	37	2.59	< 10	< 1	0.09	20	0.49	825
4900E 3575N	241	229	20	< 0.2	1.46	14	140	< 0.5	< 2	0.39	< 0.5	7	24	20	2.79	< 10	< 1	0.06	10	0.31	405
4900E 3600N	241	229	5	2.8	1.70	20	170	1.0	12	0.23	0.5	4	10	33	2.78	10	< 1	0.13	20	0.14	625
4900E 3625N	241	229	< 5	0.8	1.33	< 2	210	0.5	< 2	0.52	0.5	5	25	77	1.98	10	< 1	0.11	80	0.31	440
4900E 3650N	241	229	< 5	< 0.2	1.15	2	90	< 0.5	< 2	0.33	< 0.5	6	23	30	2.30	< 10	< 1	0.10	10	0.33	250
4900E 3675N	241	229	< 5	< 0.2	0.97	< 2	80	< 0.5	< 2	0.43	< 0.5	6	21	20	2.14	< 10	< 1	0.13	10	0.31	245
4925E 3450N	241	229	5	< 0.2	1.30	< 2	120	< 0.5	< 2	0.21	< 0.5	4	14	9	1.81	< 10	< 1	0.07	10	0.16	265
4925E 3475N	241	229	120	< 0.2	1.59	< 2	170	< 0.5	< 2	0.20	0.5	4	12	11	2.01	< 10	< 1	0.07	< 10	0.16	355
4925E 3500N	241	229	< 5	< 0.2	1.42	6	140	< 0.5	< 2	0.21	< 0.5	4	13	11	1.84	< 10	< 1	0.07	10	0.19	325
4925E 3525N	241	229	< 5	< 0.2	1.32	2	130	< 0.5	< 2	0.25	< 0.5	4	14	13	1.82	< 10	< 1	0.07	10	0.18	385

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

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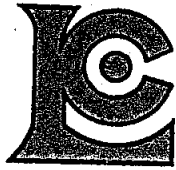
Project : SIWASH
 Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS A9322842

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
4775E 3450N	241 229	< 1	0.02	12	1390	52	< 2	2	16	0.12	< 10	< 10	57	< 10	288
4775E 3475N	241 229	< 1	0.02	15	1220	34	2	3	18	0.13	< 10	< 10	68	< 10	196
4775E 3500N	241 229	< 1	0.02	9	830	62	2	2	13	0.10	< 10	< 10	51	< 10	382
4775E 3525N	241 229	2	0.02	6	1100	1300	< 2	3	15	0.09	< 10	< 10	48	10	970
4775E 3550N	241 229	< 1	0.02	9	1070	30	4	2	14	0.10	< 10	< 10	57	< 10	1030
4775E 3575N	241 229	1	0.01	8	990	166	< 2	3	23	0.08	< 10	< 10	52	10	1225
4775E 3600N	241 229	1	0.02	4	970	34	2	1	8	0.08	< 10	< 10	37	< 10	406
4775E 3625N	241 229	1	0.02	4	1010	222	< 2	1	7	0.09	< 10	< 10	32	< 10	326
4775E 3650N	241 229	1	0.02	9	1170	200	< 2	3	21	0.08	< 10	< 10	62	< 10	714
4875E 3125N	241 229	< 1	0.03	6	940	28	2	2	17	0.11	< 10	< 10	44	< 10	200
4875E 3150N	241 229	1	0.02	6	1290	50	< 2	2	22	0.04	< 10	< 10	42	10	626
4875E 3175N	241 229	< 1	0.02	10	480	72	2	4	46	0.08	< 10	< 10	44	< 10	1345
4875E 3200N	241 229	< 1	0.02	10	420	74	4	4	49	0.09	< 10	< 10	50	10	1665
4875E 3225N	241 229	< 1	0.02	7	2080	16	< 2	1	22	0.05	< 10	< 10	37	< 10	608
4875E 3250N	241 229	< 1	0.02	4	2630	6	2	1	24	0.07	< 10	< 10	31	< 10	318
4875E 3275N	241 229	1	0.01	5	780	24	< 2	1	16	0.02	< 10	< 10	34	< 10	442
4875E 3300N	241 229	1	0.02	4	1370	30	2	1	14	0.02	< 10	< 10	27	< 10	408
4875E 3325N	241 229	3	< 0.01	2	360	160	2	1	16	< 0.01	< 10	< 10	9	10	444
4900E 3250N	241 229	1	0.01	8	790	50	< 2	2	29	0.06	< 10	< 10	50	< 10	388
4900E 3275N	241 229	< 1	0.02	7	1080	26	< 2	2	20	0.08	< 10	< 10	51	< 10	182
4900E 3300N	241 229	< 1	0.02	12	1450	48	2	6	33	0.14	< 10	< 10	81	10	728
4900E 3325N	241 229	< 1	0.01	6	1200	24	2	1	23	0.06	< 10	< 10	46	< 10	290
4900E 3350N	241 229	1	0.02	9	1450	18	< 2	2	15	0.07	< 10	< 10	44	< 10	220
4900E 3375N	241 229	1	0.01	7	1130	20	< 2	2	21	0.06	< 10	< 10	43	< 10	168
4900E 3400N	241 229	< 1	0.01	8	1180	16	< 2	2	15	0.07	< 10	< 10	47	< 10	132
4900E 3425N	241 229	< 1	0.01	9	1110	28	< 2	2	18	0.07	< 10	< 10	49	< 10	266
4900E 3450N	241 229	1	0.01	8	1010	24	< 2	1	16	0.08	< 10	< 10	48	< 10	524
4900E 3475N	241 229	< 1	0.02	7	890	244	2	2	49	0.05	< 10	< 10	38	10	2060
4900E 3500N	241 229	1	0.01	9	830	42	< 2	3	26	0.08	< 10	< 10	58	< 10	290
4900E 3525N	241 229	2	0.02	12	820	68	< 2	4	88	0.09	< 10	< 10	73	< 10	540
4900E 3550N	241 229	1	0.02	12	840	64	< 2	4	50	0.09	< 10	< 10	70	< 10	308
4900E 3575N	241 229	1	0.02	9	630	98	< 2	2	29	0.08	< 10	< 10	81	< 10	544
4900E 3600N	241 229	14	0.01	4	600	2090	< 2	1	26	0.02	< 10	< 10	37	10	696
4900E 3625N	241 229	2	0.01	10	550	116	< 2	4	49	0.08	< 10	< 10	52	< 10	572
4900E 3650N	241 229	< 1	0.01	9	630	28	< 2	2	25	0.10	< 10	< 10	69	< 10	150
4900E 3675N	241 229	1	0.01	9	1030	18	< 2	3	29	0.09	< 10	< 10	62	< 10	82
4925E 3450N	241 229	< 1	0.02	8	940	20	2	1	16	0.07	< 10	< 10	44	< 10	262
4925E 3475N	241 229	< 1	0.02	6	590	72	< 2	1	15	0.07	< 10	< 10	44	< 10	1410
4925E 3500N	241 229	< 1	0.02	8	1190	22	< 2	2	16	0.07	< 10	< 10	43	< 10	256
4925E 3525N	241 229	< 1	0.02	8	1150	24	2	2	18	0.07	< 10	< 10	45	< 10	190

CERTIFICATION:

Hart B. Schler



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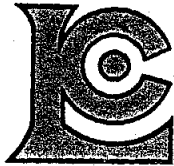
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CERTIFICATE OF ANALYSIS A9322842

SAMPLE	PREP CODE	Au ppb RUSH	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
4925E 3550N	241 229	20	< 0.2	1.30	4	120	< 0.5	< 2	0.40	< 0.5	5	21	23	2.16	< 10	< 1	0.12	20	0.29	345
4925E 3575N	241 229	25	< 0.2	1.23	< 2	130	< 0.5	< 2	0.37	< 0.5	4	22	21	2.09	< 10	< 1	0.14	10	0.31	400
4925E 3600N	241 229	20	0.4	1.27	18	150	0.5	< 2	0.34	0.5	5	20	25	2.17	10	< 1	0.15	30	0.26	865
4925E 3625N	241 229	55	2.4	1.45	4	350	< 0.5	< 2	0.40	1.5	7	30	125	5.68	10	< 1	0.18	30	0.42	2310
4925E 3650N	241 229	< 5	0.2	1.37	10	150	< 0.5	< 2	0.51	< 0.5	8	28	36	2.47	< 10	< 1	0.14	20	0.43	495
4925E 3675N	241 229	< 5	< 0.2	1.38	< 2	180	< 0.5	< 2	0.52	0.5	8	26	39	2.67	10	< 1	0.17	20	0.46	695
4925E 3700N	241 229	< 5	0.2	1.66	2	200	< 0.5	< 2	0.56	< 0.5	9	28	50	2.99	10	< 1	0.26	20	0.54	755
4925E 3725N	241 229	< 5	< 0.2	1.03	2	90	< 0.5	< 2	0.46	< 0.5	7	22	22	2.16	< 10	< 1	0.15	10	0.34	290
4925E 3750N	241 229	< 5	< 0.2	1.97	4	110	< 0.5	< 2	0.34	< 0.5	9	23	34	2.60	< 10	< 1	0.07	< 10	0.40	280
4925E 3775N	241 229	< 5	< 0.2	1.71	< 2	120	< 0.5	< 2	0.28	< 0.5	6	18	20	2.06	< 10	< 1	0.06	< 10	0.22	275
4925E 3800N	241 229	< 5	< 0.2	1.60	12	110	< 0.5	< 2	0.30	< 0.5	5	18	23	1.94	< 10	< 1	0.05	10	0.21	250
4925E 3825N	241 229	< 5	< 0.2	1.85	6	120	< 0.5	< 2	0.26	< 0.5	6	14	20	1.87	< 10	< 1	0.07	10	0.22	420
4925E 3850N	241 229	15	< 0.2	1.26	< 2	100	< 0.5	< 2	0.32	< 0.5	4	18	27	1.80	< 10	< 1	0.05	20	0.23	290
4925E 3875N	241 229	< 5	< 0.2	1.61	4	80	< 0.5	< 2	0.24	< 0.5	7	15	16	1.94	< 10	< 1	0.04	< 10	0.22	380
4925E 3900N	241 229	< 5	< 0.2	1.61	< 2	100	< 0.5	< 2	0.28	< 0.5	6	14	17	1.94	< 10	< 1	0.07	< 10	0.27	455
4950E 3450N	241 229	< 5	< 0.2	1.25	2	130	< 0.5	< 2	0.28	< 0.5	4	13	10	1.93	< 10	< 1	0.10	10	0.20	240
4950E 3475N	241 229	< 5	0.4	2.20	2	230	0.5	< 2	0.41	1.0	6	18	31	2.53	10	< 1	0.15	20	0.31	625
4950E 3500N	241 229	< 5	0.2	1.24	< 2	120	< 0.5	< 2	0.24	< 0.5	5	16	11	2.17	< 10	< 1	0.10	10	0.24	230
4950E 3525N	241 229	< 5	< 0.2	1.50	2	140	< 0.5	< 2	0.24	< 0.5	6	16	12	2.05	< 10	< 1	0.08	10	0.19	275
4950E 3550N	241 229	< 5	< 0.2	1.72	6	180	< 0.5	< 2	0.26	< 0.5	5	18	14	2.10	< 10	< 1	0.10	10	0.22	280
4950E 3575N	241 229	< 5	< 0.2	1.11	8	110	< 0.5	< 2	0.35	< 0.5	4	19	13	2.03	< 10	< 1	0.10	10	0.21	190
4950E 3600N	241 229	< 5	0.2	1.46	12	180	< 0.5	< 2	0.49	< 0.5	8	24	30	2.75	10	< 1	0.21	30	0.45	415
4950E 3625N	241 229	< 5	0.2	1.26	< 2	120	< 0.5	< 2	0.39	0.5	4	23	26	2.30	< 10	< 1	0.13	30	0.31	230
4950E 3650N	241 229	740	< 0.2	1.17	< 2	110	< 0.5	< 2	0.31	< 0.5	6	19	18	1.84	< 10	< 1	0.09	10	0.24	280
4950E 3675N	241 229	340	0.2	1.17	< 2	100	< 0.5	2	0.24	< 0.5	5	16	11	1.67	< 10	< 1	0.07	< 10	0.18	215
4950E 3700N	241 229	< 5	0.2	1.07	< 2	120	< 0.5	< 2	0.24	< 0.5	4	15	15	1.76	< 10	< 1	0.08	< 10	0.18	215
4950E 3725N	241 229	< 5	< 0.2	0.86	< 2	80	< 0.5	< 2	0.33	< 0.5	6	20	15	1.81	< 10	< 1	0.09	10	0.23	165
4950E 3750N	241 229	35	0.2	1.65	6	140	< 0.5	< 2	0.30	< 0.5	6	19	22	2.13	< 10	< 1	0.07	< 10	0.25	185
4950E 3775N	241 229	< 5	0.2	1.28	< 2	110	< 0.5	< 2	0.32	< 0.5	5	21	19	2.00	< 10	< 1	0.07	10	0.29	200
4950E 3800N	241 229	225	0.2	1.68	< 2	160	0.5	< 2	0.43	< 0.5	7	25	30	2.37	10	< 1	0.14	10	0.43	390
4950E 3825N	241 229	10	< 0.2	1.50	4	130	< 0.5	< 2	0.45	< 0.5	7	27	30	2.35	< 10	< 1	0.12	20	0.37	360
4950E 3850N	241 229	< 5	< 0.2	1.91	4	160	< 0.5	< 2	0.35	< 0.5	6	23	29	2.21	< 10	< 1	0.07	20	0.30	280
4950E 3875N	241 229	< 5	0.2	1.80	4	120	< 0.5	< 2	0.30	< 0.5	8	21	22	2.29	< 10	< 1	0.08	< 10	0.30	275
4950E 3900N	241 229	< 5	0.2	1.97	< 2	130	< 0.5	< 2	0.25	< 0.5	8	20	25	2.21	< 10	< 1	0.08	10	0.35	530
4950E 3925N	241 229	< 5	< 0.2	2.22	6	170	< 0.5	< 2	0.36	< 0.5	10	26	32	2.55	10	< 1	0.10	10	0.43	380
4950E 3950N	241 229	10	< 0.2	2.93	18	250	< 0.5	< 2	0.49	< 0.5	12	35	54	2.92	10	< 1	0.16	10	0.68	320
4950E 3975N	241 229	< 5	0.2	2.15	6	140	< 0.5	< 2	0.40	< 0.5	10	27	36	2.67	< 10	< 1	0.08	10	0.45	345
4950E 4000N	241 229	< 5	0.2	2.02	< 2	150	0.5	< 2	0.36	< 0.5	7	25	29	2.29	< 10	1	0.10	10	0.40	445
4950E 4025N	241 229	< 5	< 0.2	1.31	< 2	80	< 0.5	< 2	0.29	< 0.5	5	18	20	1.98	< 10	< 1	0.04	< 10	0.26	250
4950E 4050N	241 229	< 5	0.2	1.37	4	110	< 0.5	< 2	0.39	< 0.5	7	22	29	2.33	< 10	< 1	0.11	10	0.42	280

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project: SIWASH
Comments: CC: PAMICON DEVELOPMENTS

Page Number :2-B
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Invoice No. :19322842
P.O. Number :
Account :KAR

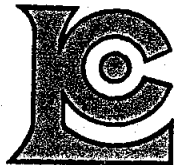
CERTIFICATE OF ANALYSIS

A9322842

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
4925E 3550N	241 229	< 1	0.02	10	900	32	< 2	3	27	0.08	< 10	< 10	54	< 10	136
4925E 3575N	241 229	< 1	0.01	10	710	34	< 2	3	28	0.09	< 10	< 10	55	< 10	170
4925E 3600N	241 229	1	0.01	11	340	128	2	3	30	0.07	< 10	< 10	50	< 10	886
4925E 3625N	241 229	11	0.01	14	780	1160	< 2	6	45	0.10	< 10	< 10	63	20	1335
4925E 3650N	241 229	1	0.02	13	870	50	< 2	4	37	0.10	< 10	< 10	65	< 10	182
4925E 3675N	241 229	1	0.02	13	870	56	< 2	5	36	0.09	< 10	< 10	65	< 10	210
4925E 3700N	241 229	1	0.02	15	840	50	2	7	39	0.10	< 10	< 10	72	10	214
4925E 3725N	241 229	< 1	0.02	10	520	16	< 2	3	33	0.12	< 10	< 10	67	< 10	52
4925E 3750N	241 229	1	0.02	15	1260	6	4	2	26	0.12	< 10	< 10	75	< 10	86
4925E 3775N	241 229	< 1	0.02	11	1020	14	< 2	2	24	0.10	< 10	< 10	56	< 10	102
4925E 3800N	241 229	< 1	0.02	10	740	26	< 2	2	27	0.09	< 10	< 10	53	< 10	134
4925E 3825N	241 229	1	0.03	12	1260	64	2	2	23	0.09	< 10	< 10	48	< 10	300
4925E 3850N	241 229	< 1	0.02	9	230	42	< 2	2	30	0.09	< 10	< 10	53	< 10	308
4925E 3875N	241 229	1	0.02	10	1310	54	< 2	2	19	0.09	< 10	< 10	52	< 10	302
4925E 3900N	241 229	< 1	0.02	10	1490	20	< 2	2	22	0.09	< 10	< 10	52	< 10	280
4950E 3450N	241 229	< 1	0.01	7	710	36	< 2	2	24	0.08	< 10	< 10	47	< 10	238
4950E 3475N	241 229	2	0.02	8	460	226	< 2	3	32	0.09	< 10	< 10	51	20	2440
4950E 3500N	241 229	1	0.01	5	510	26	2	2	19	0.08	< 10	< 10	56	10	320
4950E 3525N	241 229	< 1	0.02	7	1000	24	< 2	2	19	0.08	< 10	< 10	52	10	282
4950E 3550N	241 229	< 1	0.02	7	1190	26	< 2	2	21	0.09	< 10	< 10	51	10	286
4950E 3575N	241 229	< 1	0.01	7	630	30	< 2	2	25	0.09	< 10	< 10	56	< 10	94
4950E 3600N	241 229	< 1	0.01	8	900	46	< 2	5	37	0.08	< 10	< 10	62	20	206
4950E 3625N	241 229	1	0.01	7	470	64	2	3	33	0.10	< 10	< 10	61	10	412
4950E 3650N	241 229	< 1	0.01	7	790	24	< 2	2	22	0.08	< 10	< 10	50	10	124
4950E 3675N	241 229	1	0.02	6	770	16	< 2	1	17	0.07	< 10	< 10	44	< 10	94
4950E 3700N	241 229	1	0.02	6	680	14	< 2	2	19	0.07	< 10	< 10	46	10	130
4950E 3725N	241 229	1	0.01	5	530	20	< 2	2	22	0.08	< 10	< 10	54	10	50
4950E 3750N	241 229	< 1	0.02	9	700	18	< 2	2	23	0.10	< 10	< 10	60	10	88
4950E 3775N	241 229	< 1	0.01	8	530	44	< 2	2	23	0.09	< 10	< 10	59	10	162
4950E 3800N	241 229	< 1	0.02	10	760	122	< 2	4	33	0.11	< 10	< 10	70	10	348
4950E 3825N	241 229	< 1	0.02	11	770	76	< 2	3	36	0.11	< 10	< 10	71	10	258
4950E 3850N	241 229	< 1	0.02	11	530	52	< 2	2	31	0.11	< 10	< 10	63	10	554
4950E 3875N	241 229	< 1	0.02	9	1000	36	< 2	2	23	0.10	< 10	< 10	67	10	320
4950E 3900N	241 229	< 1	0.03	12	1330	42	< 2	3	20	0.10	< 10	< 10	59	10	240
4950E 3925N	241 229	< 1	0.03	16	1150	46	< 2	3	28	0.13	< 10	< 10	71	10	258
4950E 3950N	241 229	2	0.03	21	880	46	2	4	42	0.17	< 10	< 10	85	20	196
4950E 3975N	241 229	1	0.03	13	1050	68	< 2	3	33	0.13	< 10	< 10	78	10	256
4950E 4000N	241 229	< 1	0.02	12	740	118	4	3	30	0.12	< 10	< 10	64	10	428
4950E 4025N	241 229	< 1	0.01	8	770	70	< 2	2	20	0.08	< 10	< 10	57	10	206
4950E 4050N	241 229	< 1	0.01	10	840	68	< 2	3	31	0.09	< 10	< 10	68	10	184

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

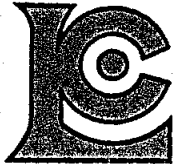
Project: SIWASH
 Comments: CC: PAMICON DEVELOPMENTS

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 Total Pages :3
 Certificate Date: 18-OCT-93
 Invoice No. :I9322842
 P.O. Number :
 Account :KAR

CERTIFICATE OF ANALYSIS A9322842

SAMPLE	PREP CODE	Au ppb RUSH	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
4975E 3450N	241 229	< 5	< 0.2	0.87	2	80	< 0.5	< 2	0.28	< 0.5	4	16	12	1.85	< 10	< 1	0.09	10	0.19	150
4975E 3475N	241 229	230	< 0.2	1.85	2	180	0.5	< 2	0.31	< 0.5	4	14	12	1.96	< 10	< 1	0.10	< 10	0.24	295
4975E 3500N	241 229	< 5	0.4	1.24	< 2	100	< 0.5	< 2	0.33	0.5	4	20	16	2.26	< 10	< 1	0.10	10	0.25	295
4975E 3525N	241 229	< 5	< 0.2	1.17	6	120	< 0.5	2	0.35	< 0.5	5	22	15	2.08	< 10	< 1	0.11	10	0.27	295
4975E 3550N	241 229	10	< 0.2	1.42	< 2	140	< 0.5	< 2	0.25	< 0.5	6	17	10	1.89	< 10	< 1	0.08	< 10	0.19	270
4975E 3575N	241 229	< 5	0.2	1.41	< 2	150	< 0.5	< 2	0.28	< 0.5	3	18	13	1.92	< 10	< 1	0.09	10	0.20	205
4975E 3600N	241 229	< 5	0.2	1.58	4	130	< 0.5	< 2	0.20	< 0.5	5	14	10	1.83	< 10	< 1	0.08	10	0.17	400
4975E 3625N	241 229	< 5	0.8	2.51	< 2	300	1.5	< 2	0.29	0.5	3	24	44	2.07	< 10	< 1	0.12	200	0.19	285
4975E 3650N	241 229	< 5	< 0.2	0.80	2	90	< 0.5	< 2	0.32	< 0.5	3	18	11	1.93	< 10	< 1	0.08	10	0.17	200
4975E 3675N	241 229	< 5	0.4	1.30	8	180	< 0.5	< 2	0.22	< 0.5	4	11	12	1.94	< 10	< 1	0.08	10	0.12	205
4975E 3700N	241 229	< 5	< 0.2	1.59	< 2	270	< 0.5	< 2	0.27	< 0.5	3	14	13	2.03	10	< 1	0.14	30	0.16	395
4975E 3725N	241 229	< 5	0.2	1.28	< 2	150	< 0.5	< 2	0.22	< 0.5	4	14	17	1.63	< 10	< 1	0.09	10	0.18	290
4975E 3750N	241 229	< 5	< 0.2	0.77	< 2	60	< 0.5	< 2	0.28	< 0.5	3	18	12	1.62	< 10	< 1	0.09	< 10	0.21	120
4975E 3775N	241 229	< 5	< 0.2	1.06	6	80	< 0.5	< 2	0.29	< 0.5	5	20	17	1.92	< 10	< 1	0.06	< 10	0.25	170
4975E 3800N	241 229	< 5	< 0.2	1.56	< 2	110	< 0.5	< 2	0.23	< 0.5	4	16	16	1.72	< 10	< 1	0.06	10	0.23	440
4975E 3825N	241 229	< 5	0.2	1.63	< 2	130	< 0.5	< 2	0.25	< 0.5	4	20	20	1.95	< 10	< 1	0.06	10	0.26	245
4975E 3850N	241 229	< 5	< 0.2	1.62	< 2	130	< 0.5	< 2	0.32	< 0.5	6	22	24	2.19	< 10	< 1	0.08	10	0.35	310
4975E 3875N	241 229	< 5	< 0.2	1.02	< 2	70	< 0.5	< 2	0.43	< 0.5	7	24	24	2.32	< 10	< 1	0.06	10	0.33	230
4975E 3900N	241 229	40	< 0.2	1.57	8	100	< 0.5	< 2	0.48	< 0.5	10	31	33	2.96	< 10	< 1	0.11	10	0.49	330

CERTIFICATION: *Hart B. Bickler*



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

**

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Account :KAR

Project : SIWASH
Comments : CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS

A9322842

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
4975E 3450N	241	229	1	0.01	6	560	42	< 2	2	21	0.07	< 10	< 10	49	< 10	132
4975E 3475N	241	229	< 1	0.02	7	820	40	2	2	25	0.09	< 10	< 10	43	10	588
4975E 3500N	241	229	1	0.01	6	240	56	< 2	2	25	0.08	< 10	< 10	55	10	442
4975E 3525N	241	229	< 1	0.01	6	290	70	< 2	2	25	0.09	< 10	< 10	55	10	322
4975E 3550N	241	229	1	0.02	6	970	24	2	2	19	0.09	< 10	< 10	48	10	232
4975E 3575N	241	229	1	0.02	8	870	28	< 2	2	22	0.08	< 10	< 10	49	< 10	142
4975E 3600N	241	229	1	0.03	6	1040	22	< 2	2	18	0.08	< 10	< 10	44	10	366
4975E 3625N	241	229	1	0.02	7	750	70	< 2	2	35	0.08	10	10	44	10	1930
4975E 3650N	241	229	< 1	0.01	6	560	24	< 2	2	22	0.08	< 10	< 10	55	< 10	88
4975E 3675N	241	229	< 1	0.04	4	680	124	< 2	1	23	0.09	< 10	< 10	50	10	532
4975E 3700N	241	229	< 1	0.02	4	370	130	< 2	2	25	0.09	< 10	< 10	50	10	626
4975E 3725N	241	229	< 1	0.01	6	790	20	< 2	2	19	0.07	< 10	< 10	39	< 10	300
4975E 3750N	241	229	< 1	0.01	3	230	14	< 2	1	18	0.09	< 10	< 10	47	< 10	40
4975E 3775N	241	229	< 1	0.01	8	760	40	< 2	1	19	0.07	< 10	< 10	56	< 10	98
4975E 3800N	241	229	< 1	0.02	8	1070	78	< 2	2	19	0.08	< 10	< 10	45	10	344
4975E 3825N	241	229	< 1	0.02	10	920	46	< 2	2	21	0.08	< 10	< 10	54	10	408
4975E 3850N	241	229	< 1	0.02	11	920	58	< 2	3	25	0.09	< 10	< 10	63	10	320
4975E 3875N	241	229	< 1	0.01	9	800	24	< 2	2	32	0.08	< 10	< 10	74	10	82
4975E 3900N	241	229	1	0.02	11	870	40	2	3	38	0.11	< 10	< 10	94	10	124

CERTIFICATION:

Stan Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
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A9322841

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 20-OCT-93.

SAMPLE PREPARATION

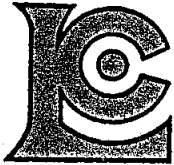
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
255	3	RUSH Geo ring to approx 150 mesh
292	3	RUSH Crush and split (0-15 lbs)
229	3	ICP - AQ Digestion charge

* 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
990	3	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	3	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	3	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	3	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	3	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	3	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	3	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	3	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	3	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	3	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	3	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	3	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	3	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	3	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	3	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	3	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	3	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	3	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	3	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	3	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	3	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	3	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	3	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	3	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	3	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	3	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	3	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	3	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	3	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	3	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	3	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	3	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	3	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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CERTIFICATE OF ANALYSIS

A9322841

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			RUSH																		
460593	255	292	< 5	1.6	0.71	24	170	< 0.5	10	0.01	< 0.5	< 1	179	12	1.86	< 10	< 1	0.52	10	0.02	35
460594	255	292	< 5	1.8	0.48	6	180	< 0.5	8	0.01	< 0.5	< 1	124	5	1.63	< 10	< 1	0.42	10	0.01	25
460595	255	292	45	5.6	0.52	14	90	< 0.5	4	0.02	< 0.5	< 1	290	34	1.38	< 10	< 1	0.50	10	0.02	125

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project: SIWASH
Comments: CC: PAMICON DEVELOPMENTS

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Account : KAR

CERTIFICATE OF ANALYSIS

A9322841

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460593	255	292	6	0.01	1	50	44	< 2	< 1	11	< 0.01	< 10	< 10	2	< 10	56
460594	255	292	8	< 0.01	1	70	74	< 2	< 1	9	< 0.01	< 10	< 10	2	< 10	16
460595	255	292	5	< 0.01	2	130	906	< 2	< 1	6	< 0.01	< 10	< 10	3	< 10	38

CERTIFICATION:

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711 - 675 W. HASTINGS ST.
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A9322840

Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE

A9322840

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
241	104	RUSH: Dry, sieve to -80 mesh
229	104	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
990	104	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	104	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	104	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	104	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	104	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	104	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	104	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	104	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	104	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	104	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	104	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	104	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	104	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	104	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	104	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	104	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	104	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	104	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	104	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	104	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	104	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	104	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	104	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	104	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	104	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	104	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	104	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	104	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	104	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	104	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	104	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	104	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	104	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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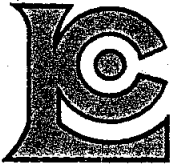
Project : SIWASH
 Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS A9322840

SAMPLE	PREP CODE	Au ppb RUSH	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
4300E 3600N	241 229	10	0.8	1.13	8	200	< 0.5	< 2	0.30	< 0.5	3	17	30	2.25	10	< 1	0.15	30	0.26	450
4300E 3625N	241 229	335	< 0.2	1.25	2	180	< 0.5	< 2	0.26	< 0.5	3	16	17	2.09	< 10	< 1	0.11	20	0.23	340
4300E 3650N	241 229	20	0.4	0.67	2	130	< 0.5	< 2	0.23	< 0.5	2	14	17	1.83	< 10	< 1	0.13	20	0.16	160
4300E 3675N	241 229	< 5	0.6	1.56	2	190	< 0.5	< 2	0.23	< 0.5	5	15	22	1.81	< 10	< 1	0.06	10	0.22	515
4300E 3700N	241 229	< 5	0.4	1.03	< 2	180	< 0.5	2	0.20	< 0.5	4	13	40	2.94	< 10	< 1	0.12	20	0.17	480
4300E 3725N	241 229	5	0.6	1.25	4	190	< 0.5	< 2	0.22	< 0.5	4	11	12	1.42	< 10	< 1	0.08	< 10	0.13	440
4300E 3750N	241 229	< 5	1.0	1.41	6	290	< 0.5	< 2	0.16	< 0.5	2	7	19	1.55	< 10	< 1	0.07	10	0.11	250
4300E 3775N	241 229	< 5	1.0	1.02	8	220	0.5	< 2	0.19	< 0.5	< 1	5	18	1.58	< 10	< 1	0.11	10	0.09	265
4300E 3800N	241 229	< 5	0.8	1.01	< 2	210	0.5	< 2	0.14	< 0.5	1	9	20	1.91	10	< 1	0.09	10	0.09	280
4300E 3825N	241 229	< 5	0.8	0.86	< 2	140	0.5	< 2	0.18	0.5	3	8	40	2.38	10	< 1	0.09	40	0.12	460
4300E 3850N	241 229	< 5	0.4	1.15	< 2	140	0.5	< 2	0.23	0.5	2	9	27	1.85	10	< 1	0.09	30	0.12	375
4350E 3600N	241 229	< 5	0.2	1.69	< 2	230	< 0.5	< 2	0.22	0.5	4	15	18	2.19	< 10	< 1	0.08	10	0.21	440
4350E 3625N	241 229	15	0.2	0.66	2	160	< 0.5	< 2	0.28	0.5	5	16	59	3.10	10	< 1	0.09	20	0.17	2400
4350E 3650N	241 229	< 5	0.4	1.62	< 2	160	< 0.5	< 2	0.20	< 0.5	3	14	16	1.74	< 10	< 1	0.05	< 10	0.23	720
4350E 3675N	241 229	< 5	0.6	1.37	< 2	180	< 0.5	< 2	0.25	0.5	6	19	24	2.23	< 10	< 1	0.07	10	0.27	345
4350E 3700N	241 229	< 5	0.6	1.38	< 2	240	0.5	4	0.20	< 0.5	4	14	23	1.94	10	< 1	0.09	30	0.15	305
4350E 3725N	241 229	< 5	0.2	1.23	6	220	< 0.5	< 2	0.21	< 0.5	2	11	9	1.73	10	< 1	0.06	10	0.14	330
4350E 3750N	241 229	< 5	2.0	2.46	2	210	0.5	< 2	0.17	0.5	3	13	71	2.00	10	< 1	0.09	40	0.14	535
4350E 3775N	241 229	< 5	1.0	1.03	4	160	0.5	< 2	0.17	0.5	2	8	16	1.58	< 10	< 1	0.06	10	0.12	425
4350E 3800N	241 229	< 5	1.2	0.97	4	150	0.5	< 2	0.19	< 0.5	2	8	26	1.68	10	< 1	0.07	20	0.09	385
4350E 3825N	241 229	< 5	1.2	1.09	6	150	0.5	2	0.15	< 0.5	3	9	36	1.86	10	< 1	0.07	20	0.11	420
4350E 3850N	241 229	< 5	0.4	1.23	4	210	< 0.5	2	0.22	< 0.5	2	9	10	1.37	10	< 1	0.07	10	0.09	560
4375E 3600N	241 229	< 5	0.4	1.02	< 2	170	0.5	2	0.24	0.5	5	17	19	2.09	< 10	< 1	0.10	10	0.24	445
4375E 3625N	241 229	< 5	< 0.2	0.67	< 2	70	< 0.5	2	0.26	< 0.5	2	13	20	1.84	< 10	< 1	0.09	10	0.20	230
4375E 3650N	241 229	85	0.6	1.36	2	190	< 0.5	< 2	0.21	< 0.5	3	16	16	1.91	< 10	< 1	0.06	10	0.24	275
4375E 3675N	241 229	< 5	1.8	1.28	6	240	0.5	2	0.22	< 0.5	2	18	43	2.50	< 10	< 1	0.08	10	0.24	170
4375E 3700N	241 229	< 5	1.4	0.91	12	220	0.5	4	0.23	< 0.5	2	13	32	2.64	10	< 1	0.14	40	0.17	330
4375E 3725N	241 229	< 5	1.0	1.53	2	180	0.5	< 2	0.22	0.5	4	18	19	2.04	< 10	< 1	0.08	20	0.25	280
4375E 3750N	241 229	< 5	0.6	1.48	6	180	0.5	< 2	0.32	< 0.5	5	19	27	2.25	< 10	< 1	0.07	10	0.35	255
4375E 3775N	241 229	< 5	0.6	0.95	2	130	0.5	< 2	0.29	0.5	2	14	23	1.86	< 10	< 1	0.08	20	0.19	270
4375E 3800N	241 229	< 5	0.4	0.78	< 2	120	0.5	< 2	0.26	0.5	3	11	29	1.85	10	< 1	0.09	30	0.17	390
4375E 3825N	241 229	< 5	0.8	1.00	2	130	0.5	< 2	0.12	0.5	3	7	31	1.87	10	< 1	0.07	20	0.11	385
4375E 3850N	241 229	< 5	0.8	0.80	6	110	0.5	< 2	0.15	< 0.5	1	8	18	1.54	10	< 1	0.08	20	0.09	165
4400E 3600N	241 229	45	0.2	0.84	4	160	< 0.5	< 2	0.19	< 0.5	3	14	16	1.74	< 10	< 1	0.08	10	0.19	200
4400E 3625N	241 229	< 5	0.2	0.94	< 2	160	0.5	< 2	0.17	0.5	4	15	26	1.94	< 10	< 1	0.08	20	0.22	445
4400E 3650N	241 229	< 5	0.6	1.24	< 2	270	0.5	< 2	0.18	< 0.5	1	10	19	1.74	10	< 1	0.08	30	0.14	710
4400E 3675N	241 229	< 5	1.8	2.05	< 2	320	0.5	< 2	0.16	0.5	2	8	17	1.61	< 10	< 1	0.06	20	0.11	450
4400E 3700N	241 229	< 5	4.8	0.55	24	410	0.5	6	0.13	< 0.5	2	11	56	3.44	10	< 1	0.28	60	0.12	460
4400E 3725N	241 229	< 5	0.4	1.01	6	170	< 0.5	< 2	0.24	< 0.5	2	10	11	1.61	< 10	< 1	0.07	10	0.16	265
4400E 3750N	241 229	< 5	0.8	1.26	< 2	170	< 0.5	< 2	0.14	< 0.5	1	7	8	1.36	< 10	< 1	0.04	10	0.09	340

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

To: INTERNATIONAL TOWER HILL MINES
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CERTIFICATE OF ANALYSIS

A9322840

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
4300E 3600N	241 229	1	0.01	9	720	98	< 2	2	35	0.07	< 10	< 10	54	< 10	588
4300E 3625N	241 229	< 1	0.01	8	410	76	< 2	2	26	0.07	< 10	< 10	54	< 10	466
4300E 3650N	241 229	1	0.01	4	400	160	< 2	1	37	0.06	< 10	< 10	42	< 10	250
4300E 3675N	241 229	< 1	0.02	9	1060	44	< 2	2	21	0.07	< 10	< 10	43	< 10	570
4300E 3700N	241 229	1	< 0.01	6	530	178	< 2	2	31	0.04	< 10	< 10	40	< 10	710
4300E 3725N	241 229	< 1	0.02	6	790	74	< 2	1	23	0.04	< 10	< 10	29	< 10	676
4300E 3750N	241 229	< 1	0.02	5	570	90	< 2	1	23	0.04	< 10	< 10	27	< 10	442
4300E 3775N	241 229	< 1	0.01	2	360	164	< 2	< 1	25	0.02	< 10	< 10	23	< 10	460
4300E 3800N	241 229	< 1	0.01	3	380	176	< 2	1	26	0.03	< 10	< 10	31	< 10	576
4300E 3825N	241 229	2	< 0.01	3	420	108	< 2	1	21	0.02	< 10	< 10	28	< 10	822
4300E 3850N	241 229	1	0.01	4	400	60	< 2	1	24	0.04	< 10	< 10	32	< 10	896
4350E 3600N	241 229	1	0.02	9	710	40	< 2	2	22	0.09	< 10	< 10	55	< 10	554
4350E 3625N	241 229	1	< 0.01	7	740	74	< 2	3	29	0.04	< 10	< 10	74	< 10	584
4350E 3650N	241 229	< 1	0.02	10	860	30	< 2	1	15	0.08	< 10	< 10	43	< 10	338
4350E 3675N	241 229	1	0.02	8	770	44	< 2	2	26	0.08	< 10	< 10	60	< 10	456
4350E 3700N	241 229	< 1	0.01	6	510	82	< 2	1	61	0.04	< 10	< 10	38	< 10	800
4350E 3725N	241 229	< 1	0.02	5	670	40	< 2	1	131	0.05	< 10	< 10	45	< 10	638
4350E 3750N	241 229	1	0.03	7	890	118	< 2	3	28	0.07	< 10	< 10	37	< 10	1185
4350E 3775N	241 229	< 1	0.01	4	650	96	< 2	1	18	0.04	< 10	< 10	35	< 10	668
4350E 3800N	241 229	< 1	0.01	2	470	120	< 2	1	19	0.02	< 10	< 10	31	< 10	902
4350E 3825N	241 229	1	0.01	3	400	90	< 2	1	18	0.03	< 10	< 10	32	< 10	852
4350E 3850N	241 229	< 1	0.02	3	400	58	< 2	1	22	0.04	< 10	< 10	30	< 10	786
4375E 3600N	241 229	< 1	0.01	6	550	44	< 2	2	25	0.07	< 10	< 10	56	< 10	400
4375E 3625N	241 229	< 1	< 0.01	6	460	46	< 2	2	23	0.06	< 10	< 10	49	< 10	424
4375E 3650N	241 229	< 1	0.01	7	630	60	< 2	1	23	0.06	< 10	< 10	47	< 10	628
4375E 3675N	241 229	< 1	0.01	7	510	150	< 2	1	30	0.04	< 10	< 10	52	< 10	734
4375E 3700N	241 229	1	< 0.01	4	400	294	< 2	1	45	0.03	< 10	< 10	39	< 10	784
4375E 3725N	241 229	1	0.02	8	460	120	< 2	2	27	0.08	< 10	< 10	48	< 10	1330
4375E 3750N	241 229	< 1	0.01	8	360	116	< 2	2	32	0.09	< 10	< 10	61	< 10	870
4375E 3775N	241 229	< 1	0.01	6	450	58	< 2	2	27	0.07	< 10	< 10	46	< 10	796
4375E 3800N	241 229	1	0.01	4	560	72	< 2	1	24	0.03	< 10	< 10	36	< 10	810
4375E 3825N	241 229	1	0.01	3	400	122	< 2	1	21	0.02	< 10	< 10	28	< 10	568
4375E 3850N	241 229	1	0.01	4	350	90	< 2	1	17	0.02	< 10	< 10	27	< 10	562
4400E 3600N	241 229	< 1	< 0.01	5	510	42	< 2	2	24	0.06	< 10	< 10	44	< 10	458
4400E 3625N	241 229	1	0.01	7	420	84	< 2	2	28	0.07	< 10	< 10	48	< 10	608
4400E 3650N	241 229	1	0.01	6	530	188	< 2	1	24	0.06	< 10	< 10	41	< 10	648
4400E 3675N	241 229	< 1	0.02	4	750	66	< 2	2	20	0.10	< 10	< 10	32	< 10	816
4400E 3700N	241 229	4	0.01	3	830	772	< 2	1	134	0.02	< 10	< 10	31	< 10	428
4400E 3725N	241 229	1	0.01	4	390	122	< 2	1	48	0.06	< 10	< 10	40	< 10	830
4400E 3750N	241 229	< 1	0.02	4	630	62	< 2	1	36	0.05	< 10	< 10	31	< 10	680

CERTIFICATION:

Hart Buchler



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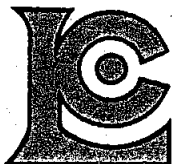
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Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS A9322840

SAMPLE	PREP CODE	Au ppb RUSH	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
4400E 3775N	241 229	< 5	0.6	1.06	2	140	< 0.5	< 2	0.21	< 0.5	2	11	13	1.52	< 10	< 1	0.08	10	0.12	365
4400E 3800N	241 229	< 5	0.6	1.24	8	140	0.5	< 2	0.16	< 0.5	1	8	10	1.37	< 10	< 1	0.04	10	0.07	615
4400E 3825N	241 229	< 5	1.4	0.85	< 2	70	0.5	2	0.27	0.5	2	13	35	1.77	10	< 1	0.08	20	0.17	265
4400E 3850N	241 229	< 5	0.8	1.41	< 2	120	0.5	< 2	0.23	0.5	2	9	20	1.70	10	< 1	0.07	30	0.12	475
4425E 3750N	241 229	< 5	0.4	0.83	6	120	0.5	< 2	0.22	< 0.5	3	11	17	1.79	< 10	< 1	0.09	20	0.14	275
4425E 3775N	241 229	< 5	1.0	1.43	4	120	0.5	< 2	0.19	< 0.5	3	7	11	1.39	< 10	< 1	0.03	10	0.08	510
4425E 3800N	241 229	< 5	0.2	0.70	12	100	0.5	< 2	0.19	< 0.5	2	10	17	1.56	< 10	< 1	0.06	20	0.15	260
4425E 3825N	241 229	< 5	0.4	1.09	10	90	0.5	< 2	0.12	< 0.5	2	7	14	1.58	< 10	< 1	0.05	10	0.11	270
4425E 3850N	241 229	< 5	0.4	0.82	< 2	70	0.5	< 2	0.19	0.5	1	10	27	1.61	< 10	< 1	0.07	30	0.14	180
4800E 3450N	241 229	< 5	0.2	2.47	< 2	140	0.5	< 2	0.15	< 0.5	4	11	20	2.00	< 10	< 1	0.03	10	0.22	505
4800E 3475N	241 229	< 5	0.4	2.24	8	140	0.5	< 2	0.20	< 0.5	6	15	27	2.08	< 10	< 1	0.04	< 10	0.27	405
4800E 3500N	241 229	< 5	0.2	2.33	14	120	0.5	< 2	0.14	< 0.5	2	10	13	2.09	10	< 1	0.03	10	0.16	450
4800E 3525N	241 229	< 5	3.8	2.06	2	180	0.5	< 2	0.12	0.5	2	8	14	1.59	10	< 1	0.04	10	0.09	585
4800E 3550N	241 229	< 5	2.0	1.71	26	220	1.0	2	0.17	1.0	3	16	136	2.93	10	< 1	0.11	70	0.14	605
4800E 3575N	241 229	10	3.6	3.41	12	370	1.0	4	0.23	2.0	4	13	156	2.37	10	< 1	0.06	40	0.17	615
4800E 3600N	241 229	< 5	1.6	2.24	4	270	0.5	< 2	0.19	1.0	2	11	51	1.79	< 10	< 1	0.03	20	0.13	885
4800E 3625N	241 229	15	2.0	2.73	4	360	0.5	< 2	0.26	1.5	7	22	149	3.12	10	< 1	0.08	40	0.29	1040
4800E 3650N	241 229	< 5	< 0.2	2.10	< 2	180	0.5	< 2	0.34	0.5	7	26	70	2.81	10	< 1	0.10	30	0.59	275
4800E 3675N	241 229	345	0.2	1.18	< 2	150	< 0.5	< 2	0.70	0.5	12	46	38	5.39	10	< 1	0.08	20	0.46	760
4800E 3700N	241 229	55	13.2	1.33	92	260	< 0.5	30	2.44	1.0	1	12	458	9.08	30	< 1	0.77	160	0.10	165
4825E 3450N	241 229	< 5	1.0	2.50	2	120	0.5	< 2	0.13	< 0.5	2	5	15	1.38	< 10	< 1	0.02	10	0.10	255
4825E 3475N	241 229	< 5	1.6	1.38	14	160	0.5	< 2	0.18	0.5	3	9	32	2.01	< 10	< 1	0.07	10	0.12	1105
4825E 3500N	241 229	< 5	0.8	2.53	< 2	120	0.5	< 2	0.13	< 0.5	4	9	17	1.87	10	< 1	0.03	10	0.13	555
4825E 3525N	241 229	< 5	0.6	2.28	< 2	130	0.5	< 2	0.19	0.5	8	16	56	2.59	10	< 1	0.04	10	0.26	445
4825E 3550N	241 229	< 5	0.2	2.16	< 2	160	0.5	< 2	0.23	1.0	7	20	53	2.40	10	< 1	0.06	10	0.32	565
4825E 3575N	241 229	< 5	0.2	2.14	8	240	0.5	< 2	0.27	< 0.5	8	27	40	2.87	< 10	< 1	0.06	10	0.42	380
4825E 3600N	241 229	< 5	< 0.2	2.11	< 2	140	0.5	4	0.21	< 0.5	5	18	27	2.21	< 10	< 1	0.06	< 10	0.29	490
4825E 3625N	241 229	< 5	< 0.2	2.15	< 2	120	0.5	2	0.16	< 0.5	5	13	21	2.08	< 10	< 1	0.04	< 10	0.23	275
4825E 3650N	241 229	< 5	0.8	1.75	4	70	< 0.5	4	0.09	< 0.5	2	11	41	2.00	< 10	< 1	0.02	10	0.13	115
4825E 3675N	241 229	< 5	< 0.2	1.21	< 2	130	< 0.5	< 2	0.51	1.0	9	24	44	2.78	10	< 1	0.06	30	0.49	595
4875E 3450N	241 229	< 5	< 0.2	2.04	< 2	90	< 0.5	< 2	0.16	< 0.5	4	11	21	1.88	< 10	< 1	0.04	< 10	0.20	500
4875E 3475N	241 229	< 5	0.6	2.08	< 2	230	0.5	4	0.19	< 0.5	3	9	13	1.72	10	< 1	0.07	10	0.18	210
4875E 3500N	241 229	40	< 0.2	1.44	< 2	70	< 0.5	< 2	0.20	0.5	5	16	18	1.98	< 10	< 1	0.06	< 10	0.28	255
4875E 3525N	241 229	< 5	0.4	2.23	12	130	0.5	< 2	0.19	0.5	7	12	18	1.76	< 10	< 1	0.05	< 10	0.19	220
4875E 3550N	241 229	< 5	0.2	2.36	6	160	0.5	< 2	0.25	< 0.5	8	17	38	2.64	10	< 1	0.08	< 10	0.42	365
4875E 3575N	241 229	< 5	0.4	2.80	< 2	100	0.5	2	0.19	0.5	6	13	31	2.03	10	< 1	0.03	< 10	0.19	335
4875E 3600N	241 229	< 5	0.2	2.42	< 2	90	0.5	< 2	0.20	< 0.5	7	16	33	2.24	< 10	< 1	0.03	< 10	0.26	325
4875E 3625N	241 229	< 5	1.2	2.09	< 2	60	0.5	< 2	0.11	< 0.5	3	9	19	2.16	10	< 1	0.02	< 10	0.08	100
4875E 3650N	241 229	< 5	< 0.2	0.94	< 2	160	< 0.5	< 2	0.43	< 0.5	7	19	21	1.98	< 10	< 1	0.13	10	0.34	835
4875E 3675N	241 229	< 5	0.2	1.51	< 2	130	< 0.5	< 2	0.30	< 0.5	6	20	22	2.14	< 10	< 1	0.08	10	0.26	300

CERTIFICATION:

Hart Beckler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

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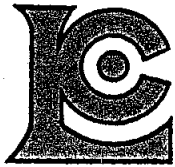
Project : SIWASH
 Comments : CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS

A9322840

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
4400E 3775N	241 229	1	0.01	3	520	90	< 2	1	35	0.03	< 10	< 10	33	10	682
4400E 3800N	241 229	< 1	0.02	3	690	64	< 2	1	16	0.04	< 10	< 10	32	< 10	542
4400E 3825N	241 229	< 1	0.01	3	480	366	2	2	34	0.04	< 10	< 10	42	10	748
4400E 3850N	241 229	< 1	0.01	4	660	110	< 2	1	33	0.04	< 10	< 10	37	10	1220
4425E 3750N	241 229	1	0.01	4	390	72	< 2	1	22	0.03	< 10	< 10	38	10	740
4425E 3775N	241 229	< 1	0.02	2	890	82	< 2	1	24	0.06	< 10	< 10	32	< 10	454
4425E 3800N	241 229	< 1	< 0.01	4	420	106	< 2	1	20	0.02	< 10	< 10	35	< 10	616
4425E 3825N	241 229	< 1	0.01	3	480	124	< 2	1	13	0.02	< 10	< 10	30	10	576
4425E 3850N	241 229	1	0.01	4	390	94	< 2	1	24	0.02	< 10	< 10	33	10	772
4800E 3450N	241 229	1	0.02	8	1210	42	< 2	2	11	0.09	< 10	< 10	46	10	352
4800E 3475N	241 229	2	0.02	8	1390	60	4	2	17	0.09	< 10	< 10	54	< 10	314
4800E 3500N	241 229	3	0.03	4	1180	16	< 2	1	11	0.09	< 10	< 10	46	10	388
4800E 3525N	241 229	2	0.03	5	840	176	< 2	1	13	0.09	< 10	< 10	30	10	588
4800E 3550N	241 229	2	0.02	7	900	152	2	3	26	0.05	< 10	< 10	45	10	1390
4800E 3575N	241 229	1	0.03	9	1060	276	< 2	3	24	0.10	< 10	< 10	41	20	2380
4800E 3600N	241 229	< 1	0.03	6	1110	184	2	2	16	0.10	< 10	< 10	41	10	1010
4800E 3625N	241 229	1	0.02	8	1070	390	< 2	4	25	0.10	< 10	< 10	72	10	1355
4800E 3650N	241 229	1	0.01	13	800	58	< 2	3	24	0.10	< 10	< 10	75	< 10	440
4800E 3675N	241 229	< 1	0.01	9	890	84	< 2	3	43	0.10	< 10	< 10	180	10	306
4800E 3700N	241 229	79	0.04	1	1270	4130	14	3	58	0.03	< 10	< 10	35	20	1115
4825E 3450N	241 229	1	0.01	2	1610	54	< 2	2	9	0.09	< 10	< 10	24	< 10	210
4825E 3475N	241 229	3	0.01	4	1210	478	2	1	13	0.03	< 10	< 10	28	< 10	816
4825E 3500N	241 229	< 1	0.02	3	1430	48	< 2	2	11	0.09	< 10	< 10	38	< 10	432
4825E 3525N	241 229	1	0.02	7	1100	156	< 2	3	16	0.10	< 10	< 10	64	10	618
4825E 3550N	241 229	< 1	0.02	10	840	92	< 2	2	17	0.10	< 10	< 10	61	10	1730
4825E 3575N	241 229	< 1	0.01	13	990	76	< 2	3	20	0.10	< 10	< 10	75	< 10	446
4825E 3600N	241 229	1	0.02	11	900	40	< 2	2	17	0.10	< 10	< 10	56	< 10	302
4825E 3625N	241 229	1	0.02	8	810	36	< 2	2	12	0.10	< 10	< 10	51	< 10	338
4825E 3650N	241 229	1	0.02	3	770	150	< 2	1	9	0.09	< 10	< 10	51	< 10	252
4825E 3675N	241 229	1	0.01	10	560	66	< 2	4	52	0.07	< 10	< 10	77	10	920
4875E 3450N	241 229	< 1	0.02	4	1410	18	< 2	2	11	0.09	< 10	< 10	46	< 10	324
4875E 3475N	241 229	1	0.01	4	1250	26	< 2	1	18	0.05	< 10	< 10	31	< 10	592
4875E 3500N	241 229	< 1	0.01	7	1040	20	< 2	2	13	0.08	< 10	< 10	54	< 10	492
4875E 3525N	241 229	< 1	0.03	9	1620	24	< 2	2	15	0.10	< 10	< 10	40	< 10	928
4875E 3550N	241 229	< 1	0.02	10	1280	22	< 2	4	20	0.13	< 10	10	72	10	432
4875E 3575N	241 229	< 1	0.03	8	1790	22	2	3	14	0.12	< 10	10	50	< 10	262
4875E 3600N	241 229	< 1	0.02	8	1260	26	< 2	2	15	0.11	< 10	< 10	60	< 10	350
4875E 3625N	241 229	1	0.03	2	1500	368	< 2	1	10	0.09	< 10	< 10	47	10	346
4875E 3650N	241 229	1	0.01	6	680	32	< 2	3	37	0.08	< 10	< 10	49	< 10	112
4875E 3675N	241 229	1	0.02	8	1070	26	< 2	3	22	0.09	< 10	10	57	< 10	182

CERTIFICATION: *Stan A. Bachler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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 PHONE: 604-984-0221

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

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Project : SIWASH
 Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS

A9322840

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			RUSH																		
4875E 3700N	241	229	< 5	0.2	1.32	< 2	120	< 0.5	4	0.22	< 0.5	4	13	13	1.74	< 10	< 1	0.06	< 10	0.17	315
4875E 3725N	241	229	< 5	< 0.2	1.30	< 2	130	< 0.5	< 2	0.22	< 0.5	6	16	25	1.74	< 10	< 1	0.08	10	0.22	325
4875E 3750N	241	229	< 5	< 0.2	1.22	< 2	110	< 0.5	< 2	0.42	< 0.5	6	23	35	2.06	< 10	< 1	0.13	20	0.45	345
4875E 3775N	241	229	< 5	< 0.2	0.99	< 2	130	0.5	< 2	0.47	< 0.5	7	21	31	2.27	< 10	< 1	0.16	20	0.39	530
4875E 3800N	241	229	< 5	< 0.2	2.00	< 2	130	< 0.5	< 2	0.35	< 0.5	10	25	57	2.75	< 10	< 1	0.08	< 10	0.63	505
4875E 3825N	241	229	< 5	< 0.2	1.65	6	90	0.5	2	0.20	< 0.5	7	15	23	1.90	< 10	< 1	0.04	< 10	0.28	415
4875E 3850N	241	229	< 5	< 0.2	1.17	6	90	< 0.5	< 2	0.21	< 0.5	7	16	22	1.79	< 10	< 1	0.05	10	0.26	355
4875E 3875N	241	229	20	< 0.2	1.82	< 2	100	< 0.5	2	0.15	< 0.5	6	13	25	1.88	< 10	< 1	0.04	< 10	0.24	440
4875E 3900N	241	229	< 5	0.2	2.02	< 2	110	0.5	< 2	0.15	0.5	6	14	27	1.84	< 10	< 1	0.06	10	0.23	445
4900E 3700N	241	229	< 5	< 0.2	0.51	< 2	70	< 0.5	2	0.24	< 0.5	5	16	21	1.58	< 10	< 1	0.10	10	0.21	160
4900E 3725N	241	229	< 5	< 0.2	0.64	< 2	80	< 0.5	< 2	0.27	< 0.5	4	18	13	1.63	< 10	< 1	0.10	10	0.24	255
4900E 3750N	241	229	< 5	0.2	1.47	< 2	130	< 0.5	< 2	0.22	< 0.5	6	14	16	1.71	< 10	< 1	0.08	< 10	0.23	385
4900E 3775N	241	229	< 5	0.2	1.28	< 2	100	< 0.5	< 2	0.22	< 0.5	4	15	14	1.73	< 10	< 1	0.06	< 10	0.19	275
4900E 3800N	241	229	335	< 0.2	1.27	< 2	120	< 0.5	< 2	0.27	< 0.5	5	18	14	1.83	< 10	< 1	0.08	< 10	0.24	260
4900E 3825N	241	229	< 5	< 0.2	1.40	< 2	110	< 0.5	4	0.25	< 0.5	4	18	15	1.92	< 10	< 1	0.07	< 10	0.22	250
4900E 3850N	241	229	< 5	< 0.2	1.73	< 2	160	0.5	< 2	0.62	< 0.5	8	34	64	2.58	10	< 1	0.19	30	0.53	585
4900E 3875N	241	229	< 5	< 0.2	0.92	< 2	90	< 0.5	< 2	0.41	< 0.5	6	19	30	2.21	< 10	< 1	0.10	20	0.29	365
4900E 3900N	241	229	< 5	0.4	1.28	< 2	120	0.5	< 2	0.38	0.5	7	17	30	1.74	10	< 1	0.09	20	0.27	505
4900E 3925N	241	229	< 5	0.2	1.41	4	130	0.5	< 2	0.33	< 0.5	8	18	18	1.93	< 10	< 1	0.08	< 10	0.35	665
4900E 3950N	241	229	< 5	0.2	1.75	< 2	120	< 0.5	4	0.29	< 0.5	7	14	19	1.90	< 10	< 1	0.08	< 10	0.27	580
4900E 3975N	241	229	< 5	1.6	2.18	6	270	1.0	< 2	0.46	< 0.5	6	23	93	1.82	20	< 1	0.07	120	0.24	385
4900E 4000N	241	229	< 5	0.6	1.74	< 2	150	0.5	< 2	0.29	< 0.5	6	17	29	1.73	10	< 1	0.07	30	0.24	275
4900E 4025N	241	229	< 5	< 0.2	0.83	< 2	80	< 0.5	< 2	0.37	< 0.5	7	21	45	2.29	< 10	< 1	0.08	10	0.35	255
4900E 4050N	241	229	< 5	0.2	0.85	4	100	< 0.5	2	0.50	< 0.5	6	21	34	2.20	< 10	< 1	0.12	20	0.32	620

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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**

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Project : SIWASH
Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS

A9322840

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
4875E 3700N	241	229	< 1	0.02	7	1150	20	< 2	1	16	0.08	< 10	< 10	44	< 10	134
4875E 3725N	241	229	1	0.02	6	500	20	< 2	2	18	0.09	< 10	< 10	44	< 10	182
4875E 3750N	241	229	1	0.01	10	720	30	< 2	3	29	0.11	< 10	< 10	59	< 10	176
4875E 3775N	241	229	1	0.01	9	880	46	< 2	3	30	0.08	< 10	< 10	57	< 10	174
4875E 3800N	241	229	1	0.01	14	1120	26	< 2	3	22	0.12	< 10	< 10	79	< 10	142
4875E 3825N	241	229	< 1	0.01	5	1140	28	< 2	2	13	0.07	< 10	< 10	51	< 10	110
4875E 3850N	241	229	< 1	< 0.01	7	970	34	< 2	2	13	0.06	< 10	< 10	49	< 10	136
4875E 3875N	241	229	< 1	0.01	6	1280	32	< 2	2	12	0.07	< 10	< 10	47	< 10	172
4875E 3900N	241	229	< 1	0.01	8	1580	34	< 2	2	11	0.07	< 10	< 10	40	< 10	434
4900E 3700N	241	229	< 1	< 0.01	6	540	16	< 2	2	15	0.04	< 10	< 10	45	< 10	44
4900E 3725N	241	229	< 1	< 0.01	7	510	26	< 2	2	19	0.06	< 10	< 10	47	< 10	42
4900E 3750N	241	229	1	0.01	9	1200	18	< 2	1	16	0.07	< 10	< 10	42	< 10	96
4900E 3775N	241	229	< 1	0.01	8	1040	16	< 2	1	15	0.07	< 10	< 10	45	< 10	76
4900E 3800N	241	229	< 1	0.02	8	880	14	< 2	2	19	0.08	< 10	< 10	49	< 10	70
4900E 3825N	241	229	< 1	0.02	7	950	24	< 2	2	20	0.10	< 10	< 10	51	< 10	130
4900E 3850N	241	229	1	0.02	14	790	62	< 2	7	52	0.13	< 10	< 10	69	< 10	158
4900E 3875N	241	229	1	0.01	7	780	44	< 2	3	28	0.08	< 10	< 10	62	< 10	150
4900E 3900N	241	229	2	0.02	7	220	72	< 2	2	34	0.09	< 10	< 10	50	< 10	538
4900E 3925N	241	229	< 1	0.01	11	920	48	< 2	2	25	0.09	< 10	< 10	51	< 10	468
4900E 3950N	241	229	< 1	0.03	9	1760	40	< 2	2	23	0.09	< 10	< 10	48	< 10	296
4900E 3975N	241	229	2	0.03	10	390	110	< 2	3	54	0.07	10	20	40	< 10	808
4900E 4000N	241	229	< 1	0.02	9	630	120	< 2	2	27	0.07	< 10	< 10	41	< 10	530
4900E 4025N	241	229	< 1	0.01	8	860	52	< 2	2	22	0.06	< 10	< 10	67	< 10	122
4900E 4050N	241	229	< 1	0.01	9	920	62	< 2	3	35	0.06	< 10	< 10	55	< 10	276

CERTIFICATION:

Hart/Suehler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9322725

Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE

A9322725

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
P.O.#:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
241	129	RUSH: Dry, sieve to -80 mesh
229	129	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
990	129	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	129	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	129	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	129	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	129	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	129	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	129	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	129	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	129	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	129	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	129	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	129	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	129	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	129	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	129	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	129	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	129	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	129	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	129	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	129	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	129	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	129	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	129	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	129	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	129	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	129	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	129	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	129	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	129	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	129	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	129	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	129	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	129	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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 V6B 1N4

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 Account : KAR

Project : SIWASH
 Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS A9322725

SAMPLE	PREP CODE	Au ppb RUSH	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
L4425E 3600N	241 229	< 5	< 0.2	0.80	< 2	90	< 0.5	< 2	0.27	< 0.5	3	17	18	1.94	10	< 1	0.10	10	0.18	240
L4425E 3625N	241 229	< 5	0.4	1.76	< 2	140	< 0.5	< 2	0.19	< 0.5	4	15	14	1.85	10	< 1	0.05	< 10	0.19	500
L4425E 3650N	241 229	< 5	0.2	1.49	2	220	< 0.5	< 2	0.24	< 0.5	3	16	15	2.12	10	< 1	0.11	30	0.22	350
L4425E 3675N	241 229	< 5	0.4	1.75	10	250	< 0.5	< 2	0.22	< 0.5	4	14	15	2.14	10	< 1	0.10	20	0.17	300
L4425E 3700N	241 229	< 5	1.3	1.20	6	230	< 0.5	4	0.21	< 0.5	2	11	32	2.21	10	< 1	0.14	30	0.13	280
L4425E 3725N	241 229	< 5	0.6	1.13	< 2	200	< 0.5	< 2	0.15	< 0.5	2	10	21	1.91	10	< 1	0.11	20	0.10	405
L4450E 3600N	241 229	< 5	0.4	1.89	4	200	< 0.5	< 2	0.22	< 0.5	6	18	20	2.14	10	< 1	0.08	10	0.23	405
L4450E 3625N	241 229	< 5	0.6	1.48	6	180	< 0.5	< 2	0.31	0.5	6	28	33	2.84	10	< 1	0.12	20	0.36	490
L4450E 3650N	241 229	< 5	0.6	1.06	2	160	< 0.5	< 2	0.23	0.5	3	17	29	2.31	10	< 1	0.13	20	0.20	285
L4450E 3675N	241 229	< 5	0.6	1.65	2	160	< 0.5	< 2	0.16	0.5	3	10	11	1.80	10	< 1	0.05	10	0.13	650
L4450E 3700N	241 229	135	1.2	1.44	2	190	< 0.5	< 2	0.17	0.5	3	8	17	1.68	10	< 1	0.08	20	0.11	450
L4450E 3725N	241 229	< 5	0.6	1.14	< 2	130	< 0.5	2	0.26	0.5	3	13	14	1.54	10	< 1	0.11	20	0.14	270
L4450E 3750N	241 229	< 5	1.0	1.45	< 2	160	< 0.5	< 2	0.21	0.5	3	10	12	1.53	10	< 1	0.09	20	0.11	355
L4450E 3775N	241 229	< 5	0.2	0.88	6	80	< 0.5	2	0.34	1.0	3	15	27	2.37	10	< 1	0.11	30	0.21	300
L4450E 3800N	241 229	< 5	0.2	1.02	< 2	110	< 0.5	< 2	0.24	0.5	3	12	13	1.65	10	< 1	0.09	20	0.16	220
L4450E 3825N	241 229	< 5	1.0	1.33	< 2	110	< 0.5	< 2	0.19	0.5	3	14	23	2.07	10	< 1	0.10	20	0.15	310
L4450E 3850N	241 229	< 5	0.2	1.15	< 2	80	< 0.5	< 2	0.18	< 0.5	3	12	12	1.69	10	< 1	0.09	20	0.11	205
L4500E 3600N	241 229	< 5	0.6	2.01	< 2	160	< 0.5	< 2	0.17	0.5	4	12	13	1.78	10	< 1	0.06	10	0.15	515
L4500E 3625N	241 229	< 5	0.4	1.19	2	130	< 0.5	< 2	0.26	1.0	4	26	35	2.35	10	< 1	0.09	20	0.30	350
L4500E 3650N	241 229	< 5	1.4	1.77	2	220	< 0.5	2	0.25	1.0	9	53	115	3.75	10	< 1	0.16	20	0.67	565
L4500E 3675N	241 229	< 5	1.2	1.07	< 2	200	< 0.5	2	0.18	0.5	2	12	24	1.65	10	< 1	0.12	40	0.10	230
L4500E 3700N	241 229	< 5	1.8	1.56	2	150	< 0.5	2	0.17	< 0.5	3	12	28	2.03	10	< 1	0.07	30	0.12	165
L4500E 3725N	241 229	5	0.8	1.01	4	120	< 0.5	< 2	0.36	0.5	3	17	28	2.08	10	< 1	0.12	30	0.21	270
L4500E 3750N	241 229	10	1.0	1.39	< 2	140	< 0.5	< 2	0.24	< 0.5	3	17	17	1.89	10	< 1	0.09	20	0.15	505
L4500E 3775N	241 229	< 5	0.4	1.03	2	100	< 0.5	< 2	0.33	< 0.5	3	17	15	1.94	10	< 1	0.11	20	0.19	255
L4500E 3800N	241 229	< 5	0.4	1.42	2	100	< 0.5	< 2	0.20	< 0.5	3	12	10	1.75	10	< 1	0.07	10	0.13	360
L4500E 3825N	241 229	20	0.8	1.20	2	100	< 0.5	< 2	0.24	0.5	4	17	48	1.98	10	< 1	0.10	30	0.17	445
L4500E 3850N	241 229	< 5	0.6	1.16	6	80	< 0.5	< 2	0.29	< 0.5	3	17	20	2.20	10	< 1	0.10	20	0.21	295
L4550E 3450N	241 229	< 5	1.0	2.28	4	290	< 0.5	< 2	0.27	1.0	6	24	45	2.43	10	< 1	0.09	20	0.31	530
L4550E 3475N	241 229	< 5	0.6	1.56	4	310	< 0.5	< 2	0.66	0.5	9	30	55	2.52	10	< 1	0.11	30	0.41	1660
L4550E 3500N	241 229	< 5	0.2	1.15	< 2	130	< 0.5	< 2	0.29	0.5	4	19	31	2.36	10	< 1	0.16	20	0.31	340
L4550E 3525N	241 229	< 5	0.2	1.07	< 2	120	< 0.5	< 2	0.22	< 0.5	4	20	14	2.11	10	< 1	0.08	10	0.23	325
L4550E 3550N	241 229	< 5	0.2	1.60	< 2	200	< 0.5	< 2	0.18	0.5	4	15	12	1.79	10	< 1	0.07	10	0.19	465
L4550E 3575N	241 229	< 5	0.2	1.96	< 2	170	< 0.5	< 2	0.23	< 0.5	6	23	27	2.37	10	< 1	0.07	< 10	0.44	255
L4550E 3600N	241 229	5	0.2	1.55	< 2	240	< 0.5	< 2	0.21	0.5	4	16	20	1.88	10	< 1	0.09	10	0.24	435
L4550E 3625N	241 229	< 5	1.8	1.43	< 2	160	< 0.5	< 2	0.24	1.0	3	13	11	1.78	10	< 1	0.11	10	0.15	475
L4550E 3650N	241 229	< 5	0.4	1.37	2	160	< 0.5	< 2	0.27	< 0.5	3	14	13	1.82	10	< 1	0.08	20	0.18	320
L4550E 3675N	241 229	< 5	0.4	1.67	< 2	160	< 0.5	< 2	0.23	0.5	4	13	11	1.71	10	< 1	0.08	10	0.15	540
L4550E 3700N	241 229	< 5	0.6	1.15	< 2	950	< 0.5	< 2	0.31	0.5	3	18	45	2.55	10	< 1	0.18	40	0.24	725
L4550E 3725N	241 229	< 5	1.2	1.39	< 2	120	< 0.5	< 2	0.21	0.5	3	12	8	1.56	10	< 1	0.08	10	0.12	375

CERTIFICATION: *Hart Buehler*



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES **
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
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Account :KAR

Project : SIWASH
Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS

A9322725

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L4425E 3600N	241	229	< 1	0.01	6	560	42	< 2	2	22	0.06	< 10	< 10	49	< 10	218
L4425E 3625N	241	229	< 1	0.03	8	850	76	< 2	1	19	0.09	< 10	< 10	45	< 10	458
L4425E 3650N	241	229	< 1	0.01	7	250	64	< 2	2	34	0.07	< 10	< 10	45	< 10	560
L4425E 3675N	241	229	1	0.02	7	540	88	< 2	1	36	0.06	< 10	< 10	49	< 10	748
L4425E 3700N	241	229	2	0.02	4	520	132	< 2	1	75	0.03	< 10	< 10	36	< 10	646
L4425E 3725N	241	229	1	0.02	4	430	120	< 2	1	45	0.03	< 10	< 10	33	< 10	588
L4450E 3600N	241	229	< 1	0.03	9	940	34	< 2	2	25	0.10	< 10	< 10	52	< 10	426
L4450E 3625N	241	229	< 1	0.02	10	690	190	< 2	3	35	0.11	< 10	< 10	74	< 10	502
L4450E 3650N	241	229	< 1	0.01	6	350	136	< 2	2	37	0.06	< 10	< 10	46	< 10	708
L4450E 3675N	241	229	< 1	0.02	6	810	40	< 2	1	18	0.08	< 10	< 10	42	< 10	656
L4450E 3700N	241	229	1	0.02	4	600	120	< 2	1	33	0.04	< 10	< 10	35	< 10	724
L4450E 3725N	241	229	< 1	0.02	3	520	156	< 2	1	77	0.04	< 10	< 10	37	< 10	670
L4450E 3750N	241	229	< 1	0.03	4	590	114	< 2	1	37	0.04	< 10	< 10	34	< 10	762
L4450E 3775N	241	229	< 1	0.01	5	690	172	< 2	2	31	0.05	< 10	< 10	46	< 10	1090
L4450E 3800N	241	229	< 1	0.01	4	390	46	< 2	1	25	0.04	< 10	< 10	38	< 10	646
L4450E 3825N	241	229	< 1	0.02	4	490	394	< 2	1	24	0.04	< 10	< 10	39	< 10	916
L4450E 3850N	241	229	< 1	0.01	3	430	84	< 2	1	23	0.03	< 10	< 10	37	< 10	570
L4500E 3600N	241	229	< 1	0.02	6	1190	86	< 2	2	19	0.10	< 10	< 10	40	< 10	744
L4500E 3625N	241	229	< 1	0.01	10	420	90	< 2	2	29	0.08	< 10	< 10	56	< 10	1530
L4500E 3650N	241	229	1	0.02	14	570	362	< 2	3	43	0.11	< 10	< 10	67	< 10	4350
L4500E 3675N	241	229	1	0.01	3	440	240	< 2	1	46	0.02	< 10	< 10	29	< 10	712
L4500E 3700N	241	229	2	0.02	4	660	130	< 2	1	29	0.06	< 10	< 10	45	< 10	520
L4500E 3725N	241	229	1	0.01	4	650	168	< 2	2	118	0.06	< 10	< 10	48	< 10	530
L4500E 3750N	241	229	< 1	0.02	4	690	146	< 2	1	26	0.06	< 10	< 10	44	< 10	626
L4500E 3775N	241	229	< 1	0.01	4	540	58	< 2	2	35	0.06	< 10	< 10	48	< 10	528
L4500E 3800N	241	229	< 1	0.02	4	620	64	< 2	1	39	0.07	< 10	< 10	43	< 10	476
L4500E 3825N	241	229	< 1	0.02	4	400	134	< 2	2	33	0.07	< 10	< 10	49	< 10	596
L4500E 3850N	241	229	< 1	0.01	4	490	190	< 2	2	29	0.06	< 10	< 10	50	< 10	626
L4550E 3450N	241	229	< 1	0.02	9	700	134	< 2	3	25	0.07	< 10	< 10	53	< 10	1455
L4550E 3475N	241	229	1	0.02	13	540	64	< 2	4	63	0.08	< 10	< 10	62	< 10	496
L4550E 3500N	241	229	< 1	0.01	7	470	66	< 2	3	28	0.09	< 10	< 10	54	< 10	640
L4550E 3525N	241	229	< 1	0.01	7	470	56	< 2	1	22	0.07	< 10	< 10	52	< 10	406
L4550E 3550N	241	229	< 1	0.01	6	610	96	< 2	1	16	0.06	< 10	< 10	40	< 10	876
L4550E 3575N	241	229	< 1	0.02	10	630	48	< 2	2	29	0.10	< 10	< 10	63	< 10	686
L4550E 3600N	241	229	< 1	0.01	7	340	118	< 2	2	23	0.07	< 10	< 10	44	< 10	962
L4550E 3625N	241	229	< 1	0.02	4	540	182	< 2	1	22	0.05	< 10	< 10	37	< 10	1940
L4550E 3650N	241	229	< 1	0.01	4	290	88	< 2	1	33	0.07	< 10	< 10	44	< 10	782
L4550E 3675N	241	229	< 1	0.03	5	630	62	< 2	1	25	0.08	< 10	< 10	40	< 10	860
L4550E 3700N	241	229	1	0.01	4	260	152	< 2	4	46	0.03	< 10	< 10	39	< 10	1175
L4550E 3725N	241	229	< 1	0.03	4	560	82	< 2	1	23	0.07	< 10	< 10	39	< 10	914

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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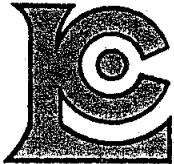
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Account :KAR

CERTIFICATE OF ANALYSIS A9322725

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			RUSH	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
L4550E 3750N	241	229	< 5	1.4	1.49	< 2	120	< 0.5	< 2	0.19	0.5	3	13	12	1.68	10	< 1	0.07	10	0.12	260
L4550E 3775N	241	229	< 5	0.8	1.08	< 2	140	< 0.5	< 2	0.21	0.5	2	15	17	1.78	10	< 1	0.09	20	0.14	195
L4550E 3800N	241	229	< 5	0.6	0.93	< 2	110	< 0.5	< 2	0.19	< 0.5	3	16	27	2.47	10	< 1	0.11	20	0.15	260
L4550E 3825N	241	229	< 5	0.4	0.99	< 2	80	< 0.5	< 2	0.32	0.5	4	19	27	2.26	10	< 1	0.09	20	0.27	235
L4550E 3850N	241	229	< 5	0.4	0.92	2	60	< 0.5	< 2	0.26	< 0.5	3	23	29	2.33	10	< 1	0.08	20	0.22	230
L4650E 3450N	241	229	< 5	1.0	1.58	< 2	260	< 0.5	< 2	0.39	1.0	13	27	64	2.52	10	< 1	0.09	30	0.35	1465
L4650E 3475N	241	229	< 5	0.2	1.67	4	180	< 0.5	< 2	0.31	< 0.5	8	28	28	2.66	10	< 1	0.09	10	0.40	375
L4650E 3500N	241	229	< 5	1.6	3.51	< 2	700	< 0.5	4	0.24	1.0	4	18	97	1.88	20	< 1	0.09	40	0.23	430
L4650E 3525N	241	229	< 5	0.4	2.22	< 2	150	< 0.5	< 2	0.16	0.5	5	18	15	2.28	10	< 1	0.05	10	0.23	300
L4650E 3550N	241	229	< 5	0.4	1.61	< 2	400	< 0.5	< 2	0.17	0.5	4	13	11	2.00	10	< 1	0.07	10	0.14	490
L4650E 3575N	241	229	< 5	0.6	2.05	< 2	200	< 0.5	2	0.24	0.5	4	12	21	1.95	10	< 1	0.07	10	0.19	395
L4650E 3600N	241	229	< 5	0.8	1.68	2	110	< 0.5	< 2	0.27	1.0	5	17	44	2.24	10	< 1	0.07	10	0.21	535
L4650E 3625N	241	229	< 5	0.8	1.57	< 2	130	< 0.5	2	0.25	0.5	4	13	23	1.83	10	< 1	0.07	10	0.15	615
L4650E 3650N	241	229	10	1.0	1.58	< 2	180	< 0.5	2	0.28	0.5	4	20	42	2.49	10	< 1	0.09	30	0.23	365
L4650E 3675N	241	229	< 5	0.6	1.55	< 2	200	< 0.5	2	0.27	0.5	4	17	45	2.31	10	< 1	0.10	30	0.20	500
L4650E 3700N	241	229	< 5	1.0	1.34	< 2	150	< 0.5	2	0.20	< 0.5	3	12	18	1.75	10	< 1	0.10	30	0.12	280
L4650E 3725N	241	229	60	1.2	1.40	< 2	140	< 0.5	< 2	0.14	< 0.5	3	9	21	1.81	10	< 1	0.08	20	0.09	190
L4650E 3750N	241	229	< 5	0.8	1.54	2	190	< 0.5	< 2	0.17	< 0.5	3	13	39	2.58	10	< 1	0.10	30	0.13	105
L4650E 3775N	241	229	< 5	0.4	1.35	< 2	160	< 0.5	< 2	0.19	< 0.5	3	14	63	2.06	10	< 1	0.10	20	0.15	215
L4650E 3800N	241	229	< 5	0.6	1.86	< 2	150	< 0.5	< 2	0.12	< 0.5	3	10	26	1.95	10	< 1	0.06	10	0.12	395
L4650E 3825N	241	229	< 5	0.6	1.86	< 2	190	< 0.5	< 2	0.19	0.5	3	12	79	2.16	10	< 1	0.11	40	0.16	465
L4650E 3850N	241	229	< 5	0.4	1.28	< 2	110	< 0.5	< 2	0.26	< 0.5	3	16	18	1.88	10	< 1	0.09	20	0.19	250
L4675E 3550N	241	229	< 5	0.6	1.21	4	270	< 0.5	< 2	0.29	< 0.5	4	21	21	2.46	10	< 1	0.10	20	0.26	315
L4675E 3575N	241	229	< 5	0.4	1.44	2	110	< 0.5	< 2	0.39	0.5	5	24	34	2.54	10	< 1	0.09	20	0.32	365
L4675E 3600N	241	229	< 5	1.6	1.33	< 2	190	< 0.5	4	0.23	0.5	4	18	33	2.30	10	< 1	0.12	30	0.19	455
L4800E 3125N	241	229	< 5	0.2	1.81	< 2	100	< 0.5	< 2	0.24	< 0.5	7	23	16	2.22	10	< 1	0.05	< 10	0.26	355
L4800E 3150N	241	229	< 5	0.2	1.54	4	130	< 0.5	< 2	0.20	< 0.5	5	15	12	2.07	10	< 1	0.07	< 10	0.20	480
L4800E 3175N	241	229	< 5	0.8	2.23	4	160	< 0.5	< 2	0.14	< 0.5	3	10	14	1.86	10	< 1	0.04	10	0.11	310
L4800E 3200N	241	229	< 5	0.6	1.95	< 2	190	< 0.5	< 2	0.24	0.5	6	19	21	1.98	10	< 1	0.06	< 10	0.27	340
L4800E 3225N	241	229	< 5	0.8	2.00	< 2	220	< 0.5	< 2	0.54	1.0	7	29	70	2.49	10	< 1	0.12	20	0.44	495
L4800E 3250N	241	229	< 5	1.0	2.02	6	210	< 0.5	< 2	0.24	< 0.5	6	18	37	2.05	10	< 1	0.06	10	0.24	345
L4800E 3275N	241	229	< 5	0.4	1.78	8	120	< 0.5	< 2	0.24	< 0.5	6	14	15	1.95	10	< 1	0.06	< 10	0.21	260
L4800E 3300N	241	229	< 5	0.4	2.04	< 2	350	< 0.5	< 2	0.17	< 0.5	4	13	12	1.82	10	< 1	0.09	< 10	0.23	285
L4800E 3325N	241	229	15	2.4	1.24	< 2	470	< 0.5	< 2	0.27	1.0	3	11	38	2.10	10	< 1	0.12	20	0.17	645
L4825E 3125N	241	229	15	0.2	1.61	4	120	< 0.5	< 2	0.21	< 0.5	4	17	13	1.84	10	< 1	0.06	< 10	0.17	490
L4825E 3150N	241	229	< 5	0.2	1.76	2	120	< 0.5	< 2	0.20	< 0.5	5	17	16	1.92	10	< 1	0.05	< 10	0.20	505
L4825E 3175N	241	229	< 5	0.8	2.11	< 2	100	< 0.5	< 2	0.07	< 0.5	3	11	8	1.89	10	< 1	0.03	< 10	0.09	250
L4825E 3200N	241	229	< 5	1.2	2.59	< 2	240	< 0.5	< 2	0.18	< 0.5	3	13	24	2.30	10	< 1	0.04	10	0.14	370
L4825E 3225N	241	229	< 5	1.8	2.27	< 2	280	< 0.5	< 2	0.60	1.0	6	28	94	2.46	10	< 1	0.08	20	0.36	650
L4825E 3250N	241	229	45	1.2	1.84	< 2	240	< 0.5	< 2	0.35	0.5	5	20	39	2.49	10	< 1	0.09	10	0.28	305

CERTIFICATION:

Janet Buchler



Chemex Labs Ltd.

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 212 Brooksbank Ave., North Vancouver
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 PHONE: 604-984-0221

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

**

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Project : SIWASH
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CERTIFICATE OF ANALYSIS

A9322725

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L4550E 3750N	241	229	< 1	0.03	5	690	80	< 2	1	23	0.07	< 10	< 10	40	< 10	834
L4550E 3775N	241	229	< 1	0.01	4	510	116	< 2	1	26	0.05	< 10	< 10	39	< 10	764
L4550E 3800N	241	229	1	0.01	3	470	166	< 2	1	30	0.05	< 10	< 10	48	< 10	420
L4550E 3825N	241	229	< 1	0.01	5	540	86	< 2	2	32	0.07	< 10	< 10	59	< 10	668
L4550E 3850N	241	229	< 1	0.01	4	340	98	< 2	2	30	0.07	< 10	< 10	59	< 10	396
L4650E 3450N	241	229	1	0.02	9	490	104	< 2	4	39	0.09	< 10	< 10	58	< 10	978
L4650E 3475N	241	229	< 1	0.02	12	780	34	< 2	2	26	0.11	< 10	< 10	72	< 10	340
L4650E 3500N	241	229	< 1	0.04	9	450	78	< 2	4	27	0.09	< 10	< 10	30	< 10	1970
L4650E 3525N	241	229	< 1	0.02	8	1130	34	< 2	2	15	0.10	< 10	< 10	56	< 10	768
L4650E 3550N	241	229	< 1	0.02	4	800	52	< 2	1	16	0.06	< 10	< 10	50	< 10	900
L4650E 3575N	241	229	< 1	0.03	6	1010	134	< 2	2	20	0.09	< 10	< 10	45	< 10	800
L4650E 3600N	241	229	< 1	0.02	6	790	80	< 2	2	22	0.08	< 10	< 10	56	< 10	1450
L4650E 3625N	241	229	< 1	0.02	5	800	128	< 2	1	21	0.07	< 10	< 10	45	< 10	904
L4650E 3650N	241	229	1	0.01	6	480	172	< 2	2	32	0.07	< 10	< 10	60	< 10	706
L4650E 3675N	241	229	< 1	0.02	6	680	182	< 2	2	35	0.07	< 10	< 10	56	< 10	512
L4650E 3700N	241	229	< 1	0.02	3	450	180	< 2	1	30	0.06	< 10	< 10	41	< 10	366
L4650E 3725N	241	229	< 1	0.02	3	330	284	< 2	1	22	0.05	< 10	< 10	36	< 10	372
L4650E 3750N	241	229	< 1	0.02	3	390	402	< 2	1	30	0.05	< 10	< 10	50	< 10	270
L4650E 3775N	241	229	< 1	0.02	4	460	174	< 2	1	37	0.04	< 10	< 10	44	< 10	408
L4650E 3800N	241	229	< 1	0.02	4	880	84	< 2	1	26	0.06	< 10	< 10	38	< 10	374
L4650E 3825N	241	229	1	0.02	5	700	172	< 2	2	38	0.04	< 10	< 10	42	< 10	918
L4650E 3850N	241	229	< 1	0.01	5	620	68	< 2	2	55	0.06	< 10	< 10	47	< 10	488
L4675E 3550N	241	229	1	0.01	6	370	96	< 2	2	28	0.08	< 10	< 10	64	< 10	514
L4675E 3575N	241	229	< 1	0.01	8	550	128	< 2	3	28	0.09	< 10	< 10	71	< 10	2400
L4675E 3600N	241	229	4	0.01	6	500	162	< 2	2	28	0.06	< 10	< 10	47	< 10	966
L4800E 3125N	241	229	< 1	0.02	9	1000	28	< 2	2	18	0.10	< 10	< 10	58	< 10	234
L4800E 3150N	241	229	< 1	0.03	7	890	26	< 2	2	17	0.09	< 10	< 10	50	< 10	332
L4800E 3175N	241	229	1	0.03	5	1220	30	< 2	1	15	0.08	< 10	< 10	36	< 10	528
L4800E 3200N	241	229	< 1	0.02	9	640	38	< 2	2	23	0.09	< 10	< 10	43	< 10	946
L4800E 3225N	241	229	< 1	0.02	12	390	58	< 2	5	44	0.12	< 10	< 10	58	< 10	1250
L4800E 3250N	241	229	< 1	0.03	9	570	30	< 2	2	22	0.09	< 10	< 10	46	< 10	970
L4800E 3275N	241	229	< 1	0.03	8	1140	14	< 2	2	20	0.10	< 10	< 10	48	< 10	270
L4800E 3300N	241	229	< 1	0.03	7	1100	22	< 2	2	16	0.07	< 10	< 10	39	< 10	350
L4800E 3325N	241	229	1	0.01	4	260	460	< 2	2	29	0.02	< 10	< 10	32	< 10	966
L4825E 3125N	241	229	< 1	0.03	7	1320	22	< 2	2	18	0.09	< 10	< 10	44	< 10	190
L4825E 3150N	241	229	< 1	0.02	7	1200	28	< 2	2	16	0.09	< 10	< 10	45	< 10	222
L4825E 3175N	241	229	< 1	0.02	3	2290	12	< 2	1	8	0.08	< 10	< 10	33	< 10	420
L4825E 3200N	241	229	< 1	0.03	6	720	76	< 2	1	18	0.08	< 10	< 10	40	< 10	552
L4825E 3225N	241	229	< 1	0.02	12	380	60	< 2	5	51	0.09	< 10	< 10	49	< 10	1885
L4825E 3250N	241	229	< 1	0.02	9	250	64	< 2	3	31	0.08	< 10	< 10	55	< 10	1015

CERTIFICATION:

Hart Buchler



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Analytical Chemists * Geochemists * Registered Assayers
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To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
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 P.O. Number :
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Project : SIWASH
 Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS A9322725

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			RUSH																		
L4825E 3275N	241	229	< 5	0.2	1.83	< 2	390	< 0.5	< 2	0.31	< 0.5	5	13	11	2.58	10	< 1	0.10	< 10	0.25	825
L4825E 3300N	241	229	< 5	0.2	1.47	< 2	180	< 0.5	< 2	0.16	< 0.5	4	14	12	2.00	10	< 1	0.06	< 10	0.18	645
L4825E 3700N	241	229	275	54.0	2.37	78	320	< 0.5	290	0.08	0.5	1	18	134	6.06	10	< 1	0.11	10	0.11	230
L4825E 3725N	241	229	< 5	0.6	2.20	2	120	< 0.5	< 2	0.17	< 0.5	6	15	24	1.92	10	< 1	0.04	< 10	0.23	330
L4825E 3750N	241	229	< 5	0.2	1.52	< 2	90	< 0.5	< 2	0.26	< 0.5	7	24	22	1.96	10	< 1	0.07	10	0.30	375
L4825E 3775N	241	229	< 5	< 0.2	1.43	4	100	< 0.5	< 2	0.31	< 0.5	8	29	27	2.46	10	< 1	0.10	10	0.45	270
L4825E 3800N	241	229	< 5	< 0.2	1.44	< 2	130	< 0.5	< 2	0.24	< 0.5	6	20	15	1.97	10	< 1	0.08	10	0.29	490
L4825E 3825N	241	229	< 5	< 0.2	1.68	< 2	160	< 0.5	< 2	0.22	< 0.5	6	19	21	2.09	10	< 1	0.10	10	0.27	320
L4825E 3850N	241	229	130	< 0.2	1.63	< 2	170	< 0.5	< 2	0.35	< 0.5	8	28	35	2.77	10	< 1	0.20	10	0.54	425
L4825E 3875N	241	229	210	< 0.2	1.43	2	100	< 0.5	< 2	0.35	< 0.5	7	28	27	2.33	10	< 1	0.18	10	0.47	310
L4825E 3900N	241	229	< 5	< 0.2	1.54	2	110	< 0.5	< 2	0.28	< 0.5	6	20	21	2.01	10	< 1	0.08	< 10	0.28	430
L4850E 3125N	241	229	< 5	0.6	2.51	2	210	< 0.5	< 2	0.21	< 0.5	6	17	21	2.26	10	< 1	0.07	10	0.23	575
L4850E 3150N	241	229	< 5	0.4	2.22	< 2	190	< 0.5	< 2	0.17	< 0.5	4	15	21	1.97	10	< 1	0.05	10	0.17	350
L4850E 3175N	241	229	< 5	1.0	2.48	< 2	210	< 0.5	< 2	0.21	< 0.5	4	18	24	2.12	10	< 1	0.06	10	0.20	350
L4850E 3200N	241	229	< 5	0.8	2.00	< 2	180	< 0.5	< 2	0.18	1.0	4	12	20	2.55	10	< 1	0.08	10	0.18	940
L4850E 3225N	241	229	< 5	1.0	1.82	2	300	< 0.5	< 2	0.40	< 0.5	3	9	34	2.09	10	< 1	0.11	10	0.12	515
L4850E 3250N	241	229	< 5	2.4	2.61	< 2	490	< 0.5	< 2	0.47	0.5	6	19	83	2.85	10	< 1	0.12	20	0.21	765
L4850E 3275N	241	229	< 5	< 0.2	1.97	< 2	290	< 0.5	< 2	0.15	< 0.5	3	10	8	2.10	10	< 1	0.06	< 10	0.14	345
L4850E 3300N	241	229	< 5	0.2	2.73	6	120	< 0.5	< 2	0.19	< 0.5	7	18	33	2.49	10	< 1	0.03	< 10	0.33	290
L4850E 3325N	241	229	< 5	0.2	0.39	12	110	< 0.5	< 2	0.16	0.5	4	4	19	1.71	< 10	< 1	0.13	40	0.04	1845
L4850E 3350N	241	229	< 5	< 0.2	1.68	< 2	170	< 0.5	< 2	0.10	0.5	4	11	10	1.92	< 10	< 1	0.03	< 10	0.16	715
L4850E 3375N	241	229	< 5	0.2	2.60	10	170	< 0.5	< 2	0.22	< 0.5	8	18	41	2.74	< 10	< 1	0.07	10	0.41	560
L4850E 3400N	241	229	< 5	< 0.2	2.68	14	130	< 0.5	< 2	0.24	< 0.5	8	18	43	2.75	< 10	< 1	0.06	< 10	0.47	345
L4850E 3425N	241	229	< 5	0.4	2.70	< 2	110	< 0.5	< 2	0.19	< 0.5	6	15	26	2.17	10	< 1	0.02	< 10	0.26	385
L4850E 3450N	241	229	< 5	< 0.2	2.34	10	90	< 0.5	< 2	0.17	< 0.5	6	11	22	2.03	< 10	< 1	0.02	< 10	0.24	460
L4850E 3475N	241	229	< 5	0.2	2.71	2	110	< 0.5	< 2	0.18	< 0.5	6	15	28	2.18	10	< 1	0.04	< 10	0.26	475
L4850E 3500N	241	229	< 5	0.4	2.59	6	120	< 0.5	< 2	0.20	< 0.5	7	20	31	2.59	10	< 1	0.03	< 10	0.33	375
L4850E 3525N	241	229	< 5	0.4	2.53	< 2	100	< 0.5	< 2	0.16	0.5	6	16	38	2.17	10	< 1	0.03	10	0.26	460
L4850E 3550N	241	229	< 5	0.2	2.59	< 2	90	< 0.5	< 2	0.22	0.5	8	17	41	2.57	10	< 1	0.04	10	0.35	480
L4850E 3575N	241	229	< 5	0.2	2.62	6	90	< 0.5	< 2	0.16	< 0.5	6	16	31	2.25	10	< 1	0.03	< 10	0.25	580
L4850E 3600N	241	229	< 5	0.4	2.72	< 2	120	< 0.5	< 2	0.19	0.5	7	15	42	2.42	< 10	< 1	0.03	< 10	0.30	570
L4850E 3625N	241	229	< 5	7.6	3.30	18	230	< 0.5	2	0.09	< 0.5	3	9	50	2.92	10	< 1	0.03	20	0.12	255
L4850E 3650N	241	229	< 5	0.6	0.85	< 2	170	< 0.5	< 2	0.39	< 0.5	7	17	25	1.83	< 10	< 1	0.10	20	0.28	525
L4850E 3675N	241	229	55	3.2	3.07	18	160	< 0.5	< 2	0.10	< 0.5	4	10	58	2.50	10	< 1	0.02	20	0.16	390
L4850E 3700N	241	229	75	0.4	1.52	< 2	120	< 0.5	< 2	0.32	< 0.5	6	23	20	2.32	< 10	< 1	0.12	10	0.35	260
L4850E 3725N	241	229	< 5	0.4	1.68	< 2	130	< 0.5	< 2	0.28	< 0.5	6	21	15	2.13	< 10	< 1	0.10	< 10	0.30	255
L4850E 3750N	241	229	< 5	0.4	1.21	< 2	140	< 0.5	< 2	0.45	< 0.5	8	21	46	2.81	10	< 1	0.18	30	0.42	585
L4850E 3775N	241	229	< 5	0.4	1.53	< 2	110	< 0.5	< 2	0.54	< 0.5	8	31	41	2.59	< 10	< 1	0.17	20	0.53	395
L4850E 3800N	241	229	< 5	0.2	1.39	< 2	120	< 0.5	< 2	0.31	< 0.5	7	23	25	2.42	< 10	< 1	0.11	10	0.44	235
L4850E 3825N	241	229	< 5	0.4	2.01	< 2	140	< 0.5	< 2	0.23	< 0.5	8	17	28	2.19	< 10	< 1	0.08	< 10	0.34	330

CERTIFICATION:

Hart Buchler



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CERTIFICATE OF ANALYSIS A9322725

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L4825E 3275N	241	229	< 1	0.02	5	570	48	< 2	1	26	0.04	< 10	< 10	47	< 10	468
L4825E 3300N	241	229	< 1	0.03	6	1070	50	< 2	1	14	0.07	< 10	< 10	47	< 10	336
L4825E 3700N	241	229	73	0.02	4	1220	1225	6	1	18	0.06	< 10	< 10	59	< 10	326
L4825E 3725N	241	229	1	0.03	10	1440	34	< 2	2	15	0.10	< 10	< 10	43	< 10	186
L4825E 3750N	241	229	< 1	0.02	11	1170	24	< 2	2	18	0.08	< 10	< 10	48	< 10	118
L4825E 3775N	241	229	< 1	0.01	13	1060	24	< 2	2	23	0.08	< 10	< 10	62	< 10	208
L4825E 3800N	241	229	< 1	0.01	9	880	24	< 2	2	20	0.07	< 10	< 10	45	< 10	168
L4825E 3825N	241	229	< 1	0.02	9	1190	26	< 2	2	17	0.07	< 10	< 10	47	< 10	214
L4825E 3850N	241	229	< 1	0.01	13	650	24	< 2	4	28	0.13	< 10	< 10	70	< 10	158
L4825E 3875N	241	229	< 1	0.01	12	590	18	< 2	3	27	0.13	< 10	< 10	64	< 10	112
L4825E 3900N	241	229	< 1	0.02	11	1260	12	< 2	2	24	0.09	< 10	< 10	51	< 10	234
L4850E 3125N	241	229	< 1	0.03	7	960	46	< 2	2	19	0.10	< 10	< 10	47	< 10	270
L4850E 3150N	241	229	< 1	0.02	7	870	36	< 2	1	17	0.08	< 10	< 10	38	< 10	532
L4850E 3175N	241	229	< 1	0.03	7	1040	90	< 2	2	19	0.09	< 10	< 10	42	< 10	996
L4850E 3200N	241	229	1	0.02	4	1880	304	< 2	1	14	0.05	< 10	< 10	38	< 10	1165
L4850E 3225N	241	229	< 1	0.02	4	540	46	< 2	2	36	0.02	< 10	< 10	26	< 10	782
L4850E 3250N	241	229	1	0.03	7	350	60	< 2	4	44	0.04	< 10	< 10	44	< 10	918
L4850E 3275N	241	229	< 1	0.02	3	1080	32	< 2	1	15	0.02	< 10	< 10	35	< 10	464
L4850E 3300N	241	229	< 1	0.02	9	1390	22	< 2	2	16	0.12	< 10	< 10	63	< 10	356
L4850E 3325N	241	229	3	< 0.01	1	360	192	< 2	1	14	< 0.01	< 10	< 10	3	< 10	410
L4850E 3350N	241	229	< 1	0.02	5	660	26	< 2	1	9	0.06	< 10	< 10	39	< 10	252
L4850E 3375N	241	229	< 1	0.02	9	1290	48	< 2	4	17	0.11	< 10	< 10	65	< 10	504
L4850E 3400N	241	229	1	0.02	10	1350	18	< 2	3	17	0.12	< 10	< 10	69	< 10	240
L4850E 3425N	241	229	< 1	0.03	7	1460	20	< 2	2	14	0.11	< 10	< 10	50	< 10	224
L4850E 3450N	241	229	< 1	0.02	7	1300	14	< 2	2	13	0.10	< 10	< 10	49	< 10	202
L4850E 3475N	241	229	< 1	0.03	7	1410	28	< 2	3	14	0.11	< 10	< 10	52	< 10	370
L4850E 3500N	241	229	< 1	0.02	8	1160	20	< 2	3	17	0.12	< 10	< 10	67	< 10	246
L4850E 3525N	241	229	< 1	0.03	8	1320	32	< 2	2	13	0.12	< 10	< 10	50	< 10	582
L4850E 3550N	241	229	< 1	0.02	8	1160	22	< 2	3	16	0.14	< 10	< 10	63	< 10	686
L4850E 3575N	241	229	< 1	0.03	8	1310	26	< 2	3	14	0.12	< 10	< 10	54	< 10	342
L4850E 3600N	241	229	< 1	0.02	9	1180	26	< 2	3	15	0.12	< 10	< 10	60	< 10	486
L4850E 3625N	241	229	3	0.02	6	1140	610	< 2	2	13	0.10	< 10	< 10	42	< 10	578
L4850E 3650N	241	229	2	0.01	9	830	88	< 2	2	28	0.07	< 10	< 10	44	< 10	150
L4850E 3675N	241	229	3	0.02	7	1660	226	< 2	3	11	0.12	< 10	< 10	44	< 10	280
L4850E 3700N	241	229	< 1	0.01	11	420	20	< 2	3	26	0.12	< 10	< 10	62	< 10	88
L4850E 3725N	241	229	< 1	0.02	11	620	20	< 2	2	24	0.12	< 10	< 10	54	< 10	94
L4850E 3750N	241	229	1	0.01	11	920	38	< 2	4	31	0.09	< 10	< 10	63	< 10	162
L4850E 3775N	241	229	< 1	0.01	13	930	28	< 2	6	41	0.11	< 10	< 10	65	< 10	162
L4850E 3800N	241	229	< 1	0.01	13	820	14	< 2	2	22	0.09	< 10	< 10	61	< 10	160
L4850E 3825N	241	229	< 1	0.02	12	1280	20	< 2	2	20	0.10	< 10	< 10	51	< 10	240

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
1212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
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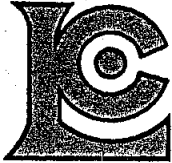
Project : SIWASH
Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS A9322725

SAMPLE	PREP CODE	Au ppb RUSH	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
L4850E 3850N	241 229	< 5	0.4	1.23	< 2	100	< 0.5	< 2	0.24	< 0.5	7	24	16	2.10	10	< 1	0.09	10	0.32	250
L4850E 3875N	241 229	< 5	0.2	1.84	12	140	< 0.5	< 2	0.26	< 0.5	8	21	24	2.26	10	< 1	0.08	< 10	0.34	340
L4850E 3900N	241 229	< 5	0.2	1.15	6	70	< 0.5	< 2	0.44	< 0.5	7	29	34	2.51	10	< 1	0.11	10	0.42	215
L4850E 3925N	241 229	< 5	0.2	2.29	8	110	< 0.5	< 2	0.36	< 0.5	10	29	62	3.05	10	< 1	0.09	10	0.58	335
L4850E 3950N	241 229	< 5	0.4	1.94	6	100	< 0.5	< 2	0.25	< 0.5	7	23	32	2.63	10	< 1	0.05	10	0.27	395
L4850E 3975N	241 229	100	0.4	2.03	8	100	< 0.5	< 2	0.21	< 0.5	6	21	25	2.43	10	< 1	0.04	10	0.21	540
L4850E 4000N	241 229	< 5	0.4	1.31	10	100	< 0.5	< 2	0.33	< 0.5	6	18	23	2.19	10	1	0.06	10	0.21	695
L4850E 4025N	241 229	< 5	0.4	0.87	2	130	< 0.5	4	0.49	< 0.5	7	21	37	2.68	10	< 1	0.14	20	0.31	1035
L4850E 4050N	241 229	< 5	1.8	1.81	< 2	180	< 0.5	< 2	0.64	< 0.5	6	41	54	2.31	20	< 1	0.17	60	0.36	290

CERTIFICATION:

Hart Bichler



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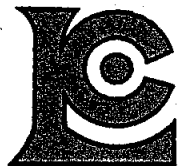
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A9322725

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
L4850E 3850N	241 229	< 1	0.01	9	850	22	< 2	2	18	0.08	< 10	< 10	53	< 10	138
L4850E 3875N	241 229	< 1	0.02	12	1150	16	< 2	2	20	0.10	< 10	< 10	58	< 10	162
L4850E 3900N	241 229	1	0.01	11	590	16	< 2	3	32	0.11	< 10	< 10	76	< 10	68
L4850E 3925N	241 229	1	0.01	14	1230	26	< 2	3	26	0.11	< 10	< 10	88	< 10	160
L4850E 3950N	241 229	< 1	0.02	9	1150	58	< 2	3	17	0.08	< 10	< 10	67	< 10	212
L4850E 3975N	241 229	< 1	0.02	9	1340	62	2	2	15	0.09	< 10	< 10	60	< 10	246
L4850E 4000N	241 229	1	0.02	8	1120	58	2	1	26	0.06	< 10	< 10	55	< 10	260
L4850E 4025N	241 229	1	0.01	9	1060	64	< 2	3	33	0.07	< 10	< 10	61	< 10	256
L4850E 4050N	241 229	< 1	0.01	8	220	106	< 2	6	72	0.08	< 10	< 10	38	< 10	796

CERTIFICATION:

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390 - 885 DUNSMUIR ST.
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INTERNATIONAL TOWER HILL MINES

Project: SIWASH
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 13-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
241	65	RUSH: Dry, sieve to -80 mesh ICP - AQ Digestion charge
229	65	
* 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
990	65	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	65	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	65	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	65	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	65	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	65	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	65	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	65	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	65	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	65	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	65	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	65	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	65	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	65	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	65	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	65	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	65	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	65	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	65	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	65	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	65	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	65	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	65	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	65	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	65	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	65	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	65	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	65	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	65	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	65	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	65	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	65	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	65	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

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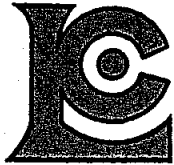
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 Account :KAR

Project : SIWASH
 Comments: CC: PAMICON DEVELOPMENTS LTD.

CERTIFICATE OF ANALYSIS A9322676

SAMPLE	PREP CODE	Au ppb RUSH	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
4200E 4000N	241 229	< 5	0.4	1.37	< 2	90	< 0.5	< 2	0.13	0.5	2	7	8	1.16	10	< 1	0.09	20	0.07	625
4200E 4025N	241 229	< 5	0.6	1.59	< 2	140	< 0.5	2	0.11	0.5	2	10	18	1.47	10	< 1	0.07	40	0.08	295
4200E 4050N	241 229	< 5	0.8	1.23	2	170	< 0.5	< 2	0.19	1.0	2	10	26	1.89	10	< 1	0.12	90	0.08	410
4200E 4075N	241 229	< 5	0.2	1.48	< 2	80	< 0.5	< 2	0.11	< 0.5	2	11	7	1.54	< 10	< 1	0.04	10	0.12	120
4200E 4100N	241 229	< 5	1.0	1.32	< 2	170	< 0.5	< 2	0.24	0.5	3	22	36	2.03	10	< 1	0.08	140	0.15	145
4200E 4125N	241 229	< 5	1.0	1.22	2	120	< 0.5	< 2	0.45	< 0.5	4	18	28	1.94	10	< 1	0.09	40	0.26	335
4200E 4150N	241 229	< 5	0.2	1.11	< 2	100	< 0.5	< 2	0.22	< 0.5	3	15	10	1.78	< 10	< 1	0.08	10	0.18	150
4200E 4175N	241 229	< 5	0.4	1.27	4	130	< 0.5	< 2	0.22	< 0.5	4	17	9	1.78	< 10	< 1	0.07	10	0.19	165
4200E 4200N	241 229	< 5	0.2	1.09	< 2	90	< 0.5	< 2	0.31	< 0.5	4	23	18	2.30	< 10	< 1	0.09	10	0.30	160
4200E 4225N	241 229	< 5	0.4	1.28	< 2	180	< 0.5	< 2	0.23	< 0.5	2	12	7	1.41	10	< 1	0.07	30	0.08	125
4200E 4250N	241 229	< 5	< 0.2	1.02	< 2	110	< 0.5	< 2	0.25	< 0.5	3	15	8	1.68	< 10	< 1	0.07	10	0.16	105
4200E 4275N	241 229	< 5	0.2	1.56	6	110	< 0.5	< 2	0.22	< 0.5	3	12	9	1.68	10	< 1	0.05	10	0.15	195
4200E 4300N	241 229	< 5	0.4	1.66	2	90	< 0.5	< 2	0.17	< 0.5	4	12	10	1.81	10	< 1	0.04	10	0.14	200
4200E 4325N	241 229	< 5	0.4	1.54	4	220	< 0.5	< 2	0.29	< 0.5	3	17	10	1.66	10	< 1	0.09	40	0.15	175
4200E 4350N	241 229	< 5	0.4	1.26	< 2	180	< 0.5	< 2	0.35	< 0.5	3	14	16	1.66	10	< 1	0.09	50	0.14	370
4200E 4375N	241 229	< 5	0.4	1.08	2	130	< 0.5	< 2	0.31	< 0.5	3	20	15	1.92	10	< 1	0.08	40	0.22	120
4200E 4400N	241 229	< 5	0.4	0.99	12	110	< 0.5	< 2	0.38	< 0.5	6	24	19	2.40	10	< 1	0.10	80	0.29	300
4200E 4425N	241 229	< 5	0.6	0.95	8	130	< 0.5	< 2	0.34	< 0.5	4	17	17	1.67	10	< 1	0.09	90	0.16	420
4200E 4450N	241 229	< 5	0.6	1.25	8	110	< 0.5	< 2	0.46	< 0.5	5	24	16	2.25	10	< 1	0.10	50	0.35	200
4200E 4475N	241 229	< 5	0.4	1.41	< 2	100	< 0.5	< 2	0.21	< 0.5	3	16	12	1.79	10	< 1	0.06	10	0.19	145
4200E 4500N	241 229	< 5	0.4	1.63	12	130	< 0.5	< 2	0.38	< 0.5	7	29	28	3.16	10	< 1	0.11	20	0.42	180
4200E 4525N	241 229	< 5	0.2	1.50	2	140	< 0.5	< 2	0.26	< 0.5	5	18	14	2.21	10	< 1	0.07	10	0.28	165
4200E 4550N	241 229	< 5	0.2	1.35	4	90	< 0.5	< 2	0.21	< 0.5	4	15	10	2.01	< 10	< 1	0.04	10	0.18	225
4200E 4575N	241 229	< 5	< 0.2	1.01	< 2	100	< 0.5	< 2	0.33	< 0.5	4	21	14	2.18	10	< 1	0.10	10	0.28	165
4200E 4600N	241 229	< 5	0.4	1.93	2	90	< 0.5	< 2	0.19	< 0.5	6	17	15	2.01	10	< 1	0.04	< 10	0.23	225
4200E 4625N	241 229	< 5	0.4	2.01	4	100	< 0.5	< 2	0.25	< 0.5	8	19	21	2.46	10	< 1	0.05	< 10	0.33	315
4200E 4650N	241 229	< 5	< 0.2	1.50	6	180	< 0.5	< 2	0.22	< 0.5	3	12	10	1.76	10	< 1	0.09	10	0.17	225
4200E 4675N	241 229	30	0.4	0.71	4	100	< 0.5	< 2	0.32	< 0.5	3	18	11	1.86	10	< 1	0.13	30	0.19	155
4200E 4700N	241 229	< 5	0.2	1.61	< 2	100	< 0.5	< 2	0.30	< 0.5	4	18	12	2.01	10	< 1	0.08	10	0.21	170
4200E 4725N	241 229	< 5	0.6	1.64	< 2	190	< 0.5	< 2	0.44	0.5	6	24	26	2.10	10	< 1	0.11	70	0.28	470
4200E 4750N	241 229	165	0.4	2.00	4	140	< 0.5	< 2	0.36	< 0.5	8	24	30	2.74	10	< 1	0.11	10	0.42	310
4200E 4775N	241 229	< 5	0.4	1.78	6	150	< 0.5	< 2	0.53	< 0.5	7	24	30	2.41	10	< 1	0.13	60	0.47	405
4200E 4800N	241 229	< 5	0.6	2.19	2	210	< 0.5	< 2	0.60	0.5	6	28	53	2.45	20	< 1	0.12	190	0.52	295
4200E 4825N	241 229	< 5	< 0.2	1.50	6	100	< 0.5	< 2	0.23	< 0.5	4	15	9	1.73	< 10	< 1	0.07	10	0.21	330
4200E 4850N	241 229	< 5	0.6	1.98	< 2	130	< 0.5	< 2	0.22	< 0.5	4	17	16	2.02	10	< 1	0.06	30	0.18	215
4600E 3250N	241 229	< 5	0.4	1.91	< 2	480	< 0.5	< 2	0.36	0.5	4	12	19	2.29	< 10	< 1	0.19	10	0.20	870
4600E 3275N	241 229	85	11.8	1.37	18	510	< 0.5	4	0.29	1.0	2	11	137	3.82	< 10	< 1	0.24	10	0.15	600
4600E 3300N	241 229	< 5	0.4	1.28	< 2	430	< 0.5	< 2	0.31	< 0.5	4	6	13	2.55	< 10	< 1	0.13	10	0.26	555
4600E 3325N	241 229	< 5	0.4	1.68	< 2	260	< 0.5	< 2	0.19	0.5	6	17	20	2.15	10	< 1	0.07	20	0.28	760
4600E 3350N	241 229	< 5	0.2	1.52	6	180	< 0.5	< 2	0.28	< 0.5	7	24	25	2.44	< 10	< 1	0.07	10	0.40	355

CERTIFICATION: *Hart B. Bickler*



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CERTIFICATE OF ANALYSIS

A9322676

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
4200E 4000N	241 229	< 1	0.01	2	400	450	< 2	1	16	0.01	< 10	< 10	19	< 10	648
4200E 4025N	241 229	< 1	0.01	2	300	226	< 2	1	16	0.02	< 10	< 10	25	< 10	1155
4200E 4050N	241 229	< 1	0.01	3	360	276	< 2	1	29	0.01	< 10	< 10	20	< 10	1545
4200E 4075N	241 229	< 1	0.02	3	400	34	< 2	1	14	0.06	< 10	< 10	34	< 10	478
4200E 4100N	241 229	2	0.01	4	350	158	< 2	2	59	0.04	< 10	< 10	40	< 10	1355
4200E 4125N	241 229	1	0.02	5	510	370	< 2	3	77	0.07	< 10	< 10	42	< 10	1120
4200E 4150N	241 229	1	0.01	5	340	42	< 2	1	33	0.06	< 10	< 10	43	< 10	204
4200E 4175N	241 229	< 1	0.02	6	410	26	< 2	1	36	0.08	< 10	< 10	45	< 10	264
4200E 4200N	241 229	< 1	0.01	7	350	48	< 2	2	52	0.09	< 10	< 10	61	< 10	152
4200E 4225N	241 229	< 1	0.02	3	240	44	< 2	1	43	0.04	< 10	< 10	28	< 10	154
4200E 4250N	241 229	< 1	0.01	4	330	16	< 2	1	63	0.06	< 10	< 10	45	< 10	84
4200E 4275N	241 229	< 1	0.02	6	570	18	< 2	1	30	0.07	< 10	< 10	42	< 10	112
4200E 4300N	241 229	< 1	0.03	6	700	24	< 2	1	26	0.09	< 10	< 10	43	< 10	156
4200E 4325N	241 229	< 1	0.02	6	310	30	< 2	1	56	0.06	< 10	< 10	37	< 10	158
4200E 4350N	241 229	< 1	0.02	6	410	26	< 2	2	75	0.06	< 10	< 10	36	< 10	132
4200E 4375N	241 229	< 1	0.01	7	280	22	< 2	2	80	0.08	< 10	< 10	50	< 10	90
4200E 4400N	241 229	1	0.01	7	400	42	< 2	3	87	0.09	< 10	< 10	59	< 10	182
4200E 4425N	241 229	2	0.01	4	250	44	< 2	2	79	0.05	< 10	< 10	36	< 10	214
4200E 4450N	241 229	1	0.02	10	210	30	< 2	3	85	0.10	< 10	< 10	60	< 10	174
4200E 4475N	241 229	< 1	0.02	6	620	18	< 2	1	32	0.08	< 10	< 10	46	< 10	158
4200E 4500N	241 229	1	0.02	11	430	40	< 2	3	76	0.11	< 10	< 10	78	< 10	204
4200E 4525N	241 229	< 1	0.01	7	440	26	< 2	2	44	0.10	< 10	< 10	62	< 10	246
4200E 4550N	241 229	< 1	0.02	6	670	22	< 2	1	33	0.07	< 10	< 10	55	< 10	202
4200E 4575N	241 229	< 1	0.01	6	460	28	< 2	2	68	0.08	< 10	< 10	60	< 10	176
4200E 4600N	241 229	< 1	0.02	8	820	18	< 2	2	22	0.10	< 10	< 10	51	< 10	380
4200E 4625N	241 229	< 1	0.02	10	670	16	< 2	2	23	0.12	< 10	< 10	65	< 10	300
4200E 4650N	241 229	< 1	0.02	6	500	18	< 2	1	75	0.06	< 10	< 10	44	< 10	90
4200E 4675N	241 229	1	0.01	4	520	56	< 2	2	58	0.06	< 10	< 10	47	< 10	66
4200E 4700N	241 229	< 1	0.02	5	1170	22	< 2	2	36	0.06	< 10	< 10	49	< 10	268
4200E 4725N	241 229	1	0.03	8	290	50	< 2	3	73	0.09	< 10	< 10	49	< 10	722
4200E 4750N	241 229	1	0.02	10	1290	36	< 2	3	39	0.10	< 10	< 10	72	< 10	360
4200E 4775N	241 229	2	0.02	10	400	34	< 2	4	96	0.10	< 10	< 10	58	< 10	440
4200E 4800N	241 229	2	0.02	9	270	66	< 2	6	146	0.09	< 10	< 10	55	< 10	460
4200E 4825N	241 229	1	0.01	5	520	36	< 2	1	43	0.06	< 10	< 10	40	< 10	184
4200E 4850N	241 229	< 1	0.02	6	820	54	< 2	2	51	0.07	< 10	< 10	43	< 10	426
4600E 3250N	241 229	< 1	0.02	4	810	242	< 2	2	22	0.05	< 10	< 10	38	< 10	958
4600E 3275N	241 229	< 1	0.01	3	890	2310	< 2	2	24	0.03	< 10	< 10	35	< 10	1105
4600E 3300N	241 229	< 1	0.01	3	510	20	< 2	1	20	< 0.01	< 10	< 10	28	< 10	230
4600E 3325N	241 229	< 1	0.01	7	660	86	< 2	3	18	0.04	< 10	< 10	42	< 10	968
4600E 3350N	241 229	< 1	0.01	10	600	48	< 2	3	25	0.09	< 10	< 10	65	< 10	288

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

To: INTERNATIONAL TOWER HILL MINES **

390 - 885 DUNSMUIR ST.
 VANCOUVER, BC
 V6C 1N8

Page Number :2-A
 Total Pages :2
 Certificate Date: 13-OCT-93
 Invoice No. :19322676
 P.O. Number :
 Account :KAR

Project : SIWASH
 Comments: CC: PAMICON DEVELOPMENTS LTD.

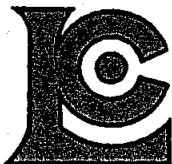
CERTIFICATE OF ANALYSIS

A9322676

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			RUSH																		
4600E 3375N	241	229	< 5	0.4	2.38	6	210	< 0.5	< 2	0.18	< 0.5	5	12	18	2.07	10	< 1	0.04	10	0.19	685
4600E 3400N	241	229	35	0.2	1.11	4	100	< 0.5	< 2	0.33	< 0.5	4	19	21	2.19	10	< 1	0.07	10	0.23	225
4600E 3425N	241	229	< 5	0.4	1.51	2	120	< 0.5	< 2	0.50	1.0	7	31	45	2.29	10	< 1	0.10	20	0.44	460
4600E 3450N	241	229	40	1.8	2.25	< 2	310	< 0.5	< 2	0.40	1.5	7	28	93	2.57	10	< 1	0.09	60	0.37	460
4600E 3475N	241	229	65	0.6	1.65	< 2	210	< 0.5	< 2	0.29	0.5	8	22	40	2.49	10	< 1	0.14	20	0.29	1025
4600E 3500N	241	229	< 5	0.8	1.46	< 2	130	< 0.5	< 2	0.23	0.5	3	17	20	1.90	10	< 1	0.06	10	0.18	325
4600E 3525N	241	229	< 5	1.0	2.26	< 2	190	< 0.5	< 2	0.20	0.5	4	18	21	2.02	10	< 1	0.07	10	0.24	390
4600E 3550N	241	229	< 5	2.4	1.46	12	410	< 0.5	< 2	0.20	< 0.5	3	14	25	2.60	10	< 1	0.17	20	0.13	445
4600E 3575N	241	229	< 5	1.8	1.42	< 2	240	< 0.5	< 2	0.25	1.0	4	14	47	1.91	10	< 1	0.10	20	0.18	875
4600E 3600N	241	229	< 5	0.8	1.66	2	170	< 0.5	< 2	0.30	0.5	5	18	22	2.20	< 10	< 1	0.06	10	0.27	605
4600E 3625N	241	229	< 5	1.4	1.39	6	140	< 0.5	< 2	0.24	0.5	3	11	11	1.60	< 10	< 1	0.06	10	0.13	430
4600E 3650N	241	229	< 5	1.8	1.49	2	230	< 0.5	< 2	0.24	0.5	3	17	26	1.96	10	< 1	0.09	20	0.18	235
4600E 3675N	241	229	< 5	1.4	1.20	< 2	130	< 0.5	< 2	0.17	0.5	2	9	11	1.41	< 10	< 1	0.04	10	0.09	375
4600E 3700N	241	229	< 5	2.2	1.65	4	100	< 0.5	< 2	0.13	0.5	3	11	12	1.58	10	< 1	0.04	20	0.09	265
4600E 3725N	241	229	< 5	1.6	1.49	< 2	170	< 0.5	< 2	0.26	1.0	4	16	29	1.81	10	< 1	0.09	30	0.16	515
4600E 3750N	241	229	65	1.2	1.36	4	110	< 0.5	< 2	0.29	< 0.5	3	16	39	2.06	10	< 1	0.09	20	0.18	330
4600E 3775N	241	229	10	1.6	0.99	8	110	< 0.5	< 2	0.25	< 0.5	2	12	45	2.57	10	< 1	0.19	40	0.15	335
4600E 3800N	241	229	< 5	0.4	1.07	2	100	< 0.5	< 2	0.27	< 0.5	2	15	22	1.79	10	< 1	0.10	20	0.16	235
4600E 3825N	241	229	10	0.4	0.82	< 2	90	< 0.5	< 2	0.31	< 0.5	3	17	31	2.16	10	< 1	0.11	20	0.20	190
4600E 3850N	241	229	< 5	0.4	1.36	< 2	120	< 0.5	< 2	0.24	< 0.5	3	16	12	1.84	10	< 1	0.09	10	0.19	330
4600E 3875N	241	229	< 5	0.6	1.07	4	100	< 0.5	< 2	0.32	< 0.5	3	17	29	2.32	10	< 1	0.12	30	0.20	280
4600E 3900N	241	229	< 5	0.6	0.84	4	100	< 0.5	< 2	0.25	< 0.5	2	12	16	1.89	10	< 1	0.09	20	0.16	230
4600E 3925N	241	229	< 5	0.8	0.84	4	130	< 0.5	< 2	0.16	< 0.5	3	16	50	2.94	10	< 1	0.10	20	0.16	190
4600E 3950N	241	229	< 5	< 0.2	0.82	< 2	60	< 0.5	< 2	0.21	< 0.5	2	16	11	1.67	< 10	< 1	0.13	10	0.19	170
4600E 3975N	241	229	< 5	1.0	1.88	< 2	200	< 0.5	< 2	0.11	< 0.5	2	10	11	1.94	10	< 1	0.10	10	0.10	210

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

To: INTERNATIONAL TOWER HILL MINES **

390 - 885 DUNSMUIR ST.
 VANCOUVER, BC
 V6C 1N8

Page Number :2-B
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Project : SIWASH
 Comments: CC: PAMICON DEVELOPMENTS LTD.

CERTIFICATE OF ANALYSIS

A9322676

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
4600E 3375N	241 229	1	0.03	7	1140	60	< 2	2	16	0.10	< 10	< 10	46	< 10	484
4600E 3400N	241 229	< 1	0.02	7	640	34	< 2	2	25	0.08	< 10	< 10	55	< 10	206
4600E 3425N	241 229	< 1	0.02	13	820	44	< 2	4	34	0.12	< 10	< 10	62	< 10	2300
4600E 3450N	241 229	< 1	0.02	12	710	636	< 2	4	33	0.08	< 10	< 10	53	< 10	1785
4600E 3475N	241 229	1	0.01	9	450	104	< 2	3	37	0.10	< 10	< 10	54	< 10	756
4600E 3500N	241 229	< 1	0.01	6	510	116	< 2	1	28	0.07	< 10	< 10	45	< 10	878
4600E 3525N	241 229	< 1	0.02	8	830	76	< 2	2	20	0.10	< 10	< 10	46	< 10	1110
4600E 3550N	241 229	2	0.02	4	650	2220	< 2	1	34	0.03	< 10	< 10	40	< 10	714
4600E 3575N	241 229	< 1	0.02	5	760	388	< 2	2	19	0.06	< 10	< 10	41	< 10	992
4600E 3600N	241 229	< 1	0.02	8	760	168	< 2	2	24	0.08	< 10	< 10	58	< 10	1140
4600E 3625N	241 229	< 1	0.02	4	740	80	< 2	1	18	0.07	< 10	< 10	37	< 10	934
4600E 3650N	241 229	< 1	0.01	6	450	106	< 2	2	25	0.07	< 10	< 10	44	< 10	1190
4600E 3675N	241 229	< 1	0.02	3	610	90	< 2	1	17	0.06	< 10	< 10	31	< 10	654
4600E 3700N	241 229	< 1	0.03	3	1010	58	< 2	1	14	0.08	< 10	< 10	35	< 10	584
4600E 3725N	241 229	< 1	0.02	6	560	128	< 2	2	28	0.06	< 10	< 10	43	< 10	1085
4600E 3750N	241 229	< 1	0.02	4	580	150	< 2	2	30	0.06	< 10	< 10	48	< 10	606
4600E 3775N	241 229	1	0.01	3	590	680	< 2	2	37	0.05	< 10	< 10	42	< 10	634
4600E 3800N	241 229	< 1	0.01	3	330	78	< 2	1	75	0.04	< 10	< 10	44	< 10	598
4600E 3825N	241 229	< 1	0.01	4	330	114	< 2	2	62	0.06	< 10	< 10	53	< 10	354
4600E 3850N	241 229	< 1	0.02	5	720	68	< 2	2	75	0.07	< 10	< 10	46	< 10	540
4600E 3875N	241 229	< 1	0.02	5	470	104	< 2	2	89	0.07	< 10	< 10	59	< 10	388
4600E 3900N	241 229	< 1	0.01	4	270	78	< 2	1	61	0.05	< 10	< 10	46	< 10	606
4600E 3925N	241 229	1	0.01	2	450	358	< 2	1	140	0.03	< 10	< 10	58	< 10	306
4600E 3950N	241 229	< 1	0.01	6	230	64	< 2	1	55	0.05	< 10	< 10	38	< 10	268
4600E 3975N	241 229	1	0.02	4	970	100	< 2	1	30	0.07	< 10	< 10	32	< 10	396

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

To: INTERNATIONAL TOWER HILL MINES

390 - 885 DUNSMUIR ST.
 VANCOUVER, BC
 V6C 1N8

A9322675

Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE

A9322675

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 13-OCT-93.

SAMPLE PREPARATION

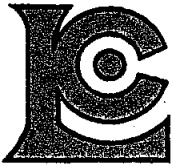
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
241	108	RUSH: Dry, sieve to -80 mesh
229	108	ICP - AQ Digestion charge

* 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
990	108	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	108	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	108	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	108	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	108	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	108	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	108	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	108	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	108	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	108	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	108	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	108	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	108	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	108	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	108	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	108	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	108	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	108	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	108	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	108	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	108	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	108	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	108	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	108	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	108	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	108	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	108	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	108	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	108	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	108	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	108	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	108	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	108	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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390 - 885 DUNSMUIR ST.
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Page Number :1-A
Total Pages :3
Certificate Date: 13-OCT-93
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P.O. Number :
Account :KAR

Project : SIWASH
Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS A9322675

SAMPLE	PREP CODE		Au ppb RUSH	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
	3400E 5000N	241	229	< 5	< 0.2	1.93	< 2	140	< 0.5	< 2	0.25	< 0.5	4	12	13	1.91	10	< 1	0.06	30	0.21
3400E 5025N	241	229	< 5	< 0.2	1.77	2	110	< 0.5	< 2	0.22	< 0.5	4	12	22	2.40	10	< 1	0.07	10	0.24	250
3400E 5050N	241	229	< 5	< 0.2	1.76	< 2	80	< 0.5	< 2	0.15	< 0.5	4	9	10	1.80	10	< 1	0.04	10	0.14	320
3400E 5075N	241	229	< 5	0.2	1.93	< 2	140	< 0.5	< 2	0.20	< 0.5	3	10	13	1.73	10	< 1	0.08	40	0.13	155
3400E 5100N	241	229	< 5	0.2	2.19	2	170	< 0.5	< 2	0.17	< 0.5	3	9	11	1.84	10	< 1	0.07	40	0.12	185
3400E 5125N	241	229	< 5	< 0.2	1.57	< 2	90	< 0.5	< 2	0.16	< 0.5	2	7	7	1.56	10	< 1	0.04	10	0.07	140
3400E 5150N	241	229	< 5	< 0.2	1.69	2	110	< 0.5	< 2	0.18	< 0.5	5	21	15	2.11	10	< 1	0.04	20	0.32	170
3400E 5175N	241	229	< 5	< 0.2	1.04	2	110	< 0.5	< 2	0.31	< 0.5	4	12	10	1.60	10	< 1	0.06	70	0.15	350
3400E 5200N	241	229	< 5	0.4	1.50	< 2	80	< 0.5	< 2	0.14	< 0.5	2	7	7	1.46	10	< 1	0.04	20	0.07	135
3400E 5225N	241	229	< 5	0.2	1.24	< 2	70	< 0.5	< 2	0.09	< 0.5	2	3	4	1.16	10	< 1	0.03	10	0.04	185
3400E 5250N	241	229	< 5	0.8	1.45	2	120	< 0.5	< 2	0.22	< 0.5	2	11	7	1.48	10	< 1	0.07	40	0.10	120
3400E 5275N	241	229	< 5	0.8	1.13	< 2	110	< 0.5	< 2	0.27	< 0.5	2	11	6	1.28	10	< 1	0.07	70	0.08	220
3400E 5300N	241	229	< 5	0.4	1.35	10	110	< 0.5	< 2	0.29	< 0.5	4	19	14	2.15	10	1	0.07	20	0.24	210
3400E 5325N	241	229	< 5	0.2	1.37	< 2	140	< 0.5	< 2	0.13	< 0.5	3	12	13	1.77	10	< 1	0.04	10	0.13	210
3400E 5350N	241	229	< 5	< 0.2	0.74	4	120	< 0.5	< 2	0.20	< 0.5	3	12	22	1.56	10	< 1	0.07	20	0.14	105
3400E 5375N	241	229	< 5	0.4	1.44	2	150	< 0.5	< 2	0.22	< 0.5	3	14	21	2.17	10	< 1	0.08	10	0.20	135
3400E 5400N	241	229	< 5	0.4	1.56	2	70	< 0.5	< 2	0.23	< 0.5	3	12	10	1.66	10	< 1	0.04	10	0.13	90
3400E 5425N	241	229	< 5	0.4	1.39	< 2	100	< 0.5	< 2	0.24	< 0.5	3	14	11	1.57	10	< 1	0.06	10	0.14	145
3400E 5450N	241	229	< 5	0.2	1.48	6	80	< 0.5	< 2	0.29	< 0.5	4	16	18	1.96	10	< 1	0.04	10	0.20	150
3400E 5475N	241	229	< 5	0.6	2.36	12	140	< 0.5	< 2	0.27	< 0.5	7	22	33	2.27	10	1	0.04	20	0.27	345
3400E 5500N	241	229	< 5	0.2	2.25	6	100	< 0.5	< 2	0.19	< 0.5	7	19	25	2.30	10	< 1	0.05	< 10	0.31	300
3800E 5025N	241	229	< 5	0.2	1.93	8	120	< 0.5	< 2	0.16	< 0.5	6	16	19	2.06	10	< 1	0.04	< 10	0.25	220
3800E 5050N	241	229	< 5	< 0.2	1.26	< 2	110	< 0.5	< 2	0.47	< 0.5	5	25	17	2.25	10	< 1	0.08	10	0.31	225
3800E 5075N	241	229	< 5	0.2	1.45	< 2	110	< 0.5	< 2	0.22	< 0.5	4	18	9	1.96	10	< 1	0.07	< 10	0.18	160
3800E 5100N	241	229	< 5	0.2	2.13	10	160	< 0.5	< 2	0.31	< 0.5	9	25	39	2.82	10	< 1	0.12	10	0.61	425
3800E 5125N	241	229	< 5	< 0.2	1.19	< 2	110	< 0.5	< 2	0.36	< 0.5	4	21	17	2.07	10	< 1	0.07	10	0.27	175
3800E 5150N	241	229	< 5	< 0.2	1.44	4	150	< 0.5	< 2	0.20	< 0.5	3	14	9	1.72	10	< 1	0.04	10	0.15	145
3800E 5175N	241	229	< 5	0.4	0.92	< 2	180	< 0.5	< 2	0.17	< 0.5	2	12	12	1.74	< 10	< 1	0.10	10	0.12	75
3800E 5200N	241	229	< 5	0.8	1.57	2	90	< 0.5	< 2	0.08	< 0.5	1	9	5	1.40	10	< 1	0.03	< 10	0.05	70
3800E 5225N	241	229	< 5	2.4	1.22	14	100	< 0.5	< 2	0.07	< 0.5	1	8	13	2.47	10	< 1	0.13	20	0.07	75
3800E 5250N	241	229	< 5	1.0	1.80	< 2	80	< 0.5	< 2	0.10	< 0.5	2	12	10	2.63	10	< 1	0.04	10	0.07	80
3800E 5275N	241	229	< 5	2.0	1.93	< 2	140	< 0.5	< 2	0.08	< 0.5	2	11	7	1.91	10	< 1	0.04	10	0.07	105
3800E 5300N	241	229	< 5	0.4	1.59	2	180	< 0.5	< 2	0.18	< 0.5	3	17	15	2.93	10	< 1	0.08	20	0.19	110
3800E 5325N	241	229	< 5	0.6	1.45	2	180	< 0.5	< 2	0.11	< 0.5	2	19	8	2.24	10	< 1	0.06	30	0.09	60
3800E 5350N	241	229	< 5	0.4	1.79	< 2	110	< 0.5	< 2	0.20	< 0.5	5	18	16	2.29	10	< 1	0.04	< 10	0.24	135
3800E 5375N	241	229	< 5	< 0.2	1.33	< 2	90	< 0.5	< 2	0.37	< 0.5	6	28	22	2.14	10	< 1	0.09	< 10	0.37	170
3800E 5400N	241	229	< 5	< 0.2	1.45	< 2	90	< 0.5	< 2	0.35	< 0.5	7	27	21	2.22	10	< 1	0.08	< 10	0.38	210
3800E 5425N	241	229	< 5	< 0.2	1.69	< 2	90	< 0.5	< 2	0.29	< 0.5	6	24	23	2.24	10	< 1	0.04	< 10	0.36	185
3800E 5450N	241	229	< 5	0.4	1.54	< 2	90	< 0.5	< 2	0.33	< 0.5	6	25	18	2.06	10	< 1	0.07	< 10	0.33	240
3800E 5475N	241	229	< 5	< 0.2	1.40	< 2	100	< 0.5	< 2	0.64	< 0.5	9	40	35	2.51	10	< 1	0.14	10	0.61	325

CERTIFICATION:

Heidi Buchler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES **

390 - 885 DUNSMUIR ST.
 VANCOUVER, BC
 V6C 1N8

Page Number :1-B
 Total Pages :3
 Certificate Date: 13-OCT-93
 Invoice No. : I9322675
 P.O. Number :
 Account : KAR

Project : SIWASH
 Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS

A9322675

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
3400E 5000N	241	229	1	0.03	7	230	36	< 2	1	40	0.09	< 10	< 10	44	< 10	326
3400E 5025N	241	229	2	0.03	6	510	64	< 2	2	42	0.10	< 10	< 10	51	< 10	396
3400E 5050N	241	229	1	0.03	6	550	28	< 2	1	26	0.09	< 10	< 10	41	< 10	276
3400E 5075N	241	229	< 1	0.04	6	360	46	< 2	1	33	0.07	< 10	< 10	36	< 10	384
3400E 5100N	241	229	1	0.04	5	380	44	< 2	1	33	0.08	< 10	< 10	37	< 10	386
3400E 5125N	241	229	1	0.03	3	510	22	< 2	1	77	0.06	< 10	< 10	35	< 10	230
3400E 5150N	241	229	2	0.02	11	400	40	< 2	1	26	0.08	< 10	< 10	45	< 10	464
3400E 5175N	241	229	1	0.02	5	250	30	< 2	1	49	0.06	< 10	< 10	41	< 10	278
3400E 5200N	241	229	1	0.02	4	450	36	< 2	1	29	0.04	< 10	< 10	32	< 10	228
3400E 5225N	241	229	1	0.02	2	280	24	< 2	< 1	21	0.04	< 10	< 10	26	< 10	164
3400E 5250N	241	229	1	0.02	4	220	56	< 2	1	54	0.04	< 10	< 10	32	< 10	334
3400E 5275N	241	229	< 1	0.03	2	140	54	< 2	1	106	0.04	< 10	< 10	29	< 10	258
3400E 5300N	241	229	1	0.02	7	390	44	4	2	58	0.09	< 10	< 10	61	< 10	268
3400E 5325N	241	229	1	0.02	4	710	52	< 2	1	22	0.05	< 10	< 10	38	< 10	200
3400E 5350N	241	229	1	0.01	3	410	80	< 2	1	45	0.03	< 10	< 10	35	< 10	224
3400E 5375N	241	229	1	0.02	5	640	82	< 2	1	32	0.06	< 10	< 10	45	< 10	224
3400E 5400N	241	229	< 1	0.03	4	470	28	< 2	1	45	0.08	< 10	< 10	42	< 10	198
3400E 5425N	241	229	< 1	0.03	4	210	40	< 2	1	36	0.07	< 10	< 10	40	< 10	326
3400E 5450N	241	229	1	0.02	7	830	36	< 2	2	26	0.07	< 10	< 10	54	< 10	232
3400E 5475N	241	229	1	0.03	15	1260	20	4	3	28	0.10	< 10	< 10	54	< 10	294
3400E 5500N	241	229	< 1	0.03	9	910	14	4	2	18	0.12	< 10	< 10	56	< 10	156
3800E 5025N	241	229	< 1	0.02	8	580	20	2	1	16	0.10	< 10	< 10	49	< 10	100
3800E 5050N	241	229	< 1	0.02	7	620	30	2	3	46	0.12	< 10	< 10	77	< 10	68
3800E 5075N	241	229	< 1	0.03	7	490	48	< 2	1	24	0.09	< 10	< 10	47	< 10	110
3800E 5100N	241	229	< 1	0.03	15	800	38	2	3	23	0.15	< 10	< 10	69	< 10	268
3800E 5125N	241	229	< 1	0.02	7	510	34	< 2	2	30	0.10	< 10	< 10	64	< 10	126
3800E 5150N	241	229	< 1	0.02	5	740	46	2	1	25	0.07	< 10	< 10	42	< 10	262
3800E 5175N	241	229	1	0.02	3	250	62	< 2	1	43	0.04	< 10	< 10	41	< 10	120
3800E 5200N	241	229	1	0.03	2	270	96	< 2	< 1	12	0.06	< 10	< 10	29	< 10	116
3800E 5225N	241	229	4	0.02	2	370	1085	< 2	< 1	22	0.03	< 10	< 10	36	< 10	80
3800E 5250N	241	229	2	0.04	4	250	76	< 2	1	14	0.09	< 10	< 10	42	< 10	216
3800E 5275N	241	229	1	0.04	4	320	224	< 2	1	13	0.07	< 10	< 10	34	< 10	166
3800E 5300N	241	229	2	0.03	6	240	84	< 2	1	49	0.08	< 10	< 10	54	< 10	562
3800E 5325N	241	229	1	0.02	6	290	142	< 2	1	25	0.05	< 10	< 10	41	< 10	368
3800E 5350N	241	229	< 1	0.02	9	830	28	< 2	1	24	0.11	< 10	< 10	56	< 10	232
3800E 5375N	241	229	< 1	0.02	12	790	6	< 2	3	28	0.11	< 10	< 10	64	< 10	50
3800E 5400N	241	229	< 1	0.02	11	690	4	< 2	3	26	0.12	< 10	< 10	66	< 10	44
3800E 5425N	241	229	< 1	0.02	12	650	4	< 2	2	22	0.12	< 10	< 10	64	< 10	54
3800E 5450N	241	229	< 1	0.02	11	750	6	< 2	2	24	0.12	< 10	< 10	59	< 10	48
3800E 5475N	241	229	< 1	0.03	16	1000	8	< 2	4	42	0.13	< 10	< 10	76	< 10	50

CERTIFICATION: *Kent B...*



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES **

390 - 885 DUNSMUIR ST.
 VANCOUVER, BC
 V6C 1N8

Page Number :2-A
 Total Pages :3
 Certificate Date: 13-OCT-93
 Invoice No. :19322675
 P.O. Number :
 Account :KAR

Project : SIWASH
 Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS A9322675

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			RUSH	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
3800E 5500N	241	229	< 5	< 0.2	1.55	< 2	130	< 0.5	< 2	0.70	0.5	11	44	47	2.80	10	< 1	0.18	10	0.71	495
4600E 3100N	241	229	< 5	0.2	1.30	< 2	140	< 0.5	< 2	0.29	< 0.5	5	23	13	1.96	< 10	< 1	0.07	10	0.26	200
4600E 3125N	241	229	105	0.2	1.13	< 2	110	< 0.5	< 2	0.26	< 0.5	4	21	16	2.17	< 10	< 1	0.08	10	0.23	215
4600E 3150N	241	229	< 5	0.4	1.49	< 2	100	< 0.5	< 2	0.22	< 0.5	5	20	15	2.17	< 10	< 1	0.04	10	0.22	325
4600E 3175N	241	229	< 5	0.4	1.78	< 2	120	< 0.5	< 2	0.19	< 0.5	6	19	27	2.39	< 10	< 1	0.04	< 10	0.27	445
4600E 3200N	241	229	< 5	< 0.2	1.72	< 2	450	< 0.5	< 2	0.36	< 0.5	4	12	15	2.27	10	< 1	0.06	10	0.24	440
4600E 3225N	241	229	< 5	0.6	2.26	< 2	620	< 0.5	< 2	0.32	1.0	6	13	46	2.76	10	< 1	0.14	20	0.23	890
4675E 3625N	241	229	< 5	0.6	2.24	< 2	240	< 0.5	< 2	0.22	0.5	6	18	22	2.21	10	< 1	0.07	10	0.29	465
4675E 3650N	241	229	< 5	1.0	1.56	< 2	140	< 0.5	< 2	0.24	0.5	4	13	22	2.02	10	< 1	0.06	10	0.18	385
4675E 3675N	241	229	< 5	1.2	1.92	< 2	170	< 0.5	< 2	0.21	0.5	4	16	32	2.14	10	< 1	0.07	30	0.17	520
4675E 3700N	241	229	< 5	4.4	2.40	2	130	< 0.5	< 2	0.24	1.0	6	16	49	2.77	10	< 1	0.11	80	0.20	1745
4675E 3725N	241	229	< 5	1.6	1.67	< 2	250	< 0.5	< 2	0.16	< 0.5	2	10	24	1.90	10	< 1	0.10	30	0.10	195
4675E 3750N	241	229	< 5	1.2	1.59	< 2	180	< 0.5	< 2	0.13	< 0.5	2	11	29	1.95	10	< 1	0.09	20	0.09	195
4675E 3775N	241	229	< 5	0.8	1.70	< 2	130	< 0.5	< 2	0.11	< 0.5	3	8	21	1.81	10	< 1	0.07	20	0.09	220
4675E 3800N	241	229	25	0.4	1.87	< 2	140	< 0.5	< 2	0.28	0.5	8	31	60	2.74	< 10	< 1	0.13	20	0.47	380
4675E 3825N	241	229	25	0.4	1.30	< 2	70	< 0.5	< 2	0.29	0.5	6	20	25	2.09	< 10	< 1	0.04	10	0.26	250
4675E 3850N	241	229	< 5	0.4	1.65	< 2	140	< 0.5	< 2	0.23	0.5	5	18	49	2.00	< 10	< 1	0.07	10	0.23	260
4700E 3450N	241	229	< 5	0.2	1.42	< 2	150	< 0.5	< 2	0.29	0.5	7	22	29	2.79	< 10	1	0.08	10	0.34	350
4700E 3475N	241	229	< 5	0.4	1.87	< 2	120	< 0.5	< 2	0.21	0.5	6	19	25	2.17	< 10	< 1	0.05	10	0.27	405
4700E 3500N	241	229	< 5	0.2	1.71	< 2	100	< 0.5	< 2	0.18	0.5	5	21	17	2.08	< 10	< 1	0.06	10	0.25	235
4700E 3525N	241	229	< 5	0.4	1.48	< 2	290	< 0.5	< 2	0.37	0.5	4	25	42	2.02	< 10	< 1	0.07	10	0.36	215
4700E 3550N	241	229	95	0.6	2.04	< 2	220	< 0.5	< 2	0.24	0.5	5	21	26	2.28	10	< 1	0.07	10	0.24	450
4700E 3575N	241	229	< 5	0.8	2.27	< 2	160	< 0.5	< 2	0.20	0.5	5	19	25	1.88	< 10	< 1	0.05	10	0.21	405
4700E 3600N	241	229	85	3.2	1.20	8	410	< 0.5	< 2	0.36	8.0	12	25	286	3.27	10	< 1	0.21	40	0.26	6980
4700E 3625N	241	229	< 5	0.8	2.02	< 2	220	< 0.5	< 2	0.38	0.5	6	30	199	3.10	10	< 1	0.08	20	0.41	330
4700E 3650N	241	229	< 5	0.4	1.85	2	190	< 0.5	< 2	0.34	0.5	6	24	28	2.87	10	< 1	0.06	10	0.31	385
4700E 3675N	241	229	< 5	0.6	1.63	< 2	110	< 0.5	< 2	0.23	0.5	4	12	18	2.00	10	< 1	0.07	30	0.14	385
4700E 3700N	241	229	< 5	0.6	1.47	< 2	110	< 0.5	< 2	0.27	< 0.5	3	11	10	2.01	10	< 1	0.05	50	0.10	380
4700E 3725N	241	229	< 5	1.8	3.25	< 2	110	< 0.5	< 2	0.11	< 0.5	3	7	14	1.66	10	< 1	0.03	20	0.08	560
4700E 3750N	241	229	< 5	1.0	1.55	2	190	< 0.5	< 2	0.13	< 0.5	2	11	25	1.88	10	< 1	0.10	30	0.09	300
4700E 3775N	241	229	< 5	0.4	0.98	6	120	< 0.5	< 2	0.42	0.5	4	22	81	2.54	10	< 1	0.14	30	0.31	270
4700E 3800N	241	229	< 5	< 0.2	1.83	4	90	< 0.5	< 2	0.25	< 0.5	6	19	20	2.34	< 10	< 1	0.04	< 10	0.28	285
4700E 3825N	241	229	< 5	0.2	1.54	< 2	80	< 0.5	< 2	0.26	0.5	5	20	13	2.08	< 10	< 1	0.04	< 10	0.23	290
4700E 3850N	241	229	< 5	< 0.2	1.15	< 2	90	< 0.5	< 2	0.43	< 0.5	4	24	30	2.16	< 10	< 1	0.04	10	0.30	180
4725E 3450N	241	229	< 5	0.2	2.33	2	180	< 0.5	< 2	0.23	< 0.5	6	17	20	1.97	10	< 1	0.08	10	0.27	605
4725E 3475N	241	229	340	< 0.2	1.22	4	100	< 0.5	< 2	0.39	< 0.5	6	27	25	2.38	< 10	< 1	0.09	10	0.38	285
4725E 3500N	241	229	< 5	0.2	2.12	< 2	120	< 0.5	< 2	0.21	< 0.5	6	19	22	1.95	10	< 1	0.07	10	0.27	765
4725E 3525N	241	229	< 5	0.6	1.94	< 2	150	< 0.5	< 2	0.33	0.5	7	29	51	2.58	10	< 1	0.14	50	0.50	940
4725E 3550N	241	229	85	1.4	1.87	8	140	< 0.5	< 2	0.50	0.5	9	36	85	3.08	20	< 1	0.18	130	0.67	1110
4725E 3575N	241	229	< 5	0.6	1.97	2	140	< 0.5	< 2	0.40	0.5	6	18	27	2.01	10	< 1	0.11	10	0.30	855

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9322675

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
3800E 5500N	241 229	< 1	0.03	19	1000	8	< 2	6	43	0.13	< 10	< 10	82	< 10	58
4600E 3100N	241 229	< 1	0.02	9	550	18	< 2	2	24	0.10	< 10	< 10	53	< 10	192
4600E 3125N	241 229	< 1	0.01	7	660	38	< 2	2	21	0.08	< 10	< 10	56	< 10	140
4600E 3150N	241 229	< 1	0.02	6	890	44	< 2	2	18	0.08	< 10	< 10	53	< 10	274
4600E 3175N	241 229	< 1	0.02	8	870	40	< 2	2	17	0.10	< 10	< 10	55	< 10	316
4600E 3200N	241 229	< 1	0.02	7	660	110	< 2	1	25	0.06	< 10	< 10	48	< 10	416
4600E 3225N	241 229	< 1	0.02	7	1040	236	< 2	3	29	0.06	< 10	< 10	42	< 10	1900
4675E 3625N	241 229	< 1	0.02	10	820	64	< 2	2	19	0.11	< 10	< 10	51	< 10	960
4675E 3650N	241 229	< 1	0.02	6	710	120	< 2	2	24	0.09	< 10	< 10	51	< 10	700
4675E 3675N	241 229	< 1	0.02	7	710	146	< 2	2	25	0.08	< 10	< 10	48	< 10	572
4675E 3700N	241 229	2	0.02	8	720	868	< 2	3	29	0.08	< 10	< 10	48	< 10	998
4675E 3725N	241 229	3	0.03	4	660	324	< 2	1	25	0.06	< 10	< 10	35	< 10	394
4675E 3750N	241 229	< 1	0.03	3	660	256	< 2	1	24	0.05	< 10	< 10	37	< 10	398
4675E 3775N	241 229	< 1	0.03	3	630	128	< 2	1	18	0.07	< 10	< 10	37	< 10	394
4675E 3800N	241 229	< 1	0.02	14	940	106	< 2	3	28	0.10	< 10	< 10	65	< 10	272
4675E 3825N	241 229	< 1	0.02	7	740	28	< 2	2	26	0.09	< 10	< 10	60	< 10	398
4675E 3850N	241 229	< 1	0.02	8	670	66	< 2	2	30	0.07	< 10	< 10	52	< 10	718
4700E 3450N	241 229	1	0.01	10	630	58	2	2	30	0.09	< 10	< 10	74	< 10	254
4700E 3475N	241 229	< 1	0.02	8	930	62	< 2	2	17	0.10	< 10	< 10	54	< 10	358
4700E 3500N	241 229	< 1	0.02	8	1090	32	< 2	2	15	0.09	< 10	< 10	51	< 10	482
4700E 3525N	241 229	< 1	0.01	8	370	74	< 2	3	34	0.10	< 10	< 10	55	< 10	678
4700E 3550N	241 229	< 1	0.02	8	1030	198	< 2	2	19	0.09	< 10	< 10	59	< 10	476
4700E 3575N	241 229	< 1	0.04	9	1280	64	< 2	2	17	0.09	< 10	< 10	42	< 10	1035
4700E 3600N	241 229	2	0.01	8	970	2420	< 2	4	36	0.05	< 10	< 10	49	< 10	2420
4700E 3625N	241 229	< 1	0.01	10	640	186	< 2	4	35	0.12	< 10	< 10	83	< 10	1115
4700E 3650N	241 229	< 1	0.02	8	630	130	< 2	3	29	0.11	< 10	< 10	83	< 10	822
4700E 3675N	241 229	< 1	0.04	4	570	108	< 2	1	22	0.09	< 10	< 10	47	< 10	502
4700E 3700N	241 229	< 1	0.06	3	930	290	< 2	1	21	0.09	< 10	< 10	45	< 10	400
4700E 3725N	241 229	< 1	0.03	4	1370	286	< 2	2	12	0.13	< 10	< 10	26	< 10	400
4700E 3750N	241 229	1	0.02	3	820	286	< 2	1	22	0.04	< 10	< 10	35	< 10	218
4700E 3775N	241 229	1	0.01	6	830	158	< 2	3	62	0.09	< 10	< 10	65	< 10	376
4700E 3800N	241 229	< 1	0.02	9	980	16	< 2	2	22	0.11	< 10	< 10	64	< 10	272
4700E 3825N	241 229	< 1	0.02	7	980	12	< 2	2	23	0.10	< 10	< 10	58	< 10	290
4700E 3850N	241 229	< 1	0.01	8	560	16	< 2	3	40	0.11	< 10	< 10	68	< 10	244
4725E 3450N	241 229	1	0.03	10	860	90	< 2	2	21	0.10	< 10	< 10	44	< 10	528
4725E 3475N	241 229	< 1	0.01	10	630	50	< 2	3	28	0.10	< 10	< 10	68	< 10	234
4725E 3500N	241 229	< 1	0.02	9	1050	118	< 2	2	18	0.10	< 10	< 10	45	< 10	456
4725E 3525N	241 229	1	0.02	13	960	286	< 2	3	28	0.10	< 10	< 10	58	< 10	694
4725E 3550N	241 229	1	0.02	14	930	394	< 2	5	40	0.13	< 10	< 10	71	< 10	834
4725E 3575N	241 229	1	0.03	8	1480	86	< 2	2	27	0.10	< 10	< 10	47	< 10	412

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

To: INTERNATIONAL TOWER HILL MINES

390 - 885 DUNSMUIR ST.
VANCOUVER, BC
V6C 1N8

Project: SIWASH
Comments: CC: PAMICON DEVELOPMENTS

Page Number :3-A
Total Pages :3
Certificate Date: 13-OCT-93
Invoice No. :19322675
P.O. Number :
Account :KAR

CERTIFICATE OF ANALYSIS

A9322675

SAMPLE	PREP		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		RUSH	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
4725E 3600N	241	229	< 5	0.4	2.09	2	130	< 0.5	< 2	0.21	< 0.5	5	15	18	2.00	10	< 1	0.06	10	0.25	305
4725E 3625N	241	229	< 5	22.0	1.40	20	260	< 0.5	42	0.25	1.0	4	24	251	4.68	< 10	< 1	0.27	30	0.34	380
4725E 3650N	241	229	< 5	5.0	2.11	2	290	< 0.5	2	0.16	< 0.5	3	10	38	2.02	10	< 1	0.06	< 10	0.10	610
4725E 3675N	241	229	< 5	1.2	2.70	< 2	220	< 0.5	< 2	0.14	0.5	5	15	37	2.18	10	< 1	0.06	30	0.15	1825
4725E 3700N	241	229	< 5	1.0	2.91	4	330	< 0.5	< 2	0.19	0.5	4	10	30	1.97	10	< 1	0.04	10	0.13	1120
4725E 3725N	241	229	< 5	0.4	2.04	< 2	190	< 0.5	< 2	0.15	< 0.5	6	14	53	2.07	10	< 1	0.07	20	0.21	475
4725E 3750N	241	229	< 5	0.4	2.10	4	190	< 0.5	< 2	0.31	< 0.5	10	30	120	3.03	10	< 1	0.14	20	0.62	405
4725E 3775N	241	229	< 5	0.2	1.69	< 2	100	< 0.5	< 2	0.32	< 0.5	8	25	33	2.59	10	< 1	0.06	< 10	0.38	285
4725E 3800N	241	229	< 5	0.4	1.90	< 2	120	< 0.5	< 2	0.17	< 0.5	5	16	50	2.10	10	< 1	0.07	10	0.21	410
4725E 3825N	241	229	< 5	0.2	1.60	2	100	< 0.5	< 2	0.28	< 0.5	5	20	23	2.01	10	< 1	0.04	10	0.26	270
4725E 3850N	241	229	< 5	0.6	3.20	4	200	< 0.5	< 2	0.35	0.5	6	23	48	2.53	10	< 1	0.08	20	0.27	410
4750E 3450N	241	229	< 5	0.4	1.92	< 2	120	< 0.5	< 2	0.24	< 0.5	6	18	21	2.12	10	< 1	0.06	< 10	0.25	355
4750E 3475N	241	229	< 5	0.4	1.94	< 2	100	< 0.5	< 2	0.20	< 0.5	5	17	19	1.89	10	< 1	0.06	10	0.22	705
4750E 3500N	241	229	< 5	0.4	1.73	2	140	< 0.5	< 2	0.29	< 0.5	6	21	25	2.15	10	< 1	0.08	10	0.30	425
4750E 3525N	241	229	< 5	0.4	2.20	< 2	150	< 0.5	< 2	0.23	0.5	7	22	24	2.09	10	< 1	0.09	10	0.35	360
4750E 3550N	241	229	< 5	0.4	1.95	< 2	130	< 0.5	< 2	0.19	1.0	5	13	13	1.67	10	< 1	0.06	10	0.21	495
4750E 3575N	241	229	< 5	0.6	2.36	4	200	< 0.5	< 2	0.32	< 0.5	8	24	31	2.54	10	< 1	0.07	10	0.42	425
4750E 3600N	241	229	< 5	2.6	3.36	4	180	< 0.5	< 2	0.13	0.5	3	10	26	2.14	10	< 1	0.07	10	0.11	285
4750E 3625N	241	229	< 5	1.8	2.15	4	240	< 0.5	< 2	0.36	0.5	6	22	59	2.41	10	< 1	0.11	30	0.33	595
4750E 3650N	241	229	1770	2.0	1.62	8	260	< 0.5	< 2	0.48	0.5	7	30	89	2.98	10	< 1	0.17	30	0.49	495
4750E 3675N	241	229	< 5	2.6	1.50	6	210	< 0.5	4	0.43	0.5	9	32	94	2.81	10	< 1	0.18	30	0.52	560
4750E 3700N	241	229	< 5	0.2	2.38	< 2	110	< 0.5	< 2	0.22	< 0.5	7	19	37	2.22	10	< 1	0.06	< 10	0.31	410
4750E 3725N	241	229	< 5	0.2	2.41	< 2	130	< 0.5	< 2	0.31	< 0.5	9	24	56	2.83	10	< 1	0.09	10	0.56	310
4750E 3750N	241	229	< 5	0.8	1.98	2	150	< 0.5	< 2	0.24	0.5	7	21	46	2.28	10	< 1	0.07	10	0.34	305
4750E 3775N	241	229	< 5	0.6	2.21	8	210	< 0.5	< 2	0.33	0.5	8	23	76	2.77	10	< 1	0.11	20	0.37	540
4750E 3800N	241	229	< 5	0.2	1.65	2	130	< 0.5	< 2	0.34	< 0.5	5	26	23	2.60	10	< 1	0.09	30	0.35	270
4750E 3825N	241	229	< 5	0.4	2.19	4	80	< 0.5	< 2	0.16	< 0.5	4	12	21	1.82	10	< 1	0.03	10	0.17	450
4750E 3850N	241	229	< 5	0.4	2.62	4	120	< 0.5	< 2	0.31	< 0.5	7	18	29	2.39	10	< 1	0.07	10	0.30	675

CERTIFICATION:

Haut Buchler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES **

390 - 885 DUNSMUIR ST.
VANCOUVER, BC
V6C 1N8

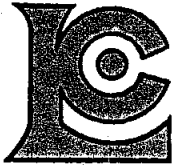
Page Number :3-B
Total Pages :3
Certificate Date: 13-OCT-93
Invoice No. :19322675
P.O. Number :
Account :KAR

Project : SIWASH
Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS A9322675

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
4725E 3600N	241 229	< 1	0.02	10	900	110	< 2	1	19	0.10	< 10	< 10	46	< 10	470
4725E 3625N	241 229	6	0.02	9	800	2650	< 2	3	40	0.09	< 10	< 10	69	< 10	1075
4725E 3650N	241 229	1	0.02	4	950	772	< 2	1	15	0.08	< 10	< 10	36	< 10	382
4725E 3675N	241 229	1	0.02	5	1030	716	< 2	3	14	0.10	< 10	< 10	38	< 10	844
4725E 3700N	241 229	1	0.02	6	1140	534	< 2	2	20	0.10	< 10	< 10	34	< 10	562
4725E 3725N	241 229	< 1	0.02	7	980	160	< 2	2	25	0.06	< 10	< 10	43	< 10	260
4725E 3750N	241 229	< 1	0.02	16	860	118	< 2	3	34	0.11	< 10	< 10	77	< 10	566
4725E 3775N	241 229	< 1	0.02	10	840	24	< 2	3	26	0.11	< 10	< 10	75	< 10	202
4725E 3800N	241 229	< 1	0.02	7	1030	86	< 2	2	23	0.08	< 10	< 10	50	< 10	342
4725E 3825N	241 229	< 1	0.02	8	850	22	< 2	3	28	0.09	< 10	< 10	57	< 10	314
4725E 3850N	241 229	< 1	0.03	11	990	52	< 2	4	80	0.12	< 10	< 10	56	< 10	1490
4750E 3450N	241 229	< 1	0.02	9	1190	66	< 2	2	20	0.10	< 10	< 10	54	< 10	422
4750E 3475N	241 229	< 1	0.03	8	1100	70	< 2	2	16	0.10	< 10	< 10	45	< 10	278
4750E 3500N	241 229	< 1	0.02	9	980	82	< 2	3	23	0.10	< 10	< 10	56	< 10	270
4750E 3525N	241 229	< 1	0.03	12	1010	58	< 2	2	19	0.11	< 10	< 10	50	< 10	366
4750E 3550N	241 229	< 1	0.03	9	1220	68	< 2	2	18	0.09	< 10	< 10	37	< 10	740
4750E 3575N	241 229	< 1	0.02	12	860	102	< 2	3	26	0.13	< 10	< 10	66	< 10	422
4750E 3600N	241 229	1	0.03	6	1700	312	< 2	2	13	0.12	< 10	< 10	33	< 10	670
4750E 3625N	241 229	< 1	0.03	10	920	250	< 2	3	28	0.11	< 10	< 10	53	< 10	698
4750E 3650N	241 229	1	0.02	13	860	578	< 2	3	40	0.12	< 10	< 10	71	< 10	612
4750E 3675N	241 229	1	0.02	13	910	600	< 2	4	37	0.11	< 10	< 10	67	< 10	578
4750E 3700N	241 229	< 1	0.02	10	1240	36	< 2	3	20	0.12	< 10	< 10	58	< 10	198
4750E 3725N	241 229	< 1	0.03	12	1120	30	< 2	3	23	0.15	< 10	< 10	80	< 10	170
4750E 3750N	241 229	< 1	0.03	11	1180	56	< 2	3	26	0.10	< 10	< 10	56	< 10	854
4750E 3775N	241 229	1	0.02	11	950	102	< 2	4	39	0.10	< 10	< 10	74	< 10	544
4750E 3800N	241 229	< 1	0.01	8	520	28	< 2	3	41	0.08	< 10	< 10	74	< 10	474
4750E 3825N	241 229	< 1	0.03	7	1270	14	< 2	2	17	0.10	< 10	< 10	45	< 10	370
4750E 3850N	241 229	< 1	0.02	10	1370	38	< 2	3	52	0.11	< 10	< 10	60	< 10	1010

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

A9322530

Comments: CC: A. MONTGOMERY

CERTIFICATE

A9322530

INTERNATIONAL TOWER HILL MINES

Project: SIWASH
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 14-OCT-93.

SAMPLE PREPARATION

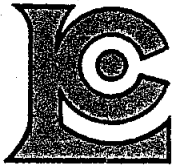
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
241	63	RUSH: Dry, sieve to -80 mesh
229	63	ICP - AQ Digestion charge

* 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
990	63	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	63	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	63	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	63	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	63	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	63	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	63	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	63	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	63	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	63	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	63	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	63	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	63	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	63	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	63	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	63	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	63	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	63	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	63	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	63	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	63	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	63	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	63	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	63	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	63	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	63	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	63	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	63	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	63	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	63	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	63	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	63	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	63	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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Project: SIWASH
 Comments: CC: A. MONTGOMERY

Page Number : 1-A
 Total Pages : 2
 Certificate Date: 14-OCT-93
 Invoice No. : 19322530
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CERTIFICATE OF ANALYSIS

A9322530

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			RUSH	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
4200E 4875N	241	229	< 5	< 0.2	1.18	2	90	< 0.5	< 2	0.20	< 0.5	4	13	13	2.06	< 10	< 1	0.07	10	0.20	205
4200E 4900N	241	229	< 5	< 0.2	2.11	< 2	90	< 0.5	< 2	0.25	< 0.5	8	20	44	2.54	< 10	< 1	0.05	10	0.38	210
4200E 4925N	241	229	15	< 0.2	1.14	< 2	90	< 0.5	< 2	0.34	< 0.5	5	17	16	1.93	< 10	< 1	0.10	20	0.30	195
4200E 4950N	241	229	< 5	< 0.2	1.43	4	160	< 0.5	2	0.33	< 0.5	6	21	17	1.97	< 10	< 1	0.09	10	0.34	215
4200E 4975N	241	229	< 5	< 0.2	1.41	2	140	< 0.5	< 2	0.28	< 0.5	7	22	24	2.32	< 10	< 1	0.08	10	0.36	240
4200E 5000N	241	229	< 5	< 0.2	1.70	8	120	< 0.5	< 2	0.26	< 0.5	8	21	24	2.25	< 10	< 1	0.06	10	0.31	265
4200E 5025N	241	229	< 5	< 0.2	1.62	4	140	< 0.5	< 2	0.22	< 0.5	6	16	13	1.88	< 10	< 1	0.07	10	0.23	190
4200E 5050N	241	229	< 5	< 0.2	1.52	< 2	130	< 0.5	< 2	0.25	< 0.5	8	18	17	2.09	< 10	< 1	0.08	10	0.27	295
4200E 5075N	241	229	335	< 0.2	2.33	2	130	< 0.5	< 2	0.24	< 0.5	10	21	33	2.24	< 10	< 1	0.05	20	0.23	490
4200E 5100N	241	229	< 5	0.2	2.43	4	150	< 0.5	< 2	0.31	< 0.5	8	17	39	2.39	< 10	< 1	0.06	10	0.41	330
4200E 5125N	241	229	< 5	< 0.2	1.96	< 2	190	< 0.5	2	0.44	< 0.5	10	22	41	2.94	< 10	< 1	0.15	20	0.76	455
4200E 5150N	241	229	< 5	< 0.2	1.84	< 2	150	< 0.5	2	0.42	< 0.5	10	26	33	2.85	< 10	< 1	0.09	20	0.54	375
4200E 5175N	241	229	< 5	0.4	1.97	< 2	120	< 0.5	< 2	0.10	< 0.5	6	13	17	2.21	< 10	< 1	0.04	10	0.19	95
4200E 5200N	241	229	< 5	1.2	0.81	< 2	210	< 0.5	6	0.01	< 0.5	< 1	5	7	5.65	< 10	< 1	0.64	40	0.03	35
4200E 5225N	241	229	< 5	< 0.2	1.44	< 2	150	< 0.5	2	0.71	< 0.5	10	27	40	2.40	< 10	< 1	0.06	20	0.55	675
4200E 5250N	241	229	< 5	< 0.2	0.92	< 2	180	1.0	2	0.38	< 0.5	6	19	18	1.72	< 10	< 1	0.30	80	0.29	945
4200E 5275N	241	229	< 5	< 0.2	0.68	< 2	80	< 0.5	2	0.32	< 0.5	4	20	13	1.61	< 10	< 1	0.10	10	0.27	195
4200E 5300N	241	229	< 5	< 0.2	1.24	< 2	110	< 0.5	2	0.29	< 0.5	6	20	15	1.83	< 10	< 1	0.07	10	0.25	150
4200E 5325N	241	229	< 5	< 0.2	0.85	< 2	70	< 0.5	< 2	0.40	< 0.5	5	23	17	1.84	< 10	< 1	0.07	10	0.30	170
4200E 5350N	241	229	< 5	< 0.2	1.37	< 2	130	< 0.5	< 2	0.72	< 0.5	10	27	36	2.50	< 10	< 1	0.08	20	0.54	580
4200E 5375N	241	229	5	< 0.2	1.49	12	130	< 0.5	2	0.77	< 0.5	11	30	38	2.99	< 10	< 1	0.10	20	0.59	690
4200E 5400N	241	229	< 5	< 0.2	1.59	< 2	160	< 0.5	< 2	0.83	< 0.5	10	30	42	2.69	< 10	< 1	0.10	20	0.57	780
4200E 5425N	241	229	< 5	0.2	1.68	4	180	< 0.5	< 2	0.89	< 0.5	12	31	54	2.77	< 10	< 1	0.10	30	0.60	1240
4200E 5450N	241	229	< 5	< 0.2	1.21	2	120	< 0.5	2	0.35	< 0.5	7	25	21	2.03	< 10	< 1	0.15	10	0.41	360
4200E 5475N	241	229	35	< 0.2	0.87	< 2	80	< 0.5	2	0.30	< 0.5	5	23	13	1.64	< 10	< 1	0.16	10	0.32	215
4200E 5500N	241	229	10	< 0.2	0.75	2	70	< 0.5	< 2	0.32	< 0.5	6	26	12	1.67	< 10	< 1	0.14	10	0.31	260
4600E 4600N	241	229	< 5	< 0.2	1.63	< 2	120	< 0.5	< 2	0.22	< 0.5	7	18	16	1.70	< 10	< 1	0.08	< 10	0.30	695
4600E 4625N	241	229	< 5	< 0.2	3.53	10	210	< 0.5	< 2	0.79	< 0.5	23	156	146	3.21	< 10	< 1	0.30	10	2.77	310
4600E 4650N	241	229	< 5	0.2	2.49	4	170	< 0.5	< 2	0.39	< 0.5	12	41	53	2.81	< 10	< 1	0.15	10	0.81	565
4600E 4675N	241	229	190	0.2	2.35	2	140	< 0.5	2	0.28	< 0.5	9	36	32	2.50	< 10	< 1	0.08	10	0.57	430
4600E 4700N	241	229	< 5	0.2	1.84	< 2	140	< 0.5	2	0.70	< 0.5	14	38	93	3.64	< 10	< 1	0.31	30	1.19	430
4600E 4725N	241	229	5	0.2	1.03	< 2	120	< 0.5	< 2	0.38	< 0.5	7	28	18	2.19	< 10	< 1	0.11	10	0.38	210
4600E 4750N	241	229	< 5	0.2	1.80	8	130	< 0.5	2	0.24	< 0.5	7	22	18	1.96	< 10	< 1	0.09	10	0.29	290
4600E 4775N	241	229	< 5	0.2	1.31	< 2	140	< 0.5	< 2	0.54	< 0.5	10	31	39	2.49	< 10	< 1	0.20	20	0.53	510
4600E 4800N	241	229	70	0.2	1.01	< 2	90	< 0.5	< 2	0.29	< 0.5	6	23	13	1.96	< 10	< 1	0.13	10	0.28	190
4600E 4825N	241	229	< 5	< 0.2	0.82	< 2	90	< 0.5	< 2	0.40	< 0.5	7	19	15	1.90	< 10	< 1	0.16	20	0.32	350
4600E 4850N	241	229	< 5	0.2	2.41	< 2	220	< 0.5	< 2	0.28	< 0.5	8	22	26	2.11	< 10	< 1	0.18	10	0.44	350
4600E 4875N	241	229	< 5	< 0.2	1.59	< 2	130	< 0.5	2	0.37	< 0.5	9	30	60	2.25	< 10	< 1	0.18	10	0.68	320
4600E 4900N	241	229	< 5	< 0.2	0.68	< 2	80	< 0.5	< 2	0.24	< 0.5	4	18	13	1.49	< 10	< 1	0.07	10	0.29	125
4600E 4925N	241	229	< 5	< 0.2	1.01	2	100	< 0.5	< 2	0.23	< 0.5	5	16	16	1.44	< 10	< 1	0.07	10	0.31	220

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

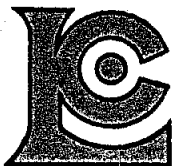
Page Number : 1-B
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 Invoice No. : I9322530
 P.O. Number :
 Account : KAR

Project : SIWASH
 Comments : CC: A. MONTGOMERY

CERTIFICATE OF ANALYSIS A9322530

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
4200E 4875N	241 229	3	0.02	6	880	76	< 2	1	55	0.04	< 10	< 10	40	< 10	200
4200E 4900N	241 229	2	0.02	13	1240	16	< 2	2	26	0.11	< 10	< 10	67	< 10	140
4200E 4925N	241 229	1	0.01	10	780	52	< 2	2	37	0.07	< 10	< 10	50	< 10	88
4200E 4950N	241 229	1	0.02	12	550	24	< 2	2	38	0.09	< 10	< 10	54	< 10	100
4200E 4975N	241 229	1	0.02	13	590	22	< 2	2	31	0.09	< 10	< 10	65	< 10	120
4200E 5000N	241 229	1	0.02	9	960	14	< 2	2	24	0.09	< 10	< 10	63	< 10	110
4200E 5025N	241 229	1	0.02	9	660	26	< 2	2	36	0.09	< 10	< 10	48	< 10	248
4200E 5050N	241 229	1	0.02	10	590	36	< 2	2	45	0.08	< 10	< 10	54	< 10	268
4200E 5075N	241 229	1	0.02	11	1740	34	< 2	3	33	0.08	< 10	< 10	53	< 10	340
4200E 5100N	241 229	1	0.02	10	1300	24	< 2	2	41	0.10	< 10	< 10	59	< 10	254
4200E 5125N	241 229	1	0.01	11	350	38	< 2	3	69	0.15	< 10	< 10	73	< 10	614
4200E 5150N	241 229	1	0.02	12	450	26	< 2	4	61	0.12	< 10	< 10	92	< 10	238
4200E 5175N	241 229	1	0.02	8	980	36	< 2	2	24	0.08	< 10	< 10	48	< 10	190
4200E 5200N	241 229	8	0.03	< 1	1340	866	< 2	1	178	< 0.01	< 10	< 10	18	< 10	62
4200E 5225N	241 229	1	0.02	11	860	22	< 2	4	44	0.07	< 10	< 10	67	< 10	138
4200E 5250N	241 229	1	0.01	8	540	68	< 2	3	42	0.04	< 10	< 10	37	< 10	144
4200E 5275N	241 229	< 1	0.01	9	480	16	< 2	2	21	0.07	< 10	< 10	47	< 10	36
4200E 5300N	241 229	< 1	0.02	10	980	12	< 2	2	21	0.06	< 10	< 10	50	< 10	54
4200E 5325N	241 229	< 1	0.01	9	800	8	< 2	2	26	0.06	< 10	< 10	56	< 10	44
4200E 5350N	241 229	1	0.02	12	950	26	< 2	4	41	0.08	< 10	< 10	74	< 10	128
4200E 5375N	241 229	1	0.02	14	940	28	< 2	5	45	0.10	< 10	< 10	89	< 10	192
4200E 5400N	241 229	< 1	0.02	13	1010	18	< 2	5	48	0.09	< 10	< 10	80	< 10	208
4200E 5425N	241 229	1	0.02	16	1030	38	< 2	5	50	0.08	< 10	< 10	78	< 10	216
4200E 5450N	241 229	< 1	0.02	14	600	12	< 2	3	25	0.10	< 10	< 10	54	< 10	90
4200E 5475N	241 229	< 1	0.01	10	470	10	< 2	2	20	0.08	< 10	< 10	44	< 10	54
4200E 5500N	241 229	1	0.01	11	470	14	< 2	2	21	0.08	< 10	< 10	50	< 10	32
4600E 4600N	241 229	< 1	0.02	13	1150	10	< 2	1	16	0.08	< 10	< 10	40	< 10	94
4600E 4625N	241 229	< 1	0.04	119	550	2	< 2	3	55	0.28	< 10	< 10	88	< 10	54
4600E 4650N	241 229	1	0.02	27	1250	8	< 2	3	23	0.13	< 10	< 10	73	< 10	100
4600E 4675N	241 229	1	0.02	23	1110	8	< 2	2	18	0.12	< 10	< 10	64	< 10	84
4600E 4700N	241 229	< 1	0.02	22	1170	8	< 2	6	45	0.14	< 10	< 10	104	< 10	80
4600E 4725N	241 229	< 1	0.01	13	560	8	< 2	3	25	0.09	< 10	< 10	60	< 10	68
4600E 4750N	241 229	< 1	0.02	13	1150	8	< 2	3	20	0.09	< 10	< 10	48	< 10	96
4600E 4775N	241 229	1	0.02	14	950	20	< 2	4	33	0.09	< 10	< 10	64	< 10	90
4600E 4800N	241 229	< 1	0.01	10	680	8	< 2	2	19	0.08	< 10	< 10	53	< 10	64
4600E 4825N	241 229	< 1	0.01	8	890	10	< 2	3	23	0.07	< 10	< 10	52	< 10	62
4600E 4850N	241 229	< 1	0.03	15	1450	10	< 2	4	22	0.11	< 10	< 10	48	< 10	134
4600E 4875N	241 229	< 1	0.01	16	640	12	< 2	3	26	0.11	< 10	< 10	58	< 10	68
4600E 4900N	241 229	< 1	0.01	8	540	14	< 2	1	23	0.04	< 10	< 10	41	< 10	66
4600E 4925N	241 229	< 1	0.01	9	690	12	< 2	1	18	0.04	< 10	< 10	37	< 10	60

CERTIFICATION: *Hart Buehler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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 PHONE: 604-984-0221

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

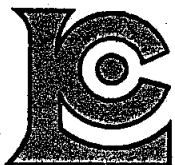
Project: SIWASH
 Comments: CC: A. MONTGOMERY

Page Number :2-A
 Total Pages :2
 Certificate Date: 14-OCT-93
 Invoice No. :19322530
 P.O. Number :
 Account :KAR

CERTIFICATE OF ANALYSIS A9322530

SAMPLE	PREP CODE	Au ppb RUSH	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
4600E 4950N	241 229	50	< 0.2	1.49	< 2	150	< 0.5	< 2	0.25	< 0.5	6	20	19	1.88	< 10	< 1	0.06	10	0.31	195
4600E 4975N	241 229	5	< 0.2	1.14	< 2	110	< 0.5	< 2	0.32	< 0.5	6	24	21	2.01	< 10	< 1	0.07	10	0.31	185
4600E 5000N	241 229	< 5	< 0.2	0.96	< 2	80	< 0.5	< 2	0.33	< 0.5	5	20	19	1.90	< 10	< 1	0.05	10	0.28	145
4600E 5025N	241 229	< 5	< 0.2	0.99	< 2	80	< 0.5	< 2	0.35	< 0.5	6	25	18	1.97	< 10	< 1	0.08	10	0.35	180
4600E 5050N	241 229	< 5	< 0.2	1.26	2	90	< 0.5	< 2	0.32	< 0.5	8	28	35	2.21	< 10	< 1	0.12	10	0.41	185
4600E 5075N	241 229	< 5	< 0.2	0.74	< 2	60	< 0.5	< 2	0.27	< 0.5	4	17	14	1.64	< 10	< 1	0.03	< 10	0.21	130
4600E 5100N	241 229	< 5	< 0.2	0.84	< 2	80	< 0.5	< 2	0.25	< 0.5	5	18	15	1.66	< 10	< 1	0.03	< 10	0.24	130
4600E 5125N	241 229	< 5	< 0.2	1.34	< 2	90	< 0.5	< 2	0.21	< 0.5	5	17	19	1.62	< 10	< 1	0.04	< 10	0.23	185
4600E 5150N	241 229	< 5	< 0.2	1.44	2	90	< 0.5	< 2	0.24	< 0.5	4	15	15	1.54	< 10	< 1	0.03	< 10	0.18	210
4600E 5175N	241 229	< 5	< 0.2	0.79	2	70	< 0.5	< 2	0.38	< 0.5	4	22	15	1.62	< 10	< 1	0.08	10	0.33	160
4600E 5200N	241 229	< 5	< 0.2	1.52	< 2	120	< 0.5	< 2	0.29	< 0.5	7	26	24	1.96	< 10	< 1	0.08	10	0.45	265
4600E 5225N	241 229	< 5	< 0.2	1.93	6	220	< 0.5	< 2	0.36	< 0.5	11	33	44	2.39	< 10	< 1	0.13	10	0.63	295
4600E 5250N	241 229	< 5	< 0.2	1.44	< 2	100	< 0.5	< 2	0.21	< 0.5	6	19	17	1.75	< 10	< 1	0.04	< 10	0.30	190
4600E 5275N	241 229	< 5	< 0.2	1.04	2	80	< 0.5	< 2	0.28	< 0.5	4	19	15	1.37	< 10	< 1	0.06	10	0.32	235
4600E 5300N	241 229	< 5	< 0.2	1.33	< 2	130	< 0.5	< 2	0.31	< 0.5	8	26	26	2.19	< 10	< 1	0.10	10	0.49	225
4600E 5325N	241 229	5	< 0.2	1.02	4	90	< 0.5	< 2	0.29	< 0.5	7	22	17	1.77	< 10	< 1	0.13	10	0.36	255
4600E 5350N	241 229	40	< 0.2	1.06	< 2	90	< 0.5	< 2	0.31	< 0.5	6	20	17	1.83	< 10	< 1	0.08	10	0.31	180
4600E 5375N	241 229	< 5	< 0.2	1.37	< 2	80	< 0.5	< 2	0.16	< 0.5	4	14	12	1.53	< 10	< 1	0.04	< 10	0.18	245
4600E 5400N	241 229	< 5	< 0.2	1.22	< 2	90	< 0.5	< 2	0.25	< 0.5	6	19	17	1.84	< 10	< 1	0.06	< 10	0.27	190
4600E 5425N	241 229	< 5	< 0.2	1.23	2	100	< 0.5	< 2	0.28	< 0.5	6	20	20	1.96	< 10	< 1	0.06	10	0.29	170
4600E 5450N	241 229	< 5	< 0.2	1.61	2	90	< 0.5	< 2	0.24	< 0.5	6	19	18	1.85	< 10	< 1	0.06	10	0.27	325
4600E 5475N	241 229	< 5	< 0.2	1.34	< 2	130	< 0.5	< 2	0.26	< 0.5	6	21	18	1.94	< 10	< 1	0.10	10	0.29	270
4600E 5500N	241 229	< 5	< 0.2	1.24	< 2	140	< 0.5	< 2	0.30	< 0.5	7	21	19	2.07	< 10	< 1	0.12	10	0.34	240

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

To: INTERNATIONAL TOWER HILL MINES
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Page Number :2-B
 Total Pages :2
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 Invoice No. :I9322530
 P.O. Number :
 Account :KAR

Project : SIWASH
 Comments: CC: A. MONTGOMERY

CERTIFICATE OF ANALYSIS A9322530

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
4600E 4950N	241	229	1	0.02	11	830	40	< 2	2	31	0.07	< 10	< 10	47	< 10	156
4600E 4975N	241	229	< 1	0.01	9	650	2	< 2	2	20	0.08	< 10	< 10	61	< 10	32
4600E 5000N	241	229	< 1	0.01	9	650	< 2	< 2	2	22	0.07	< 10	< 10	60	< 10	24
4600E 5025N	241	229	< 1	0.01	8	630	4	< 2	3	22	0.07	< 10	< 10	63	< 10	28
4600E 5050N	241	229	< 1	0.02	14	560	2	< 2	2	20	0.09	< 10	< 10	68	< 10	34
4600E 5075N	241	229	< 1	0.01	7	530	< 2	< 2	2	17	0.05	< 10	< 10	53	< 10	20
4600E 5100N	241	229	< 1	0.01	7	440	2	< 2	2	16	0.06	< 10	< 10	53	< 10	28
4600E 5125N	241	229	< 1	0.01	10	800	< 2	< 2	1	14	0.06	< 10	< 10	44	< 10	32
4600E 5150N	241	229	< 1	0.02	7	1180	2	< 2	1	14	0.06	< 10	< 10	40	< 10	38
4600E 5175N	241	229	< 1	0.02	8	520	4	< 2	2	23	0.08	< 10	< 10	51	< 10	26
4600E 5200N	241	229	< 1	0.02	13	840	6	< 2	2	19	0.09	< 10	< 10	54	< 10	50
4600E 5225N	241	229	1	0.02	20	770	6	< 2	3	26	0.12	< 10	< 10	67	< 10	48
4600E 5250N	241	229	< 1	0.02	12	780	4	2	2	15	0.07	< 10	< 10	48	< 10	46
4600E 5275N	241	229	< 1	0.01	10	250	6	2	2	19	0.09	< 10	< 10	43	< 10	50
4600E 5300N	241	229	< 1	0.01	14	770	4	< 2	2	21	0.08	< 10	< 10	62	< 10	46
4600E 5325N	241	229	< 1	0.01	10	590	12	< 2	3	18	0.07	< 10	< 10	51	< 10	34
4600E 5350N	241	229	< 1	0.01	9	710	2	< 2	2	18	0.07	< 10	< 10	56	< 10	26
4600E 5375N	241	229	< 1	0.02	9	990	< 2	< 2	1	12	0.06	< 10	< 10	39	< 10	34
4600E 5400N	241	229	< 1	0.01	9	710	< 2	< 2	2	17	0.08	< 10	< 10	54	< 10	32
4600E 5425N	241	229	< 1	0.01	10	880	2	< 2	2	19	0.07	< 10	< 10	58	< 10	34
4600E 5450N	241	229	< 1	0.02	10	1210	6	< 2	2	17	0.08	< 10	< 10	50	< 10	58
4600E 5475N	241	229	< 1	0.02	10	1130	6	< 2	2	17	0.08	< 10	< 10	53	< 10	74
4600E 5500N	241	229	< 1	0.02	11	620	8	< 2	3	22	0.10	< 10	< 10	60	< 10	66

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

To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9322529

Comments:

CERTIFICATE

A9322529

PAMICON DEVELOPMENTS LIMITED

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-OCT-93.

SAMPLE PREPARATION

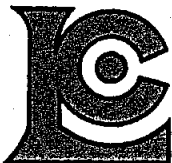
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
255	5	RUSH Geo ring to approx 150 mesh
292	5	RUSH Crush and split (0-15 lbs)
229	5	ICP - AQ Digestion charge

* 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
990	5	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
396	1	Au oz/T: 1/2 assay ton	FA-GRAVIMETRIC	0.003	20.000
2118	5	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	5	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	5	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	5	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	5	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	5	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	5	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	5	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	5	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	5	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	5	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	5	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	5	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	5	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	5	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	5	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	5	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	5	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	5	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	5	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	5	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	5	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	5	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	5	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	5	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	5	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	5	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	5	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	5	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	5	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	5	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	5	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

To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project : SIWASH
Comments:

Page Number : 1-A
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Certificate Date: 08-OCT-93
Invoice No. : 19322529
P.O. Number :
Account : BM

CERTIFICATE OF ANALYSIS

A9322529

SAMPLE	PREP		Au ppb	Au FA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
	CODE		RUSH	oz/T	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
SC 001	255	292	>10000	0.596	144.0	0.23	242	40	< 0.5	44	0.01	14.5	< 1	114	3680	12.05	< 10	< 1	0.10	10	0.01
SC 002	255	292	65	-----	14.4	0.73	24	370	< 0.5	4	0.02	0.5	1	110	142	2.41	< 10	< 1	0.56	20	0.02
SC 003	255	292	145	-----	51.0	0.28	26	450	< 0.5	22	< 0.01	< 0.5	< 1	95	199	1.79	< 10	< 1	0.25	10	0.01
SC 004	255	292	95	-----	40.0	0.33	22	250	< 0.5	62	0.01	< 0.5	1	240	245	3.78	< 10	< 1	0.21	10	0.01
NB 460561	255	292	< 5	-----	1.2	0.37	44	70	0.5	< 2	0.07	< 0.5	1	109	8	1.07	< 10	< 1	0.24	20	0.02

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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PHONE: 604-984-0221

To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project: SIWASH
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CERTIFICATE OF ANALYSIS

A9322529

SAMPLE	PREP CODE		Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
SC 001	255	292	65	20	< 0.01	1	110	>10000	1470	< 1	39	< 0.01	< 10	< 10	1	< 10	7190
SC 002	255	292	65	4	< 0.01	1	320	2510	4	< 1	10	< 0.01	10	< 10	2	< 10	492
SC 003	255	292	165	2	< 0.01	1	150	2240	6	< 1	6	< 0.01	< 10	< 10	1	< 10	204
SC 004	255	292	80	6	< 0.01	2	150	552	32	< 1	6	< 0.01	< 10	< 10	2	10	264
NB 460561	255	292	165	5	0.01	1	370	92	< 2	< 1	23	< 0.01	10	< 10	1	< 10	72

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9322509

Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE

A9322509

INTERNATIONAL TOWER HILL MINES

Project: SIWASH HEAVY SEDS
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 1-NOV-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
213	9	Heavy mineral separation SG 2.96
229	9	ICP - AQ Digestion charge
240	9	Dry, sieve to -10 mesh
202	9	save reject
217	9	Geochem ring entire sample

* 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	9	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	9	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	9	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	9	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	9	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	9	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	9	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	9	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	9	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	9	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	9	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	9	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	9	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	9	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	9	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	9	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	9	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	9	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	9	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	9	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	9	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	9	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	9	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	9	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	9	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	9	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	9	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	9	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	9	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	9	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	9	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	9	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	9	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

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To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

**

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Account : KAR

Project : SIWASH HEAVY SEDS
Comments: CC: PAMICON DEVELOPMENTS

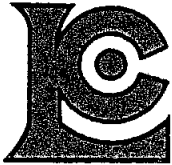
CERTIFICATE OF ANALYSIS

A9322509

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
460564	213	229	< 5	0.4	1.41	4	340	< 0.5	< 2	1.96	0.5	12	135	48	8.66	10	< 1	0.08	30	0.59	780
460567	213	229	< 5	0.2	1.38	14	270	< 0.5	< 2	1.91	< 0.5	11	111	38	6.78	10	< 1	0.09	20	0.60	665
460569	213	229	< 5	0.4	1.41	18	140	< 0.5	< 2	1.82	< 0.5	11	95	46	5.62	< 10	< 1	0.11	30	0.68	745
460573	213	229	< 5	< 0.2	1.16	< 2	80	< 0.5	< 2	1.47	< 0.5	9	96	27	6.41	< 10	< 1	0.06	20	0.52	530
460575	213	229	1500	0.4	1.30	8	200	< 0.5	12	1.53	< 0.5	11	95	63	6.60	< 10	< 1	0.09	30	0.64	775
460578	213	229	< 5	< 0.2	1.39	2	140	< 0.5	< 2	1.58	< 0.5	9	75	40	3.96	< 10	< 1	0.10	20	0.69	635
460582	213	229	< 5	< 0.2	1.24	12	500	< 0.5	< 2	1.50	< 0.5	10	89	61	4.88	< 10	< 1	0.09	30	0.64	555
460585	213	229	< 5	0.2	1.37	12	100	< 0.5	< 2	1.64	0.5	12	106	64	8.61	10	< 1	0.10	50	0.63	945
460589	213	229	< 5	0.2	1.49	14	90	< 0.5	4	1.52	< 0.5	14	112	105	10.50	10	< 1	0.09	30	0.63	900

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

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PHONE: 604-984-0221

To: INTERNATIONAL TOWER HILL MINES **
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

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Account : KAR

Project : SIWASH HEAVY SEDS
Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS

A9322509

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460564	213	229	< 1	0.06	19	1530	272	6	7	128	0.17	< 10	< 10	291	20	260
460567	213	229	< 1	0.05	17	1590	62	4	6	122	0.14	< 10	< 10	225	10	200
460569	213	229	1	0.07	20	1630	98	4	6	111	0.14	< 10	< 10	182	< 10	200
460573	213	229	1	0.04	16	1460	42	4	5	98	0.15	< 10	< 10	217	10	216
460575	213	229	< 1	0.05	18	1330	62	4	5	92	0.15	< 10	< 10	231	10	166
460578	213	229	< 1	0.06	17	1320	44	4	5	97	0.15	< 10	< 10	137	< 10	140
460582	213	229	< 1	0.05	19	1270	34	4	4	83	0.14	< 10	< 10	169	< 10	96
460585	213	229	< 1	0.06	18	1730	96	2	6	95	0.12	< 10	< 10	256	20	476
460589	213	229	< 1	0.05	17	1350	58	8	7	89	0.16	< 10	< 10	309	20	324

CERTIFICATION:

Hart Bickler



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To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9322343

Comments:

CERTIFICATE

A9322343

PAMICON DEVELOPMENTS LIMITED

Project: SIWASH
P.O. #: 1

Samples submitted to our lab in Vancouver, BC.
This report was printed on 7-OCT-93.

SAMPLE PREPARATION

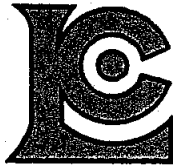
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
241	98	RUSH: Dry, sieve to -80 mesh
229	98	ICP - AQ Digestion charge

* 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
990	98	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	98	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	98	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	98	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	98	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	98	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	98	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	98	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	98	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	98	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	98	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	98	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	98	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	98	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	98	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	98	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	98	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	98	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	98	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	98	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	98	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	98	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	98	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	98	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	98	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	98	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	98	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	98	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	98	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	98	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	98	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	98	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	98	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

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To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

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 Invoice No. : 19322343
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 Account : BM

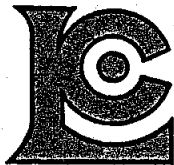
Project : SIWASH
 Comments:

CERTIFICATE OF ANALYSIS A9322343

SAMPLE	PREP CODE	Au ppb RUSH	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
NB L0000E 0000N	241 229	< 5	< 0.2	1.57	< 2	160	< 0.5	< 2	0.17	< 0.5	1	4	6	1.28	10	< 1	0.09	10	0.10	845
NB L0000E 0025N	241 229	< 5	0.2	1.52	2	110	< 0.5	< 2	0.17	< 0.5	2	8	7	1.48	10	< 1	0.07	10	0.09	500
NB L0000E 0050N	241 229	55	0.2	1.89	< 2	150	< 0.5	< 2	0.22	< 0.5	3	8	10	1.71	10	< 1	0.06	20	0.13	445
NB L0000E 0075N	241 229	< 5	< 0.2	2.12	< 2	180	< 0.5	< 2	0.14	< 0.5	4	8	9	1.85	10	< 1	0.04	10	0.11	315
NB L0000E 0100N	241 229	< 5	0.2	1.54	2	220	< 0.5	< 2	0.23	< 0.5	3	10	9	1.76	10	< 1	0.06	20	0.11	105
NB L0000E 0125N	241 229	< 5	< 0.2	0.76	2	110	< 0.5	< 2	0.35	< 0.5	3	14	9	1.56	10	< 1	0.12	20	0.20	155
NB L0000E 0150N	241 229	< 5	0.2	1.41	< 2	100	< 0.5	< 2	0.32	< 0.5	6	16	21	2.41	10	< 1	0.11	< 10	0.29	205
NB L0000E 025S	241 229	< 5	0.2	1.53	4	240	< 0.5	< 2	0.22	< 0.5	1	5	7	1.16	10	< 1	0.13	30	0.08	770
NB L0000E 050S	241 229	< 5	< 0.2	1.39	2	170	< 0.5	< 2	0.20	< 0.5	3	5	6	1.22	10	< 1	0.11	20	0.07	710
NB L0000E 075S	241 229	< 5	0.4	1.68	< 2	170	< 0.5	< 2	0.14	< 0.5	3	6	7	1.60	10	< 1	0.08	10	0.10	425
NB L0000E 100S	241 229	< 5	0.2	1.52	4	130	< 0.5	< 2	0.21	< 0.5	3	10	10	1.77	10	< 1	0.06	10	0.14	345
NB L0000E 125S	241 229	< 5	0.4	1.35	< 2	110	< 0.5	< 2	0.23	< 0.5	4	13	12	1.84	10	< 1	0.06	40	0.15	210
NB L0000E 150S	241 229	< 5	< 0.2	1.21	10	150	< 0.5	< 2	0.22	< 0.5	3	9	12	1.87	10	< 1	0.08	10	0.15	140
L025E BL00	241 229	< 5	0.2	0.86	< 2	100	< 0.5	< 2	0.16	< 0.5	1	< 1	3	0.87	10	< 1	0.17	30	0.04	385
L025E 025N	241 229	< 5	< 0.2	1.16	< 2	140	< 0.5	< 2	0.13	< 0.5	1	2	3	1.00	10	< 1	0.16	60	0.04	265
L025E 050N	241 229	< 5	< 0.2	1.24	< 2	140	< 0.5	< 2	0.17	< 0.5	2	7	6	1.30	10	< 1	0.10	40	0.07	115
L025E 075N	241 229	35	0.2	1.53	< 2	90	< 0.5	< 2	0.12	< 0.5	2	4	5	1.41	10	< 1	0.05	< 10	0.07	110
L025E 100N	241 229	< 5	< 0.2	1.46	< 2	130	< 0.5	< 2	0.26	< 0.5	2	8	7	1.68	10	< 1	0.06	10	0.10	95
L025E 125N	241 229	10	< 0.2	0.78	6	140	< 0.5	< 2	0.40	< 0.5	3	8	8	1.27	10	< 1	0.10	20	0.10	400
L025E 150N	241 229	< 5	< 0.2	1.13	6	120	< 0.5	< 2	0.37	< 0.5	2	13	10	1.71	10	< 1	0.11	20	0.19	100
L025E 025S	241 229	< 5	0.4	1.40	< 2	160	< 0.5	< 2	0.14	< 0.5	2	8	6	1.26	10	< 1	0.08	20	0.09	185
L025E 050S	241 229	< 5	0.2	1.11	4	150	< 0.5	< 2	0.11	< 0.5	1	4	6	1.34	< 10	< 1	0.09	20	0.08	135
L025E 075S	241 229	< 5	< 0.2	1.32	< 2	190	< 0.5	< 2	0.15	< 0.5	2	3	6	1.19	< 10	< 1	0.09	10	0.07	320
L025E 100S	241 229	< 5	< 0.2	0.88	< 2	80	< 0.5	< 2	0.15	< 0.5	2	6	5	1.10	10	< 1	0.09	40	0.06	85
L025E 125S	241 229	< 5	< 0.2	0.72	2	90	< 0.5	< 2	0.22	< 0.5	3	12	11	1.54	< 10	< 1	0.08	10	0.15	115
L025E 150S	241 229	< 5	0.2	1.55	< 2	190	< 0.5	< 2	0.41	0.5	3	22	43	2.05	30	< 1	0.11	300	0.19	380
L050E BL00	241 229	< 5	0.2	1.18	6	140	< 0.5	< 2	0.26	< 0.5	3	10	8	1.57	10	< 1	0.09	10	0.12	215
L050E 025N	241 229	< 5	< 0.2	0.72	< 2	130	< 0.5	< 2	0.21	< 0.5	< 1	2	3	0.82	10	< 1	0.15	30	0.07	95
L050E 050N	241 229	< 5	< 0.2	0.67	< 2	140	< 0.5	< 2	0.26	< 0.5	1	8	5	1.15	10	< 1	0.15	30	0.11	95
L050E 075N	241 229	< 5	< 0.2	1.69	4	130	< 0.5	< 2	0.26	< 0.5	3	11	14	1.92	10	< 1	0.08	20	0.20	240
L050E 100N	241 229	< 5	0.4	1.29	< 2	110	< 0.5	< 2	0.15	< 0.5	2	2	5	1.13	10	< 1	0.09	10	0.07	110
L050E 125N	241 229	< 5	0.2	1.06	22	100	< 0.5	< 2	0.23	< 0.5	2	6	23	1.76	10	< 1	0.09	30	0.10	80
L050E 150N	241 229	< 5	< 0.2	0.87	10	130	< 0.5	< 2	0.23	< 0.5	3	10	10	1.61	10	< 1	0.08	10	0.12	75
L050E 025S	241 229	< 5	0.2	1.00	< 2	110	< 0.5	< 2	0.30	< 0.5	3	8	7	1.41	10	< 1	0.10	20	0.13	270
L050E 050S	241 229	< 5	0.4	1.84	2	130	< 0.5	< 2	0.19	< 0.5	3	10	9	1.61	10	< 1	0.09	40	0.12	310
L050E 075S	241 229	< 5	0.2	1.18	< 2	110	< 0.5	< 2	0.20	0.5	2	8	8	1.27	10	< 1	0.11	20	0.10	495
L050E 100S	241 229	< 5	0.2	0.93	2	130	< 0.5	< 2	0.33	0.5	3	7	16	1.83	10	< 1	0.16	110	0.15	1515
L050E 125S	241 229	< 5	0.4	1.56	8	140	< 0.5	< 2	0.19	< 0.5	3	11	14	1.65	10	< 1	0.08	30	0.19	220
L050E 150S	241 229	< 5	0.4	1.40	2	140	< 0.5	< 2	0.25	0.5	3	9	13	1.80	10	< 1	0.07	10	0.16	315
L100E BL00	241 229	< 5	0.2	0.72	< 2	90	< 0.5	< 2	0.22	< 0.5	2	8	5	1.04	< 10	< 1	0.09	20	0.12	70

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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

To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

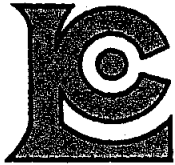
Project: SIWASH
 Comments:

Page Number :1-B
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 Certificate Date: 07-OCT-93
 Invoice No. :I9322343
 P.O. Number :
 Account :BM

CERTIFICATE OF ANALYSIS A9322343

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
NB L0000E 0000N	241 229	2	0.02	4	340	20	< 2	< 1	27	0.02	< 10	< 10	27	< 10	136
NB L0000E 0025N	241 229	2	0.03	3	610	18	< 2	1	25	0.07	< 10	< 10	36	< 10	174
NB L0000E 0050N	241 229	2	0.04	6	550	30	< 2	1	67	0.07	< 10	< 10	38	< 10	248
NB L0000E 0075N	241 229	1	0.03	6	1040	18	< 2	1	102	0.09	< 10	< 10	41	< 10	178
NB L0000E 0100N	241 229	1	0.03	5	500	32	2	1	115	0.06	< 10	< 10	41	< 10	304
NB L0000E 0125N	241 229	1	0.01	3	400	40	< 2	1	106	0.06	< 10	< 10	44	< 10	154
NB L0000E 0150N	241 229	1	0.02	7	440	16	< 2	2	40	0.09	< 10	< 10	78	< 10	194
NB L0000E 025S	241 229	1	0.02	2	510	26	< 2	< 1	33	0.03	< 10	< 10	21	< 10	138
NB L0000E 050S	241 229	1	0.02	3	540	24	< 2	< 1	25	0.03	< 10	< 10	25	< 10	166
NB L0000E 075S	241 229	1	0.02	3	430	26	< 2	1	22	0.04	< 10	< 10	34	< 10	318
NB L0000E 100S	241 229	2	0.03	6	770	32	< 2	1	45	0.07	< 10	< 10	43	< 10	434
NB L0000E 125S	241 229	2	0.02	4	450	32	< 2	1	37	0.07	< 10	< 10	43	< 10	590
NB L0000E 150S	241 229	2	0.02	3	430	48	< 2	1	67	0.06	< 10	< 10	42	< 10	346
L025E BL00	241 229	1	0.01	1	280	22	< 2	< 1	26	0.01	< 10	< 10	15	< 10	98
L025E 025N	241 229	3	0.01	2	290	32	< 2	< 1	23	0.01	< 10	< 10	17	< 10	102
L025E 050N	241 229	1	0.02	2	230	18	< 2	< 1	26	0.03	< 10	< 10	27	< 10	88
L025E 075N	241 229	2	0.04	3	740	14	< 2	1	21	0.07	< 10	< 10	34	< 10	142
L025E 100N	241 229	< 1	0.03	2	350	20	< 2	1	74	0.08	< 10	< 10	41	< 10	188
L025E 125N	241 229	2	0.02	3	250	20	< 2	1	91	0.04	< 10	< 10	34	< 10	226
L025E 150N	241 229	1	0.02	4	200	16	< 2	1	146	0.08	< 10	< 10	49	< 10	210
L025E 025S	241 229	1	0.02	3	320	18	< 2	< 1	28	0.04	< 10	< 10	29	< 10	170
L025E 050S	241 229	3	0.01	2	300	40	< 2	< 1	20	0.02	< 10	< 10	21	< 10	242
L025E 075S	241 229	< 1	0.02	3	360	66	< 2	< 1	28	0.03	< 10	< 10	24	< 10	318
L025E 100S	241 229	1	0.02	2	150	16	< 2	< 1	24	0.03	< 10	< 10	25	< 10	294
L025E 125S	241 229	2	0.01	3	370	44	< 2	1	35	0.05	< 10	< 10	35	< 10	202
L025E 150S	241 229	2	0.03	7	260	62	< 2	3	82	0.07	10	< 10	42	< 10	1195
L050E BL00	241 229	1	0.03	4	730	24	2	1	47	0.06	< 10	< 10	40	< 10	196
L050E 025N	241 229	1	0.01	< 1	300	18	< 2	< 1	46	0.01	< 10	< 10	15	< 10	58
L050E 050N	241 229	1	0.01	1	180	22	< 2	1	75	0.04	< 10	< 10	27	< 10	124
L050E 075N	241 229	1	0.02	6	450	28	2	1	33	0.05	< 10	< 10	51	< 10	134
L050E 100N	241 229	1	0.03	2	340	12	< 2	< 1	22	0.04	< 10	< 10	25	< 10	158
L050E 125N	241 229	1	0.02	3	430	64	< 2	1	36	0.04	< 10	< 10	32	< 10	312
L050E 150N	241 229	1	0.02	2	310	28	< 2	1	80	0.06	< 10	< 10	39	< 10	98
L050E 025S	241 229	< 1	0.02	3	630	30	4	1	58	0.05	< 10	< 10	37	< 10	166
L050E 050S	241 229	2	0.03	6	520	30	< 2	1	32	0.06	< 10	< 10	36	< 10	492
L050E 075S	241 229	2	0.02	3	500	58	< 2	1	34	0.03	< 10	< 10	28	< 10	358
L050E 100S	241 229	4	0.01	4	460	210	< 2	2	57	0.02	< 10	< 10	25	< 10	700
L050E 125S	241 229	1	0.02	7	550	48	< 2	1	49	0.05	< 10	< 10	36	< 10	560
L050E 150S	241 229	1	0.03	4	580	34	< 2	1	45	0.06	< 10	< 10	39	< 10	458
L100E BL00	241 229	1	0.01	2	210	18	< 2	1	52	0.04	< 10	< 10	29	< 10	84

CERTIFICATION: *Hart Beckler*



Chemex Labs Ltd.

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

To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Project : SIWASH
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Page Number :2-A
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 P.O. Number :
 Account :BM

CERTIFICATE OF ANALYSIS

A9322343

SAMPLE	PREP CODE	Au ppb RUSH	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
L100E 025S	241 229	< 5	< 0.2	1.19	12	120	< 0.5	< 2	0.35	< 0.5	3	15	14	1.88	10	< 1	0.11	10	0.27	185
L100E 050S	241 229	< 5	< 0.2	1.13	4	130	< 0.5	< 2	0.21	< 0.5	1	5	4	1.17	< 10	< 1	0.13	10	0.09	180
L100E 075S	241 229	< 5	0.4	1.43	< 2	150	< 0.5	< 2	0.20	< 0.5	3	10	8	1.49	10	< 1	0.11	10	0.14	305
L100E 100S	241 229	< 5	< 0.2	1.42	< 2	140	< 0.5	< 2	0.30	< 0.5	4	13	14	1.87	10	< 1	0.11	20	0.24	215
L100E 125S	241 229	< 5	< 0.2	1.41	8	130	< 0.5	< 2	0.26	< 0.5	3	11	11	1.67	10	< 1	0.07	30	0.17	265
L100E 150S	241 229	< 5	< 0.2	1.85	8	190	< 0.5	< 2	0.35	< 0.5	6	22	23	2.47	10	< 1	0.08	10	0.35	195
L025W 000N	241 229	< 5	< 0.2	1.49	4	120	< 0.5	< 2	0.16	< 0.5	3	8	9	1.40	< 10	< 1	0.06	10	0.15	500
L025W 025N	241 229	< 5	< 0.2	1.28	4	120	< 0.5	< 2	0.24	< 0.5	2	8	9	1.32	< 10	< 1	0.09	40	0.11	250
L025W 050N	241 229	< 5	0.2	1.14	2	80	< 0.5	< 2	0.11	< 0.5	2	7	6	1.30	< 10	< 1	0.06	10	0.09	75
L025W 075N	241 229	< 5	< 0.2	1.23	16	140	< 0.5	< 2	0.20	< 0.5	2	8	11	1.79	< 10	< 1	0.07	10	0.16	90
L025W 100N	241 229	< 5	< 0.2	1.29	4	150	< 0.5	2	0.17	< 0.5	2	9	6	1.24	< 10	< 1	0.10	20	0.13	105
L025W 125N	241 229	< 5	0.2	0.68	2	120	< 0.5	2	0.31	< 0.5	3	8	8	1.14	< 10	< 1	0.11	30	0.15	255
L025W 150N	241 229	< 5	0.2	1.05	4	90	< 0.5	< 2	0.18	< 0.5	2	8	5	1.19	< 10	< 1	0.07	10	0.11	160
L025W 025S	241 229	< 5	< 0.2	1.36	4	150	< 0.5	< 2	0.17	< 0.5	2	4	4	1.11	< 10	< 1	0.09	20	0.09	940
L025W 050S	241 229	< 5	0.2	1.05	2	130	< 0.5	2	0.11	< 0.5	2	2	5	1.35	< 10	< 1	0.11	10	0.06	495
L025W 075S	241 229	< 5	< 0.2	1.25	8	140	< 0.5	< 2	0.20	< 0.5	2	6	7	1.31	< 10	< 1	0.10	< 10	0.10	640
L025W 100S	241 229	< 5	0.2	1.23	6	160	< 0.5	2	0.33	0.5	3	15	23	1.76	20	< 1	0.12	220	0.12	595
L025W 125S	241 229	< 5	0.2	0.95	14	110	< 0.5	< 2	0.24	< 0.5	3	11	13	1.65	< 10	< 1	0.08	10	0.17	235
L025W 150S	241 229	< 5	0.4	1.06	4	140	< 0.5	< 2	0.23	< 0.5	2	11	14	1.51	< 10	< 1	0.09	50	0.16	205
L050W 000N	241 229	< 5	0.2	1.28	< 2	120	< 0.5	2	0.21	< 0.5	3	9	10	1.43	< 10	< 1	0.08	20	0.14	115
L050W 025N	241 229	< 5	0.2	1.33	8	180	< 0.5	2	0.53	< 0.5	3	21	37	1.66	30	< 1	0.11	270	0.11	510
L050W 050N	241 229	< 5	< 0.2	1.78	2	180	< 0.5	< 2	0.16	< 0.5	3	9	11	1.61	< 10	< 1	0.07	20	0.11	125
L050W 075N	241 229	< 5	0.2	0.88	< 2	110	< 0.5	2	0.21	< 0.5	3	7	4	1.06	< 10	< 1	0.07	20	0.07	120
L050W 100N	241 229	< 5	0.2	1.21	8	190	< 0.5	< 2	0.17	< 0.5	3	9	12	1.31	10	< 1	0.08	60	0.10	430
L050W 125N	241 229	< 5	< 0.2	1.11	2	120	< 0.5	< 2	0.21	< 0.5	2	8	6	1.28	< 10	< 1	0.08	10	0.14	155
L050W 150N	241 229	< 5	0.2	1.33	12	120	< 0.5	< 2	0.36	< 0.5	2	8	8	1.42	< 10	< 1	0.09	20	0.14	380
L050W 025S	241 229	< 5	< 0.2	2.08	< 2	150	< 0.5	< 2	0.19	< 0.5	2	7	10	1.75	10	< 1	0.07	10	0.12	405
L050W 050S	241 229	< 5	< 0.2	1.40	2	150	< 0.5	2	0.17	< 0.5	2	8	7	1.34	< 10	< 1	0.06	10	0.12	280
L050W 075S	241 229	< 5	0.2	0.82	2	160	< 0.5	2	0.36	0.5	< 1	15	21	1.07	20	< 1	0.12	290	0.06	180
L050W 100S	241 229	< 5	0.2	0.81	< 2	110	< 0.5	2	0.17	0.5	2	2	7	1.24	< 10	< 1	0.13	10	0.06	630
L050W 125S	241 229	< 5	< 0.2	1.51	2	150	< 0.5	2	0.21	< 0.5	3	3	6	1.42	< 10	< 1	0.12	10	0.08	505
L050W 150S	241 229	< 5	0.2	1.46	8	130	< 0.5	< 2	0.19	< 0.5	4	9	11	1.58	10	< 1	0.07	20	0.13	470
L100W 000N	241 229	< 5	0.2	1.15	< 2	110	< 0.5	< 2	0.14	< 0.5	3	9	7	1.34	< 10	< 1	0.07	20	0.09	165
L100W 025N	241 229	< 5	0.2	1.15	6	110	< 0.5	< 2	0.17	< 0.5	3	8	8	1.48	< 10	< 1	0.06	10	0.11	155
L100W 050N	241 229	< 5	< 0.2	1.08	< 2	70	< 0.5	< 2	0.08	< 0.5	1	4	4	1.18	< 10	< 1	0.07	10	0.06	175
L100W 075N	241 229	< 5	0.4	1.31	6	310	< 0.5	< 2	0.38	< 0.5	2	8	15	1.42	10	< 1	0.11	100	0.11	530
L100W 100N	241 229	< 5	0.2	1.19	< 2	110	< 0.5	2	0.18	< 0.5	3	10	8	1.47	< 10	< 1	0.07	10	0.13	315
L100W 125N	241 229	< 5	0.2	1.23	6	120	< 0.5	< 2	0.17	< 0.5	2	8	7	1.24	< 10	< 1	0.08	10	0.12	195
L100W 150N	241 229	< 5	0.2	1.05	8	130	< 0.5	< 2	0.31	< 0.5	2	12	10	1.30	10	< 1	0.11	40	0.17	195
L100W 025S	241 229	< 5	< 0.2	1.48	6	160	< 0.5	< 2	0.16	< 0.5	2	6	6	1.47	< 10	< 1	0.10	< 10	0.09	550

CERTIFICATION: *Hart Bichler*



Chemex Labs Ltd.

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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L100E 025S	241 229	1	0.02	5	670	28	< 2	2	102	0.07	< 10	< 10	49	< 10	122
L100E 050S	241 229	1	0.02	2	290	14	< 2	< 1	45	0.03	< 10	< 10	23	< 10	148
L100E 075S	241 229	1	0.02	4	350	22	< 2	1	49	0.05	< 10	< 10	35	< 10	214
L100E 100S	241 229	1	0.01	3	420	34	2	1	40	0.05	< 10	< 10	53	< 10	260
L100E 125S	241 229	1	0.02	5	580	40	2	1	45	0.06	< 10	< 10	45	< 10	442
L100E 150S	241 229	< 1	0.03	9	350	12	< 2	2	49	0.12	< 10	< 10	80	< 10	414
L025W 000N	241 229	1	0.02	4	530	28	< 2	1	32	0.06	< 10	< 10	34	< 10	162
L025W 025N	241 229	1	0.02	3	520	34	< 2	1	53	0.04	< 10	< 10	29	< 10	204
L025W 050N	241 229	1	0.02	1	500	32	< 2	< 1	27	0.03	< 10	< 10	29	< 10	192
L025W 075N	241 229	2	0.02	4	550	40	< 2	1	78	0.05	< 10	< 10	38	< 10	216
L025W 100N	241 229	1	0.03	3	550	28	< 2	1	65	0.04	< 10	< 10	27	< 10	236
L025W 125N	241 229	1	0.01	2	370	38	< 2	1	97	0.03	< 10	< 10	28	< 10	178
L025W 150N	241 229	< 1	0.02	3	550	24	< 2	< 1	38	0.04	< 10	< 10	29	< 10	262
L025W 025S	241 229	1	0.02	3	420	24	< 2	< 1	23	0.02	< 10	< 10	22	< 10	146
L025W 050S	241 229	2	0.01	2	300	38	< 2	< 1	20	0.02	< 10	< 10	20	< 10	226
L025W 075S	241 229	1	0.02	3	450	38	< 2	< 1	27	0.03	< 10	< 10	26	< 10	392
L025W 100S	241 229	1	0.02	4	250	44	< 2	2	67	0.04	< 10	< 10	34	< 10	934
L025W 125S	241 229	1	0.02	6	430	40	< 2	1	34	0.05	< 10	< 10	38	< 10	312
L025W 150S	241 229	< 1	0.02	5	190	28	< 2	1	38	0.06	< 10	< 10	36	< 10	548
L050W 000N	241 229	1	0.02	4	180	30	< 2	1	44	0.05	< 10	< 10	34	< 10	218
L050W 025N	241 229	2	0.03	4	170	40	< 2	3	100	0.03	10	< 10	32	< 10	372
L050W 050N	241 229	1	0.03	4	500	32	< 2	1	43	0.04	< 10	< 10	33	< 10	254
L050W 075N	241 229	1	0.02	2	210	26	< 2	< 1	40	0.03	< 10	< 10	25	< 10	168
L050W 100N	241 229	1	0.03	4	230	30	< 2	1	39	0.04	< 10	< 10	31	< 10	240
L050W 125N	241 229	1	0.03	4	570	26	< 2	1	83	0.06	< 10	< 10	31	< 10	214
L050W 150N	241 229	1	0.03	3	620	32	< 2	1	99	0.06	< 10	< 10	34	< 10	272
L050W 025S	241 229	< 1	0.03	4	670	20	< 2	1	24	0.06	< 10	< 10	37	< 10	160
L050W 050S	241 229	< 1	0.02	3	500	30	< 2	< 1	33	0.04	< 10	< 10	28	< 10	162
L050W 075S	241 229	2	0.02	2	230	46	< 2	1	79	0.01	10	< 10	15	< 10	350
L050W 100S	241 229	2	0.01	2	380	62	2	< 1	29	0.01	< 10	< 10	13	< 10	370
L050W 125S	241 229	2	0.02	2	350	20	< 2	< 1	29	0.03	< 10	< 10	24	< 10	506
L050W 150S	241 229	2	0.02	4	680	50	< 2	1	35	0.05	< 10	< 10	34	< 10	510
L100W 000N	241 229	2	0.02	2	250	44	< 2	< 1	23	0.03	< 10	< 10	28	< 10	448
L100W 025N	241 229	1	0.02	4	320	26	< 2	1	33	0.06	< 10	< 10	34	< 10	304
L100W 050N	241 229	2	0.02	1	170	36	2	< 1	12	0.02	< 10	< 10	24	< 10	188
L100W 075N	241 229	2	0.03	3	260	48	< 2	2	81	0.03	< 10	< 10	27	< 10	320
L100W 100N	241 229	1	0.02	4	640	20	< 2	1	43	0.07	< 10	< 10	38	< 10	280
L100W 125N	241 229	< 1	0.02	4	440	26	< 2	< 1	43	0.04	< 10	< 10	29	< 10	250
L100W 150N	241 229	< 1	0.02	3	320	28	< 2	1	140	0.06	< 10	< 10	31	< 10	162
L100W 025S	241 229	1	0.02	2	370	26	< 2	< 1	24	0.03	< 10	< 10	27	< 10	276

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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

To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Project: SIWASH
 Comments:

Page Number :3-A
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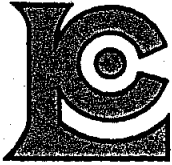
CERTIFICATE OF ANALYSIS

A9322343

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			RUSH																		
L100W 050S	241	229	< 5	0.2	1.14	< 2	160	< 0.5	2	0.22	< 0.5	2	10	12	1.37	< 10	< 1	0.08	120	0.11	220
L100W 075S	241	229	< 5	0.2	1.37	12	150	< 0.5	< 2	0.19	< 0.5	3	8	9	1.57	< 10	< 1	0.07	10	0.13	230
L100W 100S	241	229	< 5	0.2	1.15	4	170	< 0.5	< 2	0.17	< 0.5	2	7	10	1.50	< 10	< 1	0.06	20	0.12	125
L100W 125S	241	229	< 5	0.2	1.46	< 2	140	< 0.5	< 2	0.09	< 0.5	2	4	5	1.24	< 10	< 1	0.08	10	0.07	320
L100W 150S	241	229	35	0.4	1.36	6	130	< 0.5	2	0.10	0.5	1	4	11	1.15	< 10	< 1	0.09	10	0.06	290
L1 0+00SE	241	229	< 5	< 0.2	1.25	12	140	< 0.5	2	0.35	0.5	8	20	51	2.80	10	< 1	0.19	40	0.46	690
L1 0+25SE	241	229	10	< 0.2	1.75	10	330	< 0.5	< 2	1.03	0.5	15	31	66	3.60	10	< 1	0.30	20	1.12	810
L1 0+50SE	241	229	< 5	0.4	1.53	16	190	< 0.5	< 2	0.39	0.5	7	27	99	2.82	10	< 1	0.20	20	0.42	485
L1 0+75SE	241	229	< 5	1.2	1.90	16	520	< 0.5	< 2	0.20	1.0	8	10	131	1.99	< 10	< 1	0.15	20	0.14	1335
L1 1+00SE	241	229	< 5	0.4	3.09	20	1350	< 0.5	< 2	7.20	< 0.5	4	19	57	3.24	< 10	< 1	0.75	10	0.37	265
L1 1+25SE	241	229	< 5	0.4	1.98	< 2	410	< 0.5	< 2	0.32	1.5	7	18	156	2.43	< 10	< 1	0.12	30	0.34	965
L1 1+50SE	241	229	< 5	0.2	2.58	28	210	< 0.5	< 2	0.13	1.0	4	13	37	2.70	< 10	< 1	0.05	20	0.14	1525
L2 0+00SE	241	229	< 5	0.2	2.17	14	170	< 0.5	< 2	0.24	0.5	7	17	73	2.32	10	< 1	0.07	20	0.30	960
L2 0+25SE	241	229	< 5	< 0.2	1.49	8	160	< 0.5	< 2	0.27	< 0.5	4	16	30	2.12	< 10	< 1	0.06	10	0.24	375
L2 0+50SE	241	229	< 5	0.2	2.09	16	170	< 0.5	6	0.25	< 0.5	5	19	83	2.48	< 10	< 1	0.06	10	0.29	315
L2 1+00SE	241	229	< 5	0.2	1.74	6	130	< 0.5	< 2	0.73	0.5	11	69	56	2.66	< 10	< 1	0.20	30	0.83	455
L2 1+25SE	241	229	20	0.8	1.42	8	490	< 0.5	< 2	0.36	1.5	7	24	81	2.65	< 10	< 1	0.23	30	0.39	345
L2 1+50SE	241	229	< 5	2.0	0.88	12	140	< 0.5	8	0.16	2.0	3	8	86	3.54	< 10	< 1	0.24	40	0.10	280

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

To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Project : SIWASH
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CERTIFICATE OF ANALYSIS

A9322343

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
L100W 050S	241 229	1	0.03	3	250	28	< 2	1	46	0.03	< 10	< 10	29	< 10	580
L100W 075S	241 229	1	0.03	3	480	38	< 2	1	30	0.05	< 10	< 10	32	< 10	480
L100W 100S	241 229	1	0.03	4	230	36	< 2	1	31	0.06	< 10	< 10	36	< 10	482
L100W 125S	241 229	1	0.02	2	290	66	< 2	< 1	17	0.02	< 10	< 10	23	< 10	446
L100W 150S	241 229	1	0.01	2	370	154	< 2	< 1	17	0.01	< 10	< 10	17	< 10	566
L1 0+00SE	241 229	3	0.03	13	940	168	< 2	4	33	0.08	< 10	< 10	63	< 10	478
L1 0+25SE	241 229	3	0.05	19	1490	14	2	9	53	0.13	< 10	< 10	98	10	132
L1 0+50SE	241 229	2	0.02	9	580	362	< 2	4	39	0.11	< 10	< 10	83	< 10	480
L1 0+75SE	241 229	6	0.02	4	950	566	< 2	2	21	0.06	< 10	< 10	35	< 10	766
L1 1+00SE	241 229	1	0.33	3	580	518	2	5	147	0.10	< 10	< 10	60	10	396
L1 1+25SE	241 229	2	0.03	9	1030	188	< 2	3	32	0.08	< 10	< 10	63	< 10	958
L1 1+50SE	241 229	3	0.02	4	1120	290	< 2	2	11	0.09	< 10	< 10	49	< 10	1230
L2 0+00SE	241 229	< 1	0.02	7	1130	92	< 2	3	18	0.10	< 10	< 10	58	< 10	906
L2 0+25SE	241 229	1	0.02	4	540	114	< 2	1	21	0.08	< 10	< 10	63	< 10	684
L2 0+50SE	241 229	1	0.02	8	800	126	2	2	20	0.11	< 10	< 10	70	< 10	762
L2 1+00SE	241 229	2	0.07	55	940	80	< 2	5	44	0.14	< 10	< 10	79	< 10	276
L2 1+25SE	241 229	4	0.02	10	700	696	< 2	3	31	0.08	< 10	< 10	58	< 10	1300
L2 1+50SE	241 229	4	0.01	2	700	78	< 2	1	45	< 0.01	< 10	< 10	18	< 10	1485

CERTIFICATION:

Hart Becker



Chemex Labs Ltd.

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

To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

A9322337

Comments:

CERTIFICATE

A9322337

PAMICON DEVELOPMENTS LIMITED

Project: SIWASH
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 7-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
255	9	RUSH Geo ring to approx 150 mesh
292	9	RUSH Crush and split (0-15 lbs)
229	9	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, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
990	9	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	9	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	9	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	9	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	9	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	9	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	9	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	9	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	9	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	9	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	9	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	9	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	9	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	9	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	9	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	9	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	9	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	9	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	9	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	9	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	9	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	9	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	9	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	9	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	9	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	9	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	9	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	9	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	9	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	9	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	9	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	9	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	9	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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 PHONE: 604-984-0221

To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Project: SIWASH
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CERTIFICATE OF ANALYSIS

A9322337

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			RUSH																		
NB 460552	255	292	< 5	< 0.2	0.68	< 2	140	< 0.5	< 2	0.37	0.5	23	210	38	0.93	10	< 1	0.40	70	0.03	625
NB 460553	255	292	10	< 0.2	0.55	< 2	110	< 0.5	< 2	0.53	0.5	15	151	13	0.82	10	< 1	0.34	70	0.03	630
NB 460554	255	292	< 5	< 0.2	0.76	< 2	120	< 0.5	< 2	0.24	0.5	27	183	10	0.92	10	< 1	0.37	60	0.05	535
NB 460555	255	292	< 5	< 0.2	0.73	< 2	140	< 0.5	< 2	0.26	0.5	16	199	8	0.97	10	< 1	0.41	80	0.05	550
NB 460556	255	292	< 5	< 0.2	0.74	< 2	120	< 0.5	< 2	0.11	< 0.5	11	165	4	0.93	10	< 1	0.44	60	0.03	635
NB 460557	255	292	< 5	< 0.2	0.64	< 2	90	< 0.5	< 2	0.10	0.5	6	128	3	0.73	10	< 1	0.38	50	0.03	565
NB 460558	255	292	< 5	< 0.2	0.67	< 2	70	< 0.5	< 2	0.11	< 0.5	3	126	4	0.67	10	< 1	0.37	40	0.03	225
NB 460559	255	292	< 5	< 0.2	0.68	< 2	70	< 0.5	< 2	0.09	< 0.5	4	129	3	0.76	10	< 1	0.37	30	0.03	155
NB 460560	255	292	< 5	0.2	0.65	< 2	80	< 0.5	< 2	0.13	< 0.5	8	163	3	0.58	10	< 1	0.33	90	0.03	295

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

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CERTIFICATE OF ANALYSIS

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SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Ti	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
NB 460552	255	292	3	0.04	3	370	40	< 2	1	66	< 0.01	< 10	< 10	8	< 10	68
NB 460553	255	292	3	0.03	2	330	32	< 2	1	78	< 0.01	< 10	< 10	8	< 10	56
NB 460554	255	292	3	0.04	3	320	34	< 2	1	45	< 0.01	< 10	< 10	11	< 10	60
NB 460555	255	292	4	0.04	3	350	40	< 2	1	46	< 0.01	< 10	< 10	10	< 10	92
NB 460556	255	292	3	0.03	1	340	44	< 2	1	26	< 0.01	< 10	< 10	7	< 10	90
NB 460557	255	292	2	0.03	2	370	42	< 2	< 1	21	< 0.01	< 10	< 10	6	< 10	84
NB 460558	255	292	3	0.03	2	370	20	< 2	1	24	< 0.01	< 10	< 10	6	< 10	26
NB 460559	255	292	2	0.03	1	320	22	< 2	< 1	22	< 0.01	< 10	< 10	5	< 10	24
NB 460560	255	292	3	0.04	2	380	40	< 2	< 1	30	< 0.01	< 10	< 10	3	< 10	36

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

To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9322335

Comments:

CERTIFICATE

A9322335

PAMICON DEVELOPMENTS LIMITED

Project: SIWASH
P.O.#: 1

Samples submitted to our lab in Vancouver, BC.
This report was printed on 7-OCT-93.

SAMPLE PREPARATION

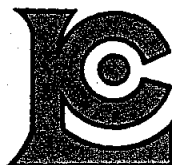
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
241	81	RUSH: Dry, sieve to -80 mesh
229	81	ICP - AQ Digestion charge

* 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
990	81	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	81	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	81	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	81	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	81	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	81	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	81	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	81	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	81	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	81	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	81	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	81	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	81	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	81	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	81	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	81	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	81	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	81	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	81	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	81	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	81	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	81	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	81	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	81	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	81	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	81	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	81	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	81	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	81	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	81	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	81	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	81	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	81	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

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711 - 675 W. HASTINGS ST.
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CERTIFICATE OF ANALYSIS A9322335

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			RUSH																		
L3800E 4000N	241	229	< 5	0.2	0.99	4	170	< 0.5	2	0.17	< 0.5	2	8	13	1.49	< 10	< 1	0.12	10	0.09	210
L3800E 4025N	241	229	< 5	0.4	1.34	< 2	200	< 0.5	2	0.16	< 0.5	2	10	14	1.80	< 10	< 1	0.11	10	0.13	540
L3800E 4050N	241	229	< 5	6.8	0.27	8	310	< 0.5	12	0.01	< 0.5	< 1	2	60	1.79	< 10	< 1	0.29	60	< 0.01	10
L3800E 4075N	241	229	< 5	0.4	1.50	4	180	< 0.5	2	0.16	< 0.5	2	7	10	1.50	< 10	< 1	0.07	10	0.12	385
L3800E 4100N	241	229	< 5	0.6	1.49	8	110	< 0.5	2	0.12	< 0.5	2	3	10	1.32	< 10	< 1	0.10	20	0.08	165
L3800E 4125N	241	229	< 5	0.6	1.49	< 2	140	< 0.5	< 2	0.14	0.5	2	5	6	1.31	< 10	< 1	0.07	10	0.08	495
L3800E 4150N	241	229	< 5	0.4	1.36	8	130	< 0.5	< 2	0.15	< 0.5	3	7	7	1.33	< 10	< 1	0.07	10	0.11	340
L3800E 4175N	241	229	< 5	0.2	0.86	14	150	< 0.5	< 2	0.26	< 0.5	3	14	15	1.56	< 10	< 1	0.06	110	0.16	170
L3800E 4200N	241	229	< 5	0.2	1.03	4	130	< 0.5	< 2	0.20	< 0.5	3	10	12	1.35	< 10	< 1	0.06	50	0.16	140
L3800E 4225N	241	229	< 5	0.2	0.91	8	170	< 0.5	< 2	0.16	< 0.5	3	9	8	1.22	< 10	< 1	0.07	10	0.12	120
L3800E 4250N	241	229	< 5	0.2	1.01	< 2	160	< 0.5	< 2	0.25	< 0.5	3	13	16	1.73	< 10	< 1	0.08	110	0.15	135
L3800E 4275N	241	229	< 5	< 0.2	1.12	14	130	< 0.5	< 2	0.16	< 0.5	2	7	8	1.71	< 10	< 1	0.08	10	0.12	225
L3800E 4300N	241	229	< 5	< 0.2	1.12	22	170	< 0.5	4	0.20	< 0.5	3	8	10	1.58	< 10	< 1	0.10	10	0.15	185
L3800E 4325N	241	229	< 5	< 0.2	1.04	6	140	< 0.5	< 2	0.21	< 0.5	3	8	10	1.47	< 10	< 1	0.08	10	0.17	310
L3800E 4350N	241	229	< 5	< 0.2	1.42	6	180	< 0.5	< 2	0.18	< 0.5	4	10	10	1.55	< 10	< 1	0.06	20	0.13	120
L3800E 4375N	241	229	< 5	< 0.2	0.61	4	90	< 0.5	< 2	0.15	< 0.5	1	< 1	3	0.83	< 10	< 1	0.13	20	0.03	250
L3800E 4400N	241	229	< 5	< 0.2	0.55	< 2	80	< 0.5	2	0.16	< 0.5	1	3	4	1.02	< 10	< 1	0.11	30	0.06	310
L3800E 4425N	241	229	< 5	< 0.2	0.92	2	100	< 0.5	< 2	0.19	< 0.5	3	9	13	1.57	< 10	< 1	0.08	20	0.16	105
L3800E 4450N	241	229	< 5	< 0.2	0.82	6	150	< 0.5	< 2	0.25	< 0.5	2	12	10	1.41	< 10	< 1	0.10	20	0.19	145
L3800E 4475N	241	229	< 5	< 0.2	1.67	2	110	< 0.5	< 2	0.20	< 0.5	3	7	7	1.53	< 10	< 1	0.08	10	0.11	245
L3800E 4500N	241	229	< 5	< 0.2	1.26	< 2	230	< 0.5	< 2	0.27	< 0.5	3	11	8	1.55	< 10	< 1	0.13	30	0.25	160
L3800E 4525N	241	229	< 5	< 0.2	1.22	< 2	130	< 0.5	< 2	0.16	< 0.5	2	6	4	1.38	< 10	< 1	0.08	< 10	0.14	325
L3800E 4550N	241	229	< 5	1.0	1.31	< 2	90	< 0.5	2	0.16	< 0.5	2	7	6	1.37	< 10	< 1	0.07	10	0.11	115
L3800E 4575N	241	229	< 5	0.2	1.21	2	150	< 0.5	< 2	0.39	< 0.5	3	12	16	1.48	10	< 1	0.09	170	0.10	260
L3800E 4600N	241	229	< 5	5.2	1.70	16	90	< 0.5	< 2	0.17	0.5	2	5	10	1.70	< 10	< 1	0.04	20	0.11	460
L3800E 4625N	241	229	< 5	< 0.2	1.21	20	90	< 0.5	< 2	0.17	< 0.5	2	8	5	1.79	< 10	< 1	0.10	< 10	0.10	140
L3800E 4650N	241	229	< 5	< 0.2	1.35	10	90	< 0.5	4	0.18	< 0.5	2	9	4	1.62	< 10	< 1	0.06	10	0.09	110
L3800E 4675N	241	229	< 5	0.4	1.31	14	70	< 0.5	< 2	0.31	< 0.5	5	17	13	2.18	< 10	< 1	0.06	10	0.22	175
L3800E 4700N	241	229	< 5	0.2	0.90	< 2	70	< 0.5	< 2	0.37	< 0.5	3	13	10	1.57	10	< 1	0.08	30	0.18	125
L3800E 4725N	241	229	< 5	0.2	1.25	< 2	100	< 0.5	2	0.27	< 0.5	2	11	7	1.41	< 10	< 1	0.07	10	0.17	115
L3800E 4750N	241	229	< 5	0.2	1.35	6	80	< 0.5	< 2	0.20	< 0.5	2	10	6	1.46	< 10	< 1	0.06	10	0.12	90
L3800E 4775N	241	229	15	< 0.2	1.22	22	100	< 0.5	< 2	0.28	< 0.5	4	18	18	2.41	< 10	< 1	0.10	10	0.29	200
L3800E 4800N	241	229	< 5	< 0.2	1.31	8	100	< 0.5	< 2	0.27	< 0.5	4	15	13	1.78	< 10	< 1	0.07	10	0.22	320
L3800E 4825N	241	229	< 5	0.2	1.02	6	80	< 0.5	< 2	0.24	< 0.5	3	12	9	1.54	< 10	< 1	0.08	10	0.16	130
L3800E 4850N	241	229	< 5	< 0.2	0.69	2	70	< 0.5	< 2	0.27	< 0.5	3	14	10	1.59	< 10	< 1	0.08	10	0.15	105
L3800E 4875N	241	229	< 5	0.4	1.46	4	140	< 0.5	< 2	0.46	< 0.5	5	23	21	1.98	< 10	< 1	0.09	40	0.31	220
L3800E 4900N	241	229	< 5	0.2	1.39	10	130	< 0.5	< 2	0.37	< 0.5	6	20	19	1.78	< 10	< 1	0.08	20	0.29	175
L3800E 4925N	241	229	< 5	< 0.2	1.09	16	240	< 0.5	< 2	0.20	< 0.5	2	11	17	2.58	< 10	< 1	0.22	40	0.16	100
L3800E 4950N	241	229	< 5	0.4	1.37	30	280	< 0.5	< 2	0.22	< 0.5	3	18	28	5.16	< 10	< 1	0.41	40	0.29	120
L3800E 4975N	241	229	< 5	0.4	1.20	16	290	< 0.5	< 2	0.15	< 0.5	< 1	4	15	3.99	< 10	< 1	0.37	10	0.12	85

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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

To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Project : SIWASH
 Comments:

Page Number : 1-B
 Total Pages : 3
 Certificate Date: 07-OCT-93
 Invoice No. : I9322335
 P.O. Number :
 Account : BM

CERTIFICATE OF ANALYSIS A9322335

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L3800E 4000N	241	229	5	0.01	2	380	156	< 2	< 1	23	0.03	< 10	< 10	23	< 10	326
L3800E 4025N	241	229	1	0.02	3	420	110	< 2	< 1	34	0.04	< 10	< 10	34	< 10	386
L3800E 4050N	241	229	9	0.02	< 1	390	762	< 2	< 1	47	< 0.01	< 10	< 10	2	< 10	28
L3800E 4075N	241	229	1	0.03	2	340	80	< 2	1	21	0.05	< 10	< 10	33	< 10	490
L3800E 4100N	241	229	3	0.01	2	310	112	< 2	< 1	16	0.01	< 10	< 10	16	< 10	656
L3800E 4125N	241	229	3	0.02	3	350	194	< 2	< 1	16	0.01	< 10	< 10	23	< 10	688
L3800E 4150N	241	229	1	0.02	3	550	52	< 2	< 1	32	0.02	< 10	< 10	24	< 10	670
L3800E 4175N	241	229	1	0.02	3	210	58	< 2	2	53	0.04	< 10	< 10	32	< 10	588
L3800E 4200N	241	229	< 1	0.02	5	220	38	2	1	40	0.04	< 10	< 10	29	< 10	680
L3800E 4225N	241	229	1	0.02	2	270	36	< 2	< 1	42	0.04	< 10	< 10	27	< 10	286
L3800E 4250N	241	229	2	0.02	4	230	50	2	1	121	0.05	< 10	< 10	34	< 10	394
L3800E 4275N	241	229	1	0.01	3	360	78	< 2	1	30	0.02	< 10	< 10	24	< 10	350
L3800E 4300N	241	229	1	0.01	4	330	50	< 2	1	53	0.04	< 10	< 10	30	< 10	292
L3800E 4325N	241	229	< 1	0.02	3	390	38	< 2	1	66	0.04	< 10	< 10	29	< 10	184
L3800E 4350N	241	229	< 1	0.02	5	230	32	< 2	1	33	0.05	< 10	< 10	34	< 10	600
L3800E 4375N	241	229	2	0.01	2	320	30	< 2	< 1	24	< 0.01	< 10	< 10	9	< 10	126
L3800E 4400N	241	229	3	0.01	1	300	36	< 2	< 1	30	0.01	< 10	< 10	16	< 10	108
L3800E 4425N	241	229	2	0.02	4	320	40	< 2	1	66	0.05	< 10	< 10	37	< 10	226
L3800E 4450N	241	229	1	0.02	4	460	36	< 2	1	198	0.06	< 10	< 10	37	< 10	154
L3800E 4475N	241	229	< 1	0.03	3	1310	18	< 2	1	36	0.06	< 10	< 10	34	< 10	202
L3800E 4500N	241	229	< 1	0.02	6	370	20	2	1	668	0.07	< 10	< 10	37	< 10	106
L3800E 4525N	241	229	1	0.02	2	330	10	< 2	< 1	59	0.05	< 10	< 10	33	< 10	70
L3800E 4550N	241	229	1	0.03	3	390	36	< 2	< 1	22	0.03	< 10	< 10	30	< 10	294
L3800E 4575N	241	229	1	0.03	3	280	76	< 2	2	57	0.03	< 10	< 10	29	< 10	310
L3800E 4600N	241	229	1	0.03	3	960	788	< 2	1	15	0.05	< 10	< 10	35	< 10	558
L3800E 4625N	241	229	1	0.01	3	360	50	< 2	< 1	22	0.01	< 10	< 10	25	< 10	544
L3800E 4650N	241	229	1	0.02	2	280	22	< 2	< 1	32	0.04	< 10	< 10	37	< 10	150
L3800E 4675N	241	229	1	0.03	6	410	16	< 2	2	38	0.09	< 10	< 10	71	< 10	166
L3800E 4700N	241	229	1	0.02	5	320	24	< 2	2	62	0.08	< 10	< 10	50	< 10	134
L3800E 4725N	241	229	1	0.02	4	460	20	< 2	1	90	0.06	< 10	< 10	40	< 10	130
L3800E 4750N	241	229	< 1	0.03	2	260	24	< 2	1	27	0.05	< 10	< 10	38	< 10	256
L3800E 4775N	241	229	3	0.02	7	720	108	< 2	1	44	0.07	< 10	< 10	57	< 10	298
L3800E 4800N	241	229	< 1	0.02	8	620	36	< 2	1	30	0.08	< 10	< 10	49	< 10	150
L3800E 4825N	241	229	1	0.02	4	320	30	< 2	1	36	0.06	< 10	< 10	41	< 10	116
L3800E 4850N	241	229	1	0.01	4	530	52	< 2	1	82	0.06	< 10	< 10	41	< 10	66
L3800E 4875N	241	229	< 1	0.03	10	570	38	< 2	3	58	0.09	< 10	< 10	49	< 10	294
L3800E 4900N	241	229	1	0.03	9	540	42	4	2	39	0.09	< 10	< 10	46	< 10	126
L3800E 4925N	241	229	4	0.03	4	460	176	2	1	119	0.03	< 10	< 10	41	< 10	80
L3800E 4950N	241	229	2	0.10	3	870	82	< 2	3	238	0.08	< 10	< 10	60	< 10	106
L3800E 4975N	241	229	4	0.04	2	450	30	< 2	1	103	0.02	< 10	< 10	28	< 10	30

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

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To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Page Number :2-A
 Total Pages :3
 Certificate Date: 07-OCT-93
 Invoice No. : I9322335
 P.O. Number :
 Account : BM

Project : SIWASH
 Comments :

CERTIFICATE OF ANALYSIS A9322335

SAMPLE	PREP CODE	Au ppb RUSH	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
L3800E 5000N	241 229	< 5	0.2	2.02	18	160	< 0.5	6	0.18	< 0.5	4	17	21	3.15	< 10	< 1	0.06	10	0.23	195
L50+00E 5000N	241 229	< 5	< 0.2	1.75	16	150	< 0.5	2	0.23	< 0.5	6	15	28	2.26	< 10	< 1	0.09	< 10	0.24	680
L50+00E 5025N	241 229	< 5	< 0.2	1.84	< 2	130	< 0.5	< 2	0.30	0.5	6	21	26	2.36	< 10	< 1	0.08	< 10	0.28	395
L50+00E 5050N	241 229	< 5	< 0.2	1.42	14	150	< 0.5	2	0.19	< 0.5	8	19	64	3.07	< 10	< 1	0.21	10	0.43	335
L50+00E 5075N	241 229	< 5	0.2	1.41	6	120	< 0.5	< 2	0.17	< 0.5	4	13	25	2.08	< 10	< 1	0.09	10	0.19	435
L50+00E 5100N	241 229	< 5	0.4	1.45	2	420	< 0.5	< 2	0.25	1.0	4	8	28	2.86	< 10	< 1	0.14	10	0.13	900
L50+00E 5125N	241 229	< 5	0.4	0.97	4	310	< 0.5	< 2	0.25	0.5	6	8	48	3.25	< 10	< 1	0.18	20	0.17	955
L50+00E 5150N	241 229	< 5	< 0.2	1.28	12	260	< 0.5	< 2	0.36	0.5	9	13	74	3.93	< 10	< 1	0.23	20	0.39	1015
L50+00E 5175N	241 229	< 5	0.4	1.45	6	300	< 0.5	< 2	0.75	0.5	8	20	94	2.52	< 10	< 1	0.16	30	0.33	1045
L50+00E 5200N	241 229	< 5	1.0	0.58	12	440	< 0.5	4	0.28	< 0.5	3	4	82	6.88	< 10	< 1	0.31	30	0.09	325
L50+00E 5225N	241 229	< 5	< 0.2	1.21	4	250	< 0.5	2	0.24	< 0.5	2	11	17	2.24	< 10	< 1	0.11	20	0.14	175
L50+00E 5250N	241 229	< 5	0.2	0.95	8	400	< 0.5	4	0.28	< 0.5	7	17	45	3.81	< 10	< 1	0.14	10	0.13	470
L50+00E 5275N	241 229	< 5	0.2	2.48	16	180	< 0.5	< 2	0.35	0.5	10	12	38	3.41	< 10	< 1	0.14	10	0.56	1050
L50+00E 5300N	241 229	< 5	0.4	1.59	6	490	< 0.5	2	0.56	1.0	11	10	68	4.32	< 10	< 1	0.19	10	0.47	1215
L50+00E 5325N	241 229	< 5	3.0	1.37	14	450	< 0.5	12	0.72	1.5	16	24	325	5.62	< 10	< 1	0.21	20	0.57	2290
L50+00E 5350N	241 229	< 5	1.4	1.65	22	340	< 0.5	12	0.72	< 0.5	16	15	483	5.44	< 10	< 1	0.23	20	0.58	2060
L50+00E 5375N	241 229	< 5	2.0	2.38	20	310	< 0.5	2	0.44	0.5	14	39	249	6.21	< 10	< 1	0.17	20	0.74	1295
L50+00E 5400N	241 229	< 5	< 0.2	1.50	8	160	< 0.5	< 2	0.23	< 0.5	3	7	12	2.00	< 10	< 1	0.04	< 10	0.12	870
L50+00E 5425N	241 229	< 5	0.2	1.14	14	130	< 0.5	< 2	0.43	< 0.5	6	23	18	1.85	< 10	< 1	0.06	10	0.38	490
L50+00E 5450N	241 229	< 5	< 0.2	1.23	< 2	110	< 0.5	< 2	0.23	< 0.5	4	16	15	1.72	< 10	< 1	0.07	< 10	0.23	235
L50+00E 5475N	241 229	< 5	< 0.2	1.14	2	80	< 0.5	< 2	0.31	< 0.5	4	21	14	1.78	< 10	< 1	0.06	< 10	0.26	205
L50+00E 5500N	241 229	< 5	< 0.2	1.54	< 2	70	< 0.5	< 2	0.20	< 0.5	3	15	12	1.55	< 10	< 1	0.04	< 10	0.18	255
NBL100E 025N	241 229	< 5	< 0.2	0.70	< 2	120	< 0.5	< 2	0.38	0.5	2	6	6	0.69	< 10	< 1	0.11	10	0.07	430
NBL100E 050N	241 229	< 5	< 0.2	1.11	< 2	120	< 0.5	< 2	0.19	< 0.5	1	10	6	1.16	< 10	< 1	0.07	10	0.12	205
NBL100E 075N	241 229	< 5	0.2	1.27	< 2	140	< 0.5	< 2	0.17	< 0.5	1	9	11	1.20	< 10	< 1	0.05	20	0.12	95
NBL100E 100N	241 229	< 5	< 0.2	0.77	< 2	120	< 0.5	< 2	0.13	< 0.5	< 1	5	3	0.75	< 10	< 1	0.07	10	0.06	80
NBL100E 125N	241 229	< 5	0.2	0.79	2	110	< 0.5	< 2	0.33	< 0.5	2	16	12	1.18	< 10	< 1	0.06	190	0.13	220
NBL100E 150N	241 229	< 5	0.4	1.06	< 2	100	< 0.5	< 2	0.22	< 0.5	2	11	9	1.28	< 10	< 1	0.06	30	0.11	110
LI50E 0+25N	241 229	< 5	< 0.2	0.89	6	90	< 0.5	< 2	0.21	< 0.5	2	11	8	1.32	< 10	< 1	0.07	10	0.14	135
LI50E 0+50N	241 229	< 5	< 0.2	0.90	< 2	110	< 0.5	< 2	0.20	< 0.5	< 1	6	3	0.88	< 10	< 1	0.11	10	0.07	40
LI50E 0+75N	241 229	< 5	< 0.2	1.33	< 2	110	< 0.5	< 2	0.11	< 0.5	1	4	3	0.94	< 10	< 1	0.11	20	0.07	70
LI50E 1+00N	241 229	< 5	0.2	1.22	< 2	100	< 0.5	< 2	0.12	< 0.5	2	3	3	1.12	< 10	< 1	0.07	10	0.05	125
LI50E 1+25N	241 229	< 5	< 0.2	1.21	< 2	120	< 0.5	4	0.20	< 0.5	3	12	7	1.45	< 10	< 1	0.04	10	0.14	120
LI50E 1+50N	241 229	< 5	< 0.2	1.05	4	110	< 0.5	< 2	0.22	< 0.5	3	12	9	1.40	< 10	< 1	0.06	10	0.16	85
LI50E 0+25S	241 229	< 5	< 0.2	0.91	< 2	160	< 0.5	< 2	0.19	< 0.5	1	4	2	0.91	< 10	< 1	0.07	70	0.03	140
LI50E 0+50S	241 229	< 5	0.2	1.46	< 2	110	< 0.5	< 2	0.12	< 0.5	2	9	4	1.26	< 10	< 1	0.03	10	0.08	105
LI50E 0+75S	241 229	< 5	0.2	0.79	< 2	150	< 0.5	< 2	0.13	< 0.5	2	2	5	0.91	< 10	< 1	0.14	10	0.04	320
LI50E 1+00S	241 229	< 5	< 0.2	1.33	< 2	150	< 0.5	< 2	0.15	< 0.5	1	5	6	1.26	< 10	< 1	0.08	10	0.09	440
LI50E 1+25S	241 229	< 5	0.2	1.16	2	150	< 0.5	< 2	0.19	< 0.5	2	10	8	1.52	< 10	< 1	0.10	10	0.15	230
LI50E 1+50S	241 229	< 5	< 0.2	1.44	2	170	< 0.5	< 2	0.21	< 0.5	3	12	9	1.52	< 10	< 1	0.08	10	0.18	285

CERTIFICATION:

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 Comments:

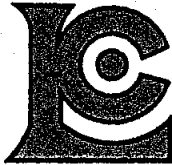
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 Account : BM

CERTIFICATE OF ANALYSIS

A9322335

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
L3800E 5000N	241 229	1	0.03	7	600	26	< 2	2	32	0.11	< 10	< 10	64	< 10	74
L50+00E 5000N	241 229	1	0.03	7	1030	24	< 2	2	20	0.09	< 10	< 10	54	< 10	314
L50+00E 5025N	241 229	< 1	0.03	10	1120	20	2	2	23	0.10	< 10	< 10	63	< 10	240
L50+00E 5050N	241 229	2	0.01	9	500	42	< 2	3	21	0.08	< 10	< 10	56	< 10	350
L50+00E 5075N	241 229	1	0.02	6	1340	42	< 2	2	15	0.05	< 10	< 10	41	< 10	344
L50+00E 5100N	241 229	1	0.03	4	2300	60	< 2	2	20	0.03	< 10	< 10	30	< 10	678
L50+00E 5125N	241 229	2	0.01	4	500	80	< 2	2	27	0.02	< 10	< 10	32	< 10	652
L50+00E 5150N	241 229	3	0.01	6	560	90	< 2	4	35	0.05	< 10	< 10	57	< 10	798
L50+00E 5175N	241 229	< 1	0.02	10	730	40	< 2	3	68	0.06	< 10	< 10	50	< 10	358
L50+00E 5200N	241 229	10	0.01	2	610	566	< 2	2	46	< 0.01	< 10	< 10	18	< 10	676
L50+00E 5225N	241 229	1	0.02	5	360	26	< 2	1	20	0.03	< 10	< 10	39	< 10	258
L50+00E 5250N	241 229	2	0.02	10	450	110	< 2	2	28	0.03	< 10	< 10	50	< 10	596
L50+00E 5275N	241 229	1	0.03	6	830	178	< 2	7	25	0.09	< 10	< 10	75	< 10	694
L50+00E 5300N	241 229	2	0.02	5	820	182	2	8	32	0.02	< 10	< 10	69	< 10	752
L50+00E 5325N	241 229	4	0.01	10	1180	230	< 2	15	41	0.01	< 10	< 10	97	< 10	960
L50+00E 5350N	241 229	2	0.01	8	970	120	2	11	38	0.02	< 10	< 10	84	< 10	486
L50+00E 5375N	241 229	2	0.02	18	730	156	< 2	11	26	0.02	< 10	< 10	100	< 10	912
L50+00E 5400N	241 229	< 1	0.06	1	2310	8	< 2	1	16	0.09	< 10	< 10	49	< 10	170
L50+00E 5425N	241 229	2	0.02	9	540	6	< 2	2	31	0.07	< 10	< 10	51	< 10	56
L50+00E 5450N	241 229	< 1	0.02	7	1050	16	< 2	2	15	0.06	< 10	< 10	45	< 10	82
L50+00E 5475N	241 229	< 1	0.02	8	510	8	< 2	2	21	0.09	< 10	< 10	57	< 10	38
L50+00E 5500N	241 229	< 1	0.02	7	1040	6	< 2	1	15	0.08	< 10	< 10	42	< 10	62
NBL100E 025N	241 229	1	0.02	1	480	16	< 2	< 1	62	0.02	< 10	< 10	16	< 10	92
NBL100E 050N	241 229	1	0.01	2	440	18	< 2	< 1	28	0.03	< 10	< 10	29	< 10	120
NBL100E 075N	241 229	1	0.03	3	270	22	< 2	1	37	0.04	< 10	< 10	27	< 10	186
NBL100E 100N	241 229	< 1	0.02	2	130	18	< 2	< 1	27	0.02	< 10	< 10	15	< 10	102
NBL100E 125N	241 229	1	0.01	3	170	36	< 2	2	89	0.03	10	< 10	26	< 10	258
NBL100E 150N	241 229	< 1	0.02	4	150	24	< 2	1	52	0.06	< 10	< 10	32	< 10	176
LI50E 0+25N	241 229	< 1	0.02	3	330	22	< 2	1	39	0.06	< 10	< 10	37	< 10	128
LI50E 0+50N	241 229	< 1	0.01	1	190	12	< 2	< 1	43	0.02	< 10	< 10	17	< 10	48
LI50E 0+75N	241 229	1	0.01	2	190	18	< 2	< 1	20	0.01	< 10	< 10	17	< 10	64
LI50E 1+00N	241 229	1	0.03	2	240	12	< 2	< 1	21	0.03	< 10	< 10	24	< 10	72
LI50E 1+25N	241 229	< 1	0.02	5	490	18	< 2	< 1	37	0.05	< 10	< 10	39	< 10	178
LI50E 1+50N	241 229	1	0.02	4	130	20	< 2	1	61	0.06	< 10	< 10	37	< 10	128
LI50E 0+25S	241 229	< 1	0.01	1	200	14	< 2	< 1	89	0.01	< 10	< 10	17	< 10	42
LI50E 0+50S	241 229	< 1	0.03	3	440	12	< 2	< 1	16	0.07	< 10	< 10	30	< 10	92
LI50E 0+75S	241 229	2	0.01	< 1	390	22	< 2	< 1	19	0.01	< 10	< 10	9	< 10	52
LI50E 1+00S	241 229	< 1	0.02	2	340	22	< 2	< 1	23	0.03	< 10	< 10	25	< 10	166
LI50E 1+25S	241 229	< 1	0.02	3	390	24	< 2	1	31	0.05	< 10	< 10	33	< 10	250
LI50E 1+50S	241 229	< 1	0.02	5	410	36	< 2	1	35	0.06	< 10	< 10	36	< 10	430

CERTIFICATION: *Hart Buehler*



Chemex Labs Ltd.

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

To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project : SIWASH
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CERTIFICATE OF ANALYSIS

A9322335

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			RUSH	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
NB BL 000-1-50E	241	229	< 5	< 0.2	1.40	< 2	130	< 0.5	< 2	0.28	< 0.5	4	17	17	1.81	< 10	< 1	0.08	20	0.29	145

CERTIFICATION: _____

Handwritten signature



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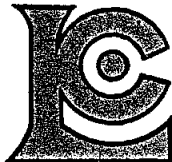
CERTIFICATE OF ANALYSIS

A9322335

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
NB BL 000-1-50E	241	229	1	0.02	6	470	30	< 2	1	46	0.08	< 10	< 10	49	< 10	154

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
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V6B 1N4

A9322528

Comments:

CERTIFICATE

A9322528

PAMICON DEVELOPMENTS LIMITED

Project: SIWASH
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
241	64	RUSH: Dry, sieve to -80 mesh
229	64	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
990	64	Au ppb: RUSH, fuse 10 g sample	FA-AAS	5	10000
2118	64	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	64	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	64	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	64	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	64	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	64	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	64	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	64	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	64	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	64	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	64	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	64	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	64	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	64	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	64	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	64	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	64	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	64	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	64	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	64	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	64	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	64	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	64	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	64	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	64	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	64	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	64	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	64	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	64	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	64	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	64	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	64	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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CERTIFICATE OF ANALYSIS A9322528

SAMPLE	PREP CODE	Au ppb RUSH	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
L4600E 4000N	241 229	< 5	2.2	0.59	18	200	< 0.5	8	0.11	< 0.5	< 1	8	34	3.83	10	< 1	0.58	100	0.08	55
L4600E 4025N	241 229	< 5	2.0	1.50	< 2	310	< 0.5	4	0.19	1.0	3	15	45	3.25	10	< 1	0.30	130	0.16	290
L4600E 4050N	241 229	30	2.2	1.30	4	300	< 0.5	2	0.48	1.5	9	40	113	4.53	30	< 1	0.31	190	0.40	1365
L4600E 4075N	241 229	< 5	< 0.2	1.24	2	110	< 0.5	< 2	0.76	< 0.5	8	23	25	2.50	10	< 1	0.09	10	0.48	575
L4600E 4100N	241 229	< 5	< 0.2	1.16	6	150	< 0.5	2	0.66	< 0.5	9	22	34	2.47	10	< 1	0.10	10	0.45	930
L4600E 4125N	241 229	< 5	< 0.2	1.39	< 2	180	< 0.5	2	0.54	< 0.5	9	26	38	2.43	10	< 1	0.07	30	0.46	520
L4600E 4150N	241 229	< 5	0.2	2.35	4	340	< 0.5	2	0.29	< 0.5	10	20	52	2.56	10	< 1	0.26	10	0.57	475
L4600E 4175N	241 229	< 5	< 0.2	2.17	< 2	140	< 0.5	2	0.25	< 0.5	9	23	44	2.40	10	< 1	0.10	< 10	0.44	570
L4600E 4200N	241 229	< 5	< 0.2	2.09	4	110	< 0.5	< 2	0.18	< 0.5	7	16	25	1.95	10	< 1	0.05	< 10	0.27	310
L4600E 4225N	241 229	< 5	< 0.2	1.52	< 2	90	< 0.5	< 2	0.22	< 0.5	5	17	17	1.56	< 10	< 1	0.05	< 10	0.24	360
L4600E 4250N	241 229	< 5	< 0.2	1.26	< 2	110	< 0.5	< 2	0.28	< 0.5	6	22	20	1.85	< 10	< 1	0.06	< 10	0.29	235
L4600E 4275N	241 229	< 5	< 0.2	1.46	< 2	90	< 0.5	< 2	0.21	< 0.5	4	15	17	1.65	< 10	< 1	0.04	< 10	0.20	210
L4600E 4300N	241 229	< 5	< 0.2	1.28	< 2	110	< 0.5	2	0.31	< 0.5	6	26	22	1.95	< 10	< 1	0.09	< 10	0.33	190
L4600E 4325N	241 229	< 5	< 0.2	1.04	2	110	< 0.5	< 2	0.27	< 0.5	5	17	14	1.74	< 10	< 1	0.09	< 10	0.25	195
L4600E 4350N	241 229	< 5	< 0.2	1.03	< 2	100	< 0.5	2	0.28	< 0.5	5	23	13	1.72	< 10	< 1	0.11	< 10	0.30	210
L4600E 4375N	241 229	10	< 0.2	0.94	< 2	80	< 0.5	< 2	0.32	< 0.5	6	22	14	1.83	< 10	< 1	0.10	10	0.27	245
L4600E 4400N	241 229	< 5	< 0.2	0.99	< 2	100	< 0.5	< 2	0.32	< 0.5	6	21	14	1.83	< 10	< 1	0.08	< 10	0.29	175
L4600E 4425N	241 229	< 5	< 0.2	1.01	< 2	90	< 0.5	< 2	0.37	< 0.5	6	20	16	1.91	< 10	< 1	0.10	< 10	0.29	300
L4600E 4450N	241 229	< 5	< 0.2	2.04	< 2	160	< 0.5	< 2	0.23	< 0.5	7	18	27	1.94	< 10	< 1	0.08	< 10	0.27	300
L4600E 4475N	241 229	< 5	< 0.2	1.44	< 2	150	< 0.5	< 2	0.32	< 0.5	9	27	23	2.47	< 10	< 1	0.13	10	0.42	325
L4600E 4500N	241 229	< 5	< 0.2	1.14	2	110	< 0.5	< 2	0.34	< 0.5	7	24	23	2.37	< 10	< 1	0.13	10	0.42	250
L4600E 4525N	241 229	< 5	< 0.2	1.02	2	80	< 0.5	< 2	0.43	< 0.5	7	23	27	2.18	< 10	< 1	0.12	10	0.38	235
L4600E 4550N	241 229	5	< 0.2	1.31	< 2	120	< 0.5	< 2	0.46	< 0.5	8	25	29	2.47	< 10	< 1	0.11	< 10	0.44	220
L4600E 4575N	241 229	25	< 0.2	1.15	< 2	100	< 0.5	< 2	0.43	< 0.5	6	23	24	2.13	< 10	< 1	0.08	< 10	0.34	210
L5000E 4000N	241 229	< 5	0.2	1.95	< 2	130	< 0.5	< 2	0.19	< 0.5	4	13	19	1.84	10	< 1	0.07	10	0.20	415
L5000E 4025N	241 229	< 5	< 0.2	2.30	< 2	200	< 0.5	< 2	0.33	< 0.5	10	26	37	2.62	10	< 1	0.11	10	0.53	370
L5000E 4050N	241 229	20	< 0.2	1.26	< 2	100	< 0.5	< 2	0.24	< 0.5	5	18	13	1.88	10	< 1	0.09	10	0.25	240
L5000E 4075N	241 229	25	1.8	2.53	8	270	< 0.5	2	0.52	0.5	8	31	130	2.84	20	< 1	0.12	140	0.32	905
L5000E 4100N	241 229	< 5	0.6	2.31	2	130	< 0.5	< 2	0.23	< 0.5	4	15	22	2.11	10	< 1	0.06	10	0.19	375
L5000E 4125N	241 229	20	< 0.2	1.39	< 2	140	< 0.5	< 2	0.24	< 0.5	4	15	17	1.82	10	< 1	0.07	10	0.19	230
L5000E 4150N	241 229	< 5	< 0.2	0.83	< 2	70	< 0.5	< 2	0.36	< 0.5	6	18	20	2.07	10	< 1	0.14	10	0.29	285
L5000E 4175N	241 229	< 5	< 0.2	1.62	< 2	110	< 0.5	< 2	0.25	< 0.5	6	16	17	1.89	10	< 1	0.06	< 10	0.19	280
L5000E 4200N	241 229	< 5	< 0.2	1.09	< 2	100	< 0.5	< 2	0.21	< 0.5	5	13	13	1.52	< 10	< 1	0.06	< 10	0.18	210
L5000E 4225N	241 229	< 5	< 0.2	0.88	2	90	< 0.5	< 2	0.55	< 0.5	4	19	30	1.66	< 10	< 1	0.10	10	0.29	255
L5000E 4250N	241 229	50	< 0.2	1.50	< 2	160	< 0.5	< 2	0.27	< 0.5	5	16	21	1.81	< 10	< 1	0.08	< 10	0.24	240
L5000E 4275N	241 229	< 5	< 0.2	0.89	< 2	100	< 0.5	< 2	0.31	< 0.5	4	19	17	1.75	< 10	< 1	0.08	< 10	0.22	165
L5000E 4300N	241 229	< 5	< 0.2	0.84	< 2	80	< 0.5	< 2	0.27	< 0.5	4	15	11	1.46	< 10	< 1	0.08	< 10	0.20	135
L5000E 4325N	241 229	< 5	< 0.2	1.09	< 2	130	< 0.5	2	0.36	< 0.5	5	21	26	1.66	10	< 1	0.12	10	0.25	260
L5000E 4350N	241 229	< 5	< 0.2	0.96	< 2	100	< 0.5	< 2	0.34	< 0.5	4	18	15	1.60	< 10	< 1	0.09	< 10	0.22	205
L5000E 4375N	241 229	< 5	< 0.2	1.34	< 2	130	< 0.5	< 2	0.45	< 0.5	5	19	17	1.88	10	< 1	0.09	< 10	0.26	200

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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 212 Brooksbank Ave., North Vancouver
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To: PAMICON DEVELOPMENTS LIMITED

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A9322528

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L4600E 4000N	241	229	6	0.02	1	710	330	< 2	1	248	0.01	< 10	< 10	14	< 10	204
L4600E 4025N	241	229	2	0.02	4	760	542	< 2	1	89	0.02	< 10	< 10	32	< 10	1740
L4600E 4050N	241	229	3	0.03	8	1020	198	< 2	5	104	0.08	< 10	< 10	98	< 10	2080
L4600E 4075N	241	229	< 1	0.03	9	900	24	< 2	4	47	0.10	< 10	< 10	77	< 10	144
L4600E 4100N	241	229	< 1	0.02	10	930	48	< 2	3	41	0.05	< 10	< 10	59	< 10	196
L4600E 4125N	241	229	< 1	0.02	10	570	42	< 2	4	48	0.07	< 10	< 10	61	< 10	128
L4600E 4150N	241	229	< 1	0.02	13	1150	24	< 2	4	26	0.11	< 10	< 10	58	< 10	218
L4600E 4175N	241	229	< 1	0.02	11	1480	16	< 2	3	18	0.08	< 10	< 10	60	< 10	128
L4600E 4200N	241	229	< 1	0.02	8	1300	14	< 2	3	12	0.08	< 10	< 10	47	< 10	104
L4600E 4225N	241	229	< 1	0.01	7	1050	8	< 2	2	15	0.06	< 10	< 10	37	< 10	66
L4600E 4250N	241	229	< 1	0.01	8	740	8	< 2	2	17	0.07	< 10	< 10	50	< 10	52
L4600E 4275N	241	229	< 1	0.02	7	1040	6	< 2	2	14	0.07	< 10	< 10	41	< 10	64
L4600E 4300N	241	229	< 1	0.01	11	740	6	< 2	2	18	0.08	< 10	< 10	52	< 10	74
L4600E 4325N	241	229	< 1	0.01	8	700	10	< 2	2	17	0.07	< 10	< 10	44	< 10	60
L4600E 4350N	241	229	< 1	0.01	9	580	8	< 2	2	17	0.07	< 10	< 10	45	< 10	58
L4600E 4375N	241	229	< 1	0.01	8	770	14	< 2	2	20	0.07	< 10	< 10	49	< 10	46
L4600E 4400N	241	229	< 1	0.01	8	570	8	< 2	2	21	0.08	< 10	< 10	50	< 10	52
L4600E 4425N	241	229	< 1	0.01	9	830	10	< 2	2	23	0.07	< 10	< 10	51	< 10	50
L4600E 4450N	241	229	< 1	0.03	12	1660	10	< 2	2	17	0.09	< 10	< 10	42	< 10	128
L4600E 4475N	241	229	< 1	0.02	12	660	14	< 2	3	24	0.11	< 10	< 10	66	< 10	104
L4600E 4500N	241	229	< 1	0.01	11	650	14	< 2	3	21	0.09	< 10	< 10	64	< 10	72
L4600E 4525N	241	229	< 1	0.01	10	770	8	< 2	3	26	0.09	< 10	< 10	63	< 10	42
L4600E 4550N	241	229	< 1	0.02	10	740	8	< 2	3	30	0.11	< 10	< 10	73	< 10	48
L4600E 4575N	241	229	< 1	0.02	10	910	4	< 2	3	27	0.09	< 10	< 10	63	< 10	40
L5000E 4000N	241	229	< 1	0.02	9	1190	112	< 2	2	17	0.08	< 10	< 10	41	< 10	358
L5000E 4025N	241	229	< 1	0.02	16	970	102	< 2	3	26	0.12	< 10	< 10	67	< 10	308
L5000E 4050N	241	229	< 1	0.01	8	690	42	< 2	2	18	0.08	< 10	< 10	46	< 10	156
L5000E 4075N	241	229	1	0.02	12	570	160	2	7	51	0.07	< 10	< 10	52	< 10	906
L5000E 4100N	241	229	< 1	0.03	7	1670	224	< 2	2	20	0.09	< 10	< 10	47	< 10	516
L5000E 4125N	241	229	< 1	0.02	6	900	20	< 2	2	19	0.08	< 10	< 10	44	< 10	154
L5000E 4150N	241	229	< 1	0.02	7	360	16	< 2	3	25	0.10	< 10	< 10	64	< 10	56
L5000E 4175N	241	229	< 1	0.02	7	1230	8	< 2	2	18	0.08	< 10	< 10	47	< 10	96
L5000E 4200N	241	229	< 1	0.02	7	680	8	< 2	1	14	0.06	< 10	< 10	37	< 10	76
L5000E 4225N	241	229	< 1	0.02	7	840	12	< 2	3	30	0.04	< 10	< 10	45	< 10	48
L5000E 4250N	241	229	< 1	0.02	8	1120	12	< 2	2	19	0.06	< 10	< 10	40	< 10	98
L5000E 4275N	241	229	< 1	0.02	7	230	8	< 2	2	19	0.07	< 10	< 10	45	< 10	64
L5000E 4300N	241	229	< 1	0.02	6	340	8	< 2	1	17	0.06	< 10	< 10	37	< 10	46
L5000E 4325N	241	229	< 1	0.02	8	350	16	< 2	3	22	0.08	< 10	< 10	38	< 10	56
L5000E 4350N	241	229	< 1	0.02	7	270	16	< 2	2	20	0.08	< 10	< 10	39	< 10	56
L5000E 4375N	241	229	< 1	0.03	9	220	12	< 2	2	28	0.09	< 10	< 10	45	< 10	58

CERTIFICATION: *Hart Beckler*



Chemex Labs Ltd.

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

To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project : SIWASH
Comments:

Page Number :2-A
Total Pages :2
Certificate Date: 14-OCT-93
Invoice No. :19322528
P.O. Number :
Account :BM

CERTIFICATE OF ANALYSIS

A9322528

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			RUSH																		
L5000E 4400N	241	229	35	< 0.2	0.90	< 2	90	< 0.5	< 2	0.32	< 0.5	4	16	16	1.81	< 10	< 1	0.07	< 10	0.23	190
L5000E 4425N	241	229	< 5	0.2	0.96	< 2	100	< 0.5	< 2	0.31	< 0.5	5	21	16	2.01	< 10	< 1	0.10	< 10	0.26	200
L5000E 4450N	241	229	< 5	< 0.2	1.15	< 2	100	< 0.5	< 2	0.27	< 0.5	6	20	15	1.99	< 10	< 1	0.06	< 10	0.24	230
L5000E 4475N	241	229	< 5	0.2	1.08	< 2	110	< 0.5	< 2	0.32	< 0.5	6	22	13	2.06	< 10	< 1	0.08	< 10	0.27	220
L5000E 4500N	241	229	< 5	0.2	1.32	< 2	150	< 0.5	< 2	0.45	< 0.5	7	21	33	1.85	10	< 1	0.10	< 10	0.34	540
L5000E 4525N	241	229	< 5	< 0.2	0.82	< 2	90	< 0.5	2	0.27	< 0.5	4	16	16	1.63	< 10	< 1	0.08	< 10	0.21	130
L5000E 4550N	241	229	< 5	< 0.2	1.55	< 2	120	< 0.5	< 2	0.24	< 0.5	7	16	26	1.86	< 10	< 1	0.07	< 10	0.30	415
L5000E 4575N	241	229	< 5	< 0.2	1.44	< 2	130	< 0.5	< 2	0.21	< 0.5	6	15	14	1.72	< 10	< 1	0.06	< 10	0.22	205
L5000E 4600N	241	229	< 5	< 0.2	1.03	4	80	< 0.5	2	0.27	< 0.5	6	20	24	1.94	< 10	< 1	0.07	< 10	0.35	195
L5000E 4625N	241	229	< 5	< 0.2	1.06	2	120	< 0.5	< 2	0.32	< 0.5	6	18	23	1.57	< 10	< 1	0.10	10	0.30	230
L5000E 4650N	241	229	< 5	< 0.2	0.91	< 2	80	< 0.5	< 2	0.28	< 0.5	6	15	14	1.73	< 10	< 1	0.09	< 10	0.25	230
L5000E 4675N	241	229	< 5	0.2	1.48	< 2	120	< 0.5	< 2	0.38	< 0.5	8	27	51	2.26	10	< 1	0.12	10	0.49	305
L5000E 4700N	241	229	< 5	< 0.2	1.24	< 2	120	< 0.5	2	0.28	< 0.5	7	21	25	2.09	< 10	< 1	0.11	< 10	0.33	260
L5000E 4725N	241	229	< 5	0.2	1.77	2	120	< 0.5	< 2	0.24	< 0.5	8	17	22	1.81	10	< 1	0.08	< 10	0.36	500
L5000E 4750N	241	229	< 5	< 0.2	0.49	< 2	40	< 0.5	< 2	0.26	< 0.5	3	17	9	1.50	< 10	< 1	0.07	< 10	0.17	145
L5000E 4775N	241	229	< 5	< 0.2	0.60	< 2	50	< 0.5	< 2	0.30	< 0.5	4	18	14	1.55	< 10	< 1	0.09	10	0.24	205
L5000E 4800N	241	229	< 5	< 0.2	0.70	< 2	50	< 0.5	< 2	0.28	< 0.5	4	16	9	1.98	< 10	< 1	0.15	< 10	0.31	230
L5000E 4825N	241	229	< 5	0.2	1.13	< 2	120	< 0.5	< 2	0.25	< 0.5	4	15	17	1.76	< 10	< 1	0.11	10	0.23	205
L5000E 4850N	241	229	< 5	< 0.2	0.84	< 2	80	< 0.5	< 2	0.32	< 0.5	4	20	14	1.85	< 10	< 1	0.12	10	0.27	215
L5000E 4875N	241	229	< 5	< 0.2	1.54	6	150	< 0.5	< 2	0.54	< 0.5	12	28	60	2.91	10	< 1	0.17	10	0.51	620
L5000E 4900N	241	229	10	< 0.2	1.63	< 2	170	< 0.5	< 2	0.22	< 0.5	5	19	21	1.87	< 10	< 1	0.09	< 10	0.25	215
L5000E 4925N	241	229	< 5	0.2	1.27	< 2	150	< 0.5	< 2	0.23	< 0.5	4	14	21	1.83	< 10	< 1	0.11	< 10	0.22	290
L5000E 4950N	241	229	< 5	0.4	0.89	< 2	110	< 0.5	< 2	0.37	< 0.5	6	24	38	2.29	< 10	< 1	0.14	10	0.34	315
L5000E 4975N	241	229	< 5	0.4	1.61	2	110	< 0.5	< 2	0.16	< 0.5	4	14	23	1.67	< 10	< 1	0.05	< 10	0.18	440

CERTIFICATION: *Hart Buchler*



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To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

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Page Number :2-B
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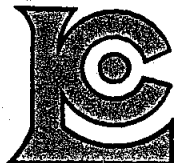
CERTIFICATE OF ANALYSIS

A9322528

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L5000E 4400N	241	229	< 1	0.01	7	580	8	< 2	2	18	0.06	< 10	< 10	47	< 10	56
L5000E 4425N	241	229	< 1	0.01	8	510	14	< 2	2	20	0.08	< 10	< 10	52	< 10	70
L5000E 4450N	241	229	< 1	0.01	8	810	10	< 2	2	16	0.07	< 10	< 10	53	< 10	60
L5000E 4475N	241	229	< 1	0.02	7	620	10	< 2	2	21	0.08	< 10	< 10	57	< 10	50
L5000E 4500N	241	229	< 1	0.02	10	250	14	< 2	3	32	0.09	< 10	< 10	45	< 10	64
L5000E 4525N	241	229	< 1	0.01	7	660	14	< 2	1	19	0.06	< 10	< 10	40	< 10	68
L5000E 4550N	241	229	< 1	0.02	10	1280	12	< 2	2	16	0.06	< 10	< 10	44	< 10	96
L5000E 4575N	241	229	< 1	0.02	9	880	8	< 2	2	15	0.07	< 10	< 10	43	< 10	72
L5000E 4600N	241	229	< 1	0.01	8	610	6	< 2	2	16	0.07	< 10	< 10	54	< 10	36
L5000E 4625N	241	229	< 1	0.02	9	150	18	< 2	2	26	0.09	< 10	< 10	42	< 10	52
L5000E 4650N	241	229	< 1	0.01	8	840	12	< 2	1	17	0.06	< 10	< 10	44	< 10	58
L5000E 4675N	241	229	< 1	0.02	14	420	10	< 2	4	29	0.09	< 10	< 10	58	< 10	106
L5000E 4700N	241	229	< 1	0.02	10	790	18	< 2	2	22	0.07	< 10	< 10	49	< 10	120
L5000E 4725N	241	229	< 1	0.02	12	1380	4	< 2	2	16	0.07	< 10	< 10	42	< 10	138
L5000E 4750N	241	229	< 1	0.01	4	470	16	< 2	1	14	0.04	< 10	< 10	40	< 10	26
L5000E 4775N	241	229	< 1	0.01	6	480	16	< 2	2	19	0.05	< 10	< 10	42	< 10	34
L5000E 4800N	241	229	< 1	0.01	6	560	14	< 2	2	16	0.07	< 10	< 10	46	< 10	48
L5000E 4825N	241	229	< 1	0.02	7	620	18	< 2	2	22	0.07	< 10	< 10	40	< 10	196
L5000E 4850N	241	229	< 1	0.01	7	400	18	< 2	2	24	0.09	< 10	< 10	49	< 10	62
L5000E 4875N	241	229	1	0.01	11	650	68	< 2	6	42	0.10	< 10	< 10	62	< 10	398
L5000E 4900N	241	229	< 1	0.01	9	1000	28	< 2	1	16	0.06	< 10	< 10	39	< 10	324
L5000E 4925N	241	229	< 1	0.02	6	690	30	< 2	1	16	0.06	< 10	< 10	37	< 10	232
L5000E 4950N	241	229	< 1	0.01	7	390	32	< 2	4	21	0.07	< 10	< 10	54	< 10	172
L5000E 4975N	241	229	< 1	0.02	6	1040	24	< 2	2	12	0.06	< 10	< 10	35	< 10	208

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9322510

Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE

A9322510

INTERNATIONAL TOWER HILL MINES

Project: SIWASH MOSS MATTE
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-OCT-93.

SAMPLE PREPARATION

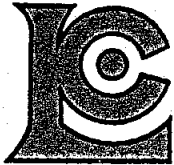
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	9	Dry, sieve to -80 mesh
220	9	Transferring charge
229	9	ICP - AQ Digestion charge

* 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, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	9	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	9	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	9	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	9	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	9	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	9	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	9	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	9	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	9	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	9	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	9	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	9	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	9	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	9	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	9	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	9	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	9	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	9	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	9	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	9	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	9	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	9	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	9	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	9	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	9	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	9	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	9	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	9	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	9	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	9	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	9	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	9	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	9	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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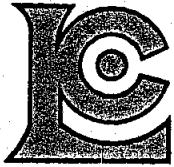
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 P.O. Number :
 Account :KAR

Project : SIWASH MOSS MATTE
 Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS A9322510

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
460563	201	220	155	0.4	0.76	6	140	< 0.5	< 2	0.52	< 0.5	6	33	31	3.37	< 10	< 1	0.09	10	0.26	555
460570	201	220	190	< 0.2	0.82	2	140	< 0.5	< 2	0.60	< 0.5	6	89	27	3.36	< 10	< 1	0.15	10	0.29	585
460574	201	220	120	< 0.2	0.86	4	180	< 0.5	< 2	0.58	< 0.5	6	66	25	2.67	< 10	< 1	0.13	10	0.30	810
460576	201	220	15	< 0.2	0.86	< 2	110	< 0.5	< 2	0.60	0.5	6	84	21	3.34	< 10	< 1	0.12	10	0.31	530
460580	201	220	105	2.2	0.69	< 2	80	< 0.5	< 2	0.50	< 0.5	4	31	15	3.36	< 10	< 1	0.06	10	0.24	415
460584	201	220	< 5	< 0.2	0.79	< 2	80	< 0.5	< 2	0.54	< 0.5	4	30	17	2.97	< 10	< 1	0.07	10	0.27	445
460586	201	220	20	0.4	0.97	< 2	100	< 0.5	< 2	0.56	< 0.5	6	33	47	4.47	10	< 1	0.10	60	0.22	425
460588	201	220	< 5	2.2	2.09	8	260	1.0	< 2	0.98	1.0	3	30	156	2.25	20	< 1	0.19	170	0.29	825
460590	201	220	< 5	1.2	1.99	< 2	180	< 0.5	< 2	0.74	0.5	4	29	111	2.87	< 10	< 1	0.13	20	0.32	535

CERTIFICATION: *Hart Bickler*



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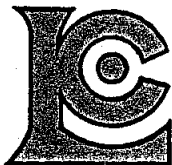
CERTIFICATE OF ANALYSIS

A9322510

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
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460563	201	220	< 1	0.01	8	810	84	< 2	2	37	0.07	< 10	< 10	100	< 10	234
460570	201	220	< 1	0.04	9	810	40	2	2	43	0.08	< 10	< 10	101	< 10	198
460574	201	220	< 1	0.03	9	760	28	< 2	2	45	0.07	< 10	< 10	77	< 10	246
460576	201	220	< 1	0.04	10	760	18	4	2	40	0.08	< 10	< 10	104	< 10	76
460580	201	220	< 1	0.01	8	900	14	< 2	2	30	0.07	< 10	< 10	106	10	64
460584	201	220	< 1	0.01	9	840	12	2	2	34	0.08	< 10	< 10	92	< 10	62
460586	201	220	< 1	0.01	7	800	58	2	3	40	0.08	< 10	< 10	130	10	456
460588	201	220	1	0.01	12	1000	180	2	5	88	0.03	< 10	10	44	< 10	948
460590	201	220	1	0.01	13	870	26	2	5	53	0.06	< 10	< 10	68	< 10	344

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V6B 1N4

A9322508

Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE

A9322508

INTERNATIONAL TOWER HILL MINES

Project: SIWASH SILT
P.O.#:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	9	Dry, sieve to -80 mesh
220	9	Transferring charge
229	9	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	9	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	9	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	9	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	9	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	9	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	9	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	9	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	9	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	9	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	9	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	9	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	9	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	9	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	9	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	9	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	9	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	9	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	9	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	9	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	9	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	9	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	9	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	9	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	9	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	9	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	9	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	9	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	9	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	9	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	9	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	9	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	9	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	9	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

To: INTERNATIONAL TOWER HILL MINES **
 c/o PAMICON DEVELOPMENTS LIMITED
 711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

Page Number :1-A
 Total Pages :1
 Certificate Date: 15-OCT-93
 Invoice No. :I9322508
 P.O. Number :
 Account :KAR

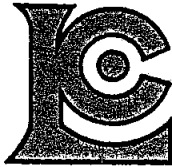
Project : SIWASH SILT
 Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE OF ANALYSIS A9322508

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
460565	201	220	< 5	0.2	0.90	2	150	< 0.5	< 2	0.54	< 0.5	6	27	27	2.75	10	< 1	0.09	10	0.30	550
460568	201	220	< 5	0.6	0.86	< 2	160	< 0.5	< 2	0.55	< 0.5	5	25	27	2.48	10	< 1	0.09	10	0.29	455
460571	201	220	< 5	0.2	0.74	< 2	140	< 0.5	2	0.51	< 0.5	6	19	23	1.98	10	< 1	0.09	10	0.28	510
460572	201	220	< 5	0.2	0.79	4	170	< 0.5	< 2	0.48	< 0.5	5	20	23	2.06	10	< 1	0.07	10	0.27	675
460577	201	220	< 5	< 0.2	0.88	< 2	100	< 0.5	< 2	0.53	< 0.5	6	22	20	1.83	10	< 1	0.07	10	0.31	435
460579	201	220	< 5	0.2	1.04	< 2	120	< 0.5	< 2	0.59	< 0.5	5	25	26	2.08	10	< 1	0.07	10	0.35	480
460583	201	220	< 5	0.2	1.15	< 2	130	< 0.5	< 2	0.67	< 0.5	6	23	24	1.97	10	< 1	0.06	10	0.36	575
460587	201	220	< 5	0.4	0.84	< 2	90	< 0.5	< 2	0.53	< 0.5	4	19	42	1.80	10	< 1	0.09	40	0.22	390
460591	201	220	< 5	1.0	1.92	< 2	170	< 0.5	< 2	0.68	< 0.5	6	26	87	3.06	10	< 1	0.09	30	0.32	865

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

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To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
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**

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Project : SIWASH SILT
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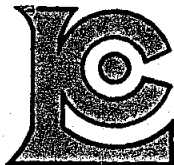
CERTIFICATE OF ANALYSIS

A9322508

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460565	201	220	2	0.01	9	770	62	2	3	40	0.08	< 10	< 10	77	< 10	310
460568	201	220	1	0.01	8	780	40	< 2	2	41	0.06	< 10	< 10	67	< 10	270
460571	201	220	1	0.01	10	850	22	4	2	36	0.06	< 10	< 10	53	< 10	178
460572	201	220	< 1	0.01	9	660	20	6	2	38	0.06	< 10	< 10	56	< 10	226
460577	201	220	2	0.02	8	690	6	2	2	35	0.06	< 10	< 10	51	< 10	78
460579	201	220	1	0.02	10	760	4	2	3	39	0.08	< 10	< 10	59	< 10	76
460583	201	220	2	0.02	10	780	12	< 2	3	46	0.08	< 10	< 10	56	< 10	78
460587	201	220	1	0.02	8	790	44	2	2	37	0.07	< 10	< 10	47	< 10	342
460591	201	220	1	0.02	12	730	42	4	4	49	0.09	< 10	< 10	80	< 10	402

CERTIFICATION:

Janet Beckler



Chemex Labs Ltd.

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

To: INTERNATIONAL TOWER HILL MINES
c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

A9322507

Comments: CC: PAMICON DEVELOPMENTS

CERTIFICATE

A9322507

INTERNATIONAL TOWER HILL MINES

Project: SIWASH ROCKS
P.O.#:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	3	Geochem ring to approx 150 mesh
274	3	0-15 lb crush and split
229	3	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	3	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	3	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	3	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	3	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	3	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	3	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	3	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	3	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	3	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	3	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	3	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	3	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	3	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	3	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	3	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	3	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	3	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	3	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	3	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	3	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	3	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	3	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	3	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	3	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	3	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	3	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	3	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	3	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	3	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	3	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	3	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	3	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	3	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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c/o PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
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V6B 1N4

Project: SIWASH ROCKS
Comments: CC: PAMICON DEVELOPMENTS

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Total Pages :1
Certificate Date: 15-OCT-93
Invoice No. :I9322507
P.O. Number :
Account :KAR

CERTIFICATE OF ANALYSIS

A9322507

SAMPLE	PREP		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
460562	205	274	195	40.0	0.29	< 2	440	< 0.5	20	0.08	< 0.5	1	38	150	>15.00	20	< 1	0.25	< 10	0.02	30
460566	205	274	< 5	0.2	0.42	< 2	90	< 0.5	< 2	0.09	< 0.5	1	162	4	1.27	< 10	< 1	0.21	10	0.03	220
460581	205	274	< 5	5.6	0.57	< 2	560	< 0.5	4	0.03	< 0.5	5	173	34	5.50	20	< 1	0.47	110	0.03	965

CERTIFICATION:

Hart Buehler



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212 Brooksbank Ave., North Vancouver
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Invoice No. :I9322507
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Account :KAR

CERTIFICATE OF ANALYSIS

A9322507

SAMPLE	PREP		No	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
460562	205	274	6	< 0.01	2	160	704	6	2	26	< 0.01	< 10	< 10	10	< 10	150
460566	205	274	1	0.07	2	180	34	2	< 1	10	< 0.01	< 10	< 10	6	< 10	82
460581	205	274	8	< 0.01	2	320	636	4	1	14	< 0.01	< 10	< 10	8	< 10	188

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

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To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N4

A9322132

Comments:

CERTIFICATE

A9322132

PAMICON DEVELOPMENTS LIMITED

Project: SIWASH
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 7-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	1	Geochem ring to approx 150 mesh
274	1	0-15 lb crush and split
229	1	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	1	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	1	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	1	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	1	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	1	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	1	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	1	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	1	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	1	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	1	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	1	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	1	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	1	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	1	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	1	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	1	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	1	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	1	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	1	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	1	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	1	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	1	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	1	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	1	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	1	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	1	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	1	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	1	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	1	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	1	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	1	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	1	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	1	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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PHONE: 604-984-0221

To: PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
VANCOUVER, BC
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Project : SIWASH
Comments:

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Total Pages : 1
Certificate Date: 07-OCT-93
Invoice No. : I9322132
P.O. Number :
Account : BM

CERTIFICATE OF ANALYSIS

A9322132

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
460551	205	274	170	67.4	0.55	70	40	< 0.5	8	0.07	5.5	3	362	1400	4.53	< 10	< 1	0.37	20	0.02	5880

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

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212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221

To: PAMICON DEVELOPMENTS LIMITED *

711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project : SIWASH
Comments:

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P.O. Number :
Account : BM

CERTIFICATE OF ANALYSIS

A9322132

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
460551	205	274	5	< 0.01	6	70	1170	124	< 1	7	< 0.01	< 10	< 10	4	10	3490

Stuart Bickler

CERTIFICATION: _____

TAB

7

APPENDIX VII
ROCK DESCRIPTION FORMS

Sampler N. Manser/A. Montgomery
Date Sept/Oct '93

Project Siwash Creek
Property " "

Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
460551	WEST BANK SILASH CR. AT #1 ADIT.	float		qtz vein/alt'd w/r	silica	1-25% patchy py/sph.	angular boulder 1.5m x 0.5m x 0.7m	170	67.4	1400	1170	3490
SC001	3 ADIT GAP 10' above ADIT 2	chip	10cm 10cm	MSSV sulph.	strong limonite/goethite	~50% ch gn ± <5% py/sph	narrow MSSV sulph. vein in shear/fracture of Adit 2	<	144.0	3680	>10000	7190
SC002	"	chip	1.0m 1.0m	alt'd. QFP	intense silica sericite-clay	<5% py ± patches sph(?)	most of sulphides within 25cm of main sulphide vein	65	14.4	142	2510	492
SC003	"	chip	1.0m 1.0m	"	"	<1% py	sections of oxidized boxwork	145	51.0	199	2240	209
SC004	3 ADIT GAP 50' above ADIT 2	grab		qtz vein	-	5% py diss.	1022/76, 10-20cm wide veins; little fracturing assoc. w vein	95	40.0	245	552	264
460658	Adit #2 6m	chip	1.1m 1.0m	q.v./qfp	scr-qtz-clay.	5% py, 3% gn 2% sph	resample Reynolds 1992 sup. # 61685	1950	88.2	1795	>10K	9210
460659	Adit #2 21m	"	0.7m 0.6m	"	"	5% py ± gn ± sph	" " " # 3195	45	23.6	742	2270	1715
460660	77 50' W of 41600E/2175N	Plt.		q.v.	weak lim.	1% py	fracture q.v. Plt. adjacent to Siwash Cr (pos. to 40cm)	205	17.8	14	1320	206
460661	west bank Siwash Cr.	chip	2.0m 2.0m	q.f.p. bx	strong sericite limonite	1% py	chip samples across bright	<	1.2	25	42	274
460662	"	"	2.0m 2.0m	"	"	"	quartzous fracture zone (fault?) in bx qfp.	<	1.8	48	68	590
460663	"	"	1.5m 1.5m	"	"	"	(site of 1989 37157-88)	<	1.8	54	208	318
460666	"	Plt.		q.f.p. q.f.s.	silica.	1% f.g. diss. py	strongly silica alt'd qfp Plt.	<	0.4	2	132	18
460667	"	grab		q.v./lim.	limonite	-	q.v. fragments + limonitic matrix in fault? bx at contact	<	7.2	9	390	146
460668	"	"		fault box	limonite	-	q.v. fragments in fault box (v. limonite) at QF10-QFP contact.	<	0.2	17	194	426
460690	41600E/5325N	"		ferrocrite	"	-	20x wide zone of ferrocrite (in qtz) spindled exposed in old trench.	<	<	20	14	112
460675	41600E/8325N	"		diorite + andesite	-	-	sampled o/c at Break 2N immediately BTD claim	10	<	33	6	70
460678	Siwash Cr.	"		QFP	sericite-clay	-	quartzous oxidizing Siwash	<	<	8	88	16
460679	"	"		"	"	2-3% f.g. diss. py	strongly alt'd zone in QFP with side Siwash	<	.8	14	232	170
460680	"	"		"	qtz-sericite	-	silicified fracture in strongly alt'd QFP	<	.6	1	88	8
460681	10m SIE of 41600E/2175N	"		granite bx.	chl-hen. manganese	-	alt'd o/c near anomalous soil	60	1.2	64	160	2430

Sampler Montgomery/Conely
Date 11/93

Project Infil Tower Mill Mines
Property Siwash Cr.

NTS _____
Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width	True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
					Rock Type	Alteration	Mineralization		AO P/B	AG PPM	CU PPM	PB PPM	ZN PPM
460623	3.0m	chip	1.0m		Granite	mod. ser - lim ± mang.	minor to rare f.g. diss py.	2-4m wide limonitic clay gouge along fracture.	<	1.2	34	384	1200
624	5.0m	"	1.5m		"	v. strong ser-qtz	minor f.g. diss. spec. hem		<	0.4	23	234	782
625	7.0m	"	1.0m		"	intense ser-qtz	minor patches py ± sph ± qn?	bleached pale green, strong lim ± hem ± mang.	<	1.6	21	828	1160
626	"	"	1.3m		"	"	"	"	<	2.0	23	242	1070
627	8.0m	"	1.0m		"	"	"	sample incl. 30cm lim-clay with section east side of trench	20	6.8	86	2600	3980
628	"	"	1.3m		"	"	sph ± py ± cp ± qn.	stronger minz. incl. bands/stringers here (5%) ± bands/patches sph (1%) ± cp ± qn.	495	8.2	150	3560	4200
629	9.0m	"	1.0m		"	"	"	"	<	1.6	18	610	1420
630	"	"	1.3m		"	strong clay, ser ± lim ± mang.	-	strong clay with zone south of above minz.	<	2.0	67	510	1070
631	10.0m	"	1.0m		"	"	-	"	<	0.6	21	632	952
632	"	"	1.5m		"	"	-	"	<	<	9	124	802
633	12.0m	"	1.0m		"	"	-	"	10	1.0	17	650	1250
634	"	"	1.5m		"	"	-	"	<	0.8	40	598	1235
635	14.0m	"	"		"	some clay weak ser.	-	intrusive & contains crs. biotite	<	<	6	34	308
636	15.0-16.5m	"	"		"	"	-	"	<	0.2	10	60	468
637	16.5-18.0m	"	"		"	"	-	"	<	0.4	27	534	804
638	22.0-23.0m	"	1.0m		"	"	-	sample incl. 10cm wide quartzous clay gouge shear	<	0.4	20	196	610
639	26.2-27.2m	"	"		" (?)	strong clay/limonite	-	strongly dev. ~50cm wide lim. clay gouge zone	15	2.2	26	278	802
640	7.8m	select grab	"		"	intense ser-qtz ± lim.	1-2% sph ± cp ± py ± qn?	f.g. diss, patches, stringers sulph. ±	35	13.8	228	710,000	9150
641	across Siwash from Monty	"	"		?	intense silica	10% py, 5-5% sph ± qn?	angular flt. across Siwash from Monty	40	6.8	222	620	710,000

Sampler Nancy Hansen
Date Sept 28 - Oct.

Project SFA
Property Siwash Creek

NTS _____
Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
				Rock Type	Alteration	Mineralization		Au 11g	Ag 11g	Cu 11g	Pb 11g	Zn 11g
460552	NORM'S BRECCIA	ROCK SAW	1m x 5cm x 5cm	OFF BRECCIA	STRONG SILICA - SERICITE +/- CHLORITE + CARBONATE	<1% PYRITE	CLASTS ARE SPARSE AND WELL ROUNDED + ARE HIGHLY SILICEOUS WITH RARE QUARTZ EYES.	<	<	38	40	68
460553	"	"	"	"	STRONG SILICA SERICITE +/- CHLORITE	<1% HAEMATITE TRACE PYRITE 1% GOETHITE	ABUNDANT QUARTZ EYES + FELDSPARS IN MATRIX CLASTS ARE MORE ABUNDANT	10	<	13	32	56
460554	"	"	"	"	STRONG SILICA SERICITE	2% GOETHITE TRACE PYRITE	SAME AS #460553	<	<	10	34	60
460555	"	"	"	"	"	<1% GOETHITE TRACE PYRITE	AS ABOVE	<	<	8	40	92
460556	"	"	"	"	"	"	FEW FINE GRAINED NON-PORPHYRITIC CLASTS WITH STRONG SILICA SERICITE ALTN	<	<	4	44	90
460557	"	"	"	"	"	"	MINOR VUGS.	<	<	3	42	84
460558	"	"	"	"	STRONG SILICA - SERICITE +/- CHLORITE + CARBONATE	<1% PYRITE	CLASTS ARE SPARSE AND WELL ROUNDED + ARE HIGHLY SILICEOUS WITH RARE QUARTZ EYES	<	<	4	20	26
460559	"	"	"	"	STRONG SILICA SERICITE +/- CHLORITE	<1% HAEMATITE TRACE PYRITE 1% GOETHITE	ABUNDANT QUARTZ EYES + FELDSPARS IN MATRIX ROUNDED CLASTS UP TO 2CM	<	<	3	22	24
460560	"	"	1.5m x 5cm x 5cm	"	MOD - STRONG SILICA - SERICITE +/- KAOLINITE	<1% PYRITE	ABUNDANT QUARTZ EYES + FELDSPARS IN MATRIX SPARSE ROUNDED CLASTS.	<	.2	3	40	36
460561	"	GRAB	"	"	STRONG SILICA SERICITE	<1% PYRITE	AS ABOVE, STRONG LIMONITE WITH MINOR HAEMATITE + MANGANESE STAINING.	<	1.2	8	92	72
460601	500E/5350N	GRAB	"	Fine grained strong altered clay loz	STRONG sericite-chlorite	pyrite sparsite haematite	ALTERATION ZONE OR DYKE WITHIN THE GRANITE	<	2.4	279	500	1010
460602	4225E/5350N	GRAB	"	"	wk chlorite	1-2% pyrite	MODERATE - STRONG LIMONITE, HAEMATITE + MANGANESE	<	<	9	28	232
460603	4235E/5350N	GRAB	"	"	mod chlorite	2-3% pyrite	"	55	.2	6	44	80
460604	4150E/5350N	GRAB	"	"	wk chlorite	1-2% pyrite	STRONG LIMONITE + HAEMATITE	25	.2	2	108	18
460605	4585E/3275N	GRAB	"	"	str chlorite	—	MINOR LIMONITE	860	1.2	12	324	500
460606	41570E/3275N	GRAB	"	"	str chlorite mod silica	—	"	100	0.2	4	74	208

Sampler As Montgomery
Date 10/93

Project Siswash Cr.
Property " "

Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
				Rock Type	Alteration	Mineralization		As PPM	Ag PPM	Cu PPM	Pb PPM	Zn PPM
460562	along road 50m east of 80-6	float		ferrocrite	lim./gasth	-	20cm x 20cm x 30cm boulder sub rounded.	193	40.0	150	704	150
460566	Siswash Cr.	grab		Granite - Peanock	lim./mang. weak	-	poss. brxk foot.	<	0.2	4	34	82
460581	Gullem Cr	grab		QFP	strong ser- lim./hem.	minor py.	strongly alt'd porous limenitic qtz veinlets (1989 samp. 24755)	<	5.6	34	636	188
460592	Siswash Cr	"		QFP	strong lim. qtz-hem.	5% py	float/subcrop?	<	<	4	8	106
460593	NW of Mundy West	"		"	qtz-sericite limenite	1-5% py	Norm's lower new showing	<	1.6	12	44	56
460594	"	"		"	"	"	" " "	<	1.8	5	74	16
460595	Siswash Cr. Grid	"		"	sericite, w. limenite	-	qtz stockwork in QFP.	45	5.6	34	906	38
460596	Siswash Cr.	rough chip	1.0 m 1.0m	"	qtz-sericite	1-5% py gn?	quartz zone 2x10m.	<	0.4	2	654	346
460597	Siswash Cr. Grid	select grab		granodiorite brxx	chlorite	tr. ml.		<	<	16	14	200
460598	5000E/3012N	grab		sheared granite	ser-lim- mang.	-	60cm wide shear in old tunnel tr. along strike of Fisher M.	13	1.4	34	1105	1680
460599	4900E/3165	"		q.v.	weak mang. hem	-	10-20cm wide	<	<	3	8	20
460600	49100E/3400N	"		shear	mang-lim.	1-5% disc py	10cm wide shear & alt'd pyritic w/r	45	2.2	60	856	1280
460651 (AM001)	"	"		QFP?	qtz-ser	5% patchy py	part of large fracture & shear zone - possible contact?	25	2.2	14	492	1160
460652 (AM002)	"	"		shear	mang- lim.	"	10-20cm shear	5	0.2	18	72	472
460653 (AM003)	15m @ 250' from 4800E/3625N	"		q.v.	weak lim.	5% py, 1% cpy, tr. gn.	15cm x 30cm qv. flt. in Siswash Cr. (subrounded)	40	59.2	210K	792	1190
460654 (AM004)	25m @ 135' from 14830E/3630N	chip	.25m .25m	qtz-sulph. vein/shear	lim	30-50% py + sph	10-25cm wide	0.1% .002	0.27 1.24	0.12	0.13	3.22
460655 (AM005)	"	"	1.5m 1.5m	QFP	lim-ser- clay-qtz	1-5% py disc.	altered w/r	<	3.2	66	490	648
460656 (AM006)	"	"	1.0m 1.0m	"	"	5% py	alt'd w/r + 10cm wide py & sph shear	<	6.2	172	342	4070
460657 (AM007)	"	"	2.0m 1.0m	"	"	1-5% py	alt'd w/r.	<	2.4	59	220	3150

Sampler Barry Girling
Date October 14 21

Project Siwash
Property "

NTS _____
Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm	Cu	Pb	Zn
460669	40m NE BL 5000/4850	Grab	.25m .25m	Q.E.P.	Qtz	mang/hem	juggy org brown weath'n well formed qtz crust in fract	<5	2.4	89	226	220
460670	61 CR ~ W of 5150 N	Float		Dior ?	Brx/silic	hem ± cp, py	frags of silic material w/ py like green rusty weath'n	<5	1.0	190	28	346
460671	40m up 61 CR R 670	select	.2 .2	mill. Brx	Qtz	Hem ± cp ± sp	re sample of E.D.	<5	1.4	428	122	984
460672	L50E-5340N	select	.2 .2	Dior	shear	Hem ± py ± cp	Hem along fract just N contact	<5	7.6	4870	128	520
460751	rd near Brinda Zn	grab		Qtz Syn		mang	ots on rd mapped Qtz 5m	<	.4	166	590	2430
460752	L50/5342	select		Dior	shear	hem	} similar	<	.2	703	102	686
460753	L50/5350	select		Dior	shear	hem		460672 dif't shear	<	<	199	46
460754	L46/3538	grab	.3 .2	QEP	shear	hem	rusty hem red weath'n fine veins leached py minor ser	<	4.8	18	502	192
460755	25m W L42E/5175	grab		QEP	shear	Py	whitish → weakly clay alt? QEP w/ leach py py 21%	<	.4	8	374	12

PAMIC DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler Montgomery/Munroe/Haasen
Date 3/11/93

Project Int'l Tower Hill Mines
Property Swash Cr.

NTS _____
Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
				Rock Type	Alteration	Mineralization		Ag PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM
460851	1-2.5m	ROCKCHIP	1.5m	QFP	mod sil-chl	1% py 3% lim	minor manganese + limonite	<	2.8	137	806	578
852	2.5-4m	"	1.5m	QFP	"	"	"	75	10.2	274	3660	478
853	4-5.5m	"	1.5m	QFP	"	"	"	10	0.8	42	1010	344
854	5.5-6.5m	"	1m	QFP	mod sil-chl, clay	"	clay altn adjacent to vein	65	19.6	158	1605	98
855	6.5-7.5m	"	1m	STOCKWORK QTZ VEINING	strong sil-chl-ser	3-10% py <1% ep, sp, ga	quartz veining with strong altn into wallrock	35	31.6	454	1375	156
856	6.5-7.5m	select grab	1m	"	"	"	"	110	134.5	994	2060	240
857	7.5-8.5m	"	1m	QFP	mod sil-chl	1-2% py 3-5% lim	minor manganese and limonite	<	4.0	489	1245	320
858	8.5-10m	"	1.5m	QFP	"	"	"	<	3.2	452	1720	266
859	14-15.5m	"	1.5m	QFP	"	"	"	<	0.8	179	606	324
860	19-20.5m	"	1.5m	QFP	"	"	"	15	0.6	382	474	1185
861	26-27.5m	"	1.5m	Breccia	strong chl-epidote sil	1-2% py	clasts are QFP + PB, rounded.	<	0.6	243	826	922
862	38-39.5m	"	1.5m	QFP-Breccia	mod-strong sil-chl minor epidote	1% py	strong manganese + limonite	<	3.0	290	688	894
863	39.5-41m	"	1.5m	QFP-Breccia	"	"	"	<	4.8	378	1423	2110
864	41-42.5m	"	1.5m	QFP-Breccia	"	"	"	35	13.0	193	1965	368
865	42.5-43.5m	"	1m	QFP-Breccia	"	"	"	15	5.2	202	700	494
866	43.5-44.5m	"	1m	QFP-Breccia alteration zone	str sil, wk-mod chl, ser, sp, sil-chl	<1% py	Biosaurous. Clay + hard pack strong clay altn - shear zone?	15	3.6	1040	446	2130
867	44.5-45.5m	"	1m	Breccia	sil-chl clay	clay + hard pack		<	2.2	301	230	1790
868	45.5m-46.5m	"	1m	Breccia	"	"		<	2.8	265	166	2580
869	46.5m-47.5m	"	1m	Breccia	mod-str sil-chl	1-2% py galena	strong limonite + manganese	30	9.2	404	3290	3050
870	47.5-49m	"	1.5m	Breccia	"	1-2% py	"	<	1.4	93	926	1470

Sampler Montgomery/Munroe/Hansen
Date 3/11/93

Project Int'l Tower Hill Mines
Property Swanish Cr.

NTS _____
Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width	True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
					Rock Type	Alteration	Mineralization		AO P/B	AG PPM	CU PPM	PB PPM	ZN PPM
460871	49-50.5m	ROCK CHIP			QFP-Breccia	mod-str chl-sil.	1-2% py	thin clay rich shear zone within unit	<	1.2	205	1055	2360
872	50.5m-52m	"			QFP-Breccia	"	"		<	0.4	105	908	1955
873	60-61.5m	"			QFP-Breccia	mod chl-sil-clay sp.	1-2% py	local mod-str limonite + mang.	30	10.6	314	1485	186
874	61.5-63m	"			QFP-Breccia	"	"	"	15	4.6	97	1740	588
875	63-64.5m	"			QFP-Breccia	"	"	"	<	2.2	40	298	428
876	64.5-66m	"			"	"	"	"	<	3.2	27	282	420
877	66-67.5m	"			Breccia	str sp, chl-sil	1% py	taken from western wall of trench	<	0.4	13	56	760
878	67.5-69m	"			QFP-Breccia	mod chl-sil, clay	1-2% py	minor quartz veining	<	2.2	38	266	388
879	69-70.5m	"			"	"	"	local mod-str limonite + mang	<	3.6	86	604	470
880	70.5-72m	"			"	"	"	"	<	4.2	44	960	450
881	73.5-75m	"			"	"	"	"	15	4.0	31	1860	322
882	75-76.5m	"			"	"	"	"	<	6.4	69	4550	656
883	76.5-78m	"			"	"	"	"	<	13.2	124	2880	814
884	78-79.5m	"			"	"	"	"	<	10.6	70	2780	400
885	79.5-80.5m	"			"	"	"	"	<	3.0	83	964	494
886	80.5-81.5m	"			"	"	1-2% py galena	minor quartz veining	20	10.8	123	3870	802
887	81.5-82.5m	"			"	"	1-2% py	local mod-str limonite + mang.	<	1.2	174	1700	472
888	82.5m-84m	"			"	"	"	"	<	<	36	38	580
889	92-93.5m	"			Breccia	str chl-sil-sp	1-2% py	QFP + PA clasts - sub-rounded.	<	<	15	56	656
890	99-100.5m	"			Breccia	"	"	"	<	<	11	60	534

Sampler MONTGOMERY/MUNROE/HANSEN
Date 3/11/93

Project Int'l Tower Hill Mines
Property Siuwash Cr.

NTS _____
Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
				Rock Type	Alteration	Mineralization		AG PPB	AG PPM	CU PPM	PB PPM	ZN PPM
460891	TRENCH 1 109-110.5m	ROCK CHIP		Breccia	str chl-sil- zp	1-2% py	QFP + PB clasts - subrounded	<	<	14	70	544
892	113.5-115m	"		Breccia	"	"	"	<	<	9	48	494
893	121-122.5m	"		QFP-Breccia	mod-str chl-sil	1% py	hardpack overlying bedrock by 12"	<	2.2	29	752	276
894	122.5-124m	"		"	"	"	clasts w/ QFP	<	1.2	12	188	100
895	124-125.5m	"		"	"	"	"	<	<	12	410	124
896	125.5-127m	"		QFP	mod sil- clayite?		minor disseminated limonite	40	0.8	7	144	156
897	127-128.5m	"		"	"		"	<	2.2	11	386	112
898	128.5-130m	"		"	"		"	<	2.8	37	1840	210
899	130-131.5m	"		"	"		"	<	1.4	16	370	100
900	131.5-133m	"		"	"		"	145	1.8	39	148	108
460801	132m	SELECT GRAB		Gossanous Hardpack	limonite haematite manganese		Gossanous hardpack overlying QFP bedrock.	<	<	123	168	546
460802	46.5-47.5m	"		Breccia	silica-sericite	1-3% py, 2% gn 2% sph, trace	20cm wide marginal brecc	40	23.6	446	8490	4500
460803	TRENCH 2 1-2.5m	ROCK CHIP	1.5m	PBx	mod sil- ser	<1% py	abundant lim + mang staining	<	1.4	276	1450	4060
804	2.5-3.5m	"	1m	clay shear zone	clay		limonite staining with minor manganese	40	3.4	336	582	2490
805	3.5-5m	"	1.5m	PBx	mod sil- ser	<1% py	abundant lim + mang staining	<	2.4	348	666	4660
806	5-6.5m	"	1.5m	PBx	"	"	"	<	0.2	126	78	3130
807	6.5-8m	"	1.5m	PBx	"	"	"	<	0.4	135	102	2700
808	8-9m	"	1m	PBx	"	"	"	180	20.8	622	1720	2070
809	9-10m	"	1m	clay gouge qtz un.	clay-limonite & hem.	-	intense clay with adjacent to 5-10cm wide q.v.	555	19.2	58	9730	224

NTS _____

Sampler Montgomery/Munroe/Hansen
Date Nov '93

Project Intl Tower Hill Mines
Property Siwash Cr.

Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION <u>TRENCH 2</u>	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
				Rock Type	Alteration	Mineralization		AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM
460817	17.0-18.5m	chip	1.5m	clay shear/ intrusive bx.	clay/lim/ ser/mang/ hem.	minor py	sample across contact	<	2.6	336	994	2310
818	18.5-20.0m	"	"	intrusive bx.	hem.		v. strong mang-ser. atcl	<	15.0	266	1695	2350
819	20.0-21.5m	"	"	"	"			30	3.6	291	1215	716
820	21.5-23.0m	"	"	"	"			45	18.6	457	1630	2130
821	23.0-24.5m	"	"	"	"		intense mang+lim+hem.	<	5.6	330	3590	3530
822	25.8m	"	1.0m	"	"			<	0.4	44	124	884
823	28.8m	"	"	"	"		strongly fractured	<	0.6	17	80	260
824	29.8m	"	1.5m	"	"		" "	<	0.4	26	88	670
825	29.8m	"	"	"	"		" "	<	0.2	139	216	1820
826	14.5m	select grab		q.v.	limonite	tr. py	select grab of q.v. material south wall of tr. (h.w. to q.v.)	185	77.2	209	8790	176
827	13.0m	chip	1.0m	intrusive bx.	mal-stg. mang.-ser.	"		10	11.4	291	3870	2560
828	16.0m	"	1.5m	intrusive bx/ clay gouge	"	-	in gouge + f.w. intrusive	<	4.6	507	1990	2220
829	8.5m	select grab		intrusive	strong chl.	10% crs-map. patchy py.	10cm wide py zone at vein contact.	75	22.0	1115	484	1260
830	32.5m	chip	1.0m	intrusive bx.	mang+hem. chl-ser	-	strong fracturing	<	<	253	84	566
831	35.0-36.5m	"	1.5m	"	"	strong mal. over - 20cm	poss. ankerite alt'n.	<	<	1190	50	1655
832	37.5-39.0m	"	"	"	strong chl-ser + mang	-		<	<	65	76	1345
833	41.0-42.5m	"	"	"	mal. ser-chl.	-		<	1.2	42	154	978
834	36.0m	select grab		"	mang	weak mal.	select grab of weakly mal. stained subcrop, north wall of trench.	15	1.0	2090	254	5700
835	36.0m	"		"	hem + mang (chl-ser)	strong mal.	select grab of mal. stained ore over ~ 20cm section - fracture controlled?	<	0.2	7240	34	2690

PAMICO DEVELOPMENTS LIMITED

Geochemical Data Sheet - ROCK SAMPLING

Sampler Montgomery/Munroe/Hausen
Date 11/93

Project Infil Tower Mill Mines
Property Squash Cr.

NTS _____
Location Ref _____
Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
				Rock Type	Alteration	Mineralization		AD PPB	AG PPM	CU PPM	PB PPM	ZN PPM
460836	<u>TRENCH 3</u> 0.8-2.0m	chip	1.2m	QFP	mod. sil-ser-ep	2-4% py	abundant lim.	<	3.2	27	296	80
837	2.0-3.5m	"	1.5m	"	"	"	"	<	1.2	21	146	60
838	3.5-5.0m	"	"	"	"	"	"	<	1.8	21	124	60
839	10.0-11.0m	"	1.0m	"	wk.-mod sil-ser-ep	<1% py	"	<	1.8	23	124	74
840	11.0-12.0m	"	"	"	"	1-2% py	strong clay + lim. alt in along low wide shear zone	<	2.6	112	312	380
841	12.0-13.0m	"	"	"	"	"	as above, 4m shear @ 13.0m	<	1.4	160	216	256
842	13.0-14.5m	"	1.5m	"	"	"	"	<	1.6	81	106	130
843	20.0-21.5m	"	"	"	"	<1% py	abund. free controlled lim.	<	1.0	18	220	68
844	26.5-28.0m	"	"	"	"	"	as above + minor mang. then.	<	1.2	11	232	84
845	31.0-32.5m	"	"	"	"	"	"	<	0.2	5	66	86
846	37.0-38.5m	"	"	"	"	"	abund. free controlled lim.	<	0.6	33	1100	152
847	43.5-45.0m	"	"	"	"	"	mod. her. + mang. + lim. stain	<	1.8	20	1015	146
848	49.0-50.5m	"	"	"	"	"	abund. free controlled lim.	<	1.8	9	398	114
849	<u>TRENCH 4</u> 7.0-8.0m	"	1.0m	intrusive bx	mod chl. ± ser shear-ep	-	"	<	0.2	25	50	762
850	8.0-9.5m	"	1.5m	"	"	-	"	<	0.2	21	86	926
460951	Muddy West area	grab		q.v.	strong lim + her stain	1-5% fr. py, 1% cpy	20cm wide white q.v. in alt'd QFP (est. of on #1, TR93-1)	130	112.5	377	5720	208
460954	<u>TRENCH 2</u> 16.0m	chip	1.0m	intrusive bx	ser-mang ± lim then		h.w. intrusive	35	35.2	373	3360	2820
955	16.0m	"	0.70m	q.v./clay gouge	intense clay/lim.		narrow <10cm wide q.v. + clay gouge zone	275	143.0	577	6570	778
956	14.5m	"	1.0m	intrusive bx	ser-mang ± lim then.		h.w. intrusive, south well	<	2.8	185	1275	1860
957	14.5m	"	1.0m	q.v./clay gouge	intense clay/lim.		as 955	365	106.0	501	710K	1330

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SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
				Rock Type	Alteration	Mineralization		AO P/B	AG PPM	CU PPM	PB PPM	ZN PPM
460958	<u>TRENCH 2</u> 14.5m	chip	1.0m	intrusive bx	ser-mang ± lim/hem	-	mainly altered f.w. intrusive on floor + north wall of trench	185	37.2	375	5530	1410
959	13.0m	"	0.5m	q.v./clay	clay/lim	-	q.v. + clay gouge	155	53.0	279	710K	310
960	13.0m	"	1.0m	clay/int. bx.	clay	-	mainly clay gouge / f.w. intrusive	55	47.0	194	210K	162
961	11.5m	"	1.0m	intrusive bx	ser-mang ± lim/hem.	-	h.w. intrusive	130	10.6	196	3340	866
962	11.5m	"	1.0m	q.v./clay	intense clay/lim	-	q.v. + clay gouge	<	7.2	264	994	2740
963	11.5m	"	0.8m	clay/int. bx.	clay/ser + mang/lim.	-	clay gouge + f.w. intrusive	15	8.8	239	4360	1330
964	<u>Fisher Menden Adit (back)</u>	grab	1.5m	sheared + alt'd intrusive	clay/ser	-	sample of mineral hosting structure at back of F.M. adit.	<	<	1	70	140
965	<u>TRENCH 4</u> 13.5-14.5m	chip	1.0m	intrusive bx.	chl + mang + ep.	-	well fractured	<	0.2	45	26	666
966	14.5-15.5m	"	1.0m	int. bx / QFP	chl-ser-mang ± lim	rare f.w. diss py	contact zone	<	0.4	217	28	852
967	15.5-16.5m	"	1.0m	QFP	ser-lim-mang-hem.	"		5	0.2	189	62	488
968	15.2m	grab		"	strong lim + hem, silica + ser.	"		30	28.2	133	2470	508
969	18.5-20.0m	chip	1.5m	"	ser-mang, lim-hem.	"		<	0.6	23	83	198
970	22.5-24.0m	"	1.5m	"	as above stronger ser.	"	- weaker alt'd to north	<	1.2	20	190	164
971	26.0-27.0m	"	1.0m	"	weak ser ± hem + ep/lim.	-		<	1.8	21	710	92
972	43.0-46.5m	"	1.5m	QFP	mod.-weak ser-mang-ep	minor oxidized lim diss py		<	<	38	36	406
973	50.0-51.0m	"	1.0m	"	"	"		25	2.6	28	528	260
974	51.0-52.0m	"	1.0m	"	"	"	0.5m q.v. @ 52.0m	10	1.0	18	360	214
975	67.5-69.0m	"	1.5m	"	"	"		<	0.2	21	218	492
976	62.0-63.5m	"	1.5m	"	"	"		<	<	7	190	688
977	60.0-61.0m	"	1.0m	"	"	"	clay + weak silica alt'd 5cm wide q.v. @ 60.3	<	1.2	23	210	436

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SAMPLE NO.	LOCATION TRENCH 4	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
				Rock Type	Alteration	Mineralization		AD PPB	AG PPM	CU PPM	PB PPM	ZN PPM
460978	53.5-55.0	chip	1.5m	QFP	ser-mung-lin-clay(?)	-	weak silicification?	<	0.6	25	178	560
979	52.0-53.5	"	1.5m	"	"	-	" "	10	1.2	18	276	372
980	TRENCH 5 7.0-8.5m	"	1.5m	"	mod-ser lin ± mung	trc. py	weak hairline qtz stringers	15	2.2	118	1540	1650
981	18.0-19.5m	"	"	"	strong-intense ser ± mung lin	silica "	weak shearing locally minor narrow qtz's	<	3.4	183	760	334
982	17.5-21.0m	"	"	"	"	"	fault zone?	15	4.6	261	772	418
983	21.0-22.5m	"	"	"	"	"	as 981	10	3.8	195	1700	2670
984	23.5-25.0m	"	"	"	"	"	"	20	5.4	160	1225	1265
985	32.3-33.3m	"	1.0m	QFP?	intense silica ser. weak lin clay	minor f. qtz dis. py	qtz vn. stockwork (<1m-1cm wide aphanitic white qtz) t.w. ~ 65cm?	<	9.8	39	1525	170
986	33.3-34.3m	"	"	qtz vn.	lin + her.	1-2% py ± qn ± sph.	v. strong 35.0-35.3 - chloritic breccia well fractured	40	9.4	176	2490	362
987	34.3-35.3m	"	"	QFP	lin-ser	-	15cm wide laminar shear (lin-mung-clay alt'n)	10	5.4	399	2160	2040
988	45.0-46.0m	"	"	Chloritic Breccia	chl, wk. lin.	trc. f. qtz. py	"	<	2.2	160	3480	1810
989	61.5-63.0m	"	1.5m	"	"	"	"	<	<	18	158	618
990	33.5m	select grab	"	q.v.	strong lin. ther.	1-2% f. qtz-mag dis. py ± poss	minor sph / qn?	40	10.4	268	1875	688
991	10m west of TR 90-1	"	"	q.v.	strong lin ± her.	-	vuggy boxwork greenish-grey qtz vn. flt. (several ang. blocks > 40cm)	45	7.6	45	302	330
992	TR 93-1	"	"	q.v.	strong lin.	1% py ± drk grey sulph.	select grab of q.v. + q.v. stockwork at vn. #1 in trench 1	100	108.0	793	1910	226
993	82.0m	"	"	q.v.	lin., weak clay	1-5% f. qtz. py ± f. qtz. grey sulph.	block grey-ll. greenish grey q.v. mod. boxwork dev. / 135/40 SW (?) some qtz stringers/veins to 1cm wide	50	37.2	176	3470	384
994	17.5-18.5m	chip	1.0m	QFP	strong lin + ser + silica clay	minor py	"	10	12.8	32	3650	236
995	18.5-19.5m	"	"	"	strong clay + ser + lin.	"	"	15	7.2	48	1230	144
996	19.5-20.5m	"	"	"	"	"	as above, + 30.2-30.5 is laminar clay gouge.	25	5.8	263	638	644
997	20.5-21.5m	"	"	"	intense clay- ser-qtz-lin	1-3% dis. f. qtz. py ± qn.	better development of q.v. stockwork	20	6.0	44	2880	176

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SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width	True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
					Rock Type	Alteration	Mineralization		AU P/B	AG PPM	CU PPM	PB PPM	ZN PPM
460998	82.0m	chip	1.1m	q.v.	mod lim ± minor clay?	1-5% f.g. - magr py diss ±	this un. is pass up to 1.0m wide? - minor qn?	65	37.2	115	2800	196	
460999	83.0m	"	0.8m	"	"	"		140	60.6	1050	710,000	388	
461000	84.0m	"	0.65m	"	"	"	minsh also incl. narrow <10cm wide band (at east edge of exposure) of ~10% patchy qn in strongly lin. vuggy qtz	260	125.0	775	710,000	464	
460607	63.5-65.0m	"	1.5m	QFP	v. strong ser. - qtz-clay-lim		qtz stringers fairly common	<	2.4	27	222	2910	
608	65.0-66.5m	"	"	"	"	minor f.g. diss. py	intense clay+ser with assoc. ± shear 65-66m	<	3.6	40	300	444	
609	66.5-67.5m	"	1.0m	"	"	"		<	3.0	37	356	386	
610	67.5-69.0m	"	1.5m	"	"	"	stringers lt. purple fluorite??	<	3.4	40	528	350	
611	47.6-49.1m	"	"	QFP	strong ser ± lim + mang.		10cm wide clay gouge shear at 47.6-47.7m	<	1.8	112	2060	1230	
612	46.1-47.6m	"	"	q.v.	silica-sericite-limonite	1-5% py ± sph ± qn	brecciated/banded grey to lt. greenish-grey q.v. to silicified w/	35	11.4	258	3060	3700	
613	42.0-43.5m	"	"	QFP	v. strong ser. ± lim + mang.	minor f.g. py	(previously sampled as hardpan)	10	6.4	528	700	2590	
614	TRENCH 2 (ext.) 3.0m	"	"	intrusive bx	strong chl ± ser - FeOx	minor mal	strongly fractured	<	3.2	605	182	852	
615	0.0m	"	"	"	strong chl ± ser ± mang then		" " mal. in subcrop, above this sample	<	0.8	39	144	1690	
616	1.0m	"	"	"	"		" " " " " "	<	0.2	49	408	2900	
617	8.0m	"	0.6m	"	strong-mal chl ± mang.	<1% f.g. diss qn: ± py	diss. sulph. assoc. ± narrow 5-10cm wide FeOx shear cont. of shear/fracturing of 617, no sulph. noted.	<	4.2	232	710,000	2470	
618	7.0m	"	1.6m	"	"			<	1.0	181	1940	1510	
619	12.0m	"	1.0m	"	chl ± mang ± hem.	patchy (5cm dia) py ± rare mal.	py assoc. ± narrow shears	<	0.8	46	168	1555	
620	8.0m	select grab	"	"	chl ± mang	~1% f.g. qn ± py	select grab of qn bearing intrusive at 3.0m	<	1.2	113	3900	3830	
621	~12m	"	"	"	chl ± mang ± he ± FeOx.	10% mssu - patchy py	select grab of py. at 12m.	30	3.6	411	102	1040	
622	2.0m	"	"	"	mod-strong chl + FeOx.	1% f.g. crs. qn py/cpy ± mal ± FeOx stain	select grab of mineral flt/subcrop at 2.0m.	180	13.4	4430	68	392	