

Geochemical and Geological Report

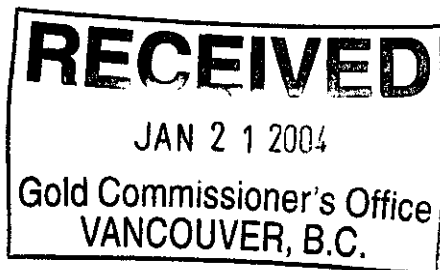
of the

CONCHA MINING CLAIMS MINER MOUNTAIN PRINCETON (M.D.) B.C.

West Longitude 120° 27.5"
North Latitude 40° 29.5"

PREPARED, DRAFTED, WRITTEN & RESEARCHED BY:

Douglas H. Hopper
Mining Technologist
Haileybury Mining Institute
Haileybury, Ontario



March 21, 2003

Amended (with new work)
December 22, 2003

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

27,228

TABLE OF CONTENTS

	Pg #
1.0 Concha Claim Location	4
2.0 Claim Access	9
3.0 Concha Rock Samples	9
4.0 Property History	12
5.0 Local Geology	12
6.0 Claim History – Recent (2000-2003)	13
7.0 Past History of Old Work and New Ideas and Uses of It	16
8.0 Possible Zeolite Mineralization of Concha Claim Areas	17
9.0 Copper Porphyry Deposits	
9.1 Form of Deposits	17
9.2 Porphyry Copper-Gold Deposits	18
9.3 Alteration	18
9.4 Exploration Guides	18
10.0 Geochemistry	
10.1 Copper-Gold Geochemistry	19
10.2 Zinc Geochemistry	19
10.3 Calcium Geochemistry	19
10.4 Arsenic Geochemistry	19
10.5 Manganese Geochemistry	20
11.0 Platinum and Palladium Assays	21
12.0 Recent Past Work – Soil Samples	21
13.0 Work Done ANT 1 & 2 Claims (April 29 – May 3/03)	21
14.0 Ideas and Results from April 29 – May 3/03	22
15.0 Work Done Concha Claims April 29 – May 3/03	22
16.0 Work Done and Sample Descriptions Princeton Trip Oct 19 – Oct 21/03	25
17.0 Work Done Princeton Trip Nov 14 – Nov 17/03	25
18.0 Results of Oct 19 – Nov 17/03	26
19. Geophysics Planned	26

LIST OF APPENDICES

Appendix 1	Claim Expenditure Summary	27
Appendix 2	Porphyry Copper-Gold Deposits Kemess Mine Ore and Operating Costs Porphyry Copper-Gold Diagrams	35
Appendix 3	Analytical Results - Acme Analytical Laboratories Statement of Qualifications Assay Methods	44

LIST OF FIGURES

Fig. #	Name	Page #
1	Claim Location	5
2	Concha Claim Group	6
3	North Concha Claim Group	7
4	South Concha Claim Group	8
5	Geophysical and Drill Hole Location of Nustar-Copper Mtn.	15
6	Rock Sample Location	24

LIST OF FIGURES IN POCKETS

- 1 New-Old Geophysics
- 2 Report 6336 Geophysics
- 3 Copper-Gold Geochem Map
- 4 Manganese Geochem Map
- 5 Calcium - Phosphorous Map
- 6 Arsenic Geochem South Area Only Map
- 7 Lead-Zinc Geochem Map
- 8 Concha Claim Group Area Mag Map
- 9 Report 318, 1959 Kennecot

LIST OF TABLES

TABLE 1	Claim Descriptions	4
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1.0 CONCHA CLAIM LOCATION

The Concha Property is four kilometers northeast of Princeton, B.C. and covers the western slopes to Alison Creek and the southern slopes to the Similkameen River and Highway, (Figures 1, 2, 3, and 4) The northerly point being the two-claim units length to the east of Gould Lakes. The claims are in conjunction with other claims belonging to Nustar Mining Etc. Concha 4 is located at 683000 East and 5485000 North, center of the west boundary.

Table 1. Claims

Claim Name	Tenure #	# of Units	Expiry Date	Year	Comments
Concha 1	395250	1	July 25	2011	
Concha 2	395251	1	July 25	2011	Maps 92H048 &058
Concha 3	309825	1	March 17	2013	
Concha 4	309826	1	March 17	2013	
Conchita 5	348125	1	March 17	2008	
Concha 6	309828	1	March 17	2008	
Ruth G.H. #2	381077	1	Sept. 29	2011	
Doug H.H. #1	381076	1	Sept. 29	2011	
Dais	381075	5	Sept. 29	2006	
King 1	390592	1	Oct. 29	2005	
King 2	390593	1	Oct. 29	2004	
King 3	390594	1	Oct. 29	2004	
King 4	390595	3	Oct. 29	2007	
King 5	390597	4	Oct. 29	2004	
King 6	390596	4	Oct. 29	2005	
Concha 15	311201	1	July 9	2010	
Concha 16	311202	1	July 9	2010	
Concha 19	311205	1	July 9	2013	
Concha 20	311206	1	July 9	2013	
Concha 21	398514	1	Nov. 20	2012	
GNU 26	397181	5	Oct. 17	2006	Fr. 5 Unit Claim
GNU 6	376036	1	April 13	2007	Fr. Bt. GUY 4 & 6
Conchita 4	348124	1	July 9	2010	Fr. W. of GUY 7
Conchita 3	348123	1	July 5	2011	Fr. Bt. GUY 3 & 5
GNU 88	332202	5	Oct. 15	2007	
GNU 56	398509	6	Nov. 21	2006	Below GNU 88
ANT1	395248	4	July 23	2005	
ANT 2	395249	4	July 23	2004	
1BEX	406648	6	Nov 16	2005	
ANT1	405994	4	Oct 20	2004	
ANT2	4059604	4	Oct 20	2004	

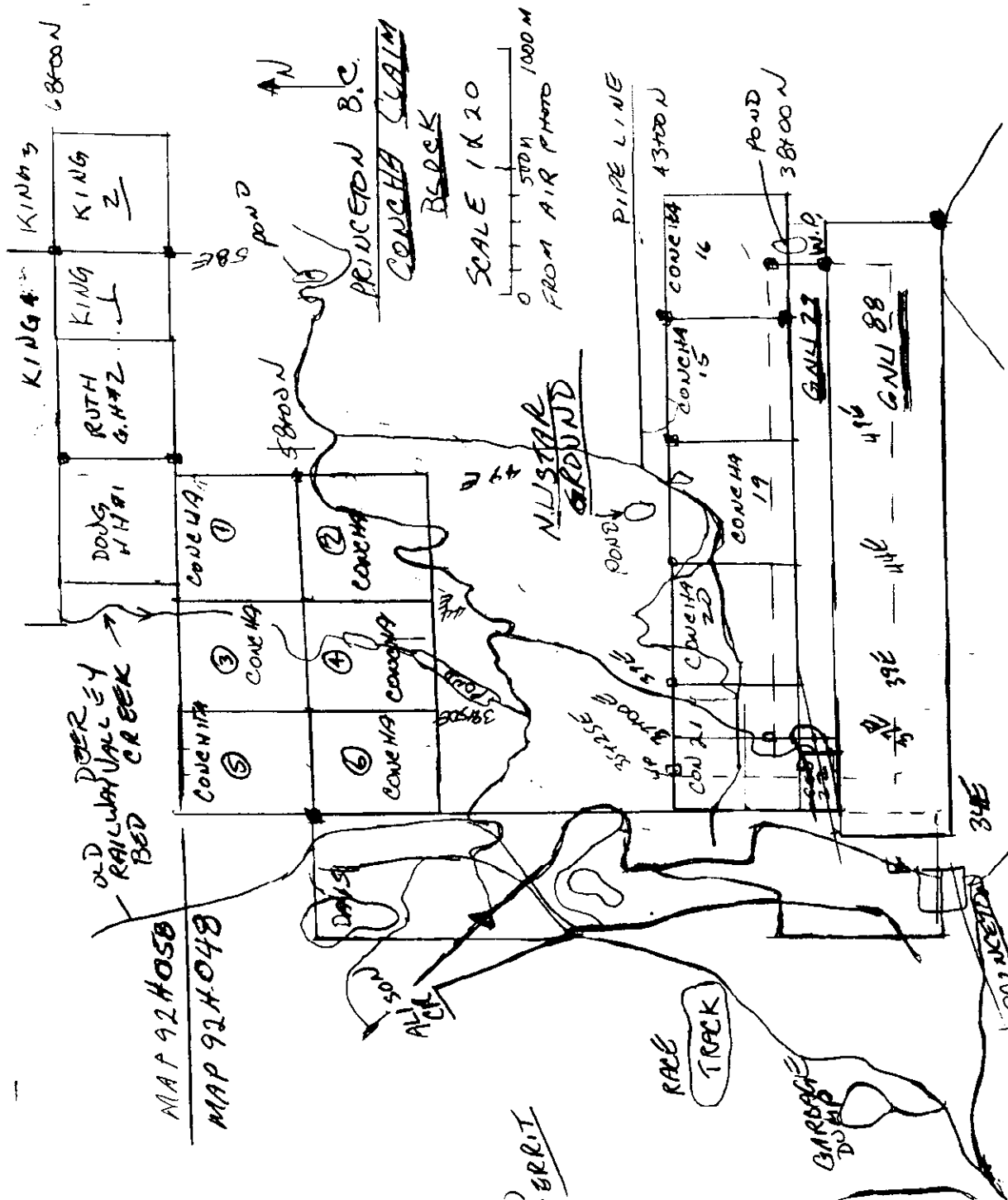


Figure 1: Claim Location

MAP 92H
058

MAP
92H 048

AREAS OF SOILING
002 & SAMPLING 2003



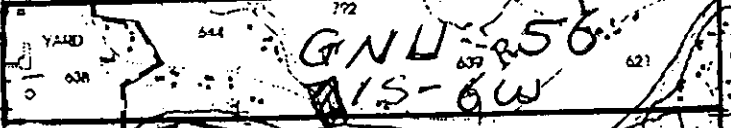
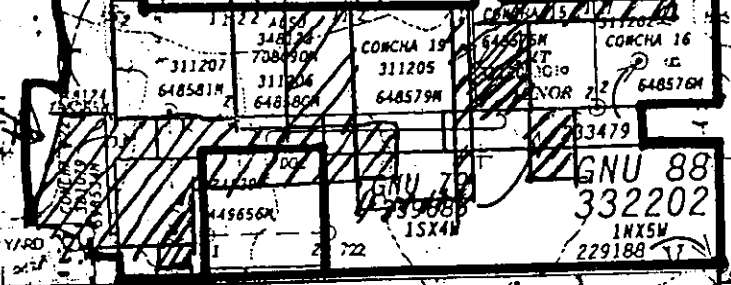
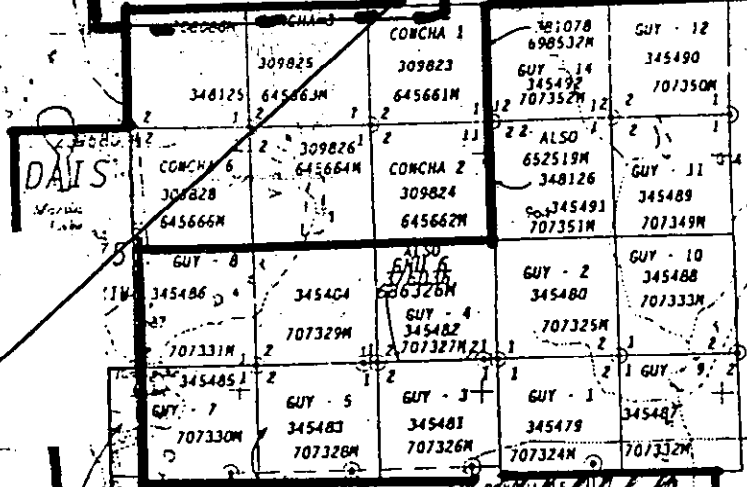
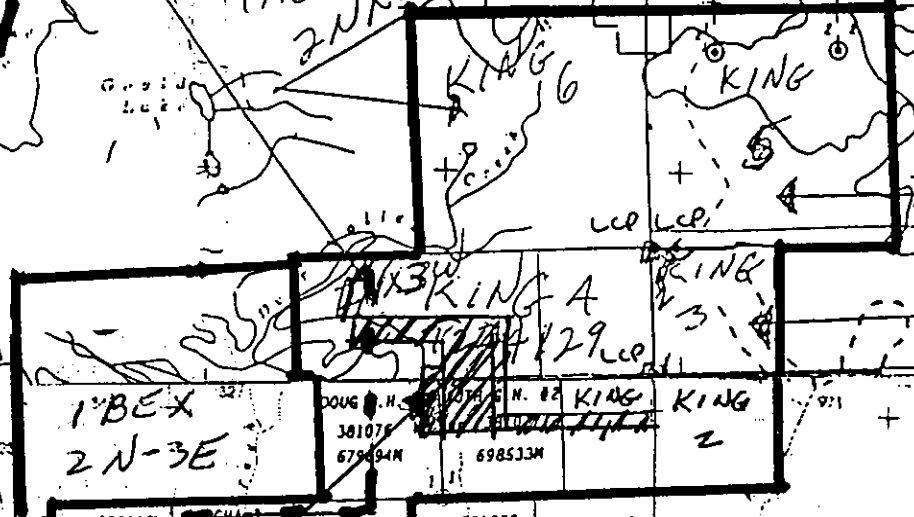
333955
MINERAL RESERVE
NO STAKING

PRINCETON
IRFIELD

RESERVE
KING

KING A
T 244129
TAG 244112
2NK2

56386M	362229	362230
JR 73	683844M	683845M
683866M	JR 7	JR 3
362271	362272	362273
683846M	683847M	683848M
JR 25	JR 9	362234
362272	362233	
683832M	683848M	683849M



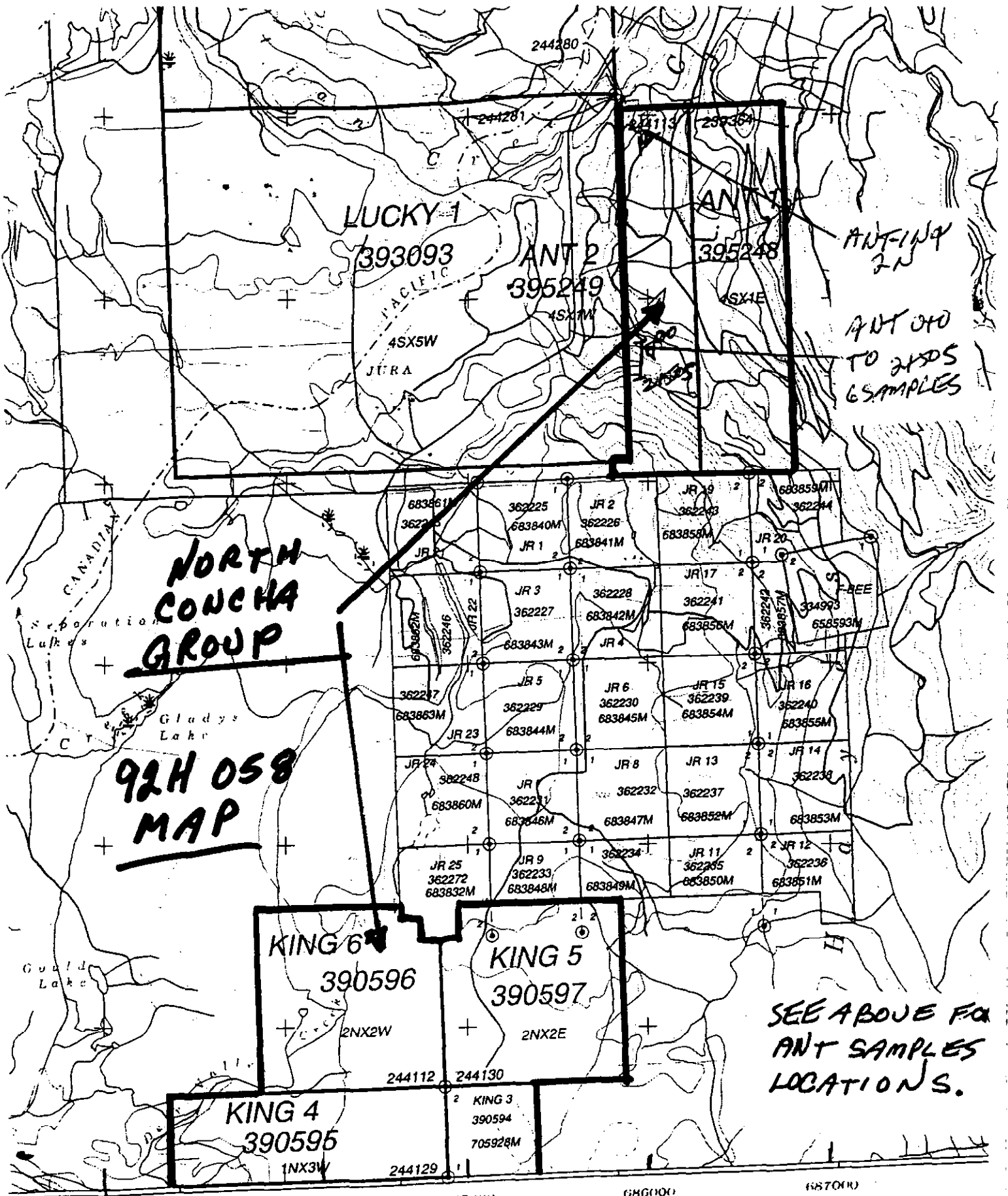
332370
MINERAL RESERVE
NO STAKING

**CONCHA
CLAIM
GROUP**

FIGURE 2 PAGE 6

82-2
36912
68140

NORTH CONCHA GROUP



NORTH CONCHA GROUP

92H 058 MAP

ANT-1 IN 2N

ANT 010 TO 210S 6 SAMPLES

SEE ABOVE FOR ANT SAMPLE LOCATIONS.

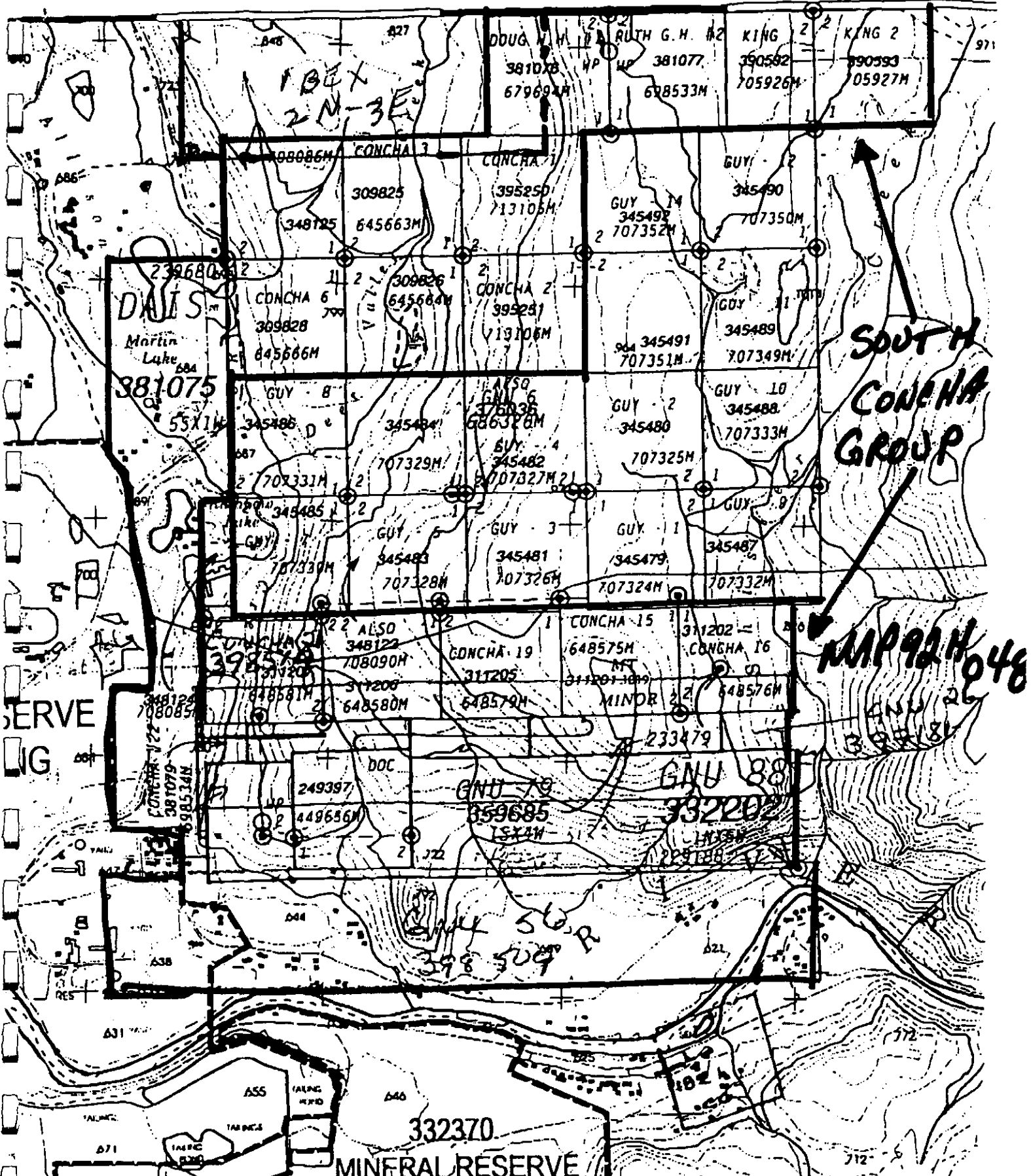
SOUTH CONCHA GROUP

682000

683000

684000

685000



SOUTH
CONCHA
GROUP

AMP 92 H 048

332370
MINERAL RESERVE
FIGURE 4

2.0 ACCESS TO CLAIMS

The Concha Property is four kilometers northeast of Princeton by taking the road to Merritt, B.C. for a short distance. Then continue along to the Osprey Lake Road (passing the Princeton Dump, race track, and Alison Creek) and turn right a short distance from Alison Creek to Iron Mountain Road in an easterly direction. This route gives access to various mountain roads to most of the claim areas. The property is on the N.E. corner of map 92H048 and on the S.E. corner of map 92H058.

3.0 CONCHA ROCK SAMPLES

- 39+00N – 42+50E Quartz carbonate outcrop with rusty sheers S.E. corner of Concha 20. 63 ppm Cu, 84 ppm As, 49 ppb Au, and 7 ppm Mo.
- 38+50N – 43+50E Quartz carbonate zone outcrop 102 ppm Cu, 18 ppm As.
- 39+50N – 42+50E Quartz carbonate outcrop S.E. corner Concha 20. 41 ppm As and 10 ppb Au.
- 35+50N – 51+00E Volcanic tuffs; magnetic dark material; angular float. 127 ppm Cu and 3 ppb Au.
- 68+00N – 50+50E Volcanic outcrop – andesitic hematite, quartz calcite pyrite < ½ % chlorite, epidote >54 ppm Cu and 13 ppb Au. Note soils taken in immediate area had no reaction to the higher copper values.
- 39+25N – 43+50E Rusty volcanic, carbonate iron staining old creek bed S.E. corner Concha 20. 95 ppm Cu, 85 ppm As, and 21 ppb Au.
- 68+00N – 56+15E Andesitic volcanic with carbonate staining. 130 ppm Cu & 2 ppm Au.
- 43+00N – 52+17E Rusty magnetic altered rock laying on pipe line area. See copper anomaly of this area (sedimentary rock?). 252 ppm Cu & 84 ppb Au.
- See file #A201884 dated July 10/02.
- 69+00N – 48+00E Very tightly compacted quartz fragments – angular to rounded. Near corner of fence portion of a large N&S structure – fault zone.
- 38+50N – 35+25E Epidotized rock of chalcopyrite fizzes in quartz-carbonate minor fracture filled veins. Siliceous volcanic 455 ppm Cu, 18 ppm As, and 4.4% Ca. Part of the copper anomaly.

37+00N – 35+25E Epidotized volcanic quartz vugs and patches. Fizzes with vinegar light pyrite and chlorite. 25 ppm Cu, 4 ppm As and 36 ppb Au. This sample was taken from the north boundary of the Cu-Au anomaly. It is not high, but shows some gold in the system (rock).

40+50N – 37+75E From old trenched area, black stain, silver cubes, fizz with vinegar, visible CP. 407 ppmCu, 3 ppm As, 31 ppm Mo, and 8 ppb Au.

See file #A202914 dated Aug. 23/02.

Sample 4: 68+00N – 51+50E Quartz veining; trace of malachite; strike E-W; dip vertical; 928 ppm Cu and 5 ppb Au.

Sample 5: 46+00E – 52+50N Andesite with some quartz veining near the road. 197 ppm Cu and 9 ppb Au (Grab Sample)

Sample 6: 37+00N – 43+50E Gully – East, SE of quartz-carbonate zone; pyrite and copper clots and cubes; fizz with vinegar; 2446 ppm Cu, 20 ppm As, 5.7% Ca, 1082 ppb Au (0.035 oz/ton), 11.3 ppm Ag (0.36 oz/ton)

See file #A103918 dated Nov. 16/01.

Concha Rock Samples - October 2002

32+00E – 38+00N Pink-gray, fine grained volcanic; 44 ppm Cu and 8.5 ppm As.

36+00E – 36+50N Rusty silicified volcanic; trace of pyrite; 200 ppm Cu, 8.5 ppm As, and 46 ppb Au.

36+00E – 36+50N Float angular; numerous erratic veinlets; <1/2 inch hematite and pyrite; fizz weakly with vinegar; non magnetic; 50 ppm Cu, 8.5 ppm As, and 245 ppb Au.

37+50E – 37+00N Chert?; pyrite specks; arsenopyrite spots; trace of chalcopyrite on knoll; 184 ppm Cu, 9.0 ppm Ag, and 1.5 ppb Au.

36+00E – 36+00N Rusty rock; well fractured; 114 ppm Cu, 9.0 ppm Ag, and 1.5 ppb Au.

32+00E – 38+75N Pink volcanic; iron stained; 68 ppm Cu and 26 ppm As.

2 saw mill rock samples: 41 ppm Cu and 26 ppm As

3- 37+75E – 37+50N Black rusty rock, sediment?; 104-156 ppm Cu and 5–27 ppm As, low Au

See file #A204713 for rock samples.

Concha Rock Samples – Nov. 19-21/02 (File #A205340 dated Dec. 12/02)

- 1) 39+00E – 34+50N: Sil. andesite porphyry; fizz with vinegar; black specks – smears somewhat; 4 ppm Cu, 1.4 ppm As, and 9 ppb Au.
- 2) 38+75E – 34+75N: Black magnetic tuffs; 82 ppm Cu, 4.0 ppm As, 7 ppb Au, and 4% Fe.
- 3) 39+40E – 33+90N: Sil. porphyry; light fizz with acid; silver spots (?); non magnetic; 6 ppm Cu and 6 ppb Au.
- 4) 39+50E – 35+75N: Sil. Q.F. porphyry; black spots; minor quartz veining; 4 ppm Cu, 6 ppm As, and 4 ppb Au.
- 5) 39+00E – 34+00N: Quartz veining; fizz with vinegar.
- 6) 33+00E – 39+50N: Alison Creek; sil. volcanic; brown stain – quartz veining; 44 ppm Cu, 6 ppm As, 8 ppb Au, and 8% Fe.
- 7) 45+50E – 53+00N: Rock sample; calcite outer covering – numerous quartz veining – pyrite; rusty surface; weakly magnetic; 56 ppm Cu, <0.5 ppb Au, 4.4% Fe.

Geologic Ideas of the Above Samples (Nov. 19-21/02)

The Alison Creek sample of sil. volcanic is located near the bend in the creek at 33+00E – 39+50N and possibly may be quartz porphyry along the east side. The west side rock units observed are completely different, suggesting the Alison Creek is a fault. If this is the case, the geochemistry shows a horizontal movement displacement of 350 meters with the east side of Alison Creek moving 350 meters to the south horizontally, plus the west side is much lower than the east side. The chasm there in places, has steep sides approximately 150-200 feet deep.

The copper gold zone located on Concha 21 appears to be faulted of near 38+00N – 37+75E. The latest line, 39+00E – 35+00N to 36+00N, may have indicated where the east (extension?) went. Also the short lines 36N and 37N have some copper gold geochemistry readings a little stronger. The horizontal displacement is 300 meters with the down side again to the west side of the fault. There does appear to be a blind spot there in the geochemistry, just east of 38+00N – 37+75E, possibly there may be deep over burden problems. However, the contours of the geophysical anomaly partially cover this area.

4.0 PROPERTY HISTORY

In 1929, W.C. McDougal of Olala, B.C. staked the area known as the Regal Claims. Some diamond drilling was done in an area of previous work. The coring of drilling was poor and the results were disappointing.

From 1951 to 1962, the Granby Mining Co. did trenching, diamond drilling and geophysical surveys.

In 1962, E. Mullins and G. Burr of Princeton re-staked the main working as the G.E. & UI Claims. Climax Copper Mines Ltd. optioned the ground and conducted geophysical surveys, geological mapping and 1077 meters of diamond drilling in an unknown number of holes.

In 1970, Joy Mining Ltd. staked 343 claims. (G.D., Dot., ML., etc.) did 152 meters of trenching. Saracen Mines operated the property for Joy in 1971 and conducted geological mapping, 103 kilometers of soil geochemistry at 30.5 meter spacing (3377 samples), 200 stream sediments, 37 kilometers of IP, 3 drill holes at 457 meters, and constructed an acid leach plant for copper recovery. Reserves here, slide area, amount to several hundred thousand tons at about 0.50% copper. This leaching effort turned out to be very unsuccessful.

In 1973, Bethlehem copper had the claims, drilled 5 widely spaced holes and then gave up the claims.

Quintana Corp. re-staked the area in 1977 as the BTU Claims and conducted 10 kilometers of line cutting and induced potential survey. See the map in the pocket, Geophysical Surveying by P. Neilson.

J.M.T. Services Corp. re-staked the J.W.G. Miner and Old Baldy Claims in 1979. Four short percussion holes were drilled totaling 68 meters that year.

In 1980 Superior Oil Co. and J.M.T. drilled reverse diamond drill holes on the Irly Bird Claims, thought to occupy the same area as the J.W.G. Miner Claims. The 1980 Uranium Moratorium shut down operations until their release in 1987.

5.0 LOGAL GEOLOGY

The claim area is mostly andesites and tuffs. The long trench, GUY 14 has pyrite, chalcopyrite, epidote, hematite and occasionally magnetite with copper and malachite. To the north is Doug H H #1, a large zone of sediments in the fault zone described by Peter Reed as a sedimentary, sandstones, siltstones etc. To the east is andesite with a few quartz veins that are gold and copper bearing, but very erratic.

Minor Mountain Rusty volcanics to andesite with quartz-calcite erratic veining.
Some of it contains magnetite.

South of Concha 19, a large quartz carbonate occurs, which occupies a large area and appears to intrude the andesites there, at the eastern contact. It is not known if this is the same material that Jim McLeod describes as gypsum, calcite (dolomite) or amyhydrite in his diamond drill logs.

To the west of this area Concha 20 and 21 more andesites and tuffs occur with a large area of pyrite and magnetite (see Vissers I.P. results). At the southern area of this is a highly altered stone, kaolinized with vuggy quartz-carbonate, low arsenic and may be responsible for the coppery-gold area there. See the copper-gold geochemistry map.

Some time ago, Nick Wychopin and I were soiling line 36E 41N to 42N were a large ultra basic dike was found with some chalcopyrite which assayed 5256Cu, 152 Au, Pd 12 Pt 2. Then Nick said "Look here," and there was argillite with the bedding or fault planes oozing malachite.

On line 43N 53E near the excavation of the pipe line was some altered schist, mica, pyrite Cu 252, Au 84 and magnetite spots.

6.0 CLAIM HISTORY - RECENT (2000-2002)

On September 28, 2000, Al Brandys and I sampled lines 36+00E and 37+00E on Concha 21 and the new claim Concha 22 which covered the west boundary of GNU 79. Concha 22 was staked on this day. A total of 25 soil samples were taken. Some old trenching was found in the area. It was noted L36+00E 36+00N to 37+00N very rusty soil. This is never the center of the gold anomaly located in 2002.

On September 29, 2000, Al Brandys and I staked the Ruth G.H #1 (FR) Ruth GH#2 and DOUG HH#1. Lines 50 +00E and 51+00E were done of 500 meters each and 21 soils were taken to see if any copper anomalies existed there. Re: a known fault zone of the area, some interesting copper geochem N.E. corner of Concha 1. The lines are located on the east side of the fault; the results of soils are interesting as revealed in the 2002 assays.

In addition to the above, Report 9634, a soil and rock geochemistry report indicates copper and lead zinc anomalies north of the North East corner of Concha 1. This area is believed to be on the faulted steep face on the east side of the fault. This report was done by K.W. Livingstone report 9634 copper, lead + zinc report 10379.

The DAIS #1 was staked on September 29/00 to cover possible copper and gold mineralization coming from the Coal Mines Empire Company Ltd. 1908, south of the Red Triangle Mine. Also to cover the copper and gold geochemistry and possible the

geophysical target, extending to the west and across Allison Brook, from Concha 20 and 21.

The United Empire Mine found sulphides 1.87 – 2.8 % copper and 2.5grams of Au Ag/ton. See Min File 92H SE 078.

The King Group was staked to the north and east of Concha 1, DOUG H.H. and Ruth G.H. #2. A total of 15 claims for the King Group were staked. This area was staked to cover the known fault zone there, the air born geophysical report, etc. # 318 Kennecot Explorations, dated June 12 to Nov. 5/59.

The J.R. Group (1-25) to the north of the King Group had a geochemical survey done by DiaMet on July 2000, # 26305. This survey had disappointing results, soils, but that may be due to deep overburden in the area. They returned the property to G. Webster of Princeton. The Kennecot Group did some depth penetrating work to establish the over burden depth of the J.R. Group there. The best exposure is near Hayes Creek.

Some E-W lines are planned to the west of DOUG H.H. and Ruth G.H.#1 boundary to try to intercept the work of K.W. Livingstone Reports 9634 and 10379. One being lead and zinc, the other copper geochemistry.

Grandby Mining Company 1951-1990

A drill hole 73-4 is located on GUY #4 (Nustar's Property) eastern boundary and Concha claim co-ordinates 49+00E – 51+00N. The hole was drilled to 600 feet with the top 232 feet averaging 0.25 – 0.30 % copper. No gold values were reported.

Nustar drilled other holes, the best one being DDH00-1 GUY 4 or Concha coordinates 46+75E and 49+75 N, a vertical drill hole, 52' to 303'. An alteration of gypsum and pyrite, the continuous 130' section 303' to 433', a 130' section assaying 0.25% copper. Contained within this section 353'-433' an 80' section assaying 0.34 % copper and 0.01 oz/ton Gold; 388' to 418', 30' assayed 0.52% copper; the section 403'-418', 15 feet, the copper was 0.597% and gold the equivalent of 0.022 Oz/ton. This assay also includes values in platinum and palladium. Refer to figure 5 to see drill hole locations and geophysical data.

The separation of these drill holes is 300 meters, DDH 73-4 to DDH 00-1 at azimuth of 240° DHH 73-4 elevation 2800' and elevation of DDH00-1 2500', a difference of approximately 300'.

This information was written by James W. McLeod, president of Nustar Resources Miner Mountain Drilling, from Market News Publishing, dated May 18/00 #0002.

A drill hole was reported drilled to 1000' near road, GUY 6, S.E. corner, by Nustar. No information is had about this at this present time. Other than the drill was seen on location on or about July 23/02.

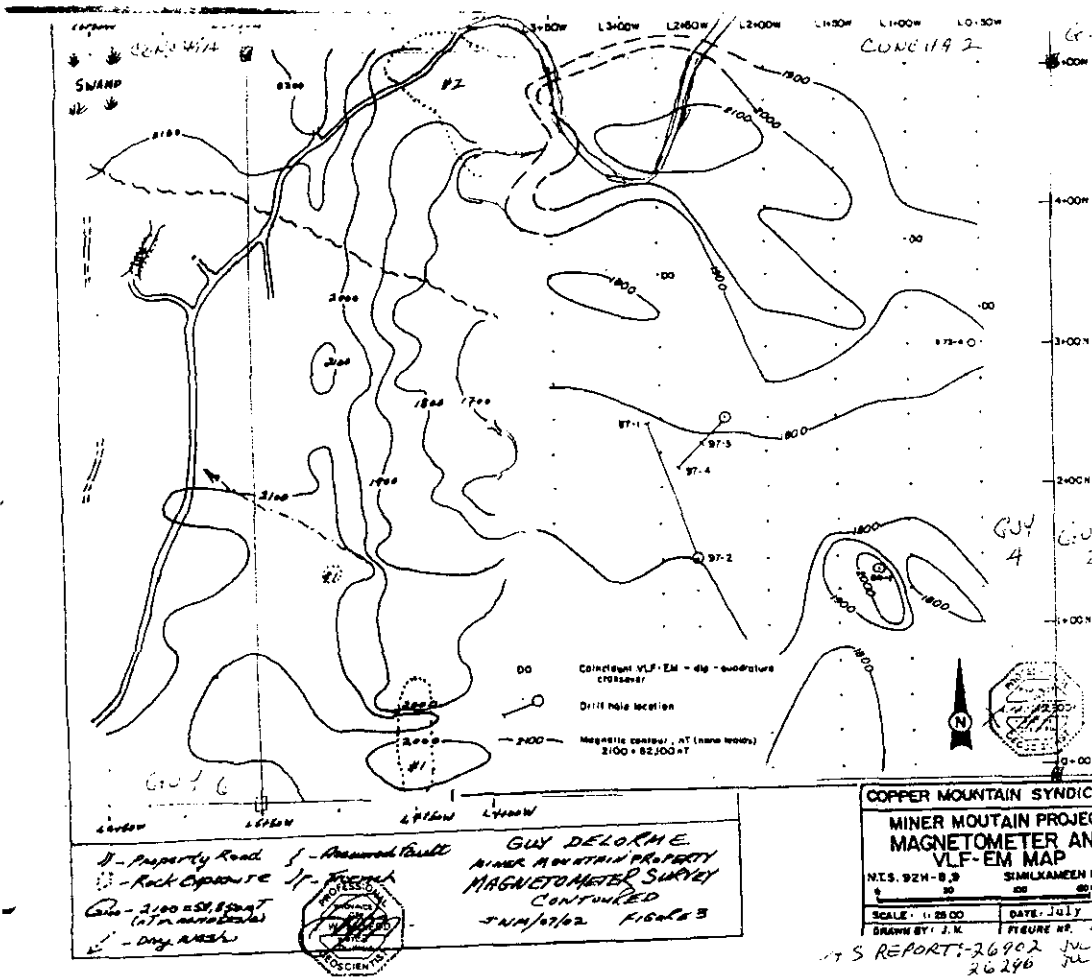


Figure 5: Geophysical Data and Drill Hole Location from Nustar-Copper Mountain

This is Nustar-Copper Mountain Syndicates' claims showing the geophysics and DDH locations on Map 92H 8W, Miner Mountain. Between DDH 73-4 and DDH 00-1 is a possibility of 10,000,000 million tons of copper ore 0.30% to 0.45%, inferred.

The Phil Neilson I.P. Survey # 6336, July 1977.

The axis of the H15 baseline is N30°E, H15 line 4+00N – 1+50W intersects the Concha 1 and Concha 2 #1 post. The contours of 3.0 and 4.0 east side of Concha 1 and passing through the center of DOUG HH#1 (seem to agree with known copper gold anomaly - Hopper) where the fault passes (N.E. direction) and Mr. Livingstone's copper lead zinc survey indicates mineralization. This is an area of further prospecting and soil sampling going west from the known copper anomaly. Located N.W. corner of Ruth GH #2 reports 10379 at 9634 by Mr. Livingstone.

The Don Cochrane and E.B. Nichols induced polarization surveys.

7.0 PAST HISTORY OF OLD WORK AND NEW IDEAS AND USES OF IT

The Don Cochrane I.P. Survey, Great Slave Mines, #1721 dated Dec. 1968, G.E. Claims Miner Mountain and Mr. E.B. Nichols, I.P, survey, for Climaz Copper Mines Report 488 dated July 1963 again for the same G.E. Claim Group.

These two great works have been plotted up together and hooks up with Mr. Vissers I.P Survey of 1997 and now covers Concha 19 to 21 along with the copper geochemistry occurring together.

Two to three other lines are planned on the west side of Mr. Vissers work i.e. 35+00E and 34+00E and possibly 33+00E near Alison Creek, all south of claim line 43+00N.

Some other lines 42+00E and 43+00E, east end of Mr. Vissers work to see what reaction happens while over the quartz-carbonate zone near 39+00N or south east corner of Concha 20.

Mingold Resources Inc. geochemistry, TNT Claims. 1988 assessment report 17715 by Kin, J. Taylor, where he mapped all the trenches and did geochemical from 44+00E to 49+00E and 47+00N to 53+00N.

Later Paul Reynolds, 1990 Mingold Resources Inc. did more geochemical work surrounding Mr. Taylor's work and (report # 20221) did lines 36+00E to 43+00E, situated west of Mr. Tailors work.

This work shows a copper-gold zinc and lead anomaly going almost east and west from the coal mine areas GUY 8 to Concha 1 and 2 a distance of 1400 meters. A vacant spot over Deer Valley Creek probably indicates Deer over burden there or another rock unit occurs there. A sharp undulating line S.W. from Concha 1, Concha 4, GUY 6, may indicate a fault.

Taylor's and Reynolds work is included in Hoppers geochemical work and maps.

8.0 POSSIBLE ZEOLITE MINERALIZATION OF CONCHA CLAIM AREAS

A very wide zone of light colored, tan to white rock unit is located at 39+00N – 48+00E to 45+00E. It appears to be striking N & S with a vertical dip to it, near the north boundaries of Ruth G.H. #2 and Doug H.H. #1.

Another area has a white clayey aspect to it and could be moved very easily. The area is along the old railway grade northern part of DAIS #1 west of Conchita 5 and Concha 6. Then continues further north along the road bank, east.

A sample from 69+00N – 48+00E assayed 55.69% SiO₂. Later calculation breakdown 24.87% Se. The Al₂O₃ assayed 12.87%, which is 52.92 ratio Al. The Al quantity of 12.87 is 6.81% or 52.92 x 12.87 = 6.81%.

A formula used from Zeolites of the World by Rudy W. Tschernich (p.32) is as follows:

$$\frac{\text{Si}}{\text{Si} + \text{Al}} \times 100\% = \frac{24.87}{24.87 + 6.81} \times 100\% = 78.50\% \text{ Silicon}$$

This rock may be one of the following harmmotome 69-79%, dachiardite 78-86%, ferrierite 76-87%, heulanite 71-83%. The SiO₂ – Al₂O₃ ratio is 4.33. The other sample DAIS #1 has 81.22% silicon and the SiO₂ – Al₂O₃ ratio is 4.90.

As can be seen in the detailed analysis, there are a great number of elements and varying quantities in these samples. All zeolites have varying mineral associations thus making them a very valuable asset to the mineral world with many practical uses.

The chemical formulas are derived over many samples of a singular unit, then an average is taken. Mr. Rudy W. Tschernich page percentage of silicon in the framework of zeolites is included in this report.

9.0 COPPER PORPHYRY DEPOSITS

9.1 FORM OF DEPOSITS

The overall form of individual porphyry deposits is variable and includes irregular, oval, solid, or hallow cylindrical and inverted cup shapes. (Sutherland Brown, 1969, James, 1971, McMillan and Panteleyev, 1980) Orebodies may occur separately or overlap, in some cases stacked. Individual orebodies measure hundreds to thousands of meters in all three dimensions. Orebodies are zoned with barren cores and crude concentric metal zones that are surrounded by barren pyritic halos (Concha 19-20-21 etc.) with or without peripheral veins. Skarns, replacement manto zones and epithermal precious metal deposits complex. Irregular ore and alteration patterns are due to superposition or overlap of mineral and alteration zones of different ages. Diagrams showing porphyry copper-gold deposits can be found in Appendix 3.

9.2 PORPHYRY COPPER-GOLD DEPOSITS

Principal ore minerals are chalcopyrite, bornite, chalcocite, tennantite, and other copper minerals, native gold, electrum and tellurides; associated minerals include pyrite, arsenopyrite, magnetite, quartz, biotite, K-feldspar, anhydrite, epidote, chlorite, scapolite, albite, calcite, fluorite and garnet.

A great many of the above minerals occur in the copper-gold zones of the Concha porphyry copper gold system.

9.3 ALTERATION

Hydrothermal alteration is extensive and typically zoned both on a deposit scale and around individual veins and fractures. In many porphyry deposits, alteration zones on a deposit scale consist of 'inner potassic zone' characterized by biotite and/or K-feldspar (\pm amphibole, \pm magnetite \pm anhydrite) and an outer zone of propylitic alteration that consists of quartz, chlorite, epidote, calcite, and locally albite, associated with pyrite. Zones of phyllic alteration (quartz, illite, pyrite, kaolinite, \pm smectite, \pm montmorillonite, \pm calcite) may be part of the zonal pattern between the potassic and propylitic zones, tabular or irregular zones on alder and sulphide assemblages.

Economic sulphide zones are closely associated with potassic alteration for several porphyry copper (\pm molybdenum) deposits. Sodic alteration (secondary albite) is associated with potassic alteration in some porphyry copper-gold deposits, such as Copper Mountain and Ajax, British Columbia. (Preto 1972, Bar et al. 1976, Ross et al. 1995) Albitic alteration partly overlaps potassic alteration copper zones on the north side of the Ingerebell deposit at Copper Mountain.

9.4 EXPLORATION GUIDES

Several features of porphyry deposits conducive to exploration are related to their large size. Metal mineral and alteration patterns tend to be large, concentric, and zoned, thus yielding useful clues to areas with exploration potential. Large pyrite halos may be used to delineate the extent of the deposit.

Geochemistry is a good system to explore the dispersion halos such as copper-gold, zinc and lead. Geochemistry can then be plotted up on maps.

Induced polarization surveys have been useful in outlining sulphide distribution in porphyry deposits and magnetic surveys have been used to outline porphyry copper and copper-gold deposits with abundant hydrothermal magnetite and pyrrhotite, and/or magnetite bearing hornfels zones around porphyry related intrusive rocks. Recently ground and airborne gamma ray spectrometry surveys have been used to outline potassic alteration zones related to copper-gold zones in the Mount Milligan deposit in central British Columbia. (R.Shives Pers. Comm. 1994).

10.0 GEOCHEMISTRY

10.1 COPPER-GOLD GEOCHEMISTRY

The latest work has outlined a strong zone, Concha 21, area of copper-gold sitting inside (the Eastern End) the geophysical I.P. anomaly. The average of the gold is 333 parts per billion over the thumb shaped zone. The east end has been faulted off near line 38+00E. Lines 38+00E and 39+00E south end each picked up some gold, whether the continuance will be found there is not known, however further sampling in the area is important. There is porphyry mineralization in this area with mag tuffs, etc.

Further work is planned to the west, i.e. Rock sampling and further soils, as the mineralization appears to be enlarging here, due to the fact that similar mineral quartz porphyry was found in place next to Allison Creek bend in the river, i.e. small quartz veinlets in a silicified unit. Possible I.P. is being thought about for the area.

10.2 ZINC GEOCHEMISTRY

The zinc contours of the Concha 1 & 2) (110⁺) is in the same location as the copper-gold geochemistry and even lines up with the geochemistry to the west Concha 6 and GUY 8.

Again the zinc occurs with the copper-gold on Concha 21. The higher zinc lines 35+25E and 36+00 agree with the high copper gold thumb.

10.3 CALCIUM GEOCHEMISTRY

The idea occurred after reading J.W. McLeod's logs on his drilling report about his rock units and the new find of quartz-carbonate in the S.E. corner of Concha 20.

After plotting up the results, the area on Ruth G.H. and the King claims outlines a large zone that has numerous small quartz carbonate veinlets occurring in the andesite. *There is good outcrop in this area.*

The area Concha 1-4 and south of Concha 6, over the old coal mine, the calcium anomalies follow the gold anomalies inside the copper contour areas, suggesting quartz carbonate veins as host to the gold etc. mineralization.

The calcium anomaly Concha 19-21 seems to be a puzzle going from a N.E. direction to an E.W. direction towards Minor Mountain Concha 15, south.

10.4 ARSENIC GEOCHEMISTRY

The arsenic values run between 2 – 40 ppm and has been contoured up and suggests an east-west trend from Concha 21 to Minor Mountain south of Concha 15. The

large quartz carbonate zone S.E. of Concha 20 seems to be much higher in arsenic than other areas, plus one of the highest gold values of the property.

The thumb shaped anomaly. Lines 34+00E and 33+00E should be done if possible, but it gets a little rough down there due to the topography.

10.5 MANGANESE GEOCHEMISTRY

The large quartz carbonate zone in the S.E. corner of Concha 20 has some of the highest arsenic-copper-gold values of the whole property.

The other rock units that are intriguing are located just south of Concha 21, west end of GNU 26 are porphyries (feldspar), chert, tuffs magnetic, quartz feldspar porphyry, with quartz veining, very erratic directioning, small vugs with crystals (quartz?) and silicified. This unit found at 35+75N – 39+50E (east of road), 36+00N – 36+00E, and 33+00E – 39+50N (near Alison Creek) all have similar characteristics, i.e. erratic quartz veining 1/16" – 3/4 " wide.

The Mn contours where arrived at tabulation the Mn values at increments of 40-50-60 etc. ranging from 30-140 ppm at variable frequencies of 645 available soil and rock samples. Later the soil frequencies were grafted 45-95 a steady, straight line rise =, peaked at 95-105, 105-150, a steady curve downward. The north zone was graft by itself with the results being fairly flat, but was later combined with the south zone, for the above results.

The Mn may be coming from the areas of rock sampling i.e. quartz veins, float 37N-43+50E, 2446 ppm copper, Mn 1028 ppm.

The Mn contours appear to be very strong over the gold copper zone Concha 20 & 21, indicating a trend (?) of N.E. direction. Some more new values Minor Mountain area copper gold anomaly with Mn contours over the area (Concha 15).

The largest zone shows up over the Concha 2, where gold and copper geochemistry is very strong, possibly continuing to Guy # 8 (Nustar Claims) over the old coal mine area.

The claims south of Concha 2 and 4 (New Stars Claims) Guy 3-6 do show good gold and copper, but the assaying of Mr. Taylor's reports did not have Mn assay values.

Mr. McLeods report on DH 97-2 indicate values up to 2000 ppm Cu, As to 14-31 ppm, Mn 1300-1800 ppm, Ca 5.0-1.49%, gold 0.001 oz/ton (\$3.6 US per ton at \$360 US Gold). These are down the drill hole assay values. Drill hole 2000, has intercept at 80 feet with 0.34% Cu and 0.010 oz/ton (353' to 433').

11.0 PLATINUM AND PALLADIUM ASSAYS

On pages 15 A, B and C (Assay Section), two soil samples were assayed with the higher gold ppb. For these samples to have any Pt or Pd is somewhat remarkable. Sample #6, 37+00N - 43+50E has low Pt and Pd values as opposed to Cu 2364 ppm and 1100 ppb Au (a quartz sample with visible chalcopyrite). Sample 39+00N - 42+50E, taken from the large quartz structure just north of the above sample. Sample 45 - 50E - 53+00N siliceous material from the road bend on Concha 2. Further sampling may be undertaken from this area.

12.0 RECENT PAST WORK - SOIL SAMPLES

The physical work for this period has been recorded (approximately Oct. 28/01 to Oct, 30/01). The King Group was staked and soil lines L58+00E-69+00N to 68+00N-50+00E, L51+00E-38+00N to 51+00E-35+00N a total of 23 soil samples. Also soiled were 42N (49+00E to 55+50E) 14 soil samples. On Sept. 2/00 we staked the DOUG H.H. #1 and Ruth G.H. 2 and ran the lines 50 E and 51 E, 68+50N to 63+50N for 22 soils and several rock samples. \$894.59 was spent this year.

The soil samples were all taken 4-6" deep, then place soil bags (made for this purpose). Along lines not flagged due to cattle range, the co-ordinates are marked pm the bags for location purposes, at every 50 meter intervals with 100 m line spacing. The samples were dug up with the use of a mattock.

Line 39+00E has been soiled with small pickets or stations for some accuracy on the line and immediate area.

13.0 WORK DONE ANT 1 & 2 CLAIMS (April 29 - May 3/03)

The ANT Claims located 2.5 kilometers north of King #5, Map 92H058 (see north portion of the Concha Claim Group). The northing 5491000 and easting 686000 mark the northern boundary of the ANT Claims of 8 units.

The ANT Group was staked to cover some of the anomaly of copper geochem, which covers the length of ANT #2 (80-400 ppm) along with two large induced potential areas near the old railroad bend northeast of Jura, which has a south east axis.

Several soil and rock samples were taken. Along ANT 0+0 to ANT 100S there were 3 soil samples taken and from ANT 150S to 250S, 5 rock samples were taken (very rusty material, with ultra basic rock appearance). ANT 1 and 2 Rock (Gabbro) were taken in the northwestern corner of ANT 2. These samples were taken at 50 meter intervals, with a mattock and placed in paper bags made especially for this purpose. They were then taken home, air dried and later delivered to the assayers, which in this case was ACME labs. Refer to Figure 3, Concha North Group Map 92H058 for the locations of the above samples.

14.0 IDEAS AND RESULTS FROM APRIL 29 – MAY 3/03 TRIP

The geochemical lines 34+50 E and 32+75 E have extended the grid to Alison Creek with good gold and copper geochemical values. The distance from line 35+25E to 32+75 E is 300 meters.

The scattered rock samples over the line 36+00E, 36+00N to 39+00N also indicate good gold values in the variety of rocks found there, with varying amounts of copper, pyrite, K-spar, intense silicification, i.e. numerous quartz veinlets, erratic directions of strike, magnetite-copper, magnetite solely and epidote alteration (etc).

The copper and manganese geochemical map results indicate a southwest strike and further work to the south of line 35+00N should be carried out in the form of new soils and rock sampling for further prospecting. This could be done before induced polarization begins as it is cost effective in results when in comparison to IP exploration costs.

The copper gold zone now extends from line 32+75E (Alison Creek) to 47+00E a distance of 1500 meters, possibly another 500 meters depending on the latest lines there east of 47+00E. See the New-Old geophysical map (figure 5), showing Vissers IP and Nichols earlier geophysical work in the Concha 21 to Concha 19 areas.

Since this area has copper-gold geochemistry and IP results over an area 1500 meters long and with average widths of 300 – 500 meters wide, it should make a very impressive target for drilling.

15.0 WORK DONE CONCHA CLAIMS APRIL 29 – MAY 3/03

SOIL SAMPLES

L34+50E	35+00 N to 40N	10 Soils
L34+50E	39+35N manganese stain, black mineral non-magnetic	1 Rock G
L34+50E	37+00N siliceous volcanic, numerous quartz stringer, rusty non-magnetic, tan stain	1 Rock G
L34+50E	36+50N siliceous, K-spar alteration, manganese stain, quartz veining	1 Rock G
L34+50E	38+50N siliceous tan staining, epidote	1 Rock G
L32+25E	39+00N to 37+00N	5 Soils
L32+75E	37+00N to 35+00N	5 Soils
L35+00N	33+00E to 34+00E	3 Soils
36+50N	32+75E siliceous fine grained dark rock, rusty clotty spots, epidote, trace of pyrite, hematite staining	1 Rock G
33+00E	35+25N quartz, pink stain, quartz veining, rusty	1 Rock G
L51+00E	38+00N to 41+50N	8 Soils
L50+00E	38+00N to 40+50N	6 Soils
38+00N	48+50E	1 Soil

L48+00E	38+00N to 43+00N	11 Soils
L49+00E	38+00N to 43+00N	11 Soils
L39+00E	34+00N to 32+00N	5 Soils
38+00N	49+50E and 50+50e	2 Soils
48+00E	39+50N andesite-quartz-carbonate veins in breccia filling, fizz, Minor Mtn. 45 ppm Cu, 2.6 ppb Au	1 Rock
19+00E	39+00N sediment, quartz-carbonate veins, light fizzing, Minor Mts. 117 ppm Cu, 3.0ppb Au	1 Rock
36+00N	36+50E volcanic, fizz with vinegar, 88 ppb Au	1 Rock
36+60N	35+40E rusty, magnetic, black spots, volcanic, 252 ppm Cu, 694 ppb Au	1 Rock
36+60N	35+80E sil. volcanic, magnetite spots and specks, 44 ppm Cu, 10.68 % Fe, 70 ppb Au	1 Rock
36+00E	36+60N quartz, pyrite specks, some carbonate, good sample, 266 ppm Cu, 19 ppb Au	1 Rock
35+50E	37+60 N coarse grain basic rock, extremely magnetic, malachite stain around sulphide clots, 12242 ppm Cu, 6.8% Fe, 8225.0 ppb Au	1 Rock
36+80N	35+00E sil. volcanic, black specks, erratic quartz stingers, 110 ppm Cu, 459 ppb Au	1 Rock
36+60E	38+25N quartz breccia vein, the head of a trench, 105 ppm Cu, 25 ppb Au	1 Rock
36+00E	37+60N (east of copper showing) K-spar alteration, quartz, epidote, 74 ppm Cu, 318 ppb Au	1 Rock
34+50E	38+00N rusty, pyrite or chalcopyrite, 1 ppm Cu, 17.1 ppb Au	1 Rock
36+00E	36+30N sil. volcanic, 58 ppm Cu, 30 ppb Au	1 Rock
36+50E	38+00N sil. volcanic, pyrite or chalcopyrite, black mineral – not magn., 159 ppm Cu, 53 ppb Au	1 Rock

TOTAL: 67 soil and 19 rock samples

In the above samples, the ones with more than 100 ppb Au are considered anomalous.
They are plotted on the sketch, figure 6.

PIPE LINE

ROCK ASSAYS
Cu Au (PPB)
PPM
SCALE 10x20

L34450E

L35+25G

L36400E

39N

105-25 ~~Qz~~ PBOB
STGR

-----TR

PITS+TRS

MINI STAINING x

454 ~~2~~ x

x 74-318 K.SPAP

38N

38N

x 159-53

12 x

AW
0.2/TON
= 0.182

37N

342-564

110-459-25-36

37N

MAGNETITE x 44-69

MAGNETIC x 252-692

x 245-50 Q+2 PJ Specks ALTERED
x 266-19

36N

36N

x 58-30
x 22-88

x x x x x FENCE

FIG 6 ROCK SAMPLE LOCATIONS SHOWING COPPER+GOLD, WORK APR 29-MAY 3/03 P.24

16.0 WORK DONE PERIOD OCTOBER 19 – 21/03

The ANT 1 & 2 was abandoned and re-staked with the new post on the old road where it should have been originally.

A new zone has been located near Alison Creek and Old Headly Road, entry to several houses. A large scree or slide, by the roadside, east has a great amount of quartz veining and volcanic basalts that has vugs now filled with quartz, and other silicified rock units.

Portions of the slide has been sampled without good results.

A possible line of soils higher up and below the outcrops may reveal the presence of gold or other minerals.

39E-29E Rusty quartz calcite spots or white oxide 43 ppm Cu Au 2 ppb
39+60E 28+50N "A" Quartz and chalcedony ½" stringer in silacious volcanic and quartz with angular fragments 28 Cu ppm 1.6 Au ppb
39+60E 28+50N "B" Vuggy quartz numerous small quartz crystals, breccia fragments 14 Cu ppb 0.5 Au ppm
39+60E 28+50N "C" Quartz Breccia, black stains 29 Cu ppm Au 0.6 ppb
39+60E 28+50N "D" Volcanic with quartz filling in gas holes, large vugs, chalcedonic lining with angular breccia fragments 57 Cu ppm 0.5Au ppb
Nov 17/03 A30 5428 (INV) above

17.0 WORK DONE PERIOD NOVEMBER 14 – NOVEMBER 27/03

Princeton Concha Claims:

34+50N	33+50E Rusty fractures bleached andesite	113 ppm Cu 8ppb Au	Rock
34+40N	33+40E bleached andesite ½" quartz veins	79 Cu ppm 3 ppb Au	Rock
66+00N	49+00E (Δ 63) andesite with quartz veining		Rock
66+40N	50+00E and rusty quartz stringers and patches – hematite epidote – black staining Near Δ 62	4.75% Fe 108 Cu ppb 3.4 Au ppb	Rock
66+55N	50+00E quartz and hematite	158 Cu ppm 21 Au ppb	Rock
66+00N	50+30E quartz andesite veining float?	98 Cu ppm Au 3.3 ppb	Rock
66+40N	50+00E Andesite with 1 – 2" vein quartz hematite stain	266 Cu ppm 5.2 Au ppb	Rock
34+00N	34+50E Bluish rusty rock	122 Cu ppm 24.3 Au ppb	Rock
61+00N	50+00E fence line quartz diorite?	30 Cu ppb 1.2 Au ppb	Rock
29+50N	39+00E (head zone) quartz veining talus slope	14 Cu ppm 1.0 Au ppb	Rock
64+40N	50+00E fence float- andesite with quartz and quartz veining	197	Rock

	Cu ppm 21 Au ppb	
29+70N	39+00E (head) quartz with vein with a trace of purite 22 Cu ppm	Rock
	2.0 Au ppb	
64+00	49+80E	
66+00N	49+70E	4 soils
34+50	34+50N	
33+50E	33+50N	5 soils
33+65	34+70N	
32+75E	34+60N	8 soils
Head		1 soil
		Total 18 soils
	1 Water sample	

18.0 RESULTS OF GEOCHEMISTRY OCTOBER 19 – NOVEMBER 17/03

Upon investigation of the area west of DOUGHH#1 fault and west a number of rocks and soils were taken over the fault 20NE and they have copper and gold copper anomalies which, when plotted, there is a probable continuity from the line ends of 48E+49E north boundary of Concha 1 and the area just west of the witness post DOUGHH#1 and south. All these samples taken are well below the surrounding elevation. There could be something in the soil or another rock unit stopping the migration of mineral elements to the existing surface.

The next area prospected was 34+50E to 34+50E and 35N to 33+00N and the result was a gold anomaly of 20 ppb+ inside a copper anomaly of 100 ppm+.

The manganese, calcite and arsenic maps indicated this was an area to explore and the prediction proved to be correct. Further work is planned for the east of this target.

19.0 GEOPHYSICS PLANNED

Lines 36E, 35E, 34E, 33E and 32E between 43N + 28N =	7,500 m
2 Lines west of Alyison Creek	1,000 m
5 Lines south of 35N at 500 m. each	2,500 m
42E, 43E and 44E 3 lines at 1,500 m.	<u>4,500 m</u>
	15,500 m

This is a total of 15.5 km.

APPENDIX 1

Expenditure Summary

Concha Claims EXPENSES July 2002

July 23 2002	Travel Vancouver to Princeton and opened Concha 1 and 2 and Cash group Amarrah 1 and 2. (Soils) Did line 43E to the south. A. Brandys 1.5 days@275/day D. Hopper 1.5 days@275/day	412.50 412.50
July 24 2002	(Soils) Did lines 37+75E and 35+25E. Later searched stations minor mountain. A. Brandys 1.5 days@275/day D. Hopper 1.5 days@275/day	412.50 412.50
July 25 2002	(Soils) Did lines 66N-69N N of Dough #1 and Ruthgh # 2. Later soiling around Miner Mountain. A. Brandys 1.5 days@275/day D. Hopper 1.5 days@275/day	412.50 412.50
July 26 2002	Drove Princeton to Vancouver A. Brandys 1 day@275/day D. Hopper 1 day@275/day	275.00 275.00
July 27 2002	Sorting out soil samples 1/2 day @275	137.50
July 18 2002	Mining supplies Deaken	27.65
July 11 2002	Assaying 103 soils and 8 rock samples. File # A201883 and A201884	1573.97
July 23-26 2002	Rent Food-Meal. Truck Rent	794.19
	Assaying 87 samples A202914, A202915	1210.17
July 23-26 2002	Truck rental.	40.00
	Gas.	15.00
Sep 19 2002	Assaying Aug 30-Sep 17/02. A202915	128.00
	TOTAL	6951.54

Concha Claims EXPENSES Oct 17-19 2002

Oct. 17 2002	E. Fowler and D. Hopper drove to Princeton B.C. We staked the GNU26, 1N-5E and took soils on 32E 38+50N to 34+50N Wages for E. Fowler Wages for D. Hopper	275.00 275.00
Oct. 18 2002	E. Fowler and D. Hopper sampled (soils) 38+50N 30E to 31+50E D. Hopper 1/2 day E. Fowler	137.50 137.50
Oct. 19 2002	Concha 20 and 21 rock and soil sampling. Prospecting near copper - gold anomaly Concha 21. Wages for E. Fowler Wages for D. Hopper	275.00 275.00
Oct. 17-19 2002	Truck rental.	180.00
Oct. 17-19 2002	Food meal refreshments	193.30
Oct. 17-19 2002	Gas.	142.76
Oct. 18 2002	Rent	135.70
	Assaying A204713, A204715	683.20
Oct. 24 2002	Deliver samples to ACME. E. Fowler - D. Hopper and truck and sorting and logging rock samples.	120.00
	TOTAL	2829.96

Concha Claims Princeton B.C. EXPENSES Nov. 19-21 2002

Nov. 19 2002	A. Brandys and D. Hopper drove to Princeton - Very rainy.	275.00 275.00
Nov. 20 2002	We re-staked Concha 21 and did line 39E 42+50N to 35+50N D. Hopper A. Brandys	275.00 275.00
Nov. 21 2002	We did L 42+00E 39+50N to 36N then 36N 42+50E to 40+00E D. Hopper A. Brandys	275.00 275.00
	A total of 31 soils + 7 rocks A205340, A205339	1650.00
Nov. 19-21 2002	Food Room rent Gas Film Truck rent	218.15 135.70 61.50 6.86 252.71
	# A204713 Assaying	528.05
	TOTAL	2852.97

EXPENSES January to April 2003

Jan. 30/03 to Mar. 19/03	Report Writing and Material Searching	2000.00
Jan. 30/03	Drafting and Re-drafting	1000.00
Jan. 30/03	Printing expenses	163.20
Jan. 21/03	Printing expenses	9.16
March 19/03	Invoice A103918R. Re-assaying some samples for platinum and palladium	120.64
April 8/03	Equipment Rental - GPS indicator, hip chain, Compass, etc.	503.69
	TOTAL	3796.69

EXPENSES October 19 to 21, 2003

Oct 19/03	Travel to Princeton	
	A. Brandys	290.00
	D. Hopper	290.00
Oct 20/03	Staked ANT 1 & 2	
	Prospected new zone by Allison Creek and Headly Road	
	A. Brandys (day) $\frac{3}{4}$ x 290.00	217.50
	D. Hopper (day) $\frac{3}{4}$ x 290.00	217.50
Oct 21/03	Rained out – returned home	
	A. Brandys	290.00
	D. Hopper	290.00
	Returned to ANT 1 & 2 to clear tree	
	SUB-TOTAL	1595.00
	Expenses at Princeton	743.59
Nov 3/03	Taxi (5 samples to Acme Analytical Labs)	6.50
	D. Hopper	50.00
	SUB-TOTAL	800.09
	GRAND TOTAL	2395.09

EXPENSES NOVEMBER 14 – 17, 2003

Nov 14/03	Rented vehicle and motored to Princeton A. Brandys D. Hopper	290.00 290.00
Nov 15/03	Soiled, prospected on DOUG 1 to the west of and on fault zone. Weather snow on ground and cool A. Brandys D. Hopper	290.00 290.00
Nov 16/03	Staked the IBEX claim then sampled the mountain above Mans House (from) 34+50E – 34+100N 2+50S & 250 m west on roads and straight lines rock & soils A. Brandys D. Hopper	290.00 290.00
Nov 17/03	Packed up and returned to Vancouver A. Brandys D. Hopper	290.00 290.00
	SUB-TOTAL	2320.00
Nov 14 – 17/03	Credit card:	
Nov 14/03	Meal – Golden Restaurant	35.13
Nov 14/03	Refreshments	18.35
Nov 15/03	Refreshments	33.10
Nov 15/03	Refreshments	58.50
Nov 15/03	Meal	68.66
Nov 16/03	Refreshments	21.00
Nov 16/03	Refreshments	12.15
Nov 17/03	Gas	58.19
Nov 17/03	Meal	14.28
Nov 14 – 17/03	Truck rental	173.37
Nov 17/03	Gas	18.49
Nov 14 – 17/03	Motel rental	135.70
	CREDIT CARD SUB-TOTAL	646.92
Nov 14-17/03	Cash:	
Nov 14/03	Meal	19.90
Nov 14/03	Grocery	5.18
Nov 14/03	Food	1.89
Nov 15/03	Supplies	20.30
Nov 16/03	Meal	24.00
Nov 15/03	Food	9.11
Nov 16/03	Food	9.47
Nov 16/03	Sandwich	5.00
	CASH SUB-TOTAL	94.85
Nov 17/03	Inv A30 5428 – 5 rock samples	96.30
Nov 25/03	Delivered samples to Acme Lab	50.00
Nov 25/03	Taxi – C.N. station – Acme	8.00
Dec 9/03	File A30 5837 & A305836 1 water sample A305838, 18 soil & 13 rock – 1 water	541.42
Dec 22/03	Printing	137.39
Dec 22/03	D. Hopper – report Typing	175.00 150.00
	SUB-TOTAL	1158.11
	GRAND TOTAL	4219.88

TOTAL EXPENSES 2002 - 2003		
Total Costs	July 23 - Sept. 19/02	\$6,951.54
	Oct. 17 - 19/02	\$2,829.96
	Nov 19 - 21/02	\$2,852.97
	Jan. 23 - Apr. 21/03	\$3,796.69
	Apr. 21 - September 10/03	\$8705.96
	Oct 19 - 21/03 +	\$2,395.09
	Nov 14 - 17/03 +	\$4,219.88
	TOTAL	\$31,752.09

RECAP OF RECORDED EXPENSES 2002 - 2003		
Date	Event Number	Recorded Amount
Aug 30/02	3183587	\$ 3,100.00
Nov 5/02	3186525 ✓	5,800.00
Dec 12/02	3188433 ✓	3,200.00
Apr 25/03	3193801 ✓	5,000.00
Jun 23/03	3196525 ✓	6,100.00
Sept 23/03	3200255 ✓	1,800.00
Nov 5/03	3202259	2,200.00
Dec 18/03	3203774 ✓	3,600.00
	TOTAL	\$30,800.00

APPENDIX 2

Porphyry Copper-Gold Deposits

Kemess Mine Ore and Operating Costs

Porphyry Copper-Gold Diagrams

Copper Porphyry Deposits

Form of Deposits

The over all form of individual porphyry deposits is variable and includes irregular oval, solid or hollow cylindrical and inverted cup shapes, (Sutherland Brown, 1969) James 1971, McMillan and Panteleyev 1980) orebodies may occur separately or overlap, in some cases stacked. Individual orebodies measures hundreds to thousands of meters in all three dimensions. Orebodies are zoned with barren cores and crude concentric metal zones that are surrounded by barren pyretic halos (Concha 19-20-21 etc) with or without peripheral veins, skarns, replacement manto zones and epithermal precious metal deposits complex, irregular ore and alteration patterns are due to superposition or overlap of mineral and alteration zones of different ages.

Porphyry Copper-Gold Deposits

Principal ore minerals are Chaccopyrite Bonite, Chalcocite, Tannantite, other copper minerals native Gold, Electrum, and Tellurides; associated minerals include Pyrite, Arsenopyrite, Magnetite, Quartz, Biotite, K Feldspar, Anhydrite, Epidote, Chlorite, Seapolite, Albite, Calcite, Floor, garnet.

A great many of the above minerals occur in the Copper-Gold zones of the Concha porphyry Copper-Gold system.

Alteration

Hydrothermal alteration is extensive typically zoned both on a deposit scale around individual veins and fractures. In many porphyry deposits, alteration zones on a deposit scale consist of "inner potassic zone" characterized by biotite and/or K feldspar (Amphibole – Magnetite – Anhydrite) and an outer zone of Propylitic alteration that consists of Quartz, Chlorite, Epidote, Calcite, locally Albite associated with Pyrite. Zones of phyllic alteration (Quartz, Illite, Pyrite, Gadolinite, +Smectite +Montmorillonite+, Calcite) may be part of the zonal pattern between the potassic – Propylitic zones tabular or irregular zones on older and Sulphide assemblages.

Economic Sulphide zones are closely associated with potassic alteration for several porphyry Copper (+Molybdenum) deposits, Sodic alteration (secondary Albite) is associated with potassic alteration in some porphyry Copper-Gold deposits such as Copper mountain and AJAX, British Columbia. (Preto 1972; Baretal 1976, Rossetal, 1995). Albitic alteration partly overlaps potassic alteration copper zones on the north side of Ingerbell deposit at Copper mountain.

Exploration Guides:

Several features of porphyry deposits conducive to exploration are related to their large sizes.

Porphyry Copper + Gold

Metal mineral and mountain patterns tend to be large, concentric, and zoned thus yielding useful clues to areas of with exploration potential. Large pyrite halos may be used to delineate the extent of the deposit.

Geochemistry is a good system to explore the dispersion halos such as Copper-Gold, Zinc, Lead Geochemistry then plotted up on maps.

Induced-Polarization surveys have been useful in outlining Sulphide distribution in porphyry deposits and Magnetic surveys have been used to outline porphyry Copper and Copper-Gold deposits with abundant hydrothermal Magnetite and Pyrrhotite, and/or Magnetite bearing hornfels zones around porphyry related intrusive rocks recently ground and airborne Gamma Ray Spectrometry surveys have been used to out line potassic alteration zones in the mount Milligan deposit central British Columbia, (R. Shives pers. Comm. 1994).

Kemess Mine 100% owner: Northgate Exploration Ltd.

Operating Results

At the end of 2002, compared with 1999, demonstrate a stunning turnaround.

1. The mining rate (ore plus waste) increased 50% to 117,800 tons/day
2. The average daily mill throughput increased 22% to 47,400 tons/day
3. Gold and copper recoveries increased by 9%
4. Annual gold production increased 34% to 282,300 ounces and annual copper production was up 55% to 73,000,000 pounds
5. Cash cost of gold production (net of byproduct credits) shrank 40% to US\$204/oz from US\$350/oz.

Kemess Mine Reserves

The proven reserves at Kemess South as of December 31, 2002 were 109,000,000 tons grading 0.71 grams/ton and 0.23% Cu for 2.5 million contained ounces of gold and 564 million pounds of copper. In addition, Kemess South has 47 million tons at 0.48 grams/ton Au and 0.17% Cu.

Milling and Flotation

The average daily mill throughput to 47,420 tonnes last year from 38,700 in 1999.

In May 2002, the concentrator setting new records for gold and copper recovery of 74% and 86% respectively, fourth quarter of 2002. The mill produces an average of 400 tonnes/day of bulk concentrates that grades 23 – 24% Cu and 60g/ton Au. This milling rate averages 115 tons of milled rock or ore to make one ton of concentrate.

The above is from the Canadian Mining Journal, April 2003, pages 12 – 23. If this same technique was used on the Concha properties (where the grade of copper and gold may surpass the Kemess Mine grades) the values may surpass the Kemess Mine production values.

There are many locations from Princeton to Merritt where the mineralization exists to possibly support this type of mining.

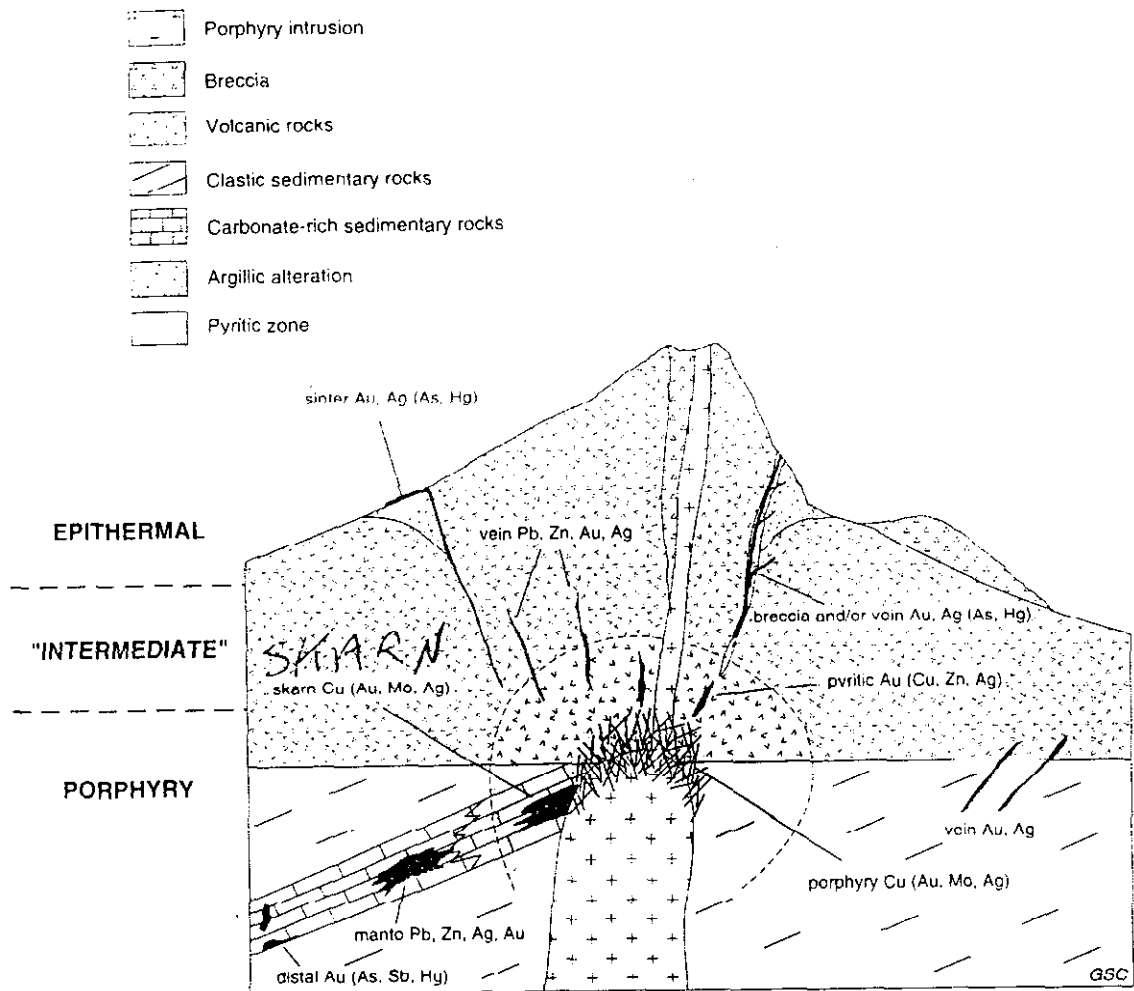
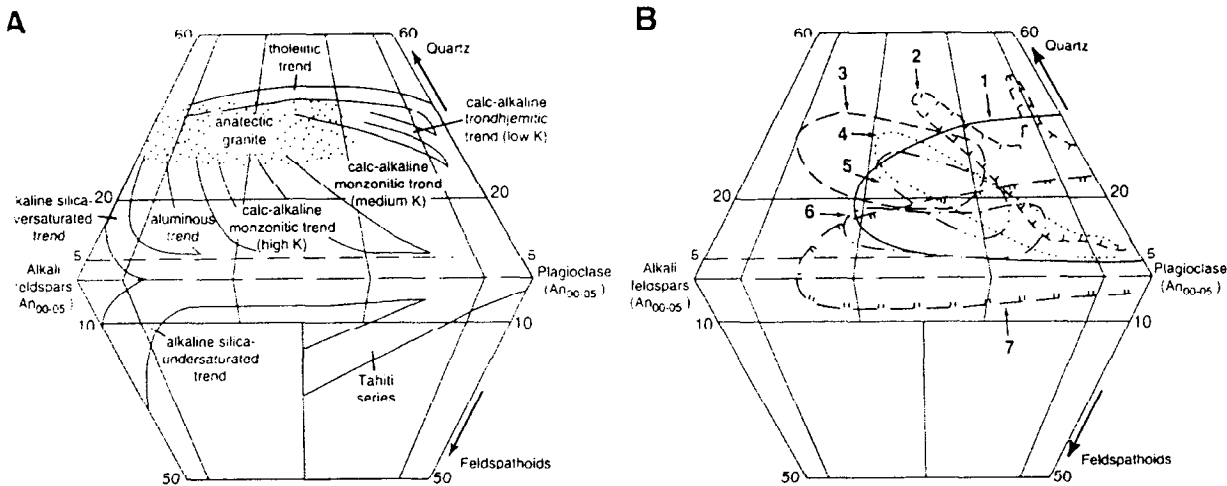
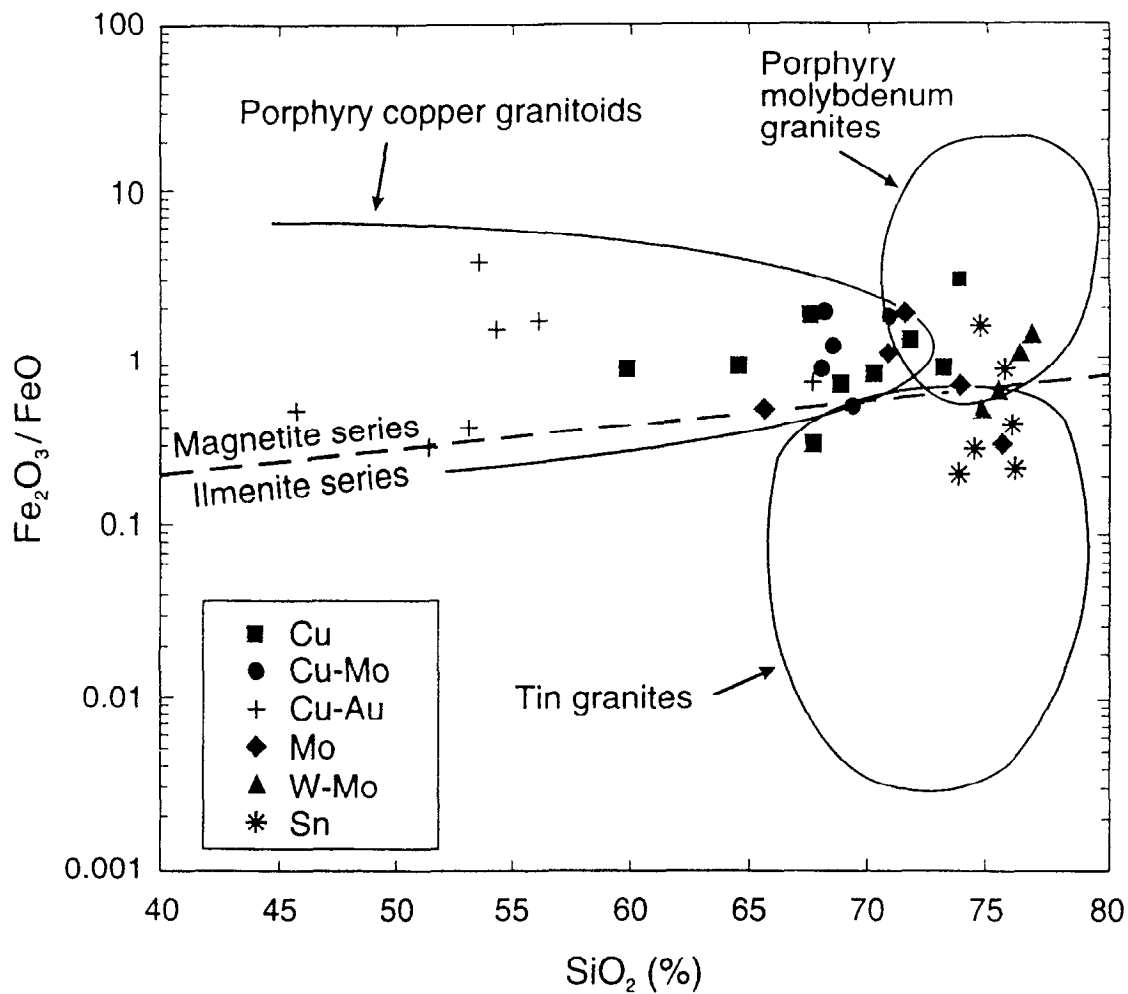


Figure 19-10. Schematic diagram of a porphyry copper system in the root zone of an andesitic stratovolcano showing mineral zonation and possible relationship to skarn, manto, "mesothermal" or "intermediate" precious metal and base metal vein and replacement, and epithermal precious-metal deposits.



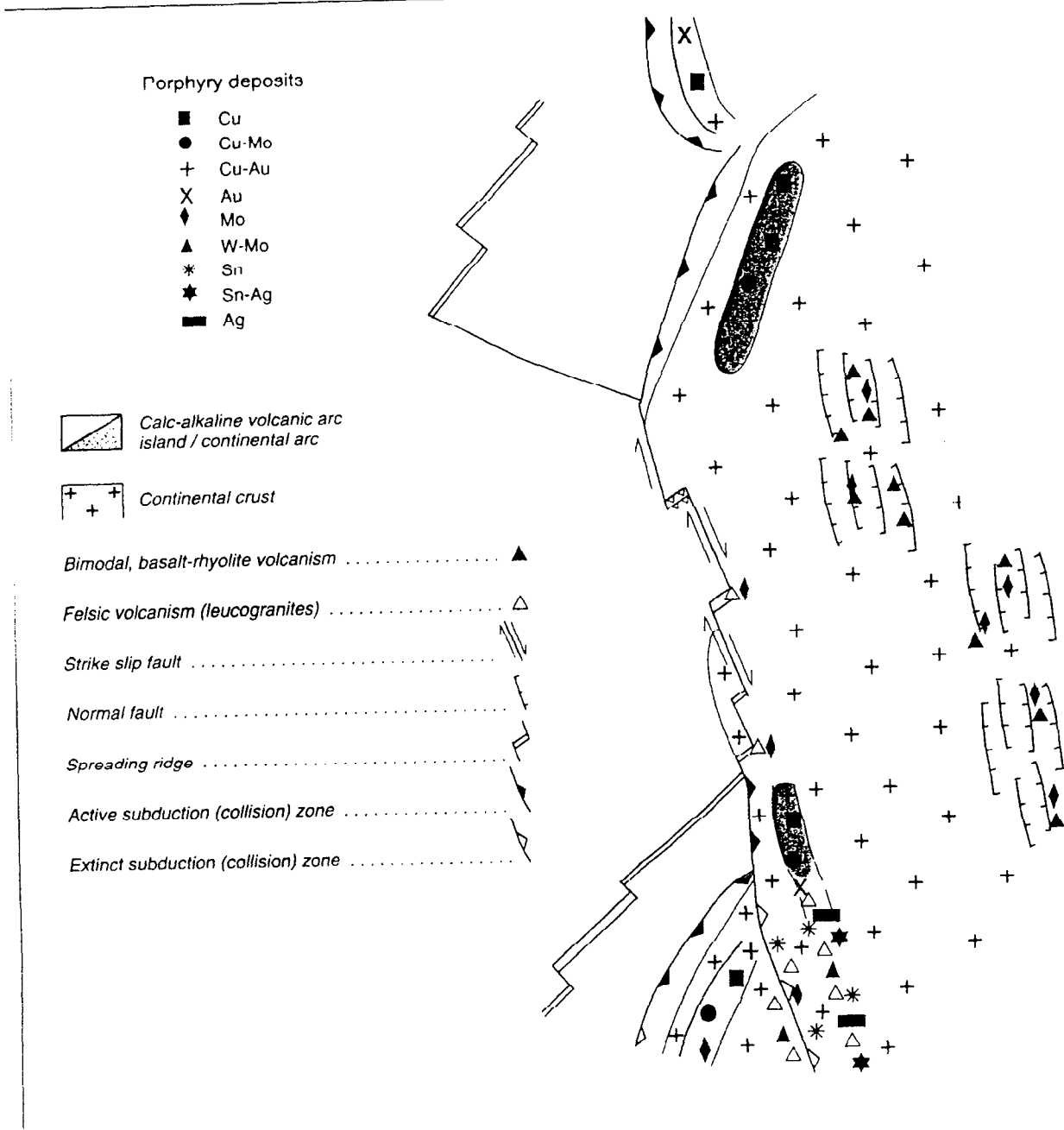
GSC

Figure 19-4. A) QAPF diagram showing schematic relationships between igneous rock suites (after Lameyre and Bowden, 1982). B) Same as A) with data from granitic rocks associated with porphyry deposits. The various trends are as follows: 1 - General field for porphyry copper deposits (R.V. Kirkham, unpub. compilation, 1985); 2 - Guichon batholith (McMillan et al., 1985); 3 - General field for most porphyry tungsten-molybdenum and tin deposits (R.V. Kirkham, unpub. compilation, 1985); 4 - Cornelia pluton, Ajo (from Kesler et al., 1975); 5 - General field for most porphyry copper-molybdenum deposits (R.V. Kirkham, unpub. compilation, 1985); 6 - Bingham-Last Chance stocks (from Kesler et al., 1975); 7 - General field for porphyry copper-gold deposits (data from Preto, 1972; Barr et al., 1976; Perelló, 1994). Boundaries of the general fields are tentative and need further refinement.

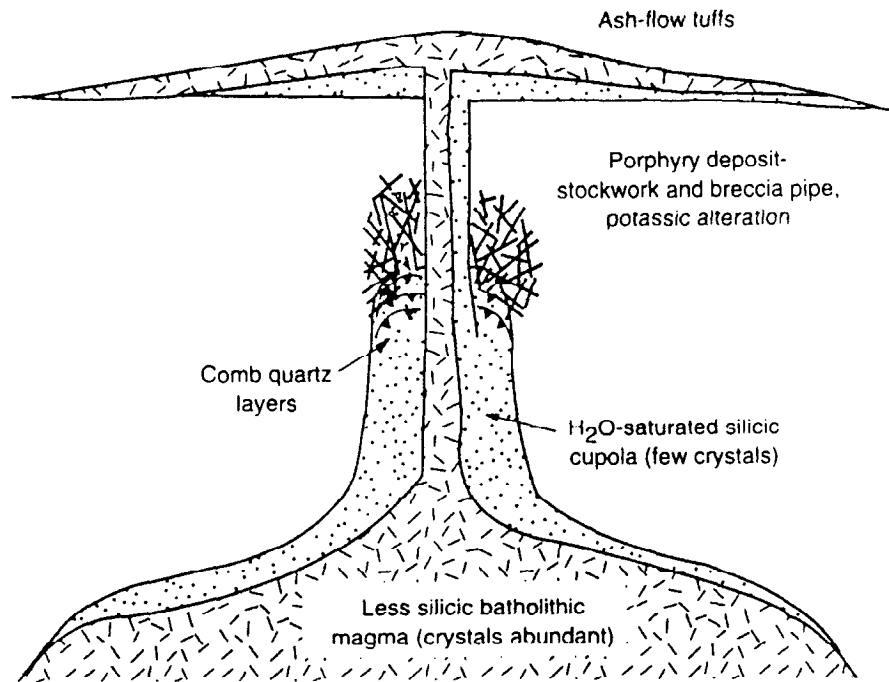


GSC

Figure 19-5. SiO₂-Fe₂O₃/FeO variation diagram for granitic rocks related to porphyry copper, molybdenum, and tin deposits; the fields for porphyry copper granitoids, porphyry molybdenum granitoids, and tin granites are generalized from Lehmann (1990).



Schematic diagram showing the tectonic settings of porphyry deposits.



Schematic Diagram of a crystallizing batholithic mass with an overlying volatile-saturated cupola and related ash-flow tuffs illustrating the environment of formation of porphyry deposits (modified from Kirkham and Sinclair, 1988).

APPENDIX 3

Analytical Results – Acme Analytical

The following assays, 1A to 14A for the years 2000 to 2002, are included in this report, not as monetary costs but have been added to the maps to show the geochemical continuity for each map element, i.e. gold copper geochem map, etc.:

Page	File	Date
1A	A001214 A202915R A202914	May 2/00 Sept. 11/02 Aug. 23/02
2A – 5A	A201883	July 8/02
6A – 8A	A202915	Aug 26/02
9A	A103918 A201884	Nov. 16/01 July 10/02
10A	A001215 A001216	May 2/00 May 2/00
11A	A204714	Nov. 6/02
12A	A204713	Nov. 7/02
13A	A205340	Dec. 12/02
14A	A205339	Dec. 13/02

WHOLE ROCK ICP ANALYSIS

Hopper, Doug PROJECT CONCHA GROUP File # A001214

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

SAMPLE#	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Ni	Sr	Zr	Y	Nb	Sc	LOI	TOT/C	TOT/S	SUM
	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
CONCHITA 5	71.97	14.66	1.28	.48	1.20	2.94	3.90	.35	<.01	.03	.007	916	34	263	180	<10	24	4	2.9	.02	.01	99.89

GROUP 4A - 0.200 GM SAMPLE BY LIBO2 FUSION, ANALYSIS BY ICP-ES. LOI BY LOSS ON IGNITION.
TOTAL C & S BY LECO. (NOT INCLUDED IN THE SUM)
- SAMPLE TYPE: ROCK

DATE RECEIVED: APR 19 2000 DATE REPORT MAILED: *May 2/2000* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD.
(ISO 9002 Accredited Co.)

852 E. HASTINGS ST. VANCOUVER BC V6A 1R6

PHONE (604) 253-3158 FAX (604) 253-1716

WHOLE ROCK ICP ANALYSIS

Canica Ltd. PROJECT CONCHA CLAIMS File # A202915R

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: D. Hopper

SAMPLE#	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Ni	Sr	Zr	Y	Nb	Sc	LOI	TOT/C	TOT/S	SUM
	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
L69+00N 48+00E STANDARD SO-17/CSB	55.69	12.87	3.32	.85	2.67	2.76	2.25	.51	.19	.09	.005	699	<20	426	243	16	10	8	18.5	7.28	.07	99.87
	61.55	13.81	5.84	2.34	4.67	4.12	1.41	.62	.99	.53	.436	400	33	319	363	27	19	23	3.4	2.40	5.41	99.86

GROUP 4A - 0.200 GM SAMPLE BY LIBO2 FUSION, ANALYSIS BY ICP-ES. LOI BY LOSS ON IGNITION.
TOTAL C & S BY LECO. (NOT INCLUDED IN THE SUM)
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: AUG 31 2002 DATE REPORT MAILED: *Sept 11/02* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD.
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GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. PROJECT CONCHA CLAIMS File # A202914

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: D. Hopper

(Rock)

AUG 23/2002

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
SI	.5	.4	.5	<1	<1	.5	<1	4	.03	<.5	<.1	<.5	<.1	2	<.1	<.1	<.1	<.1	.10	<.001	<.1	2.7	<.01	3	.001	1	.01	.447	.01	.6	<.01	.1	<.1	<.05	<.1
69+00N 48+00E	5.8	6.3	2.7	5	<.1	5.9	.6	43	1.17	1.5	.4	2.2	1.8	35	<.1	.1	<.1	4	.04	.006	3	22.3	.02	58	.013	1	.17	.064	.19	9.1	<.01	.6	.1	.16	1
35+25E 38+50N	3.7	454.5	9.2	26	.2	8.9	7.8	589	3.00	18.2	.3	7.1	1.0	82	.1	.2	.2	134	4.42	.161	7	23.8	.99	15	.008	7	1.25	.019	.09	.6	<.01	7.3	<.1	.19	8
35+25E 37+00N	.8	25.3	4.4	73	.3	.3	9.7	3641	2.87	4.0	.3	36.1	.5	194	.6	.1	.5	50	19.56	.025	6	2.7	.77	52	.006	3	.81	.017	.05	.7	.01	7.1	<.1	<.05	5
37+75E 40+50N	30.8	407.4	3.5	29	.1	4.0	12.1	901	9.69	2.9	.4	7.6	.4	69	.1	.2	.2	79	2.28	.036	4	10.8	.69	103	.027	4	1.41	.015	.18	17.6	.01	4.4	<.1	<.05	5
WIRSTON CR STANDARD DS3	4.4	1676.6	1.9	52	1.7	142.4	53.2	412	9.97	8.1	.3	166.8	.1	34	.1	<.1	.7	86	.66	.085	2	41.4	1.32	2	.129	<.1	1.57	.072	.06	3.3	<.01	4.5	<.1	6.82	6
	9.1	127.4	30.9	157	.3	35.2	11.9	774	3.08	29.2	6.5	23.0	3.6	25	5.1	5.0	5.2	73	.53	.080	17	178.3	.56	136	.092	2	1.67	.028	.15	3.5	.20	3.8	1.1	<.05	6

are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data MA

PIA (b) 2011 - ARE SAME SAMPLES & LOCATION

GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. PROJECT CONCHA CLAIMS File # A201883

Page 1

907 - 7272 Kingsway, Burnaby BC V5E 1B4 Submitted by: D. Hopper

Table with columns for SAMPLE#, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Hg, Sc, Tl, S, Ga. Rows include various sample IDs like G-1, 68+00N 50+00E, etc.

GROUP 10A - 10.0 GM SAMPLE LEACHED WITH 60 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 200 ML, ANALYSED BY ICP-MS. UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM. - SAMPLE TYPE: SOIL S580 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 24 2002 DATE REPORT MAILED: July 8/02 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P2A

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
<i>49770E</i> G-1	1.1	1.9	2.2	43	<.1	3.7	3.7	492	1.80	<.5	3.0	<.5	5.4	67	<.1	<.1	.2	39	.51	.092	8	11.6	.57	217	.118	2	.83	.062	.46	2.2	<.01	2.2	.3	<.05	4
L51+00E 38+00N	1.4	101.3	9.1	90	.1	13.1	19.1	2043	3.73	9.8	.8	1.1	2.1	45	.3	.3	.1	99	.58	.132	12	20.1	.66	177	.096	4	2.84	.017	.26	.1	.03	10.1	.1	<.05	8
L51+00E 37+50N	.8	85.9	9.7	77	.2	12.3	12.7	977	2.88	12.3	.7	9.1	2.0	45	.3	.3	.1	78	.66	.100	13	18.9	.62	162	.071	3	2.17	.014	.27	.1	.02	5.5	.1	<.05	6
L51+00E 37+00N	.8	117.8	7.8	74	.4	11.4	15.5	1157	3.35	11.9	.8	72.8	1.9	50	.4	.3	.2	88	.67	.097	12	18.3	.64	147	.079	4	2.48	.013	.22	.1	.01	6.6	.1	<.05	7
L51+00E 36+50N	.9	118.0	11.4	94	.1	12.7	17.2	1196	3.64	11.2	.6	2.5	1.9	57	.4	.3	.1	92	.62	.100	10	24.7	.61	135	.113	5	2.50	.016	.32	.1	.03	5.8	.1	<.05	7
L51+00E 36+00N	1.2	138.0	14.6	102	.8	17.4	18.1	1336	4.17	22.3	.4	104.1	1.3	47	.5	.4	.3	104	.79	.102	10	34.4	.89	162	.067	6	2.63	.015	.38	.1	.02	10.1	.1	<.05	8
L51+00E 35+50N	1.1	147.6	9.9	96	.1	13.8	17.4	1265	3.76	6.6	.6	6.2	2.0	48	.5	.3	.1	101	.63	.092	10	23.8	.75	171	.136	6	2.47	.015	.48	.1	.03	6.8	.1	<.05	8
L51+00E 35+00N	.8	94.7	6.3	76	.1	10.2	11.8	908	2.88	5.9	.5	3.0	1.8	44	.3	.2	.1	73	.58	.082	10	17.8	.55	160	.084	6	1.90	.012	.35	.1	.02	5.3	.1	<.05	6
STANDARD DS3	8.9	119.4	31.4	163	.2	34.7	11.9	780	3.22	29.4	6.4	19.8	4.0	31	6.1	5.5	6.0	75	.64	.091	18	188.7	.65	144	.101	2	1.81	.036	.18	3.8	.22	3.5	1.1	<.05	6

Sample type: SOIL SS80 60C.

PSA

GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. PROJECT CONCHA CLAIMS File # A202915 Page 1
907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: D. Hopper

Table with columns for SAMPLE#, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Hg, Sc, Tl, S, Ga. Rows include various sample IDs like G-1, L69+00N 45+50E, etc.

GROUP 1DA - 10.0 GM SAMPLE LEACHED WITH 60 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 200 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

604461
7155

DATE RECEIVED: AUG 9 2002 DATE REPORT MAILED: Aug 26/02 SIGNED BY: D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P6A



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	1.5	2.5	2.0	44	<.1	4.7	3.8	543	1.88	1.1	2.9	2.4	4.7	66	<.1	<.1	.2	41	.55	.101	7	13.5	.55	229	.125	<.1	1.00	.079	.49	2.4	<.01	3.7	.4	.08	5
L47E 38N	1.2	147.0	7.2	73	.2	15.8	17.7	1354	3.58	9.9	.3	2.4	1.2	38	.4	.3	.1	80	.68	.144	11	23.1	.75	278	.025	4	1.84	.006	.28	.1	.02	7.1	.1	.10	6
L47E 37+50N	1.2	128.2	9.0	66	.2	15.4	16.8	1015	3.05	9.9	.4	6.9	2.2	53	.2	.3	.1	81	.68	.114	11	24.1	.70	115	.050	3	1.72	.010	.30	.2	.03	5.3	.1	.07	6
L47E 37N	1.0	116.3	7.9	73	.2	14.4	15.0	1168	3.19	19.1	.4	4.7	1.6	48	.4	.3	.1	78	.71	.107	10	26.5	.63	185	.054	3	1.98	.010	.35	.1	.02	6.5	.1	<.05	7
L50+00E 36+50N 48+70E	.9	204.6	9.0	81	.2	16.8	21.5	1410	4.11	11.5	.4	2.5	1.4	44	.3	.4	.1	102	.61	.107	8	34.4	.65	141	.062	4	2.02	.007	.33	.1	.02	9.5	.1	<.05	7
L50+00E 36+00N	.9	133.9	8.3	78	.1	12.4	17.8	1137	3.28	13.4	.4	1.8	1.5	34	.4	.3	.1	81	.46	.085	9	21.0	.55	185	.058	2	1.74	.008	.31	.1	.01	5.7	.1	<.05	6
L50+00E 35+50N	1.0	181.3	7.9	87	.1	11.4	22.0	1850	4.45	8.0	.5	8.3	1.3	37	.4	.3	.1	124	.52	.082	8	19.7	.69	152	.079	1	1.92	.008	.35	<.1	.04	9.8	.1	<.05	7
L50+00E 35+00N	.8	138.2	8.6	81	.2	10.3	15.7	1219	3.51	9.3	.4	3.6	1.6	37	.2	.4	.1	88	.48	.080	8	17.7	.63	125	.071	3	1.81	.008	.33	.1	.03	6.6	.1	<.05	7
L50+00E 34+50N	.6	86.7	6.6	79	.2	9.3	10.4	1001	2.54	5.9	.4	3.0	1.3	38	.3	.2	.1	61	.59	.076	9	14.7	.41	180	.066	4	1.78	.011	.25	.1	.02	4.1	.1	<.05	6
L50+00E 34+00N	.8	78.1	7.3	90	.2	9.2	11.7	1148	2.76	5.5	.5	3.6	1.8	37	.3	.2	.1	66	.50	.071	9	16.3	.49	168	.072	2	1.76	.008	.28	.1	.02	4.4	.1	<.05	6
L50+00E 33+50N	.9	143.6	8.5	97	.4	9.6	15.9	1448	3.90	7.3	.4	214.0	1.8	38	.3	.3	.1	90	.60	.092	10	18.8	.73	160	.058	4	2.06	.008	.33	.1	.03	8.2	.1	<.05	7
L50+50E 37+00N 49+20E	.8	122.9	47.4	139	.3	12.9	17.5	1259	3.56	16.8	.6	61.6	1.7	42	1.7	.4	.1	87	.51	.090	10	22.3	.63	159	.082	1	2.17	.009	.27	.1	.03	6.7	.1	<.05	8
RE L50+50E 37+00N	.9	120.7	47.0	132	.3	12.7	17.2	1228	3.55	16.5	.6	49.4	1.7	41	1.4	.3	.1	88	.51	.091	9	21.5	.63	161	.083	3	2.20	.009	.27	.1	.01	6.9	.1	<.05	7
L53+00E 69+00N 49+20E	.7	59.5	6.9	74	.2	6.7	7.9	791	1.76	2.9	1.1	1.8	1.7	67	.3	.1	.1	47	1.00	.144	11	10.2	.33	198	.049	3	1.46	.009	.22	.1	.02	1.9	.1	.07	5
L53+00E 68+50N	1.3	104.7	8.3	80	.1	6.6	14.1	1035	2.62	4.5	1.3	2.1	1.3	72	.2	.2	.3	68	.95	.170	10	8.4	.52	142	.063	2	1.60	.011	.22	.1	.04	2.8	.1	.09	6
L53+00E 67+50N	1.0	109.9	6.9	126	.2	9.7	16.8	1013	1.94	3.9	1.2	1.4	1.7	72	.5	.2	.1	49	1.06	.141	19	8.7	.36	160	.060	3	1.70	.010	.22	.2	.02	2.5	.1	.06	6
L53+00E 67+00N	.9	82.7	7.6	71	.2	6.8	10.2	696	1.98	3.6	1.8	1.7	1.4	84	.2	.2	.1	51	.93	.110	11	8.8	.43	205	.060	3	1.61	.013	.21	.1	.03	2.1	.1	.06	5
L53+00E 66+50N	.5	159.9	4.8	65	.3	6.6	9.4	541	2.03	3.0	3.1	3.0	.6	136	.2	.2	.1	61	1.42	.134	9	9.9	.79	156	.055	5	1.70	.021	.17	.1	.03	2.2	.1	.10	6
1N 50+30E-36N 2N	1.0	66.7	8.1	79	.2	7.1	9.1	902	2.28	3.6	.5	7.2	1.3	45	.3	.2	.1	55	.56	.080	9	12.8	.36	155	.070	4	1.73	.011	.21	.1	.01	3.7	.1	<.05	6
	.6	69.5	8.3	76	.2	9.4	9.8	907	2.52	4.4	.6	1.3	1.7	40	.3	.2	.1	63	.49	.071	10	13.3	.37	140	.079	2	1.84	.010	.20	.1	.02	4.0	.1	<.05	6
3N	1.0	83.7	8.2	74	.2	8.1	11.4	1049	2.79	6.8	.6	3.9	1.8	39	.2	.4	.1	68	.46	.075	10	13.3	.49	141	.076	2	1.96	.010	.21	.1	.02	4.9	.1	<.05	7
4N	.7	87.8	7.6	62	.2	8.0	10.8	869	2.52	4.8	.6	2.1	1.7	44	.3	.2	.1	64	.58	.096	9	13.8	.48	118	.069	3	1.62	.009	.23	.1	.02	3.5	.1	<.05	6
5N	.7	75.7	7.9	61	.2	7.5	9.2	783	2.24	6.0	.4	7.1	1.3	44	.4	.2	.1	58	.62	.090	9	12.2	.40	116	.052	3	1.29	.008	.18	.1	.02	3.4	.1	<.05	5
6N 50+30E 33+50N	.8	83.2	15.6	85	.2	11.3	13.1	1129	2.88	8.9	.8	3.7	2.2	43	.5	.3	.1	71	.50	.079	12	15.7	.46	167	.081	2	2.23	.010	.23	.1	.02	5.6	.1	<.05	8
7N	.8	68.2	8.8	71	.1	9.4	11.0	849	2.43	9.8	.6	5.1	1.7	41	.3	.3	.1	61	.48	.085	10	16.3	.45	142	.062	2	1.82	.010	.17	.1	.03	4.1	.1	<.05	6
STANDARD DS3	9.2	126.0	32.3	157	.4	34.3	11.1	778	3.15	28.6	6.5	22.0	3.8	26	5.4	5.0	5.3	72	.52	.080	17	176.1	.54	135	.083	1	1.70	.027	.13	3.7	.22	3.6	1.2	<.05	7

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

PSA

GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. File # A103918

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
SI	<1	1	<3	2	<.3	<1	<1	3	.02	<2	<8	<2	<2	1	<.2	<3	<3	<1	.06	<.001	<1	2	<.01	1	<.01	<3	.01	.30	<.01	<2	<.2
1	2	103	8	73	<.3	13	17	1011	3.70	2	<8	<2	2	44	.7	<3	<3	153	2.17	.140	11	19	2.03	73	.19	6	2.04	.26	.58	<2	2.1
2	3	45	7	55	<.3	18	14	812	3.30	3	<8	<2	3	43	.6	<3	<3	134	2.20	.159	14	33	1.60	105	.21	6	1.96	.34	.85	2	.8
4 68N 5150E	2	928	6	22	.4	4	4	568	2.03	<2	<8	<2	<2	128	.3	<3	<3	115	2.91	.041	2	13	.50	27	.05	<3	.69	.02	.08	3	4.8
5 46E 53N	<1	197	19	230	<.3	6	19	2448	4.76	3	<8	<2	<2	96	.6	<3	<3	187	3.24	.166	11	4	1.96	94	.03	<3	2.04	.08	.24	<2	9.2
6 37A-4350E	1	2446	11	52	11.3	10	21	1028	4.38	20	<8	<2	<2	99	1.4	<3	3	101	5.71	.075	4	20	1.36	91	.03	<3	1.84	.02	.19	<2	1082.2
RE 6	2	2364	8	52	10.7	10	20	999	4.25	21	<8	<2	<2	95	1.3	<3	3	96	5.56	.074	3	17	1.32	86	.03	<3	1.81	.02	.18	2	1100.2
STANDARD DS3	11	130	36	159	.3	35	11	840	3.26	30	8	<2	4	28	6.0	6	6	81	.54	.098	18	188	.60	149	.09	3	1.78	.04	.18	6	22.0

37N-4350

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: ROCK R150 AU* IGNITION BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ROCK SAMPLES

DATE RECEIVED: NOV 6 2001 DATE REPORT MAILED: Nov 16/01 SIGNED BY: C.L. D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. PROJECT CONCHA CLAIMS File # A201884

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: D. Hopper

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm
SI	.1	3.8	1.1	1	<.1	.4	.1	9	.05	2.9	<.1	11.4	<.1	3	<.1	<.1	<.1	1	.18	.003	<.1	3.7	.01	4	.001	<.1	.01	.568	.01	.3	.01	.2	<.1	<.05	<.1
L39+00N 42+50E	6.9	62.8	8.5	52	.2	13.5	16.9	1005	4.24	83.8	.5	49.4	.6	114	.1	.4	<.1	126	12.02	.124	4	28.3	1.25	12	.176	2	2.23	.017	.03	1.1	.02	8.2	.1	.21	8
L43+50E 38+50N	.6	102.3	6.1	69	.1	17.3	15.4	1176	3.91	18.4	.3	1.6	.8	154	.4	.2	<.1	132	6.74	.128	5	40.6	1.38	477	.100	3	1.88	.037	.09	.2	.01	8.5	<.1	.08	8
L39+50N 42+50E	1.2	34.0	2.8	43	.1	9.8	9.5	1222	2.86	41.6	1.1	9.4	.5	150	.1	.2	<.1	93	17.80	.102	4	15.7	1.11	22	.108	2	1.58	.008	.11	.4	.02	4.7	<.1	<.05	6
L51+00E 35+50N	.2	127.3	1.0	61	<.1	17.5	23.3	683	4.47	3.5	.2	2.9	.5	30	.1	.1	<.1	152	1.15	.134	2	34.2	1.86	700	.287	1	2.21	.066	1.31	.4	.02	4.9	.1	<.05	7
L68+00N 50+50E	.3	754.0	3.9	78	.2	6.5	21.1	1390	4.34	2.4	.5	13.2	1.3	196	.2	.2	.1	243	3.91	.203	8	4.7	1.89	130	.163	1	2.03	.026	.37	.6	<.01	7.5	<.1	<.05	9
L39+25N 43+50E	1.4	95.2	7.5	68	.1	19.0	28.0	1292	5.82	84.6	.3	20.7	.6	91	.6	.3	<.1	217	5.80	.140	5	38.5	2.10	187	.208	4	2.40	.022	.05	.2	.01	21.3	<.1	.28	11
L68+00N 56+15E	.8	130.7	1.9	45	.1	10.5	15.7	574	3.73	3.0	.5	2.1	1.4	190	.1	.2	<.1	134	4.04	.187	8	19.1	.75	64	.229	1	1.06	.064	.08	1.3	.01	3.6	<.1	<.05	4
L43+00N 52+17E	.7	252.0	5.5	62	.3	4.5	10.9	647	4.45	4.0	.3	83.8	1.4	80	<.1	.2	.4	203	4.69	.265	5	9.7	1.07	22	.010	<.1	1.27	.026	.06	.2	.14	7.9	<.1	4.26	9
STANDARD DS3	8.9	123.2	32.7	161	.3	36.2	11.6	802	3.32	29.9	6.5	20.2	3.7	27	5.4	5.1	5.7	74	.57	.095	17	179.4	.59	147	.093	2	1.74	.035	.16	3.6	.25	3.9	1.2	<.05	6

GROUP 1DA - 10.0 GM SAMPLE LEACHED WITH 60 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 200 ML, ANALYSED BY ICP-MS.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 - SAMPLE TYPE: ROCK R150 60C

ROCK SAMPLES

RECEIVED: JUN 24 2002 DATE REPORT MAILED: July 10/02 SIGNED BY: C.L. D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL ANALYSIS CERTIFICATE

Hopper, Doug PROJECT CONCHA GROUP File # A001215
 907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb
39N 44E ^{150E}	1.9	132	9	68	.2	12	17	995	3.71	20	<1	<2	<1	179	.6	2.1	<.5	96	2.64	.114	7	25	1.24	89	.053	3	1.82	.014	.15	<1	<1	7.4	<1	.06	6	11.3

SILT

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY OPTIMA ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 - SAMPLE TYPE: SILT AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)

DATE RECEIVED: APR 19 2000 DATE REPORT MAILED: May 2/2000 SIGNED BY: *C. Leong* TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL ANALYSIS CERTIFICATE

Hopper, Doug PROJECT CONCHA GROUP File # A001216
 907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb
44E 39N QTZ CARB	1.3	15	13	44	.4	2	3	512	.96	4	1	<2	<1	335	.6	<.5	.5	27	14.34	.016	1	7	.35	209	.003	1	.40	.002	.05	2	<1	2.4	<1	.09	2	14.6
44E 39N CALC AND	.8	152	9	78	.2	19	17	677	3.58	10	<1	<2	<1	62	.3	1.7	1.3	111	4.01	.134	2	45	1.69	26	.152	1	1.86	.032	.05	<1	<1	4.6	<1	.05	6	5.9
RE 44E 39N CALC AND	.8	154	9	75	.2	20	18	678	3.56	10	<1	<2	<1	62	.3	2.0	.7	112	4.01	.136	2	45	1.68	27	.156	<1	1.86	.033	.05	1	<1	4.6	<1	.05	7	4.3

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY OPTIMA ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: ROCK AU* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm) Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: APR 19 2000 DATE REPORT MAILED: May 2/2000 SIGNED BY: *C. Leong* TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P10A

GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. PROJECT CONCHA File # A204714
907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper



Table with columns: SAMPLE#, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Tl, B, Al, Na, K, W, Hg, Sc, Tl, S, Ga. Rows include various sample IDs like G-1, 38+50N 30+00E, etc.

GROUP 1DA - 10.0 GM SAMPLE LEACHED WITH 60 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 200 ML, ANALYSED BY ICP-MS. UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM. - SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 24 2002 DATE REPORT MAILED: Nov 6/02 SIGNED BY: [Signature] D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P11A

GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. PROJECT CONCHA File # A204713

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	
SI	.2	.7	1.7	3	<.1	.3	<.1	4	.03	.7	<.1	<.5	<.1	3	<.1	<.1	<.1	<.1	.11	<.001	<.1	2.1	<.01	3	<.001	<.1	.01	.430	<.01	.3	<.01	.1	<.1	<.05	<.1
38+75N 32+00E	1.1	68.2	4.7	26	<.1	15.3	6.3	217	1.03	25.6	.4	1.5	1.9	39	.1	.1	.3	46	.39	.117	18	43.6	.19	71	.024	1	.41	.069	.14	.5	<.01	2.7	<.1	<.05	2
37+00N 37+50E	1.4	184.4	3.9	26	.1	14.8	23.8	307	3.28	9.1	.4	2.3	.7	45	<.1	.1	.2	65	.93	.175	5	24.9	.51	48	.097	1	.93	.092	.09	.8	<.01	5.1	<.1	1.10	4
32+00E 38+00N	.6	44.1	2.3	51	<.1	33.9	9.4	236	1.97	8.5	.2	2.0	2.1	111	<.1	.1	.1	56	.61	.149	23	51.3	.32	80	.023	2	.44	.071	.11	.2	<.01	5.5	<.1	<.05	2
36+00E 36+50N	1.2	20.5	2.7	78	<.1	2.7	13.2	852	3.60	8.0	.4	46.7	1.5	14	.1	.2	.1	92	.22	.077	6	4.5	1.11	107	.018	4	1.41	.040	.21	.4	<.01	8.6	<.1	<.05	9
36+00E 36+50N FLOAT	.6	50.6	2.8	56	.1	.5	13.1	914	3.36	8.5	.4	245.2	1.4	29	.1	.2	.1	89	2.63	.056	6	8.3	1.13	42	.025	4	1.29	.037	.05	.3	<.01	8.4	<.1	<.05	9
36+00E 36+00N	1.4	114.7	2.9	57	.1	20.3	23.6	636	3.56	6.3	.2	9.1	.6	88	<.1	.2	.2	101	1.28	.156	5	20.7	.54	58	.101	4	2.00	.236	.12	.3	<.01	10.0	.1	.15	7
37+75E 37+50N-1	.6	113.3	3.8	78	.2	20.1	22.7	1173	5.29	26.6	.1	7.6	.7	156	.1	.1	.1	155	5.37	.133	6	47.7	2.42	71	.015	4	3.01	.025	.13	.1	<.01	12.8	<.1	.09	11
37+75E 37+50N-2	.8	104.4	2.2	68	<.1	11.0	16.0	881	4.04	8.4	.1	1.8	.9	99	.1	.1	.1	93	3.26	.150	7	14.6	1.63	150	.004	5	2.22	.038	.14	.2	<.01	7.8	<.1	.14	8
37+75E 37+50N-3	1.5	157.2	1.8	51	.1	10.8	17.8	955	3.82	5.5	.2	2.6	.8	38	.1	.1	.1	133	2.66	.150	7	16.8	1.25	160	.011	1	1.54	.050	.03	.2	<.01	8.7	<.1	.29	9
RE 37+75E 37+50N-3	1.6	155.6	1.8	50	.1	11.1	17.0	950	3.85	5.5	.2	1.1	.8	39	.1	.1	<.1	132	2.65	.145	7	16.7	1.29	157	.012	1	1.48	.051	.03	.1	<.01	8.9	<.1	.29	9
SAW MILL-1	4.9	41.5	1.9	61	<.1	31.3	10.7	223	2.02	3.8	.3	<.5	2.3	58	<.1	.1	.4	44	.77	.101	16	55.5	.60	44	.034	4	.40	.090	.07	.5	<.01	4.4	.3	.08	2
SAW MILL-2	.3	40.9	2.6	60	<.1	26.1	9.1	352	1.90	3.5	.3	<.5	2.2	83	<.1	.1	.3	47	.90	.115	17	43.8	.28	134	.028	3	.58	.099	.09	.1	<.01	4.9	.1	<.05	3
STANDARD DS4	6.9	121.6	30.5	158	.2	35.6	11.9	799	3.08	22.8	5.8	26.0	3.7	26	5.4	4.7	4.9	72	.55	.087	17	169.3	.57	138	.089	2	1.78	.031	.15	4.0	.26	3.5	1.2	<.05	6

GROUP 10A - 10.0 GM SAMPLE LEACHED WITH 60 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 200 ML, ANALYSED BY ICP-MS.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 - SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ROCK
SAMPLES

DATE RECEIVED: OCT 24 2002 DATE REPORT MAILED: Nov 7/02 SIGNED BY: C. H. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P12A

(IS 002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE



Canica Ltd. PROJECT CONCHA CLAIMS File # A205340

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm
SI	.4	1.4	19.7	28	.1	1.2	.1	3	.04	<.5	<.1	1.0	<.1	2	.2	.2	<.1	<.1	.10	<.001	<.1	1.0	<.01	4	<.001	<.1	.01	.448	<.01	<.1	<.01	<.1	<.1	.09	<.1
35+75N 39+50E	1.5	4.3	24.4	69	.1	3.0	3.3	260	1.39	5.7	.3	3.8	1.2	8	.2	.8	<.1	14	.31	.040	15	5.8	.21	35	.010	2	.50	.044	.14	.1	<.01	2.2	<.1	<.05	4
34+75N 38+75E	.8	82.7	5.0	74	.1	9.1	21.8	847	3.98	3.9	.3	6.6	.8	87	<.1	.3	<.1	123	1.80	.146	6	12.2	1.70	46	.135	2	1.79	.038	.12	.2	<.01	9.3	<.1	<.05	7
33+90N 39+40E	1.5	5.8	5.7	23	<.1	1.9	2.3	367	1.13	1.8	.4	6.2	1.7	16	.1	.2	<.1	12	.63	.035	17	6.2	.10	72	.008	<.1	.43	.047	.18	.2	<.01	1.7	<.1	<.05	2
33E 39+50N AC	3.6	43.9	2.5	87	.1	10.9	29.9	1413	7.89	6.1	.2	8.3	.4	217	.1	.2	<.1	283	6.70	.148	6	18.3	1.59	114	.005	10	1.44	.023	.09	<.1	.01	12.9	<.1	<.05	8
39E 34+50N	1.2	3.7	4.5	27	<.1	1.3	2.7	374	1.23	1.4	.3	8.6	1.5	15	.1	.1	<.1	13	.56	.039	16	5.3	.12	110	.005	<.1	.48	.045	.22	.2	<.01	1.6	<.1	<.05	3
39E 34N	.8	10.9	2.3	29	<.1	3.7	6.4	1276	1.60	3.0	.1	1.3	.1	238	.3	.1	<.1	53	17.83	.043	2	9.0	.68	25	.035	<.1	.74	.004	.03	.2	.01	4.6	<.1	<.05	3
45+50E 53+00N	.6	55.5	7.6	182	<.1	7.7	19.6	1783	4.41	1.6	.3	<.5	1.3	70	.9	.2	<.1	130	3.71	.144	13	8.4	1.44	39	.008	1	1.67	.031	.15	.1	<.01	5.2	<.1	<.05	10
STANDARD DS4	5.6	117.9	32.2	157	.3	31.2	12.0	746	3.06	22.7	6.9	24.3	3.9	27	5.6	5.0	5.1	76	.53	.091	17	152.8	.57	142	.083	3	1.72	.026	.15	3.8	.26	3.2	1.3	.06	6

GROUP 10A - 10.0 GM SAMPLE LEACHED WITH 60 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 200 ML, ANALYSED BY ICP-MS.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 - SAMPLE TYPE: ROCK R150 60C

SAMPLE
ROCK

DATE RECEIVED: DEC 4 2002 DATE REPORT MAILED: Dec 12/02 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P13A

The following assay results, 15A to 15R, are the actual assays that are included in the Concha claims expenses and discussed throughout the report and are included in the geochem maps at the back of this report:

15A	A201883R A202915R2	Sept. 16/02 Sept. 16/02
15B	A205340R A204713R	Mar. 14/03 Mar. 13/03
15C	A103918R A201884R A202914R	Mar. 14/03 Mar. 13/03 Mar. 13/03
15D	A301444 A301459	May 15/03 May 15/03
15E	A301528	May 23/03
15F	A301527	May 23/03
15G-15H	A302083	June 30/03
15I	A302083R	July 9/03
15J	A302085 A302085R	June 26/03 July 9/03
15K	A302084 A302084R	July 4/03 July 9/03
15L	A301527R	July 15/03
15M	A301444R A301459R A301528R	July 15/03 July 15/03 July 16/03
15N	A302084R2 A302085R2	July 30/03 July 26/03
15O	A305428	Nov 14/03
15P	A305837	Dec 9/03
15Q	A305836	Dec 3/03
15R	A305838 (a & b) water analysis	Dec 4/03
16A	Concha Property Mineral Highlights	
17A	Statement of Qualifications – Douglas H. Hopper	
18A	Method for Wet Geochem Gold Analysis	
19A	Methods and Specifications for Analytical Package Group 1D – 30 Element ICP by Aqua Regia	



GEOCHEM PRECIOUS METALS ANALYSIS



Canica Ltd. PROJECT CONCHA CLAIMS File # A201883R
907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: D. Hopper

SAMPLE#	Pt** ppb	Pd** ppb
L37+00E37+50N	2	3

GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: SEP 6 2002 DATE REPORT MAILED: *Sept 16/02* SIGNED BY: *C.L.* D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEM PRECIOUS METALS ANALYSIS



Canica Ltd. PROJECT CONCHA CLAIMS File # A202915R2
907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: D. Hopper

SAMPLE#	Pt** ppb	Pd** ppb
L35+25E 36+50N	2	<2

GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: SEP 6 2002 DATE REPORT MAILED: *Sept 16/02* SIGNED BY: *C.L.* D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P15A



GEOCHEM PRECIOUS METALS ANALYSIS

Canica Ltd. PROJECT CONCHA CLAIMS File # A205340R
 907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

ROCK	SAMPLE#	Pt** ppb	Pd** ppb
SILICIOUS MATERIAL FROM BEND IN ROAD CONCHA 2	45+50E 53+00N STANDARD FA-10R	<2 495	<2 488

GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
 - SAMPLE TYPE: ROCK PULP

DATE RECEIVED: MAR 7 2003 DATE REPORT MAILED: *March 14/03* SIGNED BY: *C. Hopper* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEM PRECIOUS METALS ANALYSIS

Canica Ltd. PROJECT CONCHA File # A204713R
 907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

ROCK	SAMPLE#	Pt** ppb	Pd** ppb
	36+00E 36+50N	2	<2
	36+00E 36+50N FLOAT	<2	<2
	STANDARD FA-10R	495	488

46.7 Au/g ~~ROCK~~ ROCK
245.2 Au ROCK

GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
 - SAMPLE TYPE: ROCK PULP

DATE RECEIVED: MAR 7 2003 DATE REPORT MAILED: *March 13/03* SIGNED BY: *C. Hopper* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P 15 B



GEOCHEM PRECIOUS METALS ANALYSIS

Canica Ltd. File # A103918R

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

SAMPLE#	Pt** ppb	Pd** ppb
37+00N - 43+50E (ROCK) Cu 2364, 1100 Au	495	488

GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: MAR 7 2003 DATE REPORT MAILED: March 14/03 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEM PRECIOUS METALS ANALYSIS

Canica Ltd. PROJECT CONCHA CLAIMS File # A201884R

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: D. Hopper

SAMPLE#	Pt** ppb	Pd** ppb
FROM LARGE QUARTZ STRUCTURE (ROCK) L39+00N 42+50E	495	488

GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: MAR 7 2003 DATE REPORT MAILED: March 13/03 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEM PRECIOUS METALS ANALYSIS

Canica Ltd. PROJECT CONCHA CLAIMS File # A202914R

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: D. Hopper

SAMPLE#	Pt** ppb	Pd** ppb
(ROCK) 35+25E 38+50N 35+25E 37+00N STANDARD FA-10R	495	488

GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: ROCK PULP

15C

DATE RECEIVED: MAR 7 2003 DATE REPORT MAILED: March 13/03 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Canica Ltd. PROJECT CONCHA CLAIMS File # A301444

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
SI	<1	8	4	2	<.3	13	13	6	.06	149	<8	<2	<2	3	<.5	<3	<3	1	.10	<.001	<1	<1	<.01	3	<.01	<3	.01	.47	.01	<2	.6
36+80N 35+00E	1	110	5	45	1.1	7	17	846	2.54	239	<8	<2	<2	61	1.1	<3	<3	61	5.46	.026	5	2	.73	35	.01	17	.95	.05	.03	<2	459.0
36+60N 35+80E	3	44	<3	28	<.3	8	15	435	10.68	206	<8	<2	<2	7	<.5	<3	<3	71	.10	.026	2	<1	.44	38	.01	7	1.10	.05	.09	<2	69.5
35+50E 37+60N	5	12242	<3	31	1.6	35	151	645	6.80	117	<8	3	<2	28	<.5	<3	<3	173	1.58	.147	3	18	1.93	23	.01	8	2.05	.04	.05	2	9225.0
36E 37+60N	1	266	<3	30	<.3	26	29	916	4.20	136	<8	<2	<2	105	<.5	<3	<3	134	3.13	.132	5	17	1.70	41	.01	8	1.99	.02	.06	<2	19.0
36E 36+60N	3	74	7	13	<.3	22	27	246	1.35	195	<8	<2	<2	15	<.5	<3	<3	20	1.16	.009	7	4	.17	16	<.01	<3	.41	.08	.06	2	318.2
36+50E 38+00N	2	159	<3	38	<.3	16	29	1131	4.34	102	<8	<2	<2	114	<.5	<3	<3	132	2.29	.161	9	22	1.99	32	.01	6	2.13	.03	.06	<2	53.1
36+60E 38+25N	1	105	5	22	<.3	13	17	881	3.30	56	<8	<2	<2	167	<.5	3	<3	117	6.82	.123	5	21	1.47	35	.01	7	1.63	.03	.04	<2	25.3
STANDARD DS4/AU-R	9	123	35	151	.3	35	11	786	3.12	23	<8	<2	4	28	5.3	5	5	73	.53	.088	17	160	.57	143	.08	4	1.69	.03	.15	6	454.1

u 5400

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: ROCK R150 60C AU* IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (15 gm)

ROCK
SAMP

DATE RECEIVED: MAY 7 2003 DATE REPORT MAILED: *May 15/03* SIGNED BY: *C.L.* D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Canica Ltd. PROJECT CONCHA CLAIMS File # A301459

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
SI	1	<1	<3	1	<.3	<1	<1	2	.02	<2	<8	<2	<2	3	<.5	<3	<3	<1	.12	<.001	<1	<1	.01	2	<.01	<3	<.01	.57	.01	<2	1.3
39+50N 48E	1	45	<3	44	<.3	22	14	1136	3.81	9	<8	<2	<2	84	<.5	<3	<3	127	5.75	.092	2	63	1.86	58	.11	6	1.88	.03	.03	<2	2.6
39N 49E	<1	117	5	52	<.3	31	21	884	3.78	14	<8	<2	<2	85	<.5	<3	<3	128	3.64	.137	5	66	1.62	64	.14	9	1.84	.06	.06	2	3.0
36+60N 35+40E	1	252	4	109	2.2	4	9	826	6.55	96	<8	<2	2	19	<.5	<3	3	95	1.94	.044	5	9	.79	44	.01	8	1.20	.04	.12	2	694.5
36N 36+50E	1	22	<3	53	<.3	4	12	992	3.22	4	<8	<2	<2	27	<.5	<3	<3	85	2.26	.057	5	<1	1.06	35	.02	6	1.15	.05	.05	<2	88.1
34+50E 38+06N	3	1	<3	30	<.3	4	7	700	3.15	49	<8	<2	<2	142	<.5	<3	<3	114	5.32	.105	5	5	1.03	82	<.01	15	.90	.03	.05	<2	17.1
36E 36+30N	1	58	4	42	<.3	2	8	1063	2.76	5	<8	<2	<2	59	<.5	<3	<3	68	4.57	.045	5	<1	.82	24	.01	36	.98	.05	.02	<2	30.6
STANDARD DS4/AU-R	9	123	35	151	.3	35	11	786	3.12	23	<8	<2	4	28	5.3	5	5	73	.53	.088	17	160	.57	143	.08	4	1.69	.03	.15	6	454.1

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: ROCK R150 60C AU* IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (15 gm)

ROCK
SAMPLES

DATE RECEIVED: MAY 8 2003 DATE REPORT MAILED: *May 15/03* SIGNED BY: *C.L.* D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P15D

(ISC 102 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. File # A301528
 907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
SI	<1	<1	<3	2	<.3	<1	<1	5	.03	<2	<8	<2	<2	3	<.5	<3	<3	<1	.13	<.001	<1	2	<.01	3	<.01	<3	.01	.60	.01	<2	8.5
RG 36+50N 32+75E	1	97	4	39	<.3	21	65	1294	4.24	22	<8	<2	<2	130	.5	<3	<3	175	5.09	.114	5	26	2.40	45	.02	4	2.14	.02	.06	<2	8.2
RG 35+25N 33+00E	<1	79	<3	57	<.3	26	25	1288	4.90	3	<8	<2	<2	199	.5	<3	<3	209	4.17	.133	5	93	2.81	1234	.06	<3	2.71	.07	.06	<2	3.0
RG 34+50E 39+35N	<1	533	4	39	<.3	18	18	965	4.74	17	<8	<2	2	121	.6	<3	<3	204	3.06	.138	3	46	2.21	71	.07	7	2.21	.02	.08	<2	8.8
RG 34+50E 38+50N	1	56	<3	28	<.3	6	20	712	4.35	39	<8	<2	<2	73	<.5	<3	<3	182	3.25	.125	5	7	1.34	60	<.01	7	1.61	.04	.06	<2	8.9
RG 34+50E 37+00N	2	342	6	52	2.6	2	9	582	3.60	11	<8	6	<2	17	<.5	<3	<3	74	.81	.056	4	5	.97	53	.01	4	1.21	.07	.09	<2	5654.9
RG 34+50E 36+50N	2	6	<3	23	<.3	1	1	794	1.19	<2	<8	<2	2	50	<.5	<3	<3	6	1.07	.044	16	5	.18	98	<.01	<3	.47	.03	.17	<2	21.5
STANDARD DS4/AU-R	7	127	31	156	.4	34	12	798	3.20	24	<8	<2	4	27	5.4	5	5	74	.52	.090	17	164	.57	146	.08	3	1.81	.03	.14	4	472.0

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: ROCK R150 AU* IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (15 gm)

DATE RECEIVED: MAY 14 2003 DATE REPORT MAILED: *May 23/03* SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. PROJECT CONCHA CLAIMS File # A302083 Page 1

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

Table with columns for elements (Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Tl, B, Al, Na, K, W, Hg, Sc, Ti, S, Ga, Se) and rows for samples (G-1, 39E 34+00N, etc.). Values are in ppm or %.

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS. UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM. - SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Retruns and 'RRE' are Reject Retruns.

DATE RECEIVED: JUN 18 2003 DATE REPORT MAILED: JUN 30/03 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Date 6FA 11



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	1.1	2.3	2.0	42	<.1	4.2	4.0	520	1.74	<.5	2.2	<.5	3.7	64	<.1	<.1	.1	33	.53	.082	8	24.7	.47	181	.118	<.1	.85	.063	.38	.9	<.01	1.8	.2	<.05	4	<.5
50E 38+50N	.7	82.7	9.1	71	.2	10.7	14.1	1092	2.95	7.8	.7	1.5	2.0	48	.3	.2	.2	70	.53	.078	14	16.4	.48	154	.083	2	2.16	.019	.21	.1	.02	5.3	.1	<.05	7	<.5
50E 38+00N	.7	81.8	17.1	75	.2	9.1	11.8	944	2.62	5.1	.6	2.1	1.5	49	.5	.1	.2	67	.60	.095	12	16.3	.47	123	.072	3	1.65	.012	.27	<.1	.03	3.9	.1	<.05	5	<.5
50+50E 38+00N	.5	78.2	7.0	57	.1	6.3	9.9	778	2.25	3.2	.4	3.0	1.4	46	.4	.1	.1	57	.66	.096	11	12.7	.40	146	.054	5	1.26	.013	.22	.1	.02	3.0	<.1	<.05	4	<.5
51E 41+50N	.4	49.3	5.5	43	.1	5.6	6.9	613	1.57	2.8	.5	1.7	.3	605	.4	.1	.1	36	2.86	.095	7	10.2	.43	90	.033	14	.92	.017	.20	.1	.02	1.3	<.1	<.05	3	<.5
51E 41+00N	.9	62.3	5.2	61	.1	6.8	7.9	697	1.68	2.7	.5	2.1	.5	138	.3	.1	.1	37	1.02	.103	10	11.2	.43	138	.046	9	1.36	.020	.22	.1	.02	1.9	<.1	<.05	4	.5
51E 40+50N	.8	74.3	6.6	78	.1	6.4	8.7	904	1.82	3.2	.7	1.1	.5	116	.4	.2	.1	42	1.08	.144	11	11.7	.41	246	.036	5	1.30	.016	.19	.1	.01	2.1	<.1	.07	4	.5
51E 40+00N	.5	48.9	6.4	107	.1	6.2	8.4	857	1.63	2.4	.5	.6	.7	90	.7	.1	.1	34	1.16	.154	10	11.0	.32	275	.037	4	1.33	.018	.20	.1	.01	1.9	<.1	.07	4	<.5
51E 39+50N	.7	50.9	6.7	85	.1	6.2	8.1	808	1.72	2.4	.4	.9	.7	73	.3	.2	.1	41	.96	.133	10	11.3	.35	225	.041	4	1.31	.017	.20	.1	.01	2.0	<.1	.07	4	<.5
51E 39+00N	.5	50.5	7.2	77	.1	5.6	7.9	759	1.80	2.6	.5	1.1	.8	57	.4	.1	.1	44	.75	.112	11	10.2	.33	203	.046	3	1.37	.016	.21	.1	.02	2.2	<.1	<.05	4	<.5
RE 51E 39+00N	.6	54.5	7.9	83	.1	6.9	8.3	829	1.96	2.6	.5	1.1	.8	62	.5	.1	.1	47	.79	.121	11	11.4	.33	220	.049	4	1.44	.017	.23	.1	.01	2.4	.1	.07	4	<.5
51E 38+50N	.6	69.1	7.1	71	.1	8.0	11.5	1008	2.45	3.2	.6	1.1	1.4	43	.3	.1	.1	56	.49	.090	12	14.2	.36	159	.065	4	1.59	.014	.21	<.1	.02	4.3	<.1	<.05	5	<.5
51E 38+00N	.5	57.7	5.3	46	.1	5.0	7.2	678	1.78	2.6	.3	2.2	.7	55	.3	.1	.1	41	.71	.077	8	9.7	.28	126	.042	6	.95	.015	.18	.3	.01	2.0	<.1	.06	3	<.5
STANDARD DS4	6.8	128.7	31.6	162	.3	35.3	12.4	838	3.21	22.7	6.0	26.5	3.6	28	5.5	4.2	5.2	76	.55	.091	18	164.8	.61	138	.088	1	1.79	.027	.17	4.0	.27	3.5	1.2	<.05	6	1.3

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. PROJECT CONCHA CLAIMS File # A302083R Page 1

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

SAMPLE#	Au* ppb	SAMPLE#	Au* ppb
39E 34+00N	6.8	50E 38+50N	3.3
39E 33+50N	19.0	50E 38+00N	3.8
39E 33+00N	2.1	50+50E 38+00N	3.7
39E 32+50N	1.3	51E 41+50N	1.9
39E 32+00N	1.4	51E 41+00N	2.4
48E 43+00N	.9	51E 40+50N	2.2
48E 42+50N	1.3	51E 40+00N	1.0
48E 42+00N	39.9	51E 39+50N	1.8
48E 41+50N	1.7	51E 39+00N	1.0
48E 41+00N	1.2	RE 51E 39+00N	1.9
48E 40+50N	1.2	51E 38+50N	2.6
48E 40+00N	4.2	51E 38+00N	2.0
48E 39+50N	1.5	STANDARD DS5	41.9
48E 39+00N	2.1		
48E 38+50N	1.8		
48E 38+00N	4.9		
RE 48E 38+00N	3.9		
48+50E 38+00N	2.5		
49E 43+00N	1.5		
49E 42+50N	1.5		
49E 42+00N	1.7		
49E 41+50N	1.1		
49E 41+00N	1.6		
49E 40+50N	.3		
49E 40+00N	1.0		
49E 39+50N	1.5		
49E 39+00N	3.2		
49E 38+50N	4.0		
49E 38+00N	2.6		
49+50E 38+00N	4.6		
50E 40+50N	2.1		
50E 40+00N	3.1		
50E 39+50N	1.4		
50E 39+00N	6.3		
STANDARD DS5	45.0		

AU* BY ACID LEACHED, ANALYZED BY ICP-MS (15 gm).
 - SAMPLE TYPE: SOIL PULP
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 4 2003 DATE REPORT MAILED: July 9/03 SIGNED BY: C. Toy... D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P15 I

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GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. PROJECT ANT CLAIMS File # A302085

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
SI	<1	2	<3	1	<.3	<1	<1	5	.03	<2	<8	<2	<2	2	<.5	<3	<3	<1	.09	<.001	<1	1	<.01	2	<.01	<3	.01	.44	.01	<2
ANT 1N	60	71	78	47	.9	12	23	599	7.88	11	<8	<2	4	33	<.5	7	<3	38	1.10	.076	8	11	.18	80	<.01	5	.59	.02	.21	<2
ANT 2N	3	98	8	80	<.3	17	30	1095	4.53	2	<8	<2	6	19	<.5	3	<3	114	2.10	.078	8	43	2.51	17	.06	<3	2.93	.02	.07	<2
ANT 150S	1	223	4	118	<.3	10	9	958	4.03	6	<8	<2	<2	35	<.5	<3	<3	117	.50	.144	2	21	1.86	80	.06	<3	2.27	.04	.17	<2
ANT 200S	1	147	3	202	<.3	94	32	1110	3.67	<2	<8	<2	2	20	1.2	3	<3	74	.54	.090	18	88	2.82	30	.04	<3	2.55	.04	.06	<2
ANT 250S	3	191	4	48	<.3	15	20	1164	3.52	3	<8	<2	<2	42	<.5	<3	<3	143	.70	.132	4	25	1.29	52	.11	<3	1.70	.04	.08	<2
ANT 0+50S	2	4261	3	77	.5	11	20	900	3.31	2	<8	<2	2	72	.6	<3	<3	105	1.46	.137	5	12	1.92	51	.14	<3	2.02	.03	.12	<2
STANDARD DS4	7	124	30	149	.4	33	12	792	3.02	22	<8	<2	4	26	5.3	5	5	73	.50	.085	16	160	.56	139	.08	<3	1.68	.03	.14	2

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: ROCK R150 60C

ROCK SAMPLES

DATE RECEIVED: JUN 18 2003 DATE REPORT MAILED: June 26/03 SIGNED BY: C. L. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)

852 E. HASTINGS ST. VANCOUVER BC V6A 1R6

PHONE (604) 253-3158 FAX (604) 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. PROJECT ANT CLAIMS File # A302085R

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

SAMPLE#	Au* ppb
ANT 1N	20.2
ANT 2N	10.0
ANT 150S	27.4
ANT 200S	2.9
ANT 250S	11.0
ANT 0+50S	91.5
STANDARD AU-R	471.4

AU* IGNITED, ACID LEACHED, ANALYZED BY ICP-MS (15 gm).
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: ROCK PULP

ROCK SAMPLES

DATE RECEIVED: JUL 4 2003 DATE REPORT MAILED: July 9/03 SIGNED BY: C. L. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Date 8 FA 03

P15J

GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. PROJECT ANT CLAIMS File # A302084

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper



SAMPLE#	Mn	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
G-1	1.3	2.9	2.5	39	<.1	4.3	4.1	525	1.78	<.5	2.1	1.1	4.2	68	<.1	<.1	.1	36	.58	.081	7	23.1	.53	202	.121	1	.87	.066	.44	1.0	<.01	2.3	.3	.05	5	<.5	
ANT 0+0	5.7	287.3	8.8	65	.5	7.9	8.8	713	4.62	6.1	.7	22.3	2.0	110	.1	.1	.4	128	.54	.152	6	16.4	1.58	209	.158	1	2.57	.024	.23	.2	.03	6.6	.1	.17	9	4.2	
ANT 50S	3.8	140.1	19.3	35	.5	3.7	2.7	274	9.88	25.7	.2	33.1	2.7	281	.1	.2	1.6	108	1.42	.222	5	18.2	.83	37	.114	3	.84	.176	.44	.4	.10	2.8	.2	3.82	7	14.6	
ANT 100S	6.8	153.2	18.2	60	.7	5.9	5.2	400	6.59	12.9	.6	60.3	2.1	407	.1	.4	1.0	98	.50	.200	8	14.2	.81	207	.233	2	1.25	.168	.19	.4	.10	3.9	.1	.74	5	9.2	
STANDARD	6.6	129.0	30.6	161	.3	35.4	11.7	819	3.19	22.7	6.0	25.1	3.6	27	5.2	4.4	5.0	74	.55	.083	15	164.7	.59	138	.084	2	1.68	.028	.15	3.7	.28	3.9	1.1	<.05	6	1.3	

Standard is STANDARD DS4.

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C

SOIL

DATE RECEIVED: JUN 18 2003 DATE REPORT MAILED: *July 4/03* SIGNED BY: *C.H.* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. PROJECT ANT CLAIMS File # A302084R

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper



SAMPLE#	Au* ppb
ANT 0+0	29.5
ANT 50S	35.9
ANT 100S	64.9
STANDARD DS5	41.9

AU* BY ACID LEACHED, ANALYZED BY ICP-MS (15 gm).
- SAMPLE TYPE: SOIL PULP

SOILS

DATE RECEIVED: JUL 4 2003 DATE REPORT MAILED: *July 9/03* SIGNED BY: *C.H.* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P15K

GEOCHEM PRECIOUS METALS ANALYSIS

Canica Ltd. File # A301527R

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper



SAMPLE#	Pt** ppb	Pd** ppb	Sample gm
38+50N 32+25E	11	8	15
38N 32+25E	7	<2	15
37+50N 32+25E	5	<2	15
37N 32+25E	3	<2	10
37N 32+75E	<2	5	15
L34+50E 39+00N	8	9	10
L34+50E 38+50N	9	49	15
L34+50E 38+00N	2	<2	15
L34+50E 37+50N	13	39	10
L34+50E 36+50N	4	<2	15
RE L34+50E 36+50N	4	<2	15
STANDARD FA-100S	48	49	30

SOILS

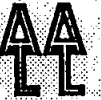
GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: SOIL PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 7 2003 DATE REPORT MAILED: *July 15/03* SIGNED BY: *C. Toy* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P15 L



GEOCHEM PRECIOUS METALS ANALYSIS



Canica Ltd. PROJECT CONCHA CLAIMS File # A301444R

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

SAMPLE#	Pt** ppb	Pd** ppb		
36+80N 35+00E	4	4	110 Cu	459 PPBAu
36+60N 35+80E	<2	<2		
35+50E 37+60N	4	40	12242 Cu	9225 Au
36E 36+60N	2	5		
36+50E 38+00N	2	8	159 Cu	25.3 Au
STANDARD FA-10R	487	491		

GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: ROCK PULP

ROCK SAMPLES

DATE RECEIVED: JUL 7 2003 DATE REPORT MAILED: July 15/03 SIGNED BY: [Signature] D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



Canica Ltd. PROJECT CONCHA CLAIMS File # A301459R

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper



SAMPLE#	Pt** ppb	Pd** ppb		
36+60N 35+40E	<2	<2	252 Cu	624 Au
36N 36+50E	<2	<2		
STANDARD FA-10R	489	480	22 Cu	88 Au

GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: ROCK PULP

ROCK

DATE RECEIVED: JUL 7 2003 DATE REPORT MAILED: July 15/03 SIGNED BY: [Signature] D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



Canica Ltd. File # A301528R

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper



SAMPLE#	Pt** ppb	Pd** ppb		
RG 34+50E 39+35N	4	7		
RG 34+50E 37+00N	<2	<2		
STANDARD FA-10R	488	478		

GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
- SAMPLE TYPE: ROCK PULP

ROCK

DATE RECEIVED: JUL 7 2003 DATE REPORT MAILED: July 16/03 SIGNED BY: [Signature] D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

PISM

(ISO 9002 Accredited Co.)

GEOCHEM PRECIOUS METALS ANALYSIS

Canica Ltd. PROJECT ANT CLAIMS File # A302084R2
 907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper



SAMPLE#	Pt** ppb	Pd** ppb
ANT 0+0	<2	3
ANT 50S	<2	8
ANT 100S	4	7
STANDARD FA-100S	488	491

GROUP 3B - FIRE GEOCHEM PT, PD - 15 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
 - SAMPLE TYPE: SOIL PULP

SOILS

DATE RECEIVED: JUL 16 2003 DATE REPORT MAILED: *July 30/03* SIGNED BY: *C. Leong* D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716
 (ISO 9002 Accredited Co.)

GEOCHEM PRECIOUS METALS ANALYSIS

Canica Ltd. PROJECT ANT CLAIMS File # A302085R2
 907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper



SAMPLE#	Pt** ppb	Pd** ppb
ANT 1N	3	5
ANT 150S	4	12
ANT 200S	<2	<2
ANT 250S	3	6
ANT 0+50S	4	13
STANDARD FA-10R	489	485

GROUP 3B - FIRE GEOCHEM PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.
 - SAMPLE TYPE: ROCK PULP

ROCK

DATE RECEIVED: JUL 16 2003 DATE REPORT MAILED: *July 26/03* SIGNED BY: *C. Leong* D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P15N

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE



Canica Ltd. PROJECT CONCHA PROPERTY File # A305428
 907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
39E 29N	1.0	43.2	5.1	50	.1	61.4	17.3	156	2.05	7.4	.9	2.0	2.2	143	<.1	.2	<.1	60	.50	.132	25	184.1	.58	206	.041	<.1	.72	.119	.17	<.1	.03	4.4	<.1	<.05	3	<.5
39+60E 28+50N-A	.6	28.8	4.7	35	.1	65.3	10.5	454	1.35	3.7	1.0	1.6	1.9	127	<.1	.2	.1	33	2.50	.094	16	88.3	1.07	138	.033	<.1	.38	.052	.19	<.1	.02	3.7	<.1	<.05	2	<.5
39+60E 28+50N-B	.8	14.2	4.4	74	<.1	147.8	24.6	1235	2.32	2.4	4.4	<.5	.6	276	.1	.1	<.1	40	12.27	.058	8	76.6	5.69	96	.013	<.1	.18	.045	.13	.1	.02	6.3	<.1	<.05	1	<.5
39+60E 28+50N-C	.2	29.1	6.0	52	<.1	95.5	12.7	1489	1.60	1.8	.6	.6	2.3	150	.1	.1	.1	42	3.28	.085	18	85.3	1.55	115	.021	1	.42	.056	.20	<.1	.01	4.5	<.1	<.05	2	<.5
39+60E 28+50N-D	1.0	57.4	4.4	44	.1	89.7	17.0	323	1.23	2.8	.5	<.5	1.3	178	.1	.1	<.1	42	1.86	.165	21	163.0	.93	203	.048	2	.47	.099	.21	.2	.02	6.2	.1	.06	2	<.5
STANDARD DS5	12.3	136.0	23.1	134	.3	22.5	11.8	732	2.97	18.9	5.7	38.5	2.6	45	5.2	3.7	5.9	57	.72	.094	12	177.1	.63	132	.084	14	2.00	.032	.12	4.8	.18	3.3	1.0	<.05	6	4.5

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 - SAMPLE TYPE: ROCK R150

DATE RECEIVED: NOV 3 2003 DATE REPORT MAILED: Nov 14/03 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

P 15" 0"

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. File # A305837

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
SI	<1	1	<3	2	<.3	1	<1	4	.03	<2	<8	<2	<2	2	<.5	<3	<3	<1	.11	<.001	1	2	.02	3	<.01	<3	.02	.46	.01	<2	.2
66+55N 50+00E R.G.	1	158	4	67	.3	5	19	1210	3.87	<2	<8	<2	<2	199	<.5	<3	<3	178	4.11	.181	8	6	1.94	151	.15	<3	1.90	.03	.51	<2	20.9
66+40N 50E	1	197	5	82	<.3	7	24	1248	3.95	2	<8	<2	<2	188	<.5	<3	<3	166	2.68	.185	10	6	2.34	96	.18	3	2.30	.04	1.06	<2	5.5
66+40N 50+00E R.G.	<1	266	7	92	<.3	7	28	1488	4.59	<2	<8	<2	<2	207	<.5	<3	<3	223	2.65	.217	9	9	2.40	237	.15	4	2.25	.04	.66	<2	5.2
66N 50+30E	<1	98	4	41	<.3	2	14	1146	2.03	<2	<8	<2	<2	205	<.5	<3	<3	71	11.11	.110	6	<1	1.23	35	.09	<3	1.18	.03	.28	<2	3.3
66N 50+30E R.G.	<1	180	<3	78	<.3	4	25	1163	3.57	2	<8	<2	2	200	<.5	<3	<3	136	1.59	.205	12	3	2.18	69	.12	4	2.14	.04	.52	<2	3.4
64+40N 50E	2	108	<3	73	.3	34	30	1341	4.75	2	<8	<2	2	41	<.5	<3	<3	189	6.33	.122	11	36	1.63	70	.26	5	2.24	.04	.05	<2	2.2
63N 49E	4	185	4	86	<.3	5	26	1420	4.01	2	<8	<2	<2	167	<.5	<3	<3	200	2.22	.221	8	8	2.44	328	.16	3	2.43	.04	.93	<2	3.3
61N 50E	2	33	<3	81	<.3	9	21	1535	3.81	3	<8	<2	<2	128	<.5	<3	<3	62	5.16	.143	6	12	1.54	65	.09	<3	1.80	.02	.22	<2	1.2
34+50N 33+50E R.G.	<1	113	<3	52	.3	11	16	852	3.49	5	<8	<2	<2	72	<.5	<3	<3	134	4.05	.135	7	35	.45	59	.01	10	.93	.04	.15	<2	7.8
34+40N 33+40E R.G.	<1	79	<3	99	.4	23	21	1036	4.18	<2	<8	<2	<2	155	.7	<3	<3	117	6.53	.115	7	52	1.16	52	<.01	9	1.40	.03	.09	<2	2.8
34N 34+50E	1	124	<3	37	.3	12	16	517	2.72	<2	<8	<2	<2	130	<.5	<3	<3	99	1.61	.125	2	20	1.05	319	.19	5	2.19	.22	.43	<2	24.3
RE 34N 34+50E	1	122	<3	37	<.3	12	15	512	2.69	2	<8	<2	<2	129	<.5	<3	<3	97	1.61	.125	2	19	1.04	312	.19	3	2.18	.21	.43	<2	24.4
29+70N 39+00E	<1	22	5	29	<.3	27	5	292	1.36	<2	<8	<2	<2	39	<.5	<3	<3	19	.40	.072	13	27	.48	126	.03	<3	.57	.05	.14	<2	2.0
29+50N 39E	14	14	<3	56	.4	139	9	838	3.01	3	<8	<2	<2	515	<.5	<3	<3	28	10.83	.051	7	60	7.09	122	.02	<3	.16	.04	.10	<2	1.0
STANDARD DS5/AU-R	15	146	25	136	.6	26	13	796	3.02	20	<8	<2	3	47	5.5	4	6	62	.73	.097	12	189	.69	137	.10	17	2.16	.04	.15	5	478.6

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: ROCK R150 60C AU* IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (15 gm)
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 25 2003 DATE REPORT MAILED: *Dec 9/03* SIGNED BY: *CTH* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

PAGE 15 P

GEOCHEMICAL ANALYSIS CERTIFICATE

Canica Ltd. File # A305836

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper



Table with columns for SAMPLE#, elements (Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Hg, Sc, Tl, S, Ga, Se), and units (ppm, % ppm, ppb, ppm ppm). Rows include G-1, HEAD SOIL, 32+75E 34+65N, 32+75E 34+15N, 32+75E 33+60N, 33+00E 34+00N, 33+15E 33+30N, 33+30E 34+30N, 33+50E 33+50N, 33+50E 33+10N, 33+65E 34+70N, 34E 33+50N, 34+50E 34+50N, 34+50E 34N, 34+50E 33+50N, RE 34+50E 33+50N, 49+70E 66+00N, 49+70E 65+00N, 49+70E 64+50N, 49+80E 64N, and STANDARD DS5.

GROUP 1DX - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS. UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM. - SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 25 2003 DATE REPORT MAILED: Dec 3/03 SIGNED BY: [Signature] TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

PAGE 15 Q

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Date FA



GEOCHEMICAL ANALYSIS CERTIFICATE



Canica Ltd. File # A305838 (b)

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

SAMPLE#	Nd	Ni	Os	P	Pb	Pd	Pr	Pt	Rb	Re	Rh	Ru	S	Sb	Sc	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
JIM LA PIERRE	<.01	.2<.05	<20	1.0	<.2<.01<.01	.98	.01<.01<.05	17	<.05	1	1.1	6807<.02	.09	452.62<.02<.01<.05<.05	<10	<.01<.01	1.20	.5	.04	.01<.01	1474.6	.02												
STANDARD WASTWATR83	<.01	375.8<.05	<20	200.0	.2<.01<.01	.04<.01	.04<.05	<1	198.24	1	493.9	105<.02<.05	82.30<.02<.01<.05<.05	<10	630.96<.01	<.02	533.5	.04	.01<.01	1015.0	.04													

GROUP 2C - WATER SAMPLES ANALYZED BY ICP-MS, AS RECEIVED FOR EXPLORATION PURPOSES ONLY. SOLUTION SAMPLES DILUTED TO BELOW 0.1% TOTAL DISSOLVED SOLID BEFORE ANALYSIS. DETECTION LIMITS ELEVATED ACCORDINGLY.
- SAMPLE TYPE: WATER

DATE RECEIVED: NOV 25 2003 DATE REPORT MAILED: Dec 4/03 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Canica Ltd. File # A305838 (a)

907 - 7272 Kingsway, Burnaby BC V5E 1G4 Submitted by: Doug Hopper

SAMPLE#	Ag	Al	As	Au	B	Ba	Be	Bi	Br	Ca	Cd	Ce	Cl	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Hg	Ho	In	Ir	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
JIM LA PIERRE	<.05	<1	9	<.05	<20	38.02	<.05	<.05	15	63487	<.05	<.01	6	<.02	17.2	.03	11.1	<.01	<.01	<.01	<10	<.05	<.01	<.05	<.02	<.1	<.01	<.01	.14	1764	<.01	3.8	<.01	17374	2	23	5.2	9987	.05
STANDARD WASTWATR83	109.51	900	560.1	<.05	208	343.97	454.21	.05	<5	61	371.59	<.01	1	367.22	275.2	<.01	188.7	<.01	<.01	<.01	750	.08	<.01	1.39	<.02	44.5	<.01	<.01	<.05	50	<.01	<.1	<.01	<50	157.01	85.5	50	.01	

GROUP 2C - WATER SAMPLES ANALYZED BY ICP-MS, AS RECEIVED FOR EXPLORATION PURPOSES ONLY. SOLUTION SAMPLES DILUTED TO BELOW 0.1% TOTAL DISSOLVED SOLID BEFORE ANALYSIS. DETECTION LIMITS ELEVATED ACCORDINGLY.
- SAMPLE TYPE: WATER

DATE RECEIVED: NOV 25 2003 DATE REPORT MAILED: Dec 4/03 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

PAGE 15 R

LOCATION	CU PPM	ZN PPM	MM PPM	CO ₂ %	MS PPM	HW PPS	
43N 52100E	336	86	1210	1.09	9	4	SOIL
44E 39150E	134	153	1986	1.34	42	21	SOIL
6048 S. BOUNDARY	181	59	632	2.63	3	<2	ROCK
39E 48100N	1650	135	1887	5.55	8	2	ROCK
43E 55150N	285	95	1444	1.10	12	<2	SOIL
45E 54100N	712	575	3932	1.32	12	<2	SOIL
45E 55100N	612	331	3140	1.22	20	<2	SOIL
42E 41125N	2016	165	1997	9.96	4	<2	ROCK
52100E 43100N	336	86	1210	1.09	9	4 4	SOIL
37100N 43100E	102	75	981	1.19	5	310	
37100N 43150E	2446	52	1028	5.71	20	1082	ROCK
36100E 38100N	152	61	849	0.83	9	15	SOILS GROUPED
36100E 37150N	128	85	1103	0.58	4	112	
36100E 37100N	131	119	1683	0.59	11	284	
36100 36150N	112	99	1018	0.63	11	137	
37100E 38150N	98	53	949	1.28	4	2	SOILS GROUPED
37100E 38100N	188	97	1137	0.49	9	262	
37100E 37150N	240	100	1221	0.65	8	553	
51100E 37100N	117	74	1157	0.67 0.73	12	73	SOILS GROUPED
51100E 36150N	118	94	1196	0.62	11	25	
51100E 36100N	138	102	1336	0.19	22	104	
35125E 37150N	147	77	1117	0.81	11	27	SOILS GROUPED
↓ 37N	187	667	1727	0.61	15	318	
↓ 36150N	111	137	1658	0.47	12	771	
↓ 35125 36100N	161	94	1000	0.62	11	220	

P16A

CONEIA PROPERTY SOME MINERAL HIGHLIGHTS

STATEMENT OF QUALIFICATIONS

DOUGLAS H. HOPPER

I attended Haileybury School of Mining during the years 1962 to 1966 studying Mining Technology.

Since the year 1964, I have worked with Hudson Bay Exploration, Kennecot Exploration, Sumitome Exploration, and a number of other exploration companies as a field geologist, underground geologist, Diamond Drill supervisor and other related duties concerning mining.

~~FEB 3/03~~
Jan 21/04

Douglas H. Hopper
Douglas H. Hopper



ACME ANALYTICAL LABORATORIES LTD.

852 E. Hastings St. Vancouver, B.C. Canada V6A 1R6

Phone: (604) 253-3158 Fax: (604) 253-1716

Toll Free: 1-800-990-ACME E-Mail: acme_labs@minklink.bc.ca

METHOD FOR WET GEOCHEM GOLD ANALYSIS

Sample Preparation

Soils and sediments are dried(60 deg. C) and sieve to -80 mesh.

Rocks and cores are crushed and pulverized to -100 mesh.

Sample digestion

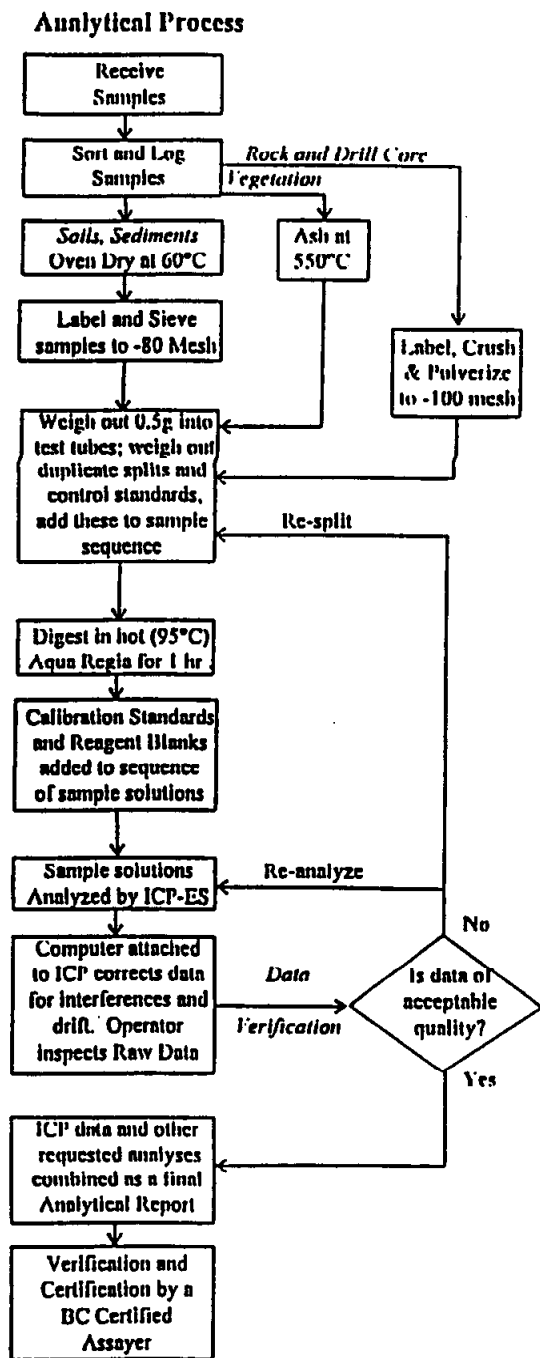
10g samples, ignite at 600 deg. C for four hours, digest with 3:1:2 mixture HCL:HNO₃:H₂O in hot water bath for one hour. 50ml digested solution is extracted into 10 ml MIBK (methyl-isobutyl ketone). The organic fraction is then analyzed for gold using Varian graphite furnace AA (Spectr 10 plus). Detection for gold is 1 ppb.

PIBA



ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C., Canada V6A 1R6
Telephone: (604) 253-3158 Fax: (604) 253-1716

METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 1D - 30 ELEMENT ICP BY AQUA REGIA



Comments

Sample Preparation

Soils and sediments are dried (60°C) and sieved to -80 mesh (-177 microns), rocks and drill core are crushed and pulverized to -100 mesh (-150 microns). Plant samples are dried (60°C) and pulverized or dry ashed (550°C). Moss-mat samples are dried (60°C), pounded to loosen trapped sediment then sieved to -80 mesh. At the clients request, moss mats can be ashed at 550°C then sieved to -80 mesh although this can result in the potential loss by volatilization of Hg, As, Sb, Bi and Cr. A 0.5 g split from each sample is placed in a test tube. A duplicate split is taken from 1 sample in each batch of 34 samples for monitoring precision. A sample standard is added to each batch of samples to monitor accuracy.

Sample Digestion

Aqua Regia is a 3:1:2 mixture of ACS grade conc. HCl, conc. HNO₃ and demineralized H₂O. Aqua Regia is added to each sample and to the empty reagent blank test tube in each batch of samples. Sample solutions are heated for 1 hr in a boiling hot water bath (95°C).

Sample Analysis

Sample solutions are aspirated into and ICP emission spectrograph (Jarrel Ash AtomComp model 800 or 975) for the determination of 30 elements comprising: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Data Evaluation

Raw and final data from the ICP-ES undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

Document: ICP30M&S.doc

Date: November 15, 1995

Prepared By: J. Gravel

Separation
Lakes

NORTH

CONCHA CLAIM GROUP
 PRINCIPAL B.C.
 ASSESSMENT REPORT 318
 METAMORPHIC MAP
 METAMORPHIC SURVEY BRANCH
 REPORT 611
 1951
 D.H. SM 2003
 (APPROX)

SCALE 500

VALLEY

MAP 1214 058
MAP 1214 048

ALISON
CREEK

DAIS
1W 55

FENCE

CONCHA

P. LINE

CONCHA

CONCHA

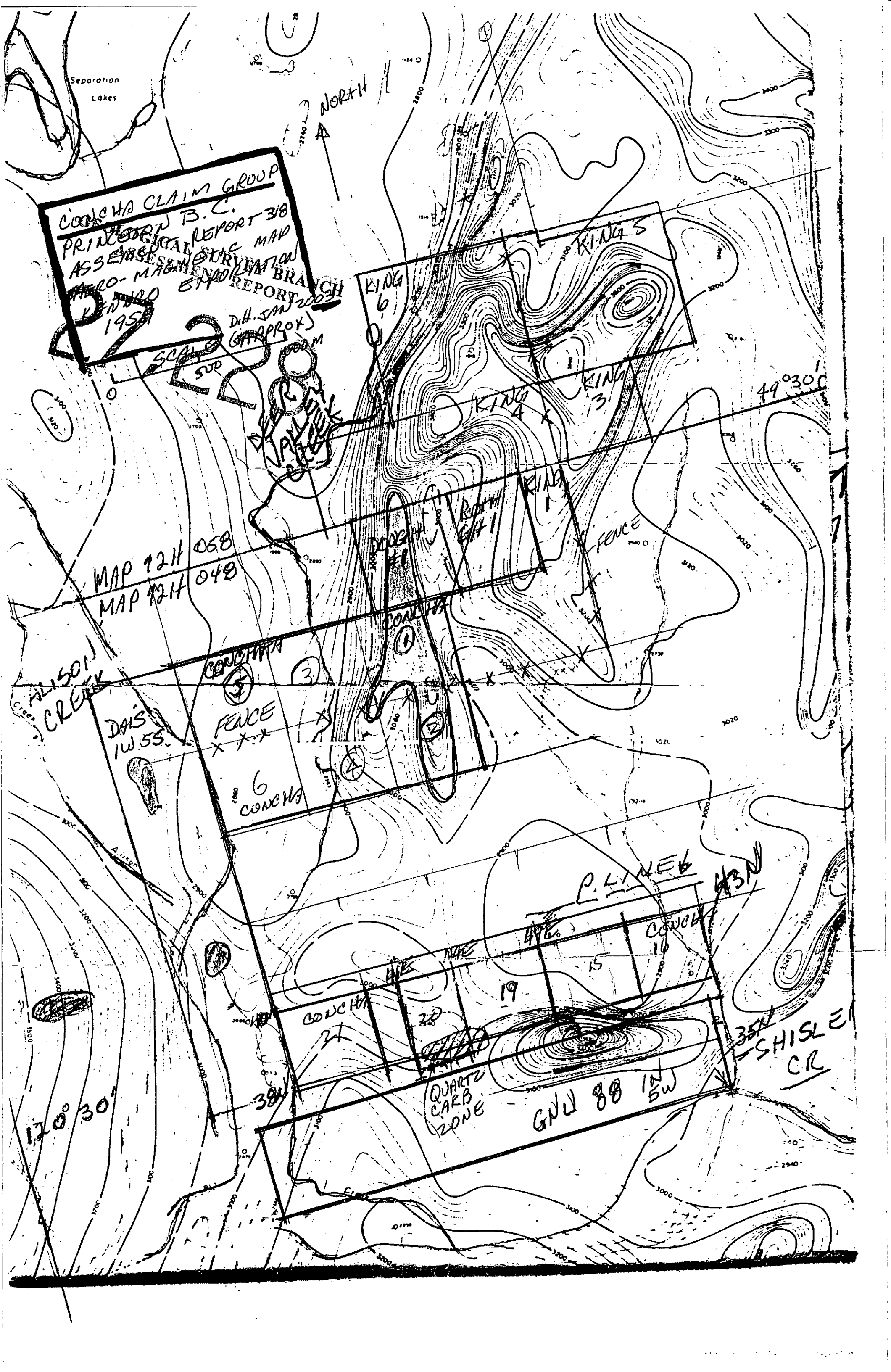
QUARTZ
CARB
ZONE

GNL 88 IN SW

SHISLE
CR

170° 30'

49° 30'



Separation
Lakes

NORTH

CONCHA CLAIM GROUP
 PRINCETON B.C.
 ASSEMBLY REPORT 318
 GEO-MAGNETIC MAP
 KENNEDY BRANCH
 REPORT 2003
 1958
 D.H. SMITH (APPROX)

SCALE 500



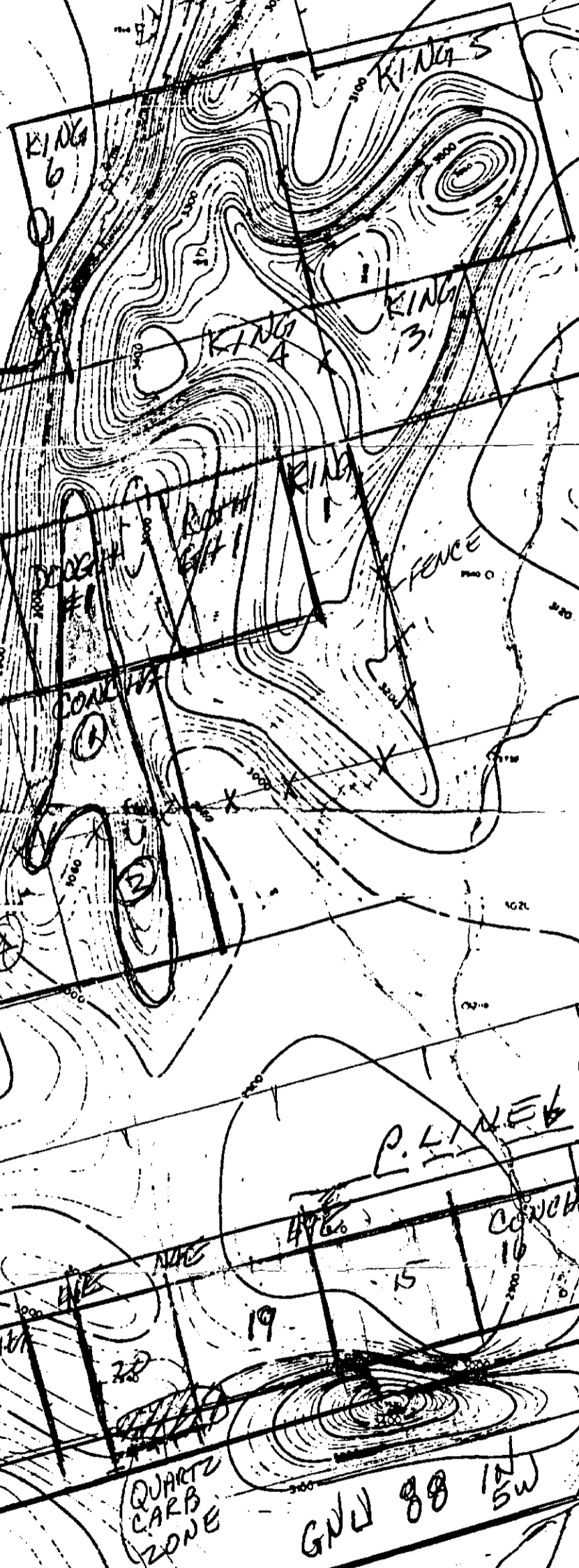
MAP 1214 058
 MAP 1214 048

ALISON CREEK

DAIS W 55

FENCE

6 CONCHA



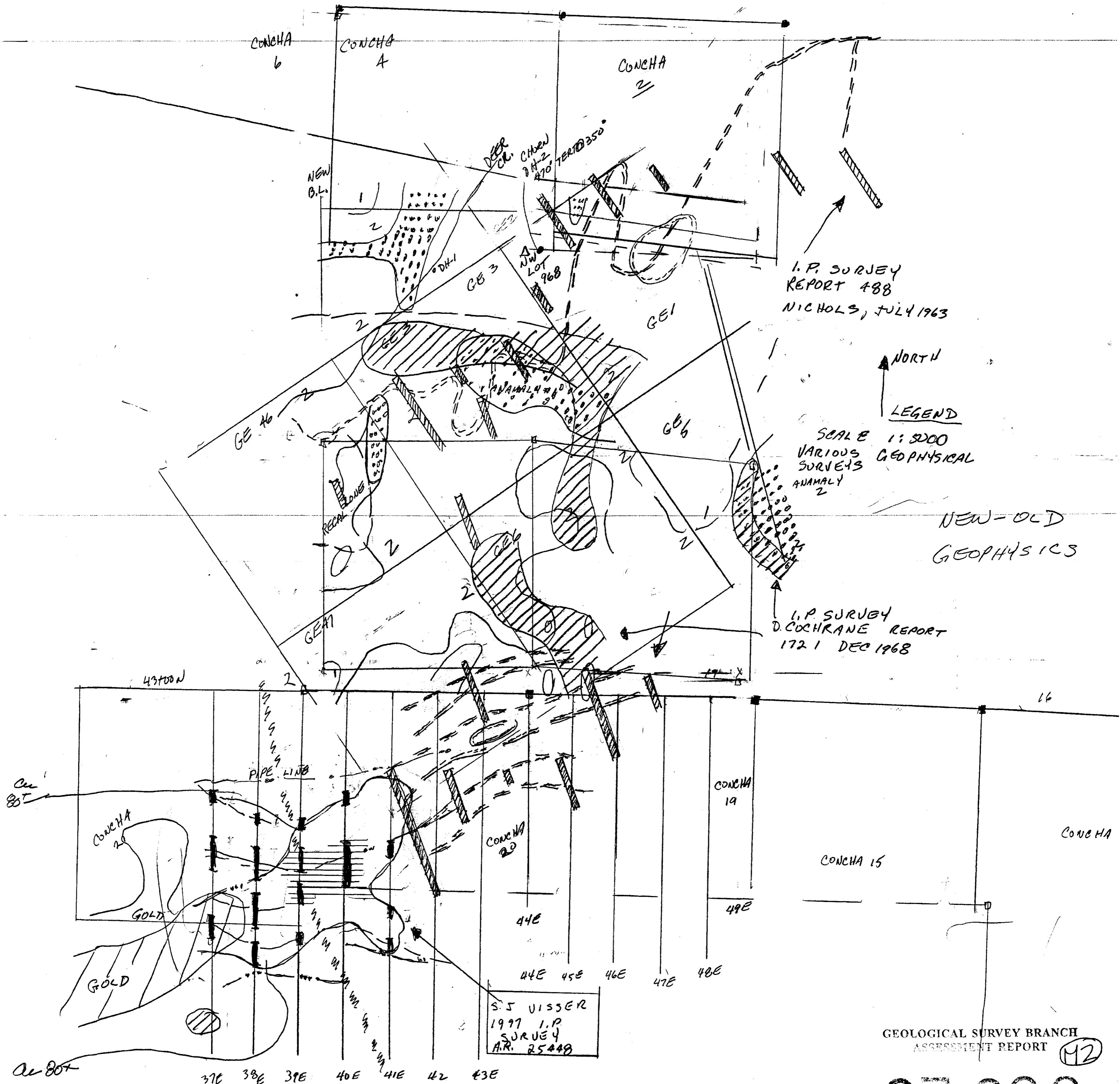
P. LINE

QUARTZ CARB ZONE

GNL 88 IN SW

SHISLE CR

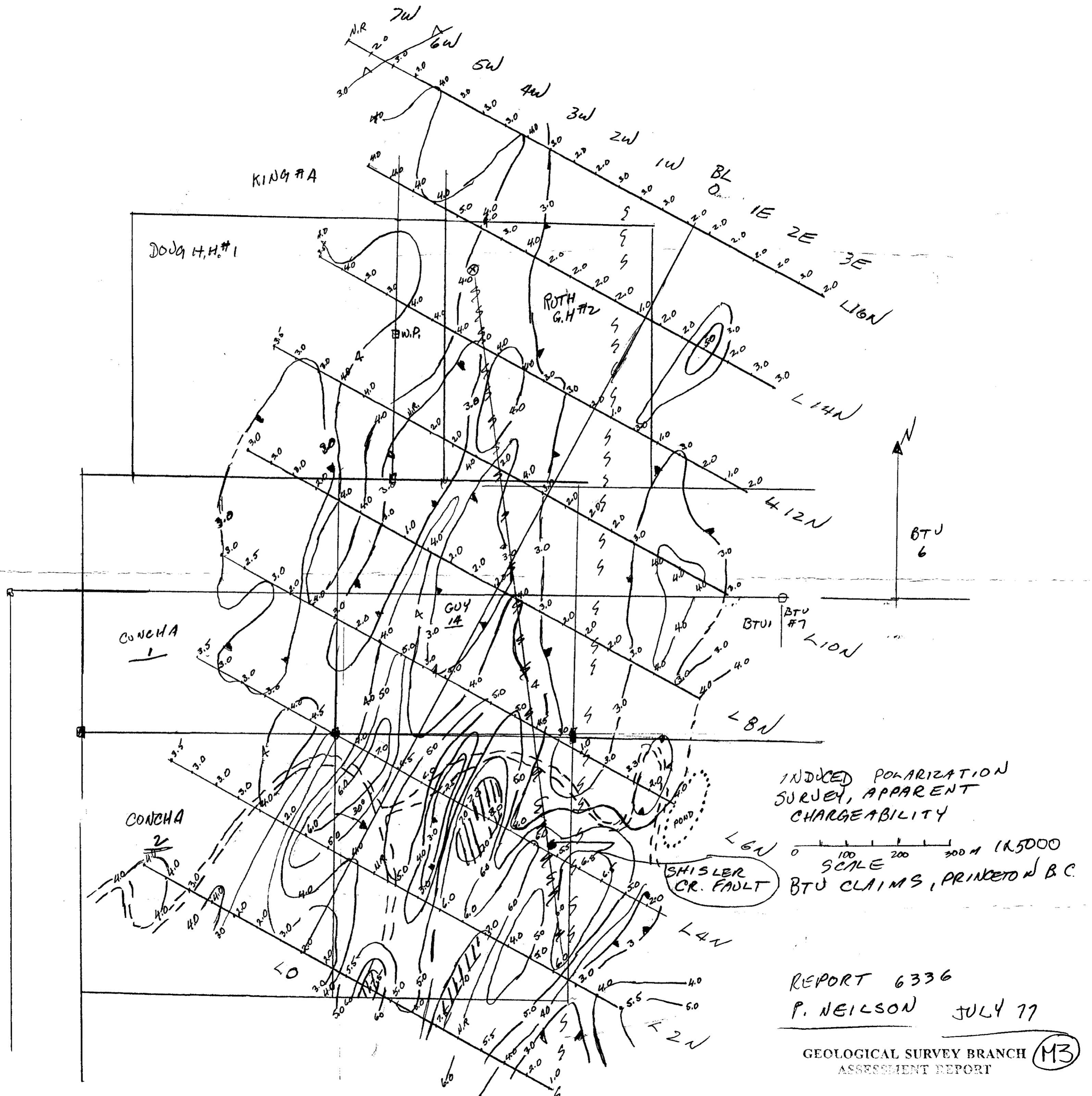
(MI)



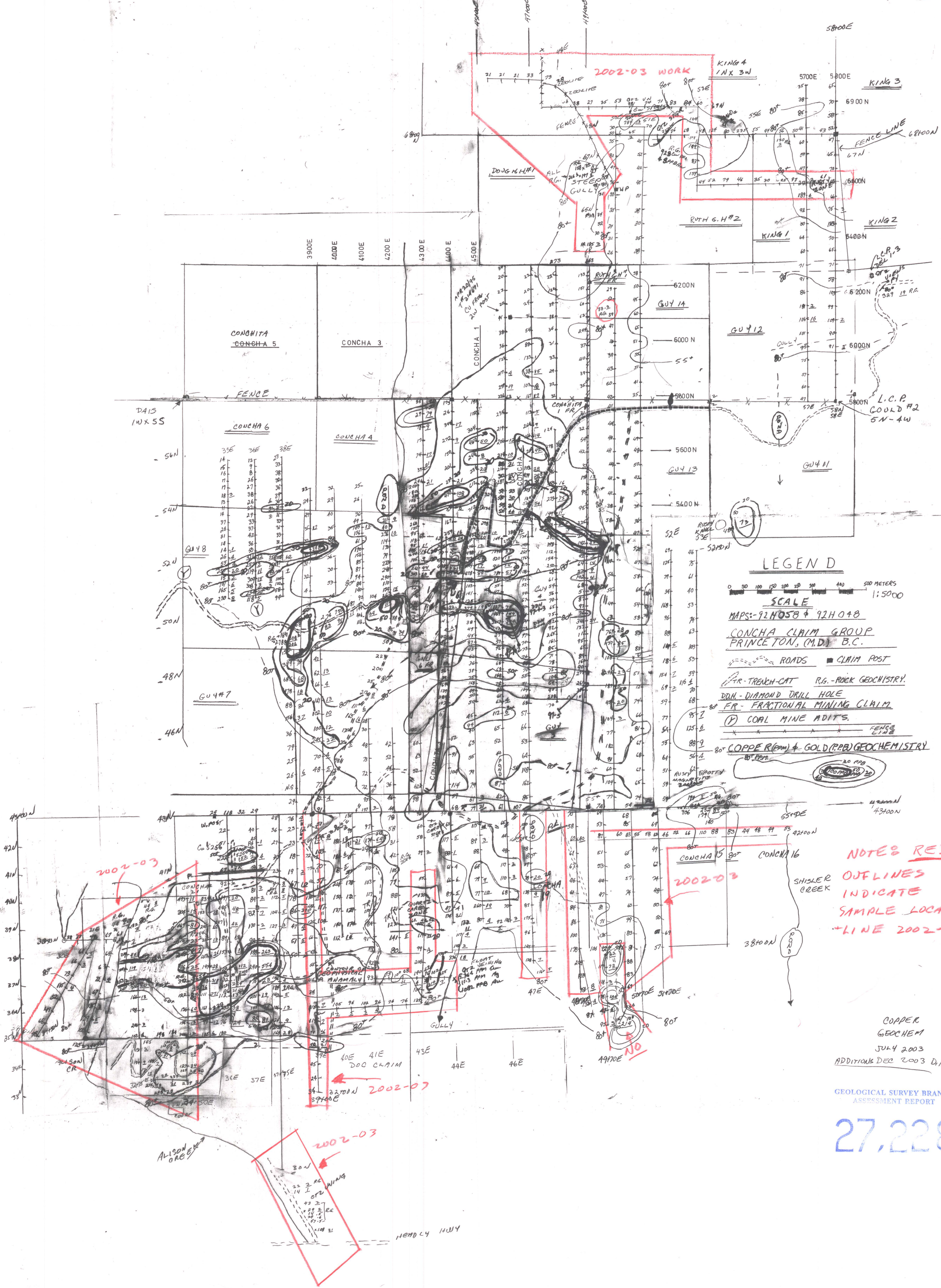
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

(M2)

27,228



27,228



LEGEND

0 50 100 150 200 250 300 400 500 METERS
SCALE 1:5000

MAPS: 92H058 & 92H048

CONCHA CLAIM GROUP
PRINCETON, (M.D.) B.C.

ROADS CLAIM POST

TRENCH-CAT R.G. - ROCK GEOCHEMISTRY

DDH - DIAMOND DRILL HOLE

FR - FRACTIONAL MINING CLAIM

COAL MINE ADITS

COOPER (PPM) & GOLD (PPB) GEOCHEMISTRY

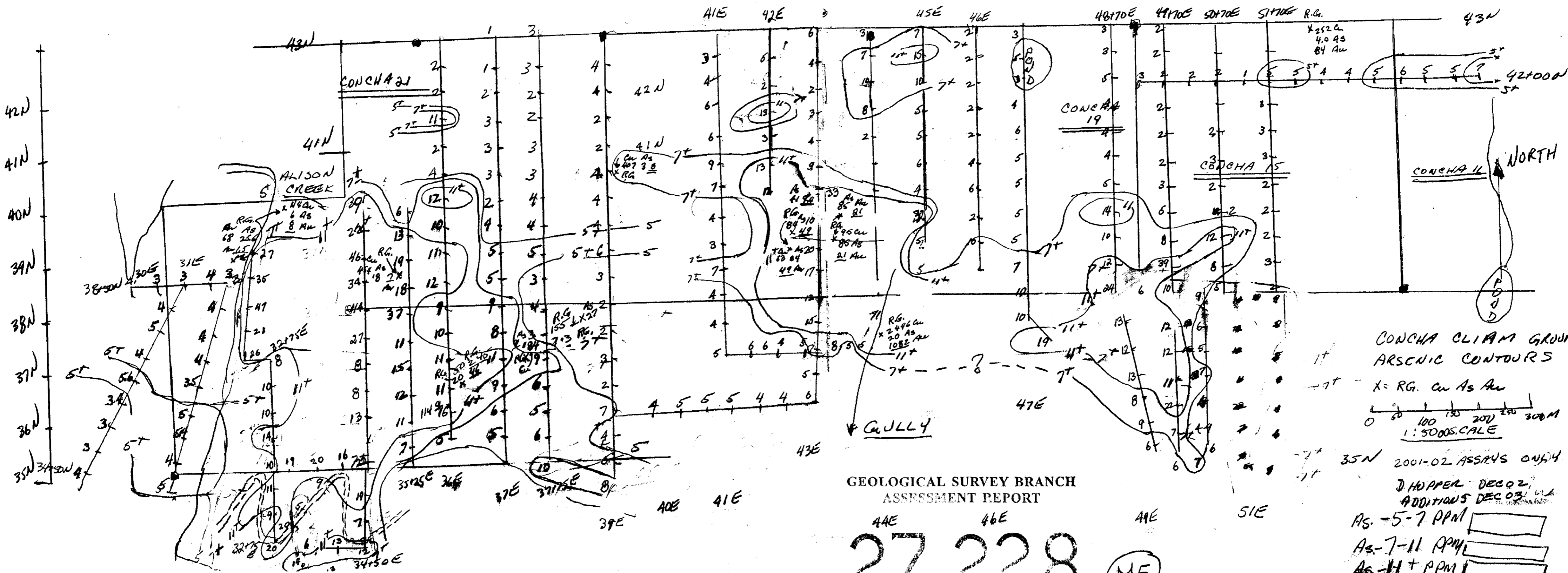
NOTES RED

OFFLINES
INDICATE
SAMPLE LOCATION
+LINE 2002-03

COOPER
GEOCHEM
JULY 2003
ADDITIONS DEC 2003 D.H

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT (M4)

27.228

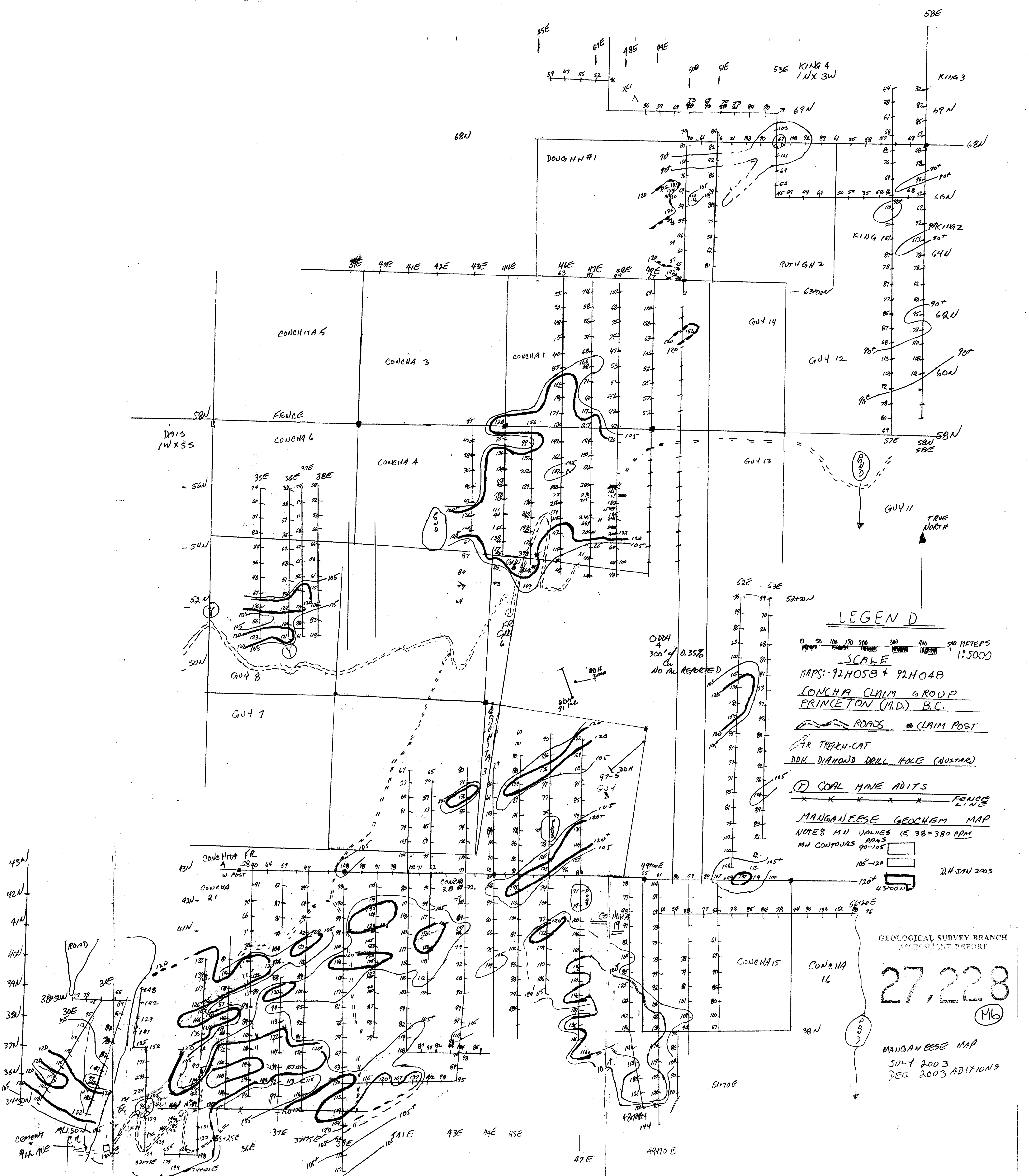


GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

27,228 (M5)

CONCHA CLIMAX GROUP
ARSENIC CONTOURS
x = RG. Cu As Au
0 50 100 150 200 250 300 M
1:5000 SCALE

35N 2001-02 ASSAYS ONLY
D. HOPPER DEC 02
ADDITIONS DEC 03
As - 5-7 PPM
As - 7-11 PPM
Au - 11+ PPM



LEGEND

0 50 100 150 200 300 400 500 METERS
SCALE 1:5000

MAPS: 92H0508 + 92H0408
CONCHA CLAIM GROUP
PRINCETON (M.D.) B.C.

ROADS CLAIM POST
TR TRENCH-CAT
DDH DIAMOND DRILL HOLE (MUSTAR)

COAL HIVE ADITS
FENCE LINE
MANGANESE GEOCHEM MAP

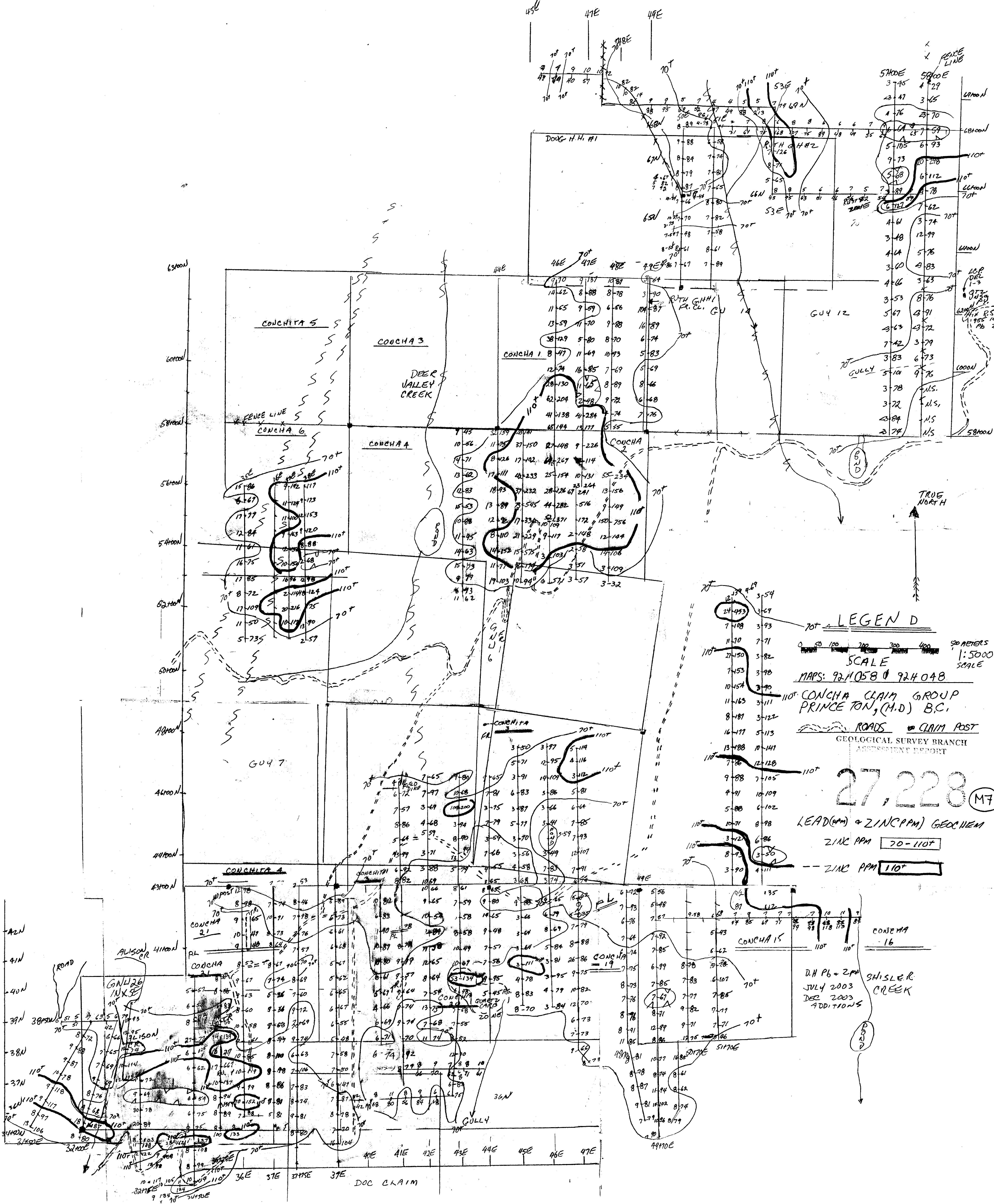
NOTE: MN VALUES IE, 38=380 PPM
MN CONTOURS 90-105

21 JAN 2003

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

27,228 (Mb)

MANGANESE MAP
JULY 2003
DEC 2003 ADDITIONS



LEGEND

- 0 50 100 200 300 400 500 METERS
- SCALE 1:5000 SCALE
- MARS: 92.H.058 & 92.H.048
- 110' CONCHA CLAIM GROUP PRINCETON, (M.D.) B.C.
- ROADS CLAIM POST
- GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT
- LEAD (PPM) & ZINC (PPM) GEOCHEM
- ZINC PPM 70-110'
- ZINC PPM 110'

27,228 (M7)

D.H. P6 + 2nd
JULY 2003
DEC 2003
ADDITIONS

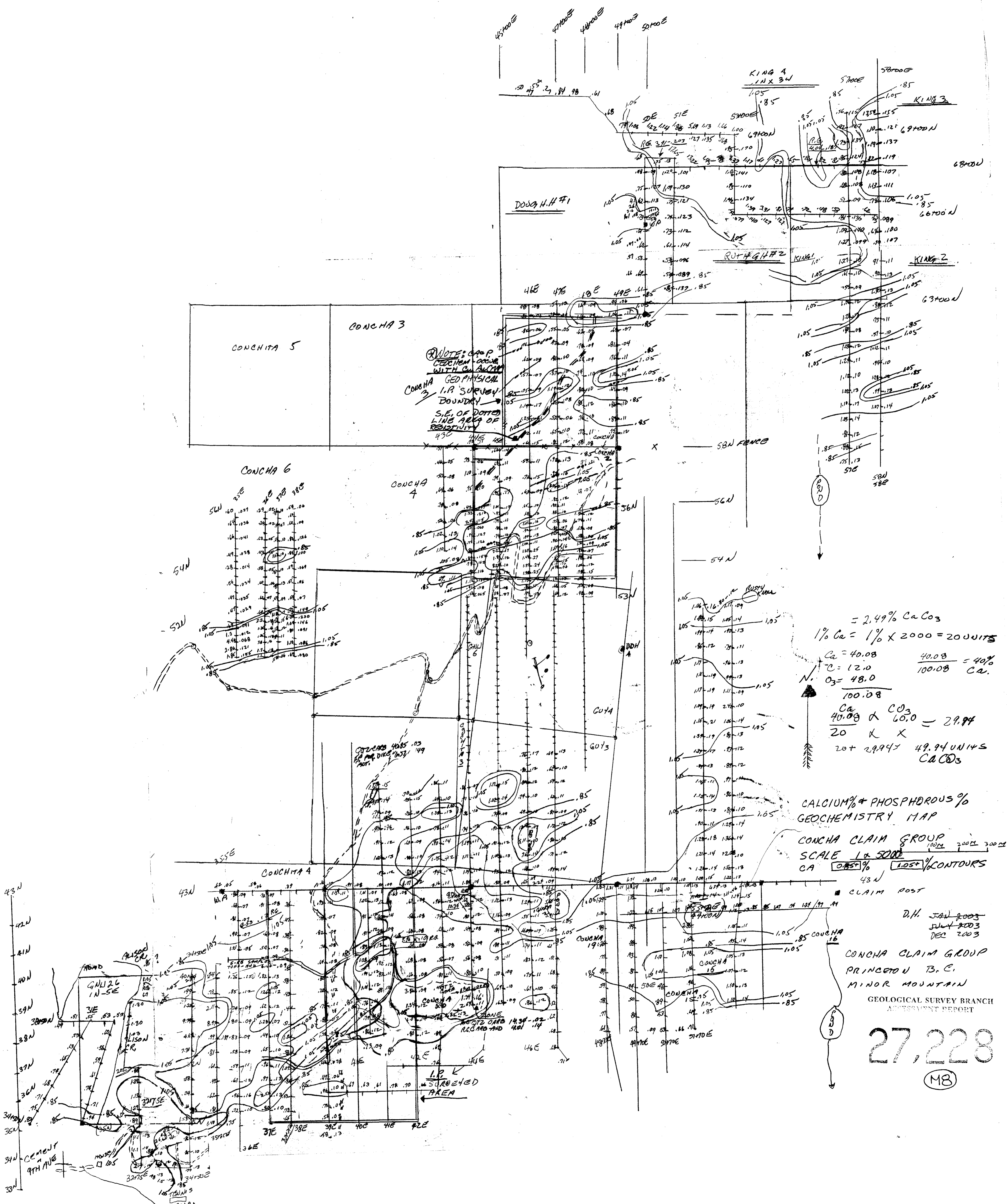
SHISLER CREEK

6300N
6000N
5800N
5600N
5400N
5200N
5000N
4800N
4600N
4400N
4200N

45E 47E 49E

40E 41E 42E 43E 44E 45E 46E 47E

DOC CLAIM



NOTE: CAP P
 WITH AN...
 CONCHA 3
 I.P. SURVEY
 BOUNDARY
 S.E. OF DOTTED
 LINE AREA OF
 RESERVATION

= 2.49% CaCO₃
 1% Ca = 1% x 2000 = 20 UNITS
 Ca = 40.08
 C = 12.0
 O = 48.0
 100.08
 40.08 x 60.0 = 24.04
 20 x X
 20 + 24.04 = 44.04 UNITS
 CaCO₃

CALCIUM & PHOSPHOROUS %
 GEOCHEMISTRY MAP
 CONCHA CLAIM GROUP
 SCALE 1:5000
 CA 0.85% 1.05% CONTOURS

CLAIM POST
 D.H. JAN 2003
 JULY 2003
 DEC 2003
 CONCHA CLAIM GROUP
 PRINCETON B.C.
 MINOR MOUNTAIN
 GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT

27,228
 (M8)