

LOG NO: JUN 28 1993 RD

ACTION:

FILE NO:

Rock & Soil Geochemical Report

on the

CONCHA CLAIM GROUP

Princeton, B.C.

Similkameen Mining Division

Map #92H-8W

Co-ordinates: 48°28"N & 120°28"W

Written by

DOUG HOPPER, H.S.M.

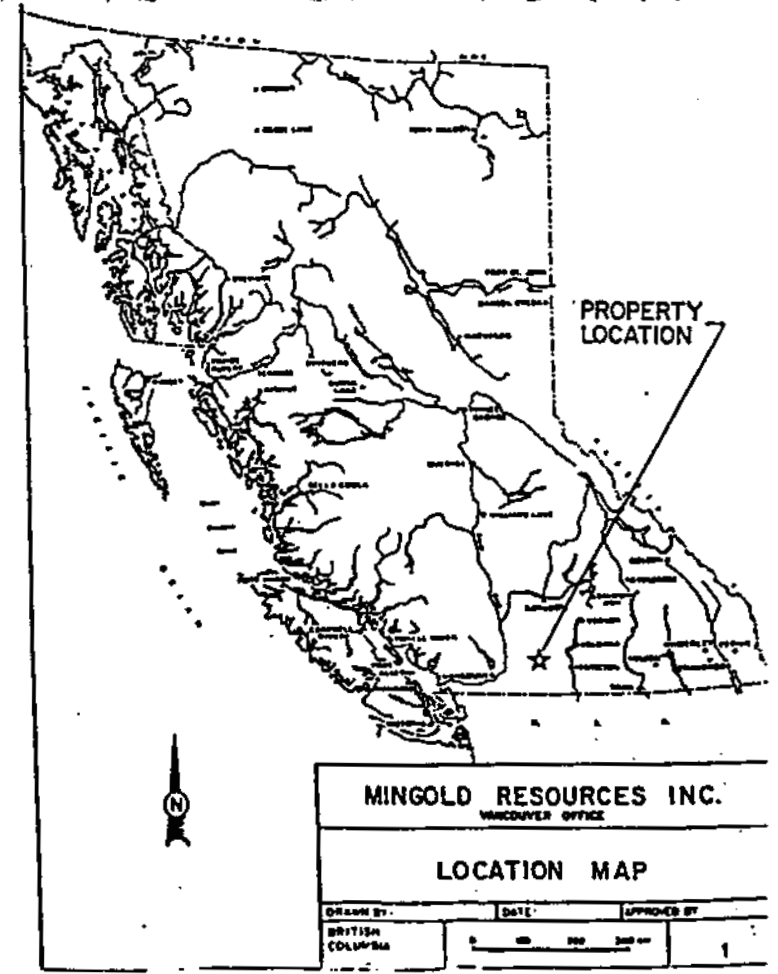
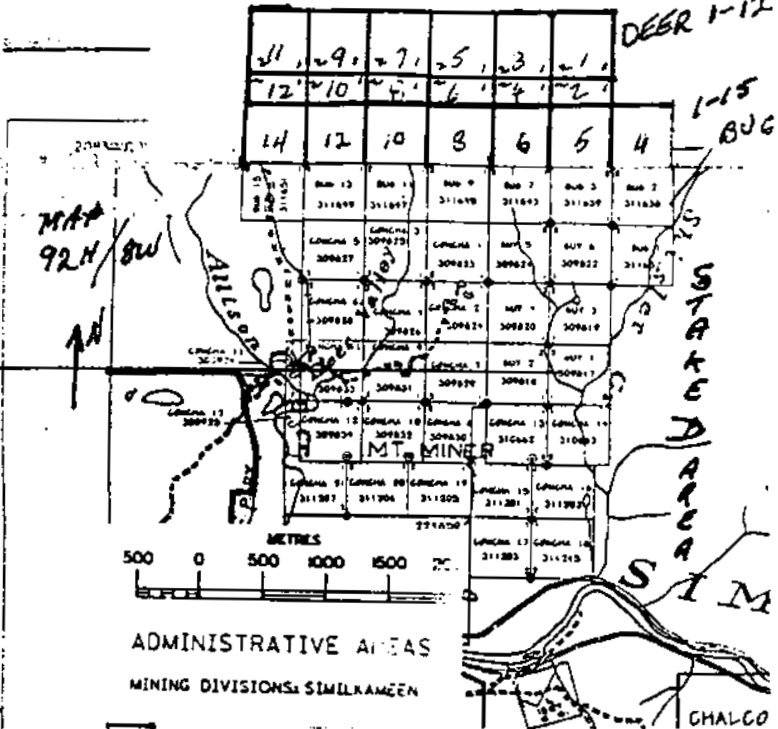
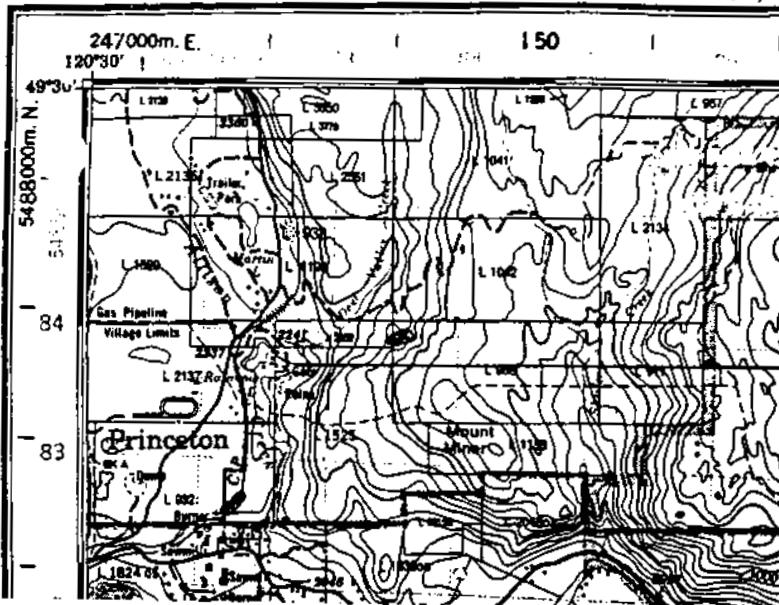
June 2, 1993

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,920

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Copper & Gold Geochem Map; 1:50 scale	In Pocket



CLAIMS LOCATION AND ACCESS

<u>Claim Name</u>	<u>Record No.</u>	<u>Expiry Date</u>
Concha 1-6	309823-828	June 6, 1994
Concha 7-12	309829-834	June 6, 1995
Concha 13	310662	June 20, 1995
Concha 14	310663	June 20, 1994
Concha 15-21	311201-207	July 9, 1994
Guy 1-6	309817-822	May 21, 1995

The claims are on Map #92H82, 49°28"N and 120°28"W. They are situated mostly on the grassy slopes of Miner Mountain, 3 miles north of Princeton.

Access is gained by leaving Princeton, passing the race track and Allison Creek, then by taking a dirt road near Deer Valley Creek easterly to the mountaintop.

SOIL SAMPLES

The soils were all taken with a shovel and a mattock at depths of 8 to 12", placed in an envelope created for this job, co-ordinates marked as per location, dried and then taken to the laboratory for analyses.

COPPER-GOLD GEOCHEM MAP AREA DISCUSSION

Lines 39+00E to 49+00E were taken from K.J. Taylor's reports of August 24, 1988 (TNT Claims) and his July 15, 1989 (#19043) microfiche. Not included are expenses for this report.

Lines 500+00E and 51+00E were done to extend Mr. Taylor's grid to the east. The lines were also taken to the north to see what activity was present over the Magnetometer Survey Map (see Report #251, Map #4, included with this report). Some light copper geochem was discovered over Guy #5 which also correlates with the magnetometer readings there.

A histogram was done to come up with a new basis point of 55+ ppm which may be the same as 80+ in Taylor's report for the 1992-93 geochem samples. A total of 85 soil samples were taken.

ALLISON CREEK FAULT

It has been reported that the coal seam located on Concha #11 north of the road has copper mineralization on both sides of the coal seam. At the end of the seam where it is faulted off, there was also copper mineralization.

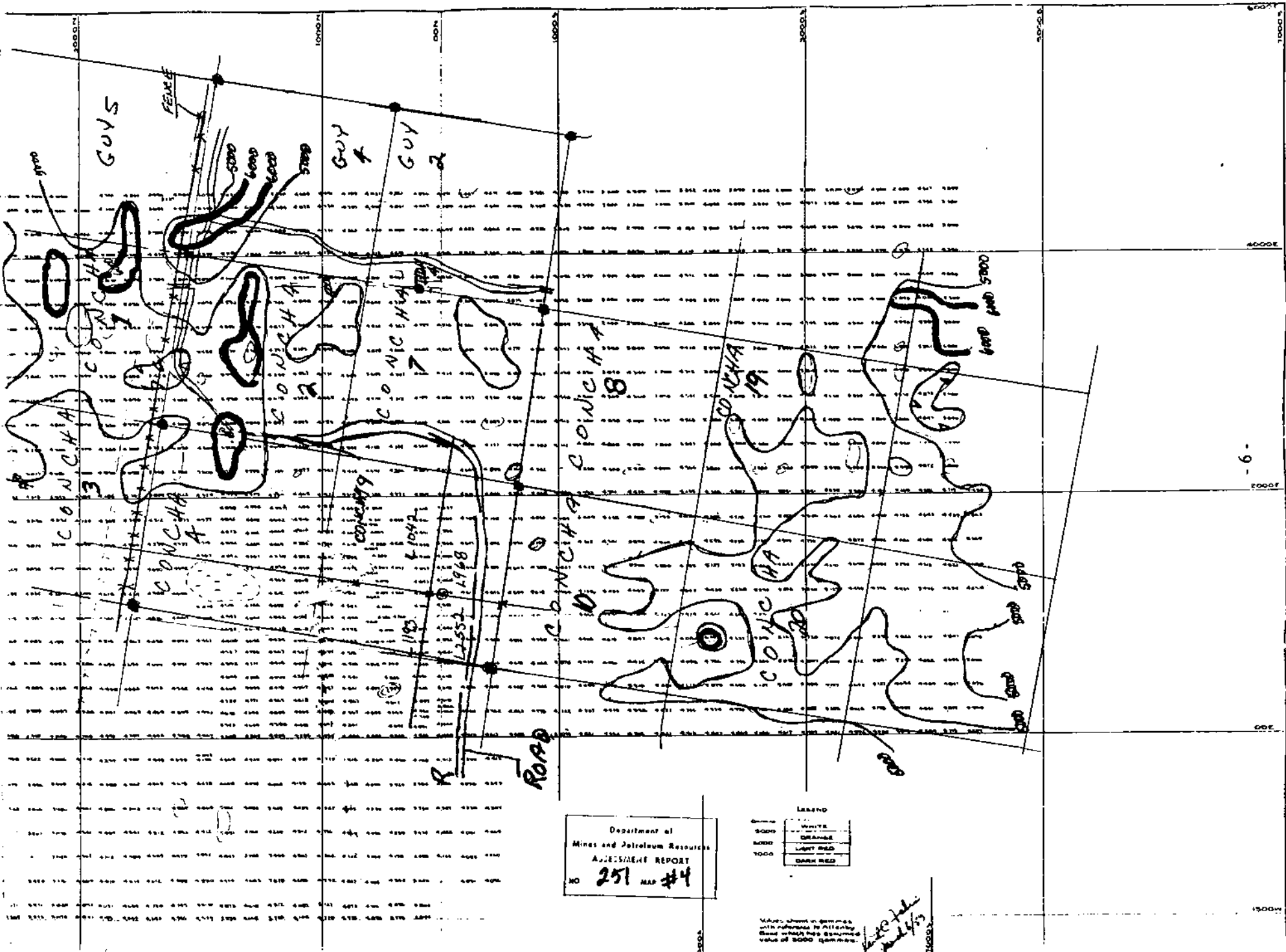
The elevation of this rock unit containing the coal seam is apparently lower than the rock units on top of the hill as possibly being dragged under the older rock units there; plate tectonics?



SAMPLE#	Cu ppm	Au* ppb
071421	175	18
071422	103	16
071423	4128	24
071424 -	3006	320
071425	2994	260
071426	842	18
071427	923	18
RE 071427	913	23
071428	10044	140
071429	3944	21
STANDARD C/AU-R	62	450

Sample type: ROCK. Samples beginning 'RE' are duplicate samples.

071421 TR # 8 TUFF NO MAGNETITE PYRITE + MALACHITE
 071422 TR # 10 " " "
 071423 TR # 7 WEST OF DH 4 TUFFS, PYRITE + MALACHITE
 WEAK MAGNETITE
 -5
 071425 TR # 4 WEST OF DH 4 PY, TUFFS, MALACHITE WEAK
 MAGNETITE
 071426 TR # 6 TUFFS, MALACHITE + PYRITE
 071427 TR # 10 GREY SULPHIDES TAN COLORED ROCK IS SAME AS
 AT IP OF CONCHA 11 + 12
 071428 TR # 7 N.W. OF DH # 4, JUMP MATERIAL, TUFFS PY +
 MALACHITE IN FRACTURES
 071429 TR # 7 WEST OF DH # 4, STRONG MAGNETITE TUFFS



Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO 251 MAP #4

LEGEND

5000	WHITE
3000	ORANGE
1000	LIGHT RED
	DARK RED

Map shown in German
 with reference to Attorney
 Gaud which has estimated
 value of 5000 German.

Handwritten:
 1/20/44
 1/2/45

BRADFORD COY. (S.A.) P. (P.) LTD.
 GEORGE MOUNTAIN, N.C.

1:25000 Scale 1 inch = 400 feet

THE Royal Ordnance MANUFACTURER

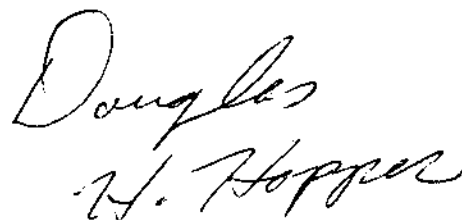
MAP NO.	
NO.	

STATEMENT OF QUALIFICATIONS FOR DOUGLAS H. HOPPER

1. I attended the Haileybury School of Mining during the years 1962 to 1966 studying Mining Technology.
2. Since the year 1964, I have worked with Hudson Bay Exploration, Kennecott 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.

June 1993

Douglas H. Hopper

A handwritten signature in cursive script that reads "Douglas H. Hopper". The signature is written in black ink and is positioned to the right of the typed name.

CONCHA CLAIMS EXPENSES

July 30/92	Assaying	\$ 88.81
June 20-22/92	Wages for D. Hopper and G. Delorme 6 man days @ \$75/day	450.00
	Truck Rental - 3 days @ \$50/day	150.00
June 20/92	Motel Rent for 2	60.00
	Meals	34.38
	Gas	40.40
April 18/93	D. Hopper & G. Delorme - 2 x 1/2 days	150.00
April 19/93	D. Hopper, G. Delorme & E. Becker - 3 @ \$150	450.00
April 20/93	3 men @ 1-1/2 days @ \$150/day	225.00
April 18-20/93	Truck Rental - 3 days @ \$50/day	150.00
	Food	50.00
	Lodging	96.00
	Gas	50.00
	Assaying: 56 Soils, 9 Rock	637.13
May 15/93	2 men x 1/2 days @ \$150/day	150.00
May 18/93	D. Hopper & G. Delorme - 2 days @ \$150/day	300.00
May 15-18/93	Truck Rental - 2 days @ \$50/day	100.00
May 17/93	Hotel Rent	43.70
	Food	40.00
	Gas	35.00
	Assaying	282.48
	Report Writing & Drafting	<u>551.68</u>
	TOTAL EXPENSES	<u>\$ 4,134.58</u>

GEOCHEMICAL ANALYSIS CERTIFICATE

SMR Investments Ltd. File # 92-2025

11520, Voyager Way, Richmond, BC, V6X 3E1 Analyzed by: DOUG KOPPER

AA

AA

SAMPLE#	Cu ppm	Au* ppb	
① GUY 1 OR 2	488	73	SOIL
② RE TRENCH GUY 1+2 A	78	3	ROCK
③ TRENCH GUY 1+2 A	74	1	"
④ TRENCH GUY 1+2 B	93	5	"
⑤ TRENCH GUY 1+2 C	130	7	"
⑥ ROAD N. CONCHA 9+10	114	14	"
⑦ I.P. CONCHA 11-12 A	1641	208	ROCK
⑧ I.P. CONCHA 11-12 B	2785	200	"
⑨ STANDARD C/AU-R	63	490	"

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 KCL-KNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR NG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: SOIL/ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GR SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 21 1992 DATE REPORT MAILED: July 20/92 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. MANG; CERTIFIED B.C. ASSAYERS

- ① SOIL 53E-48+00N
- ② RUSTY VOLCANIC ROCK 48+50N 51+00E
- ③④⑤ RUSTY VOLCANIC ROCK, TRENCH 51+50E - 51+00N
- ⑥ RUSTY VOLCANIC
- ⑦⑧ TAN COLORED VOLCANIC VIS. CP + MAWACHITE
- ⊛ NOTE SEE COPPER & GOLD GEOCHEM MAP FOR LOCATIONS



GEOCHEMICAL ANALYSIS CERTIFICATE



SMR Investments Ltd. PROJECT CONCHA File # 93-0845 Page 1
 5 - 11520 Voyageur Way, Richmond BC V6X 3E1 Submitted by: Doug Hopper

SAMPLE#	Cu ppm	Au* ppb
50E 62+00N	29	1
50E 61+50N	52	2
50E 61+00N	39	1
50E 60+50N	47	1
50E 60+00N	40	1
50E 59+50N	39	1
50E 59+00N	43	1
50E 58+50N	50	2
50E 58+00N	42	1
50E 57+50N	41	2
50E 57+00N	44	2
50E 56+50N	40	1
50E 56+00N	41	1
50E 55+50N	44	2
50E 55+00N	41	2
50E 54+50N	41	1
50E 54+00N	38	1
50E 53+50N	58	1
50E 53+00N	48	1
50E 52+50N	49	1
50E 52+00N	40	1
50E 51+50N	56	1
50E 51+00N	55	2
50E 50+50N	49	1
50E 50+00N	53	2
50E 49+50N	764	28
50E 49+00N	1137	85
51E 63+00N	84	2
51E 62+50N	58	1
51E 62+00N	50	2
RE 51E 62+00N	48	2
51E 61+50N	45	1
51E 61+00N	60	1
51E 60+50N	65	2
51E 60+00N	51	3
51E 59+50N	55	1
51E 59+00N	51	1
STANDARD C/AU-S	58	49

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ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: P1 TO P2 SOIL P3 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
 Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: MAY 13 1993 DATE REPORT MAILED: *May 19 93* SIGNED BY: *[Signature]* ...B. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



AA ANALYTICAL



AA ANALYTICAL

SAMPLE#	Cu ppm	Au* ppb
51E 58+50N	41	2
51E 58+00N	35	1
51E 57+50N	35	<1
51E 57+00N	40	1
51E 56+50N	49	1
51E 56+00N	48	2
51E 55+50N	50	1
51E 55+00N	42	1
51E 54+50N	35	1
51E 54+00N	39	2
51E 53+50N	36	2
51E 53+00N	47	2
51E 52+50N	52	2
51E 52+00N	47	1
51E 51+50N	58	1
51E 51+00N	65	1
51E 50+50N	54	2
51E 50+00N	58	1
51E 49+50N	83	3
<i>49E 51+50N</i> RE 51E-49+50N	83	3
51E 49+00N	59	2
STANDARD C/AU-S	62	46

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Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



GEOCHEMICAL ANALYSIS CERTIFICATE



SMR Investments Ltd. File # 93-0906

5 - 11520 Voyageur Way, Richmond BC V6X 3E1 Submitted by: Doug Hopper

SAMPLE#	Cu ppm	Au* ppb
50E 48+50N	106	2
50E 48+00N	245	23
50E 47+50N	187	5
50E 47+00N	459	20
50E 46+50N	104	3
50E 46+00N	77	2
50E 45+50N	102	1
50E 45+00N	81	2
50E 44+50N	60	2
50E 44+00N	104	2
50E 43+50N	77	2
50E 43+00N	68	2
RE 50E 43+00N	68	2
50E 42+50N	85	2
50E 42+00N	63	1
50E 41+50N	65	1
50E 41+00N	50	1
51E 48+50N	61	1
51E 48+00N	51	1
51E 47+50N	12	1
51E 47+00N	74	1
51E 46+50N	66	1
51E 46+00N	81	2
51E 45+50N	67	1
51E 45+00N	68	2
51E 44+50N	67	2
51E 44+00N	65	3
51E 43+50N	74	2
51E 43+00N	65	2
51E 42+50N	69	1
51E 42+00N	63	2
STANDARD C/AU-S	62	51

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ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

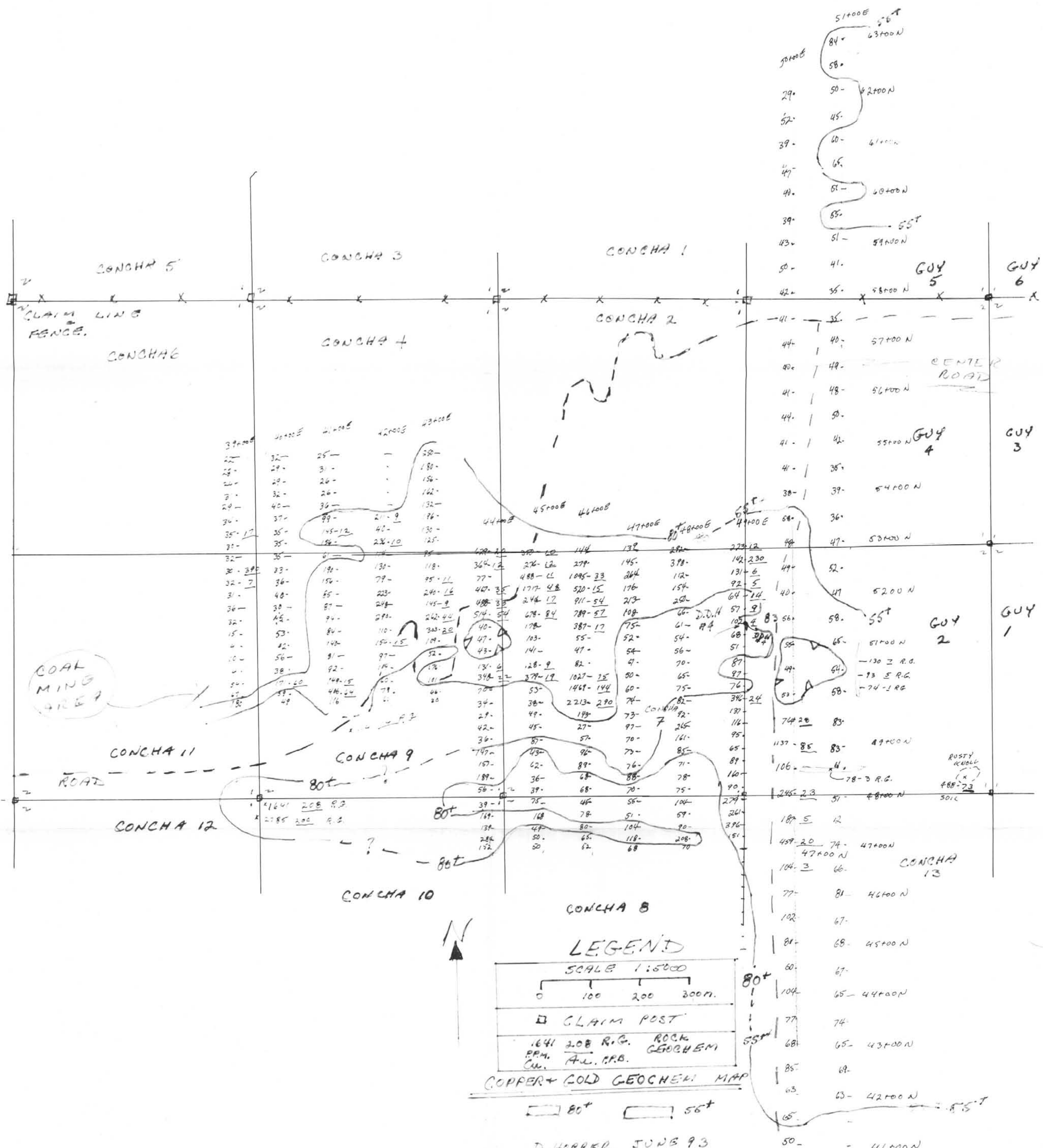
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.

- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: MAY 19 1993

DATE REPORT MAILED: May 26/93

SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



LEGEND
 SCALE 1:5000
 0 100 200 300m.
 □ CLAIM POST
 1641 208 R.G. ROCK GEOCHEM
 PRM. Au, P.P.B.
 COPPER + GOLD GEOCHEMICAL MAP

D. HOPPER, JUNE 93

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

22,920