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Geological Survey Branch MEMPR

Geochemical Report on the Concha Claim Group

Princeton B.C. area, (Miner Mtn.)
Similkameen, Mining Division
at the coordinates of
120° - 27° West & 49° - 28° North
Map 92H/8W

written by

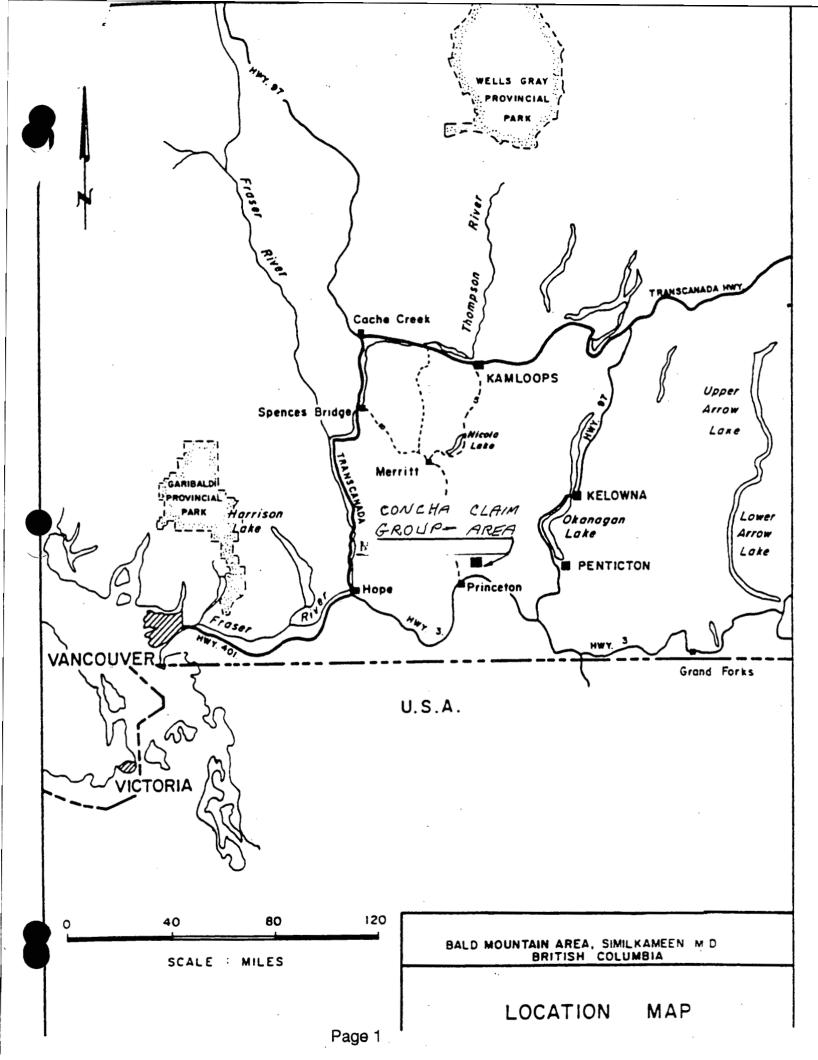
Douglas H. Hopper

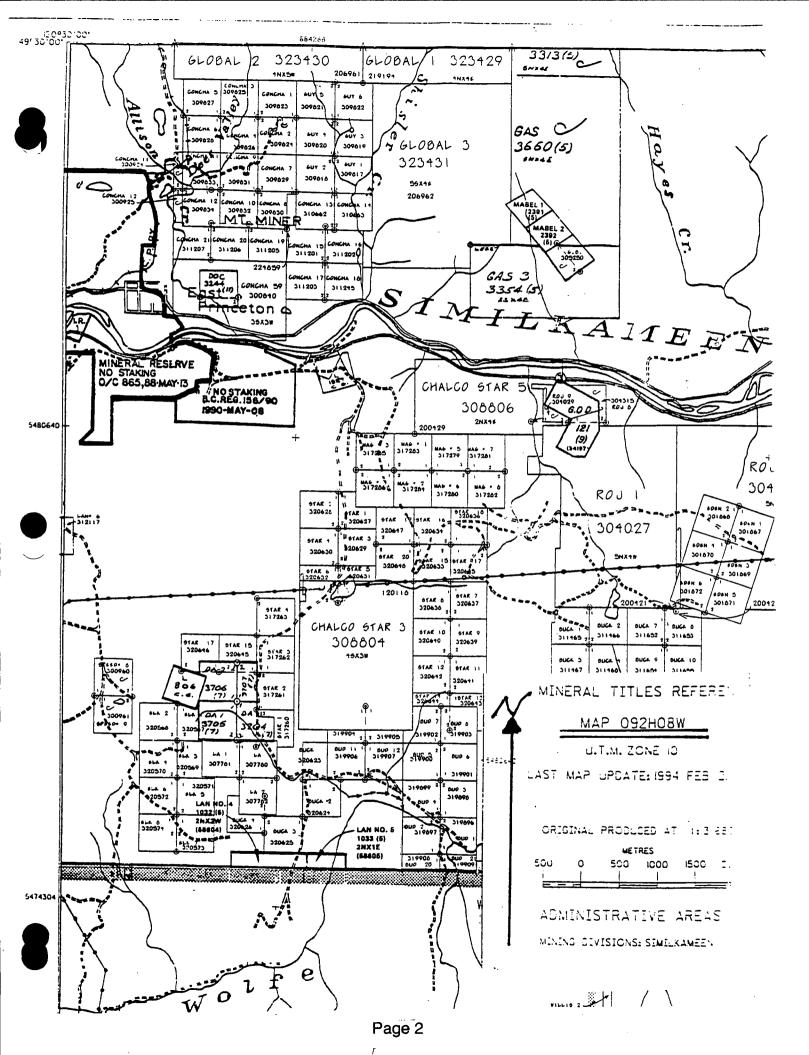
Mining Technologist
June 14, 1994

GEOLOGICAL BRANCH ASSESSMENT REPORT

23,403

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Concha Claim Group & Location

The group is located on Mt. Miner or locally known as Baldy Mt. The whole area is almost bare of trees, except for the lower regions and sparse poplar groups on the top. The area is used for ranching range purposes.

The claims may be found in the NW corner of Map 92H/8W, 120°27'W and 49°28'N.

Claim Name	Tenure #	Expiry Date	
Concha 1	309823	June 6, 1995	D.H.
Concha 2	309824	June 6, 1997	D.H.
Concha 3	309825	June 6, 1995	D.H.
Concha 4	309826	June 6, 1997	D.H.
Concha 5 & 6	309827 & 828	June 6, 1995	D.H.
Concha 7 & 8	309829 & 830	June 6, 1996	G.D.
Concha 9-12	309831-834	June 6, 1996	G.D.
Guy 1-6	309817-822	May 21, 1996	G.D.
Concha 13-14	310662-663	June 20, 1995	D.H.
Concha 19-21	311205-207	July 9, 1995	*
Concha 15-16	311201-202	July 9, 1995	*

The Claim owners are Doug Hopper (D.H.) and Guy Delorme (G.D.).

The Claims are located 3 miles N.E. of Princeton. An access road to the east from the Osprey Lake Road, immediately north of Allison Brook, across the old railroad grade then up the hill to the claim group.

Sampling Methods

The soil samples were all taken from the grid area by using a tool called a mattock. The samples were taken from small holes, 2-8" depth, placed in Kraft paper bags, made for this purpose, coordinates were marked on the bags for identification purposes, boxed up and later was delivered to the Laboratory.

Work Done

Soil samples were taken from: Line 39+00E, east boundary of Concha 12 and 21, Lines 40+00E and 41+00E west boundary of Concha 8 and 20. Road samples starting at 43+50N L, 40+00E to 53+50N on claims Concha 8 and 9 for a total of 76 soil samples.

Twenty-seven other soil samples were taken on lines 48+00E and 49+00E from 53+50N (north end of the Long Trench) (48E 53+50N) to 57+00N and 57+50N on claim Concha 2. Road samples, beginning at 48+00E 56+50N, 0 - 6+50S identification purposes only (Chain and Compass Road Survey) is same for the road samples noted above.

The lines were flagged where possible due to the grassy area and a few trees.

Survey Results

On Concha 2, the copper anomaly has been moved further north with scattered anomalous gold ppb noted only above 10 ppb. These values extend the anomalies present to the South, i.e. Concha 7. There appears to be a N.E. trend to the gold values extending from Concha 12 to Concha 2 and 7, a distance of 1,300 metres although the values appear to be scattered but in clusters.

On Concha 8 and 12, 20, 21 induced potential survey results (Report 1721, dated December 13, 1968 by Donald Cochrane) and the magnetometer survey (#215, Map 4) appear to be coincidental. The copper geochemical results appear to also coincide with the induced potential and magnetometer results. Similar results can be seen also on Guy 5 where only the magnetometer survey occurred.

Local Geology and Mineralization

The geology here is the Nicola Group of intermediate volcanics and overlain by the Princeton Group, sandstone, and coal.

The alteration in some of the trenches Concha 7, Guy 2, have chalcopyrite, malachite, azurite, pyrite, magnetite, epidote, hematite, chlorite, calcite, stringers, etc.

In a trench, 51+25E, 50N-51N numerous fault gouge fillings (feldspar alteration?), trending east and west, along with rusty rock, hematite and pyrite and chlorite.

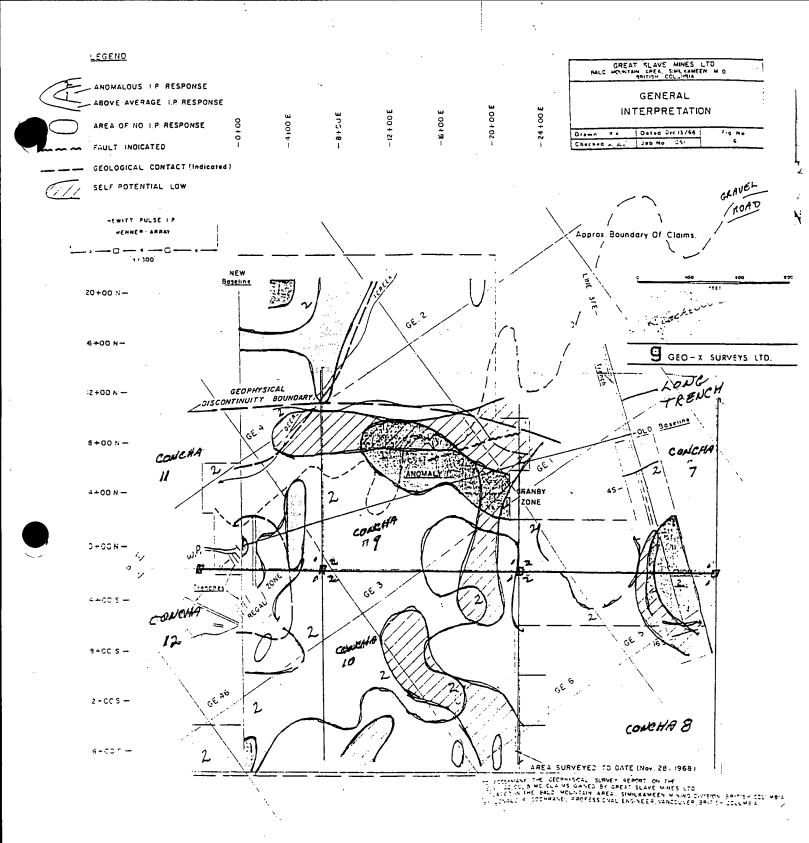
At the west boundary of Concha 12, the contact between the tan coloured volcanic and the andesite volcanics can be clearly seen on the steep cliff face, extending 400 vertically from the cliff top to the Allison Brook bottom, observing easterly.

Property History

The Bald Mountain prospect has been known and explored since 1900. The United Empire Company looked at the Regal Zone for coal. Later, Granby Consolidated Mines did a geochemical and self potential survey, followed by trenching and diamond drilling. This established the Granby Zone. In 1960, Silver Standard Mines drilled on the property, and in 1965 Meridian Syndicate completed geochemical survey and electromagnetic survey. In 1968 Great Slave Mines did an Induced Potential survey of the map enclosed in this report. In 1988, Mingold Resources did the geochem that is seen on the enclosed geochem map by K.J. Taylor, showing later additional geochem work.

Property Expenses - Concha Claims

April 18, 1994	D. Hopper & G. Delorme - prospecting	\$	100.00
May 24-29, 1994	Equipment, Mattock		66.70
·	Soil bags		10.00
	String - 3 rolls		8.00
May 25, 1994	Motel		73.60
May 24-27, 1994	Travel		77.84
•	Meals		60.00
May 26-28, 1994	Soil sampling wages for D. Hopper		
•	3 days at 150.00 per day		450.00
May 27-29, 1994	Wages for Nick Wychopin - 3.5 days @		
	150.00 day		525.00
May 29-June 4/94	Drafting & writing report		450.00
June 3, 1994	Acme Lab Assaying	1	,152.50
June 23, 1994.	Word processing		49.26
•		\$ <u>_3</u>	,022.90



FROM REPORT 1721 BY, DONALD COCHRANE

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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, Kennecot Exploration, Sumitome Exploration and a number of other exploration companies as a field geologist, underground geologist, Diamond Drill supervision and other related duties concerning mining.

June 1994

Douglas H. Hopper

Vouglas V.

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Doug Hopper File # 94-1531 Page 1 2030 - 828 W. Hastings St. Vancouver BC

2030 - 828 W. Hastings St,	vancouve	r BL	
SAMPLE#	Cu ppm	Au* ppb	
L39E 48+00N	1502	320	
L39E 47+50N	399	30	
L39E 47+00N	685	68	
L39E 46+50N	178	18	
L39E 46+00N	88	21	
L39E 45+50N	156	37	
L39E 45+00N	36	7	
L39E 44+50N	79	7	
L39E 44+00N	25	3	
L39E 43+50N	26	6	
L39E 42+50N	29	3	
L39E 42+00N	76	4	
L39E 41+50N	23	4	
L39E 41+00N	23	12	
L39E 40+50N	18	3	
L39E 40+00N	21	2	
RE L39E 40+00N	19	2	
L39E 39+50N	67	10	
L39E 39+00N	78	7	
L39E 38+50N	86	390	
L39E 38+00N	47	4	
L39E 37+50N	51	4	
L39E 37+00N	50	5	
L40E 48+00N	45	5	
L40E 47+50N	42	6	
L40E 47+00N L40E 46+50N L40E 46+00N L40E 45+50N L40E 45+00N	62 66 167 102 100	13 13 10 12	
L40E 44+50N	245	22	,
L40E 44+00N	70	4	
L40E 43+50N	48	5	
L40E 43+00N	77	5	
L40E 42+50N	82	4	
STANDARD C/AU-S	58	47	

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H20 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. AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beg/fmning 'RE' are duplicate samples. - SAMPLE TYPE: SOIL

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



ACRE ANALYTICAL				POLICE AND	ALYTICAL
	SAMPLE#	Cu ppm	Au* ppb		
	L40E 42+00N L40E 41+50N L40E 41+00N L40E 40+50N L40E 40+00N	91 51 134 103 70	7 4 8 3 5		
·	L40E 39+50N L40E 39+00N RE L40E 39+00N L40E 38+50N L40E 38+00N	57 116 117 71 104	3 4 5 3 3		
	L41E 42+00N L41E 41+50N L41E 41+00N L41E 40+50N L41E 40+00N	135 93 181 135 211	3 3 21 3 4		
	L41E 39+50N L41E 39+00N L41E 38+50N L41E 38+00N L48E 57+00N	178 172 129 174 124	6 7 5 4		
	L48E 56+50N L48E 56+00N L48E 55+50N L48E 55+00N L48E 54+50N	278 137 96 443 273	35 7 4 16 75		
	L48E 54+00N L48E 53+50N L49E 57+50N L49E 57+00N L49E 56+50N	149 90 31 32 54	11 620 3 3 4		
	L49E 56+00N L49E 55+50N L49E 55+00N L49E 54+50N L49E 54+00N	42 37 157 95 95	2 2 13 5 3		
	L49E 53+50N STANDARD C/AU-S	225 58	8 48	·	

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



ACHE ANALYTICAL				ACRE ANALYTICAL
	SAMPLE#	Cu ppm	Au* ppb	
·	ROAD 53+50N ROAD 53+00N ROAD 52+50N ROAD 52+00N ROAD 51+50N	68 34 274 750 187	6 2 83 95 11	
	RE ROAD 51+50N ROAD 51+00N ROAD 50+50N ROAD 50+00N ROAD 49+50N	182 104 263 121 81	10 5 11 4 2	
	ROAD 49+00N ROAD 48+50N ROAD 48+00N ROAD 47+50N ROAD 47+00N	288 85 50 22 20	21 34 2 3 1	
	ROAD 46+50N ROAD 46+00N ROAD 45+50N ROAD 45+00N ROAD 44+50N	25 217 111 165 175	1 8 6 16 6	
	ROAD 44+00N ROAD 43+50N ROAD 0+50S ROAD 1+00S ROAD 1+50S	120 98 109 83 96	5 3 3 5 3	
	ROAD 2+00S ROAD 2+50S ROAD 3+00S ROAD 3+50S ROAD 4+00S	105 124 147 384 279	3 8 3 10 12	
	ROAD 4+50S ROAD 5+00S ROAD 5+50S ROAD 6+00S ROAD 6+50S	148 264 298 136 224	5 10 8 4 13	•
	STANDARD C/AU-S	56	47	

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

