

ARIS SUMMARY SHEET

District Geologist, Prince George

Off Confidential: 89.04.12

ASSESSMENT REPORT 17298

MINING DIVISION: Omineca

PROPERTY: Gold
LOCATION: LAT 55 37 22 LONG 125 45 00
UTM 10 6167313 326839
NTS 093N12W 093N12E

CLAIM(S): Gold 6
OPERATOR(S): Shaede, E.A.
AUTHOR(S): Shaede, E.A.
REPORT YEAR: 1988, 18 Pages

COMMODITIES

SEARCHED FOR: Gold

GEOLOGICAL

SUMMARY: Permian-Pennsylvanian Cache Creek Group greenstones, cherts and phyllites are sheared and altered to quartz-carbonate-mariposite by a major north striking, east dipping fault. A very strong gold-in-soil anomaly (38,000 ppb) occurs on the footwall side of the fault.

WORK

DONE: Prospecting
PROS 1.0 ha

LOG NO: 0419

RD.

ACTION:

FILE NO:

PROSPECTING REPORT

ON

GOLD 56 CLAIM GROUP

GOLD 5 CLAIM - RECORD #8555

GOLD 6 CLAIM - RECORD #8556

OMINECA MINING DIVISION

NTS: 93N/ 12W, 12E

FILED

LATITUDE: 55⁰ 37.5' N.

LONGITUDE: 125⁰ 45' W.

OWNERS AND OPERATORS: Eric A. Shaede 50%

Lorne B. Warren 50%

AUTHOR: Eric A. Shaede

DATE: February 22, 1988

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

17,298

TABLE OF CONTENTS

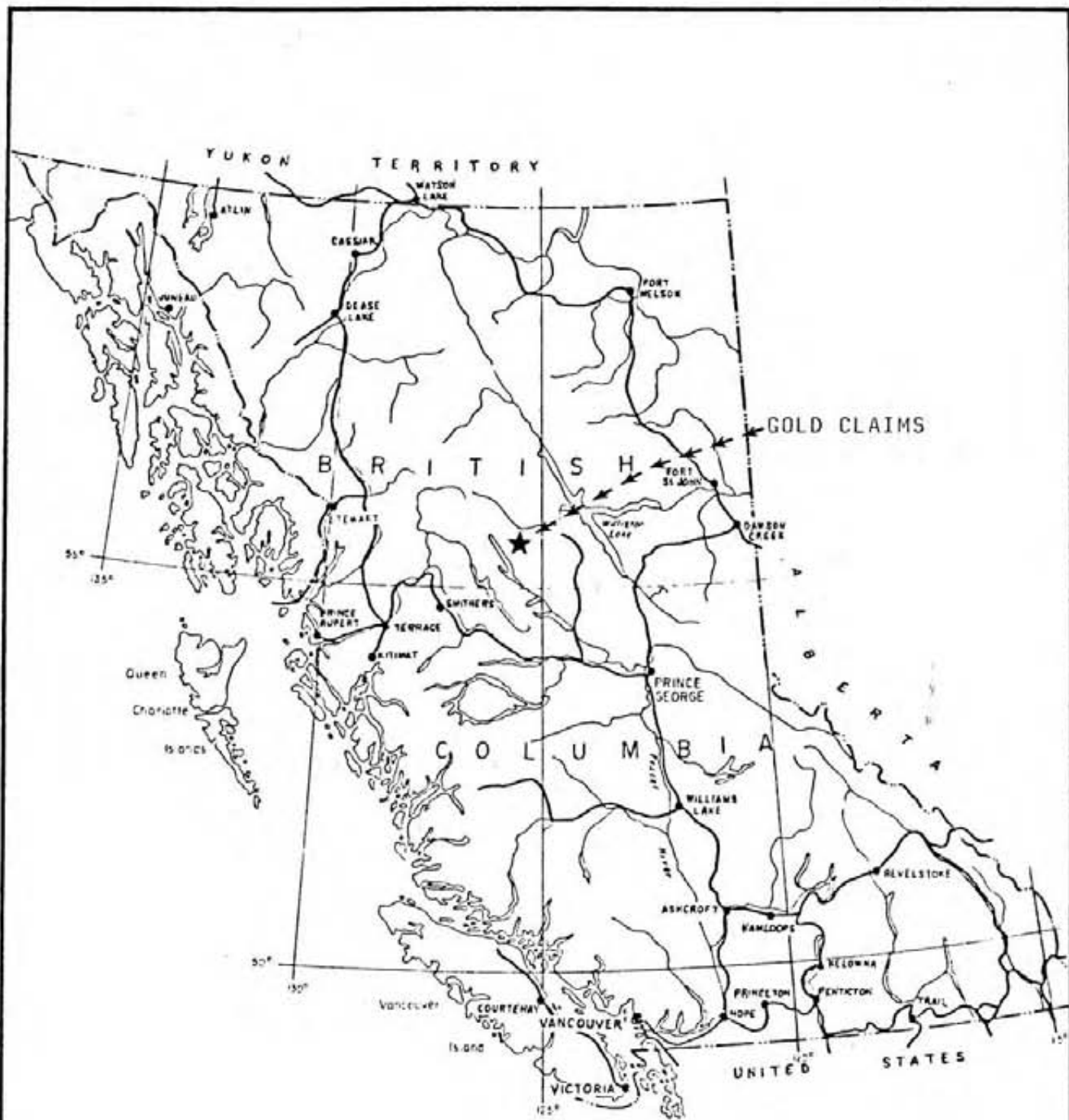
	<u>Pages</u>
INTRODUCTION:	1-7
1. Property Description	1
2. Location and Access	1,5
Map 1 - General Location Map	2
Map 2 - Index Map	3
Map 3 - Detailed Index Map	4
3. Physiography	5
4. Previous Work	5,6
5. Scope of Present Work	6,7
RESULTS AND DISCUSSION:	7-9
Map 4 - Sample Location Map	10
CONCLUSION:	11
REFERENCES:	11
DETAILED COST STATEMENT:	12
AUTHOR'S CERTIFICATE:	13
APPENDIX 1 - Analyses Certificates	A1-1 - A1-4

INTRODUCTION:

1. Property Description: The Gold 56 Claim Group consists of two - 2-post claims, Gold 5 and Gold 6, record numbers 8555 and 8556 in the Omineca Mining Division. The anniversary date is July 27 and with the application of the work reported herein, the claims will be in good standing until 1994. The claims were staked by the author on July 07, 1987 to cover a geochemical gold in soil anomaly which had originally been discovered by Golden Porphyrite Ltd. in 1983. Lorne B. Warren of P.O. Box 662, Smithers, B.C., VOJ 2N0 and Eric A. Shaede of R.R. #1, Sicamous, B.C., VOE 2V0 each own a 50% interest in the claims.

2. Location and Access: The Gold 5 and 6 claims are located at about 1600M elevation in an alpine basin of the Vital Mountain Range approximately 20 km by air northeast of Takla Landing, B.C.. The initial post for both claims is situated on a rocky ledge on the east side of a steep ridge located about 4km northeast of Mount Bodine and 4 km northwest of the west end of Humphrey Lake. The location line extends in a due easterly direction across an alpine meadow. Maps 1,2 and 3 show the claims relative to major highways, roads and topography. There are no other claims in good standing within the immediate vicinity.

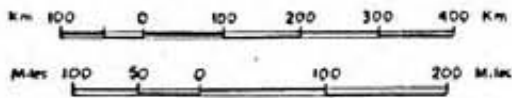
The claims are accessible only by helicopter. An old mining road, passable with 2-wheel drive vehicles in dry weather, provides access to within 4 km of the property from either Manson Creek or Takla Landing. Foot access to the property from this road

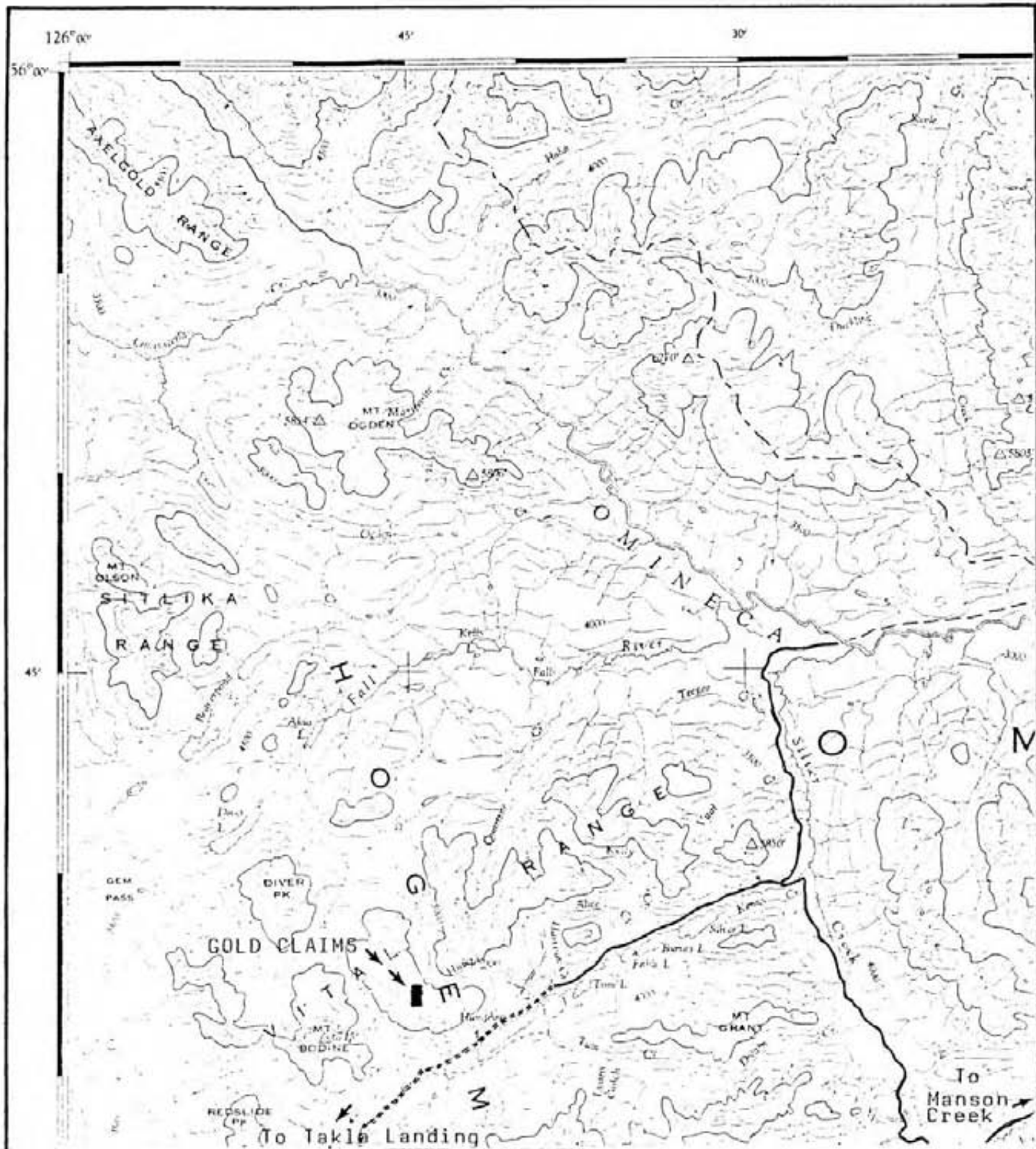


MAP 1

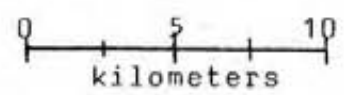
GENERAL LOCATION MAP
GOLD CLAIMS GROUP

Drawn: EAS	Checked: EAS
Scale: As shown	Date: 19/2/88





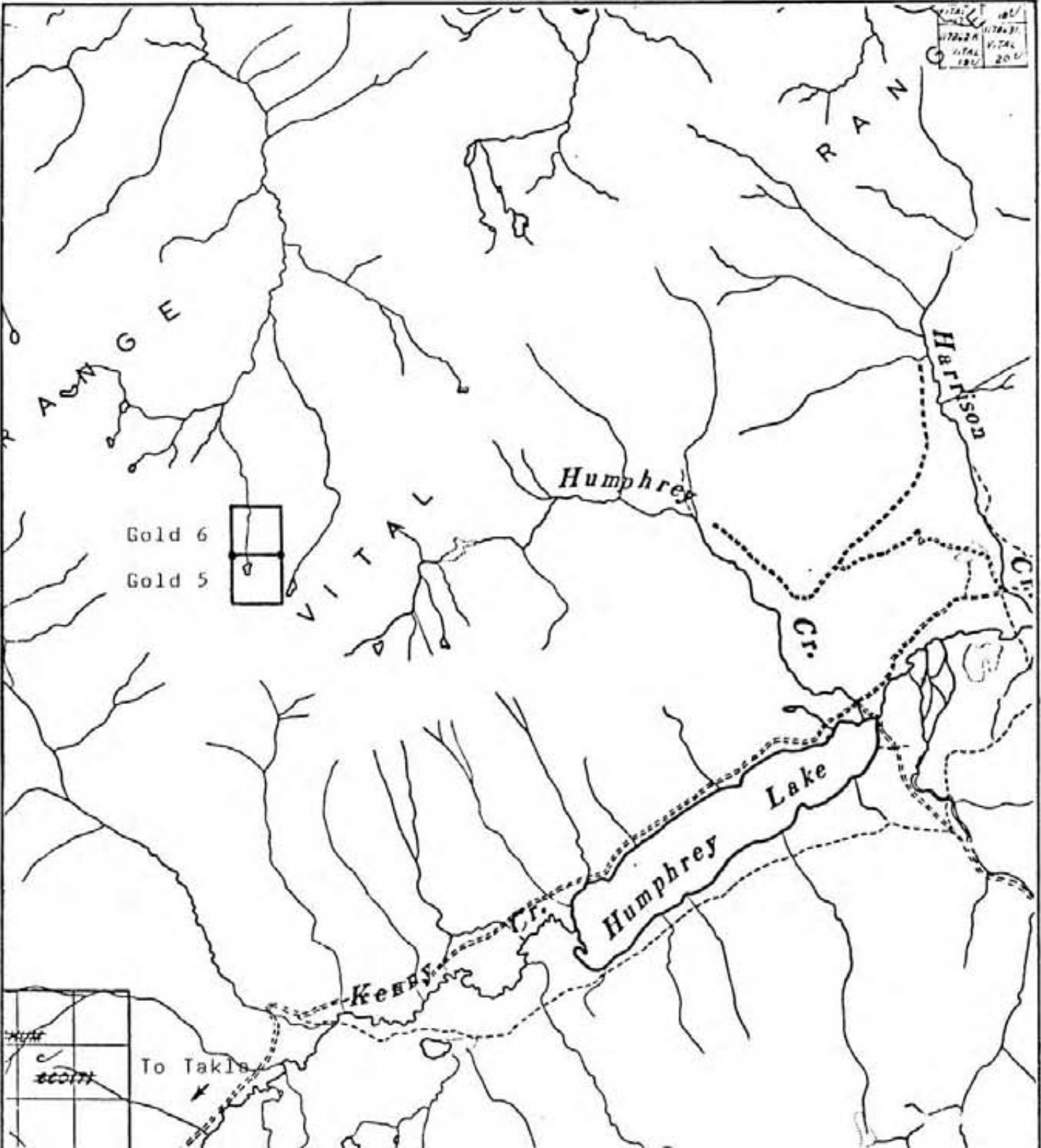
MAP 2
INDEX MAP



GOLD CLAIMS GROUP

NTS:93N Scale = 1:250,000

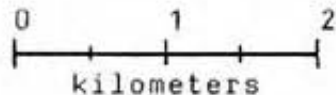
18 U	18 U
1726 21	1726 21
1726 21	1726 21
18 U	20 U



MAP 3

DETAILED INDEX MAP

GOLD CLAIMS GROUP



NTS 93N/12 Scale = 1:50,000

is possible but extremely difficult as an 1800M elevation mountain ridge must be traversed. Access to the Manson Creek and Takla areas is via the all-weather Omineca Mining Road north from Fort St. James. Helicopter charter is sometimes available at Manson Creek, Takla Landing or Tsayta Lake Lodge during summer months. Otherwise, the closest permanent base is at Smithers which is located about 130 km to the southwest. Access for some of the work described in this report was via a Bell 206 from Smithers with a one-way flying time of about 50 minutes. The claim staking and initial prospecting was done with access by a Bell 47G from an exploration camp site on Silver Creek. There are several habitable cabins available in the vicinity of Humphrey Lake and supplies and fuel are available at Takla Landing.

3. Physiography: The claim area is mostly alpine with some scrub balsam and other brush. Considerable rock outcrop occurs in the southern part of the Gold 5 claim where the elevation increases to near 1800M. Elsewhere, a shallow, poorly developed alpine residual soil cover exists with alpine mosses and lichen. Two small lakes and numerous small creeks provide ample water supply for camp and exploration purposes. Due to the high elevation snowfall is very heavy in the area and the ground is snow-free only for the period between July and September.

4. Previous Work: Golden Porphyrite Limited staked a large block of "Jo" claims covering the Vital Mountain range in 1983 in a regional search for the source of the area's placer gold.

Golden Porphyrite did some reconnaissance soil, silt and rock sampling in the vicinity of the present Gold claims and their results are reported in A.R. #12,548. Three of their soil samples, numbers D194 to D196 returned gold values of 35,780 and 550 respectively. Beatty Geological Ltd. followed up on the Golden Porphyrite work for Summit Ventures in 1984 and their report is A.R. #14,554. Beatty were unable to locate many of the old sample sites due to snow cover but they did obtain an anomalous gold value for a silt sample taken from a small creek downslope from the anomalous soil area. They also mapped the geology of the area in more detail. The most prominent geological feature is an intensely altered (quartz-carbonate-mariposite) northerly striking fault zone which passes through the center of the present Gold claims. The country rocks are Cache Creek Group greenstones, cherts and phyllites. Summit Ventures subsequently allowed their Jo 38,39,48 and 49 claims to forfeit in 1986.

5. Scope of the Present Work: The property was staked by the author in 1987 as a gold prospect based on Golden Porphyrite's original soil anomaly. The original soil sample sites D196 and D197 were found and due to their location being in shallow alpine soil and their proximity to the intensely altered fault, they were considered to be a legitimate target worthy of further investigation. After the claims were staked, soil and rock samples were taken from the area. Subsequently, in October 1987, a follow-up trip was made to the site and additional soil samples were taken. In total, 8 rock samples and 31 soil samples were collected and analysed for gold by fire assay-A.A. procedures.

All of the rocks and a few of the soils were also analysed for multi-elements by ICP procedures. Two of the soils were also assayed for gold, platinum, palladium and rhodium by fire assay. All analyses were done by Acme Analytical Laboratories Ltd. in Vancouver, B.C..

RESULTS AND DISCUSSION:

During the initial trip on July 07, 1987, Golden Prophyrite's soil sample site D196, which had assayed 550 ppb gold, was found. The soil was a very rocky, poorly developed alpine type and bedrock outcropped within 10M of the site. Stations D195 and D194 could not be found, but D197 was found about 35M south of D196. Sample site D196 was redesignated L0+00, 0+00, and resampled. Additional soil samples were then collected at 12.5M intervals for 75M on a line to the east. A second line of samples at 12.5M intervals was collected 50M to the north and a third line 25M south. Five rock samples were chipped from outcrop of the quartz-carbonate-mariposite altered rocks near the soil sample sites. Fifteen of these soil samples (25M stations) were submitted to Acme Labs for standard 80 mesh screening and gold analysis. The rock samples were also submitted and ICP analyses for multi-elements was done as well as gold. The sample sites and gold analyses are plotted on Map 4. All of the analytical results and sample descriptions are given in Appendix 1. None of the rock samples were found to contain any gold and their high nickel and chromium contents indicates their ultrabasic character. The soil sample from

station L0+00, 0+00 (i.e. resample of D196) did however contain substantial gold as indicated by the geochemical analysis value of 38,200 ppb. This sample was assayed and found to contain 1.376 oz/ton gold with no detectable platinum, palladium or rhodium. No gold was detected in the samples on line 0+50N, which is the direction in which sample D195 (780ppb) would have been, however the 25M spacing of the samples could easily have missed a narrow anomaly. Some gold was detected in samples taken to the east on line 0+00 and on line 0+25S, but these values are suspected to be the result of contamination in the sample prep'n procedure caused by the very high grade sample. This was later confirmed.

On October 07, 1987, an opportunity to access the property occurred and the anomalous soil site was again resampled and a bulk sample of the soil was taken. Further prospecting was not done at this time because of considerable snow cover and limited time available for the helicopter to standby. The resample of station L0+00, 0+00 gave a gold analysis of 7330 ppb for the -80 mesh pulp. A sample taken 5M south gave only 19 ppb and one taken 5M north gave 980 ppb. The bulk sample of about 25 kg of rocky soil was later screened on 8 mesh and the -8mesh fraction of about 5 kg was then hand panned to produce about 100 grams of concentrate and a tailing. No visible gold could be seen in the pan concentrate but when it was pulverised and analysed at the laboratory it was found to contain 59,100 ppb gold. A sample of the pan tailings was screened at the laboratory and the -80mesh fraction was found to contain 26,100 ppb gold. These results

indicate that the gold is very fine and difficult to concentrate by gravity methods. Most of the coarse fraction of the bulk soil sample was found to be a black phyllite rock. A large sample of this rock was analysed and found to contain only 485 ppb gold. A second sample of more carefully washed phyllite gave only 51 ppb indicating that the phyllite is not the source of the gold. A few small pieces of rusty quartz were also found in the bulk soil sample but analysis of these yielded only 109 ppb gold. Microscopic examination of the -80 mesh soil revealed a few tiny grains of native gold but the sample was too limonitic to allow close examination of the coarser particles.

At a later date, a reserve sample of the tailings from panning of the bulk soil sample was carefully wet screened on 30 and 100 mesh to further evaluate the size distribution of the gold. The +30 mesh fraction contained 2910 ppb, the -30+100 mesh fraction contained 7410 ppb and the -100 mesh fraction contained 20,860 ppb gold, which demonstrates that the majority of the gold is finer than 100 mesh.

To test the theory that some of the soil samples were contaminated during preparation, the 12.5M interval station samples which had not been submitted to the lab initially, were later submitted for preparation and analyses. None of the samples for stations adjacent to anomalous sites from the first set, were found to contain any gold. This essentially confirms the suspected contamination. One sample from L0+50N, 0+37.5E did contain 22 ppb gold which is weakly anomalous.

GEOCHEMICAL GOLD ANALYSES RESULTS		
Sample		ppb Au
3954	Rock	5
3955	"	7
3956	"	1
3957	"	5
3958	"	1
L0+50N,	0+00 Soil	5
"	0+12.5E "	8
"	0+25E "	1
"	0+37.5E "	22
"	0+50E "	1
"	0+75E "	2
"	1+00E "	2
"	1+25E "	3
L0+00,	0+00 "	38,200
"	0+12.5E "	1
"	0+25E "	(59)*
"	0+37.5E "	10
"	0+50E "	(32)*
"	0+62.5E "	1
"	0+75E "	(29)*
L0+25S,	0+25W "	(72)*
"	0+12.5W "	8
"	0+00 "	(31)*
"	0+12.5E "	1
"	0+25E "	(65)*
"	0+37.5E "	1
"	0+50E "	2
"	0+75E "	3
L0+00,	0+00 Resample soil	7,330
0+05N,	0+00 Soil	980
0+05S,	0+00 "	19

*These samples probably contaminated

GOLD 6 CLAIM

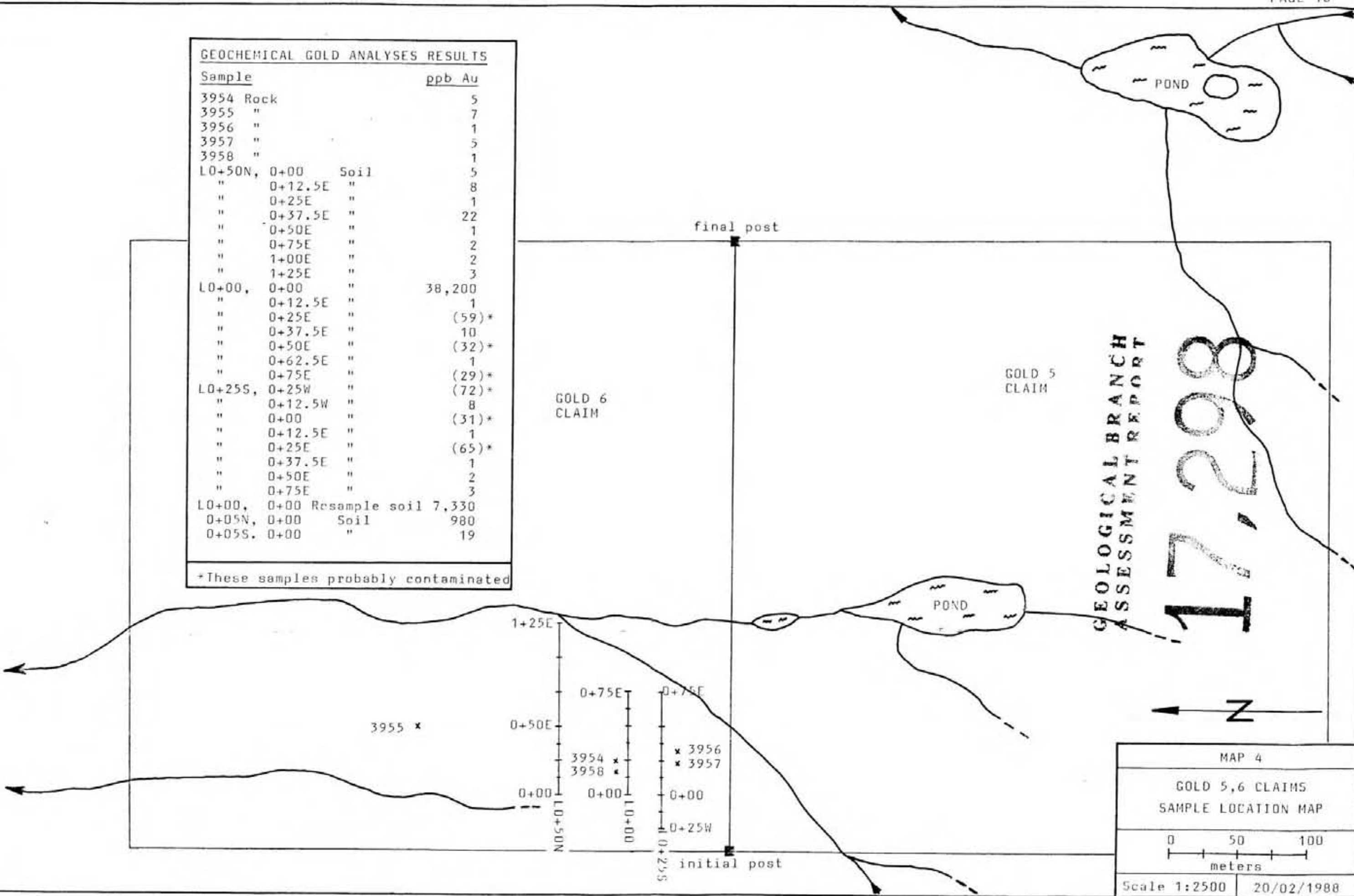
GOLD 5 CLAIM

GEOLOGICAL BRANCH ASSESSMENT REPORT

17,208



MAP 4	
GOLD 5,6 CLAIMS	
SAMPLE LOCATION MAP	
0 50 100 meters	
Scale 1:2500	20/02/1988



CONCLUSION:

A very strong gold in soil anomaly has been confirmed and double checked by bulk sampling. This anomaly is located in the footwall of a major fault zone with strong quartz-carbonate-mariposite alteration. The source of the gold remains unknown as limited sampling of the surrounding rocks failed to find any with anomalous gold content. The lateral extent of the soil anomaly is unknown - limited sampling 50M north and 25M south failed to detect anomalous values. Trenching of the site and detailed bedrock sampling is recommended as the next step together with detailed soil sampling along the strike of the fault zone.

REFERENCES:

B.C. Department of Mines, Assessment Reports #12,548 and 14,554.

AUTHOR'S CERTIFICATE:

I, ERIC ALBERT SHAEDE, of 411 Coach Road, R.R. # 1, Sicamous, B.C., V0E 2V0, do hereby certify that:

- I am a graduate of the University of B.C. and I received degrees of B.Sc., M.Sc., and Ph.D. from that University in 1966, 1968 and 1971 respectively.
- I have been employed in the mining industry from 1973 at various positions ranging from metallurgist to mill superintendent to mine manager.
- I have successfully completed the Province of B.C., Mineral Exploration Course for Prospectors on May 10, 1985 and I have been engaged in prospecting full-time since that date.
- I personally conducted the work program reported herein and personally wrote this report based on that work and information gathered from published reports.

Dated at Sicamous, B.C., February 22, 1988,



Eric A. Shaede, Ph.D.

GEOCHEMICAL ICP ANALYSIS

.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 CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: P1-ROCK P2-SOIL AU# ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 14 1987 DATE REPORT MAILED: July 26/87 ASSAYER: A. Zepher DEAN TOYE. CERTIFIED B.C. ASSAYER

ERIC A. SHAEDE File # 87-2405 Page 1

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, TI, B, AL, NA, K, W, AU#, AU#. Rows include samples 3954, 3955, 3956, 3957, 3958 and a row for STD C/AU-R.

APPENDIX 1

- 3954 - Large chip sample of qtz-carb-mariposite from outcrop near L0+00,0+00.
3955 - Grab sample of qtz-mariposite rock from outcrop about 150M north of 3954.
3956 - Sheared rock with trace of pyrite from fault zone near L0+25S.
3957 - Large chip sample of qtz-carb-mariposite from near L0+25S.
3958 - Qtz- mariposite with some dark minerals from outcrop near L0+00.

ERIC A. SHAEDE FILE# 87-2405

PAGE# 2

	SAMPLE	Au** ppb
	HUM LO+50N 0+00E	5
	HUM LO+50N 0+25E	1
	HUM LO+50N 0+50E	1
	HUM LO+50N 0+75E	2
	HUM LO+50N 1+00E	2
	HUM LO+50N 1+25E	3
-80Mesh	HUM LO+00N 0+00E	38200
SOIL	HUM LO+00N 0+25E	59
SAMPLES	HUM LO+00N 0+50E	32
	HUM LO+00N 0+75E	29
	HUM LO+25S 0+25W	72
	HUM LO+25S 0+00W	31
	HUM LO+25S 0+25E	65
	HUM LO+25S 0+50E	2
	HUM LO+25S 0+75E	3

ACME ANALYTICAL LABORATORIES
 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
 PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: AUG 16 1987

DATE REPORT MAILED: *Aug. 26/87...*

ASSAY CERTIFICATE

AU** PT** PD** RH** BY FIRE ASSAY.

SAMPLE TYPE: PULP

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

ERIC A. SHAEDE File # 87-2405 R

SAMPLE#	AU**	PT**	PD**	RH**
	OZ/T	OZ/T	OZ/T	OZ/T
HUM LO+00N 0+00E	1.376	.001	.001	.001
HUM LO+00N 0+25E	.003	.002	.001	.001

GEOCHEMICAL ANALYSIS CERTIFICATE

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 CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: P1-SOIL/SILT P2-PAN-CONS. P3-ROCK AU#1 PTEX P08#1 BY FA-MG.

DATE RECEIVED: OCT 14 1987 DATE REPORT MAILED: *Oct 28/87* ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

ERIC A. SHAEDE File # 87-4963 Page 1

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	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
K 3974	10	124	10	172	5.3	283	75	3776	13.00	457	5	10	2	18	1	2	2	39	.37	.192	4	73	.19	65	.01	2	.39	.01	.07	1	7330
K 3975	9	23	16	206	.1	405	41	1327	10.50	170	5	ND	2	10	1	2	2	206	.25	.077	2	495	6.21	36	.01	2	5.30	.01	.03	2	19
K 3976	16	224	18	193	.8	508	94	2082	16.83	1140	5	ND	2	15	1	5	3	60	.22	.187	5	454	1.27	96	.01	2	.86	.01	.09	3	980
K 3985	1	136	8	205	.4	246	69	2454	14.33	208	5	ND	1	5	1	3	3	44	.09	.089	2	66	.26	91	.01	4	.38	.02	.19	1	485
K 3984	11	197	15	188	12.3	317	92	3306	14.24	733	5	21	3	72	1	2	2	52	1.88	.830	6	132	.38	75	.01	2	.69	.01	.08	1	26100
STD C	20	62	37	133	7.6	73	29	1049	4.04	41	20	8	39	55	19	18	18	61	.49	.092	41	58	.90	182	.07	37	1.88	.07	.14	12	-

GEOCHEMICAL ANALYSIS CERTIFICATE

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 CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: P1-SOIL/SILT P2-PAN-CONS. P3-ROCK AU#1 ANALYSIS BY FA-AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 14 1987 DATE REPORT MAILED: *Oct 28/87* ASSAYER: *K. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

ERIC A. SHAEDE File # 87-4963 Page 2

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	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	
K 3983	11	243	12	210	17.7	257	96	1562	14.33	727	8	26	4	164	1	2	2	51	4.72	1.828	11	120	.24	61	.01	2	.64	.01	.14	1	59100

3974 - -80 mesh soil, resample from station L0+00, 0+00.

3975 - -80 mesh soil - 5 M south of 3974.

3976 - -80 mesh soil - 5 M north of 3974.

3983 - -8 mesh pan concentrate from bulk soil sample - pulverised.

3984 - -80 mesh tailings from panning of bulk soil sample.

3985 - black rusty phyllite rock from bulk soil sample.

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: DEC 3 1987
 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
 PHONE (604) 253-3158 FAX (604) 253-1716 DATE REPORT MAILED: *Dec. 9/87.*

GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: P1-SOIL P2-ROCK P3-PULP
 AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

ASSAYER: *A. Toyne* DEAN TOYE, CERTIFIED B.C. ASSAYER

ERIC A. SHAEDE PROJECT-HUMPHREY GOLD File # 87-6029 Page 1

SAMPLE#	AU**	
	ppb	
E 59751	8	L0+25S, 0+12.5W Soil
E 59752	1	L0+25S, 0+12.5E "
E 59753	1	L0+25S, 0+37.5E "
E 59754	8	L0+50N, 0+12.5E "
E 59755	22	L0+50N, 0+37.5E "
E 59756	1	L0+00, 0+62.5E "
E 59757	10	L0+00, 0+37.5E "
E 59758	1	L0+00, 0+12.5E "

ERIC A. SHAEDE PROJECT-HUMPHREY GOLD FILE # 87-6029 Page 2

SAMPLE#	AU**	
	ppb	
E 59759	109	Small pcs of qtz from bulk soil.
E 59760	51	Black phyllite from bulk soil.*
E 59761	2910	+30 mesh tailings. **
E 59762	7410	-30+100 mesh tailings **

ERIC A. SHAEDE PROJECT-HUMPHREY GOLD FILE # 87-6029 Page 3

SAMPLE#	AU**	
	ppb	
E 59763	20860	-100 mesh tailings.**

* Sample well washed to remove as much of soil as possible.

** These samples are wet screen fractions of a sample of the tailings from panning of the bulk soil sample taken at station L0+00, 0+00.

.../END