

LOG NO:	NOV 17 1994	RD.
ACTION:		
FILE NO:		

SUMMARY REPORT ON THE
WORK DONE ON THE
GWEN CLAIM GROUP
GWEN 1 TO GWEN 12 CLAIMS
SAVONA AREA, B.C.

LOG NO:	APR 04 1995	U
ACTION:	<i>back from amendment</i>	
FILE NO:		

KAMLOOPS MINING DIVISION
NTS: MAP 92I/~~NE~~ 10W
LATITUDE: 50 DEG. 38 MIN. N. ✓
LONGITUDE: ~~121~~ DEG. 58 MIN. W.
120

PREPARED FOR
GORDON BRIED
KAMLOOPS, BC

PREPARED BY
KEVIN M. NEWMAN, P.GEO.
ASHCROFT, BC

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

NOVEMBER, 1994

23,575

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APPENDIX

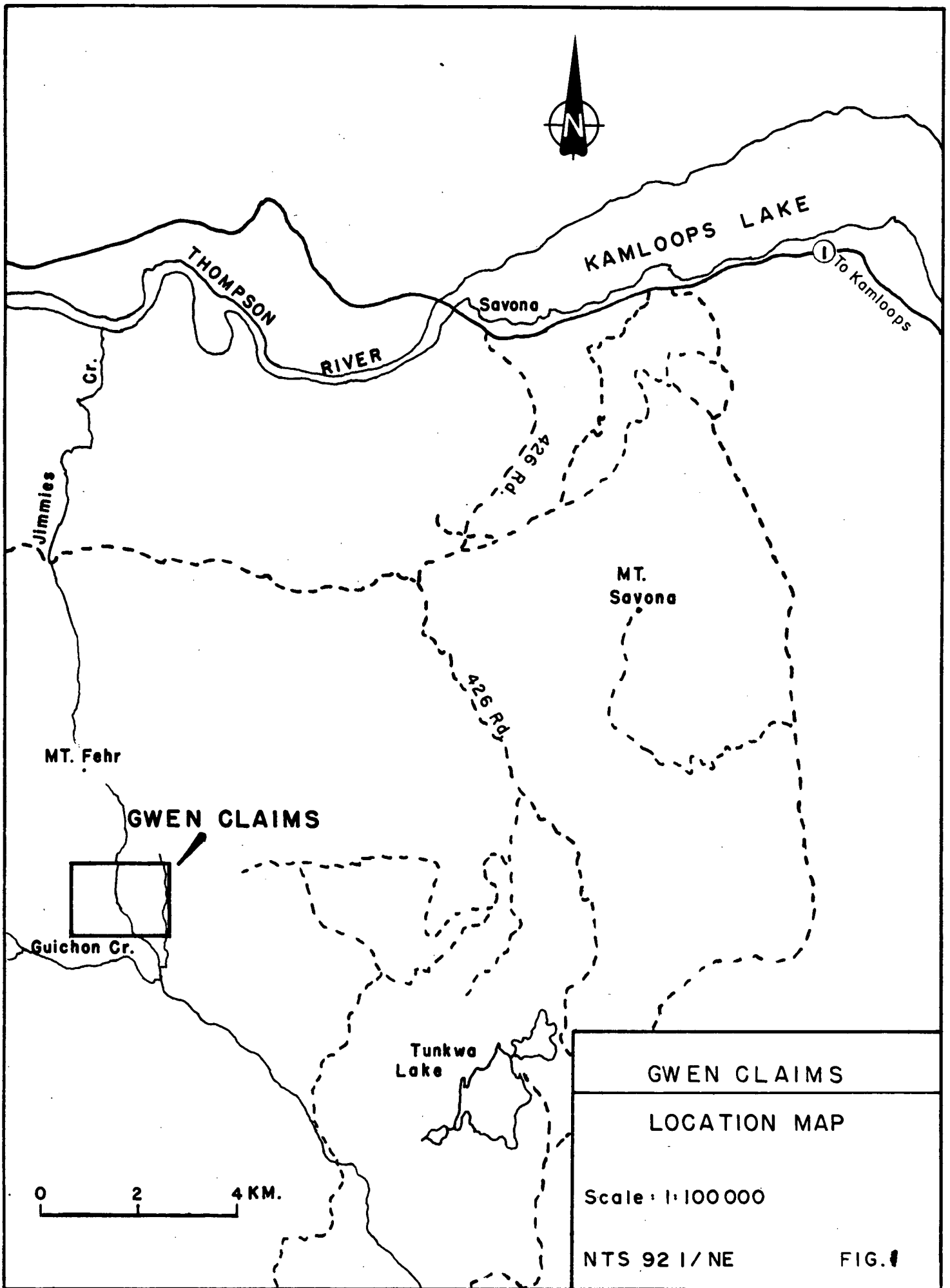
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1.0 INTRODUCTION

While prospecting south of Savona along the 420 Forest Service road Gordon and Gwen Bried found cobbles and boulders containing chalcopyrite mineralization. The mineralized float was located in a drumlin that was partly removed for road construction material. The chalcopyrite has been, in parts, oxidized to limonite and malachite. Over a period of time they followed a train of scattered mineralized float to the north and subsequently staked claims in an area approximately 3 kilometres from the original discovery. Work on the claims commenced immediately after they were staked has consisted of soil sampling, prospecting, hand trenching, a magnetometer survey and diamond drilling. At the request of Mr. Bried the writer was asked to log the drill core and to prepare an assessment report in order to maintain the claims in good standing.

2.0 LOCATION AND ACCESS

The claims are located within the Kamloops Mining Division at latitude 50 Deg. 38 Min. north, longitude 121 Deg. 58 Min. west, NTS - Kamloops Lake, Map 92I/NE. Access to the property is via the 420 Forest Service road from Savona (Figure 1). The NTS map is out of date and does not show the new service roads that have been constructed in the area, the extended 420 road passes



through the west end of the property. The distance from Savona to the property via the 420 road is twenty-seven kilometres.

3.0 PHYSIOGRAPHY

The property is situated at an elevation of 1350 metres in the uplands south of the Thompson River Basin. It lies on the south slope of Mt. Fehr that has an elevation of 1600 metres. Nine kilometres to the south of the property is Bose Hill that has an elevation of 1700 metres. Between these two high points are the headwaters of the Guichon Creek. One branch that drains the south slope of Mt. Fehr flows south through the property. Immediately to the south of the property is a swamp area that is the locale for another branch of the headwaters of the Guichon Creek. The forest cover is mainly mature stands of pine and fir, logging has been active in the area. Logging roads provide easy access to the property and as well they exposed glacial deposits thereby aiding in tracing mineralized boulder trains.

4.0 PROPERTY TENURE

The Gwen Group consists of twelve, two post claims that were staked by the owner, Mr. Grodon Bried of 2135 Westsyde Road, Kamloops, B.C., V2B 7C3. The claim names, record numbers, etc.

are as follows:

<u>CLAIM NAME</u>	<u>RECORD NUMBER</u>	<u>DUE DATES</u>
Gwen 1	320885	1999/Aug/31
Gwen 2	320886	1999/Aug/31
Gwen 3	320887	1999/Aug/31
Gwen 4	320888	1999/Aug/31
Gwen 5	321897	1999/Oct/11
Gwen 6	321898	1999/Oct/11
Gwen 7	321899	1999/Oct/11
Gwen 8	321900	1999/Oct/11
Gwen 9	321901	1999/Oct/11
Gwen 10	321902	1999/Oct/11
Gwen 11	321903	1999/Oct/11
Gwen 12	321904	1999/Oct/11

5.0 HISTORY

The Guichon Creek batholith has a history of exploration for base metals dating back to the late 1800's. Bethlehem Copper was the first open pit copper mine in the batholith with production commencing in 1962 and ending in 1981. Lornex commenced production in 1972, Highmont in 1980, and Cominco's Valley Mine

in 1983. Highmont ceased production in 1984. In 1986 the Highland Valley Copper Partnership was formed to jointly mine and mill Cominco's Valley Mine and Rio Algom's Lornex Mine. As of January 1, 1994 the combined production from the above mines was 752.2 million tonnes with an average grade of 0.43% copper.

Besides the high tonnes relatively shallow deposits amiable to open pit mining there are lower tonnes, higher grade vein type deposits that have been mined or have the potential to be mined by underground methods.

6.0 GEOLOGY

6.1 REGIONAL GEOLOGY

The Guichon Creek Batholith (Figure 2) is an Upper Triassic calcalkaline multiphase intrusion (McMillan,1976) that has an average width of 20 kilometres and a length of 65 kilometres.

It has an elliptical shape with an elongation at twenty degrees west of north. The older and more mafic rocks of the batholith occur around the border; progressing inwards towards the core the intrusive phases are younger and more felsic. The major copper - molybdenum deposits are located within the younger core of the batholith. Major faults such as the Lornex and Highland Valley

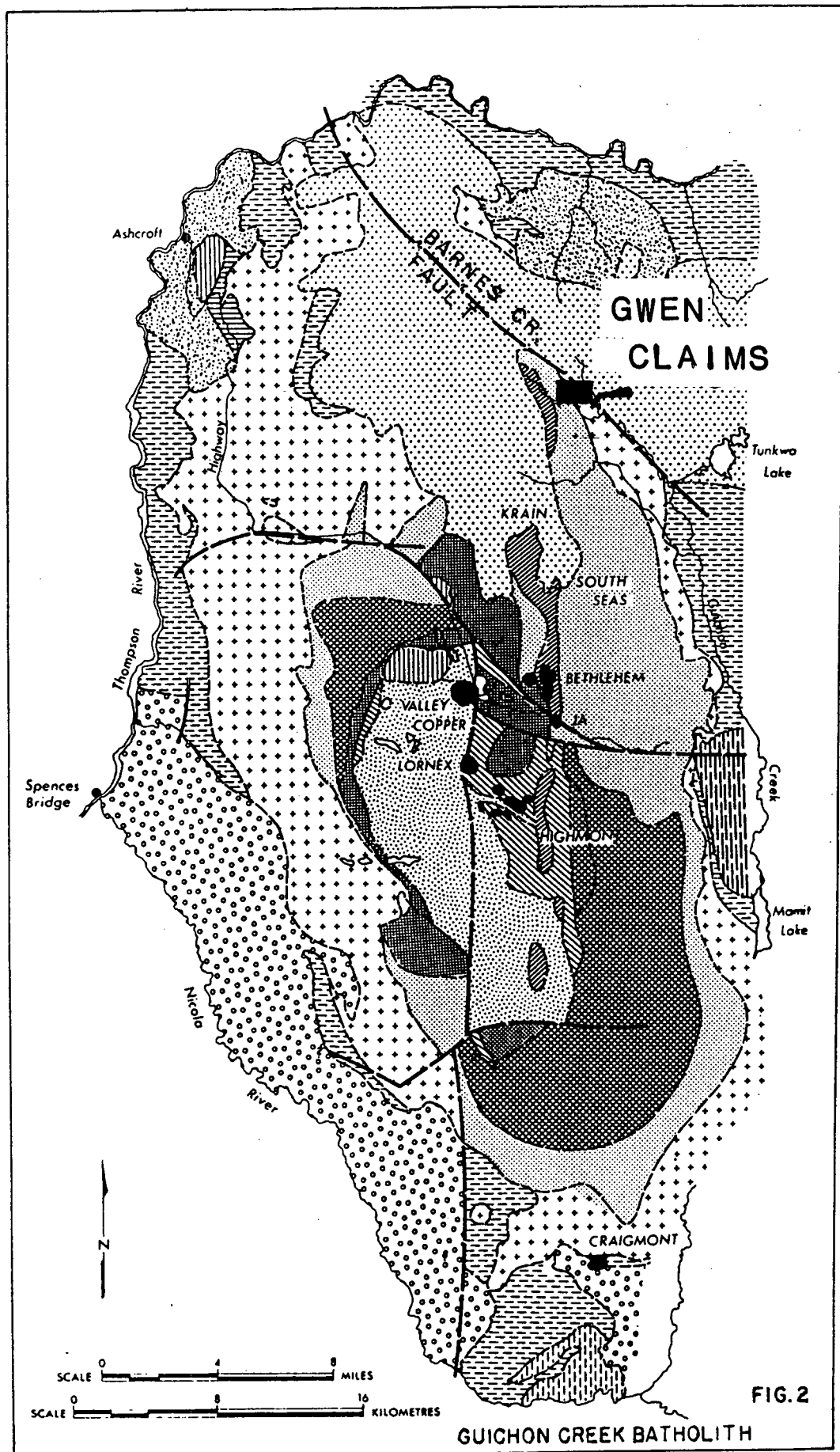


FIG. 2

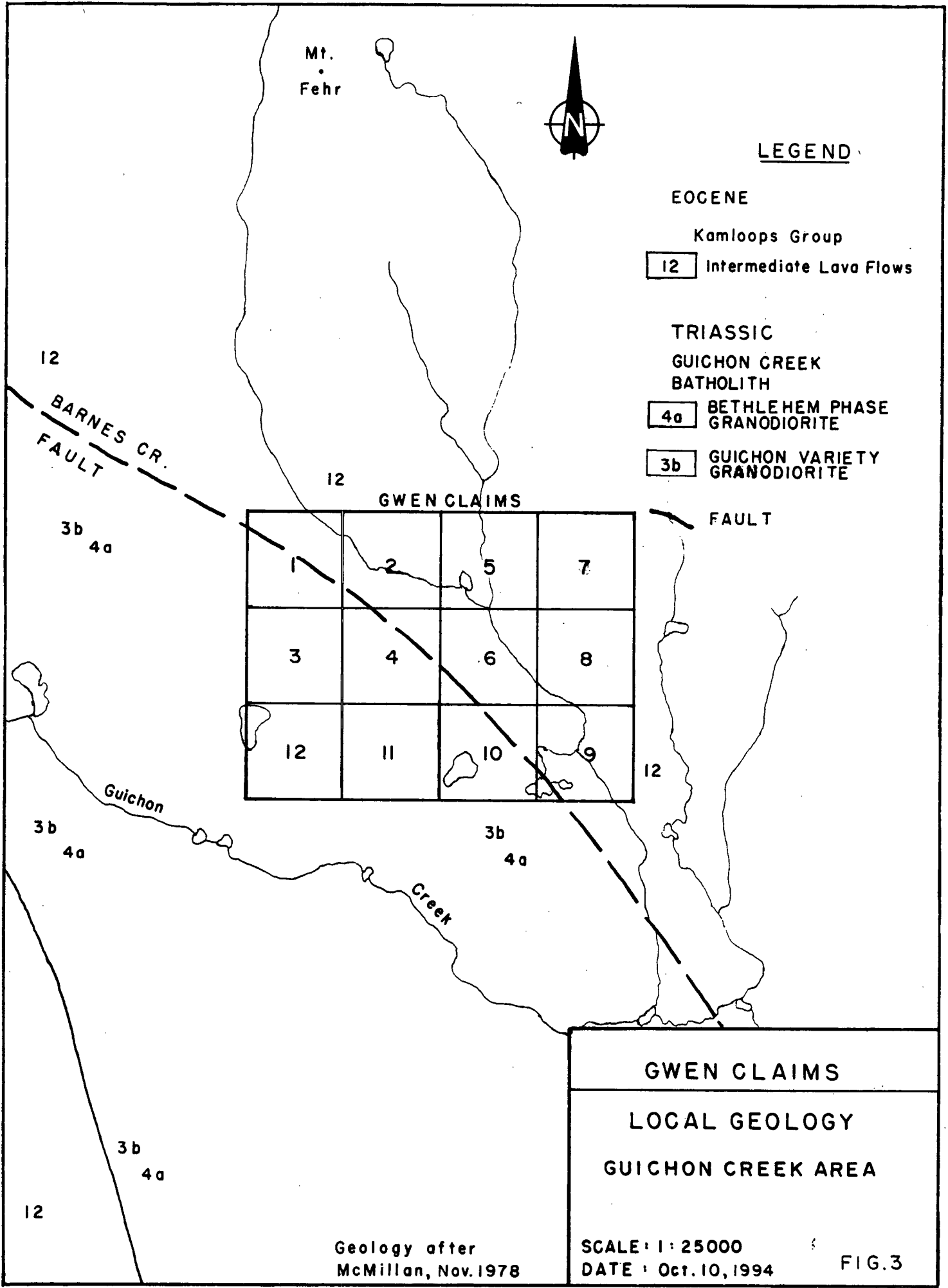
GUICHON CREEK BATHOLITH

have played an important role in ground preparation, providing channelways for mineralizing fluids.

Uplift and erosion exposed the roof of the batholith, erosional products were deposited along its flanks and where preserved they make up the Jurassic Ashcroft Formation. Of significance to the Gwen claims is the Tertiary Kamloops Group of volcanic and sedimentary rocks that overlies the batholith. Starting at the north end of the Highland Valley they blanket the batholith northward to the Thompson River.

6.2 PROPERTY GEOLOGY

The Gwen claims are located in an area where a wedge of Guichon granodiorite (3b) and Unit 4a (Figure 3) are flanked to the west and east by the Kamloops Group of volcanics. The east contact is defined by the Barnes Creek fault that passes from the northwest to the southeast through the property. This fault has not been located on the claims as most of the work such as prospecting, trenching, etc. has been confined to Gwen 3 and Gwen 12 claims. The southwest half of the claim group is underlain by 4a "Rocks with textures and compositions intermediate between Bethlehem and Highland Valley Phases or areas with swarms of Bethlehem dykes in Highland Valley phase" (McMillan, 1976).



Mt.
Fehr



LEGEND

EOCENE

Kamloops Group

12 Intermediate Lava Flows

TRIASSIC

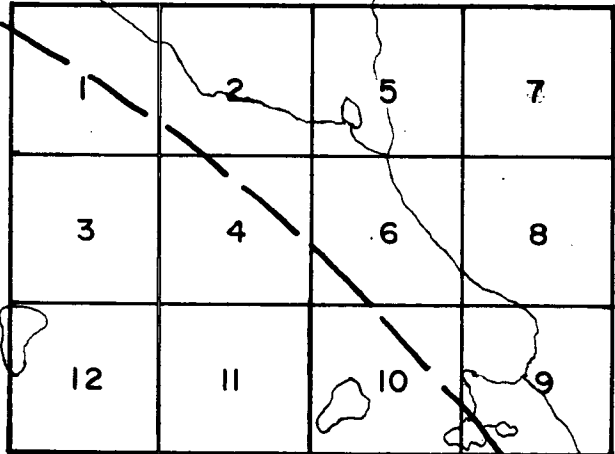
**GUICHON CREEK
BATHOLITH**

4a BETHLEHEM PHASE
GRANODIORITE

3b GUICHON VARIETY
GRANODIORITE

FAULT

GWEN CLAIMS



GWEN CLAIMS

LOCAL GEOLOGY

GUICHON CREEK AREA

Geology after
McMillan, Nov. 1978

SCALE: 1:25000
DATE: Oct. 10, 1994

FIG. 3

Rock outcrops near diamond drill holes D9301 and D9303 (Figure 4) are not typical of the Guichon variety or the Bethlehem phase granodiorites and appear to be types associated with dykes and possibly a plug that are younger than the Bethlehem granodiorite. These rocks may be an extension of the dyke swarm associated with the Bethlehem, South Seas and the Krain deposits (Briskey and Bellamy, 1976).

7.0 DIAMOND DRILLING

Three BQ diamond drill holes tested an area where trenching had exposed a zone of weakly disseminated chalcopyrite, pyrite, limonite and malachite (Figure 4). Drilling was done by Tex Drilling and Steam Cleaning of 23-1720 Westsyde Road, Kamloops B.C., V2B 7B7. Drilling commenced June 27 and was completed June 30, 1994. The holes were drilled at an azimuth of 270 degrees at minus 70 degrees. A total of 97.8 metres were drilled, the core is stored in the yard at Mr. Bried's residence; the drill core logs are in the pocket of this report. The following is a summary of the drilling results:

D9301 Length: 46.02 metres. Casing 2.4m.

Where fresh, the core is a medium grey to dark reddish orange monzonite that has a medium to coarse crystalline texture. The

core was split from 10.7m to 46.02m at 0.91m intervals and assayed for Au. and in part for Cu. The zone assayed for copper was from 41.45m to 46.02m averaged 0.05% Cu. From 41.45 - 42.37m the interval assayed 0.40 g/t Au. From 45.11 - 46.02 it assayed 2.06 g/t Au. A repeat assay returned 0.06 g/t Au.

From 17.1 to the end of the hole at 64.02 there are zones of fracture breccia and shears with related zones of strong sericite and moderate to strong chlorite and potassic alteration. There are also a few scattered 2-3mm quartz veins with K'spar selvages that are weakly mineralized with disseminated Py. and Cpy. In part the mineralization is controlled by shears that almost parallel the long axis of the core.

D9302 Length: 31.7 metres. Casing 2.4m.

The hole intersected a relatively fresh monzonite intruded by a pinkish hornblende syenite porphyry at 6.5m - 8.4m and 12.8m - 15.2m. Limonite stained joints extend to the end of the hole. At 11.58m a 25cm zone of finely disseminated Cpy. associated with chloritized hornblende crystals. Between 21.64m and 24.38m a few scattered veinlets of epidote infilling tension fractures and as disseminations replacing feldspar and hornblende crystals.

D9303 Length: 20.1 metres. Casing 3.0m.

Fine to medium grained crystalline monzonite that is relatively fresh down to 9.14m. From 9.14m to the end of the hole there is moderate to strong potassic alteration. Scattered zones with finely disseminated Cpy. and Py. associated with fracture joints and 2 - 3mm quartz carbonate veins. From 16.2 to the end of the hole the texture becomes coarse, granitoid.

As a result of the drilling program low grade copper mineralization was intersected in hole D0301. The mineralization is associated with a zone of strong sericite - chlorite and moderate potassic alteration due to shearing and fracturing. Hole D9303 intersected zones of moderate to strong potassic alteration and scattered 1 - 2mm quartz veins with minor disseminated chalcopyrite and pyrite. Hole D9302 intersected two syenite dikes intruding a monzonite. Compared to the other holes alteration is weak and only traces of Cpy. were noted in a 6cm section.

The chalcopyrite mineralization intersected in the diamond drill holes and what was exposed by trenching is not as strong as that associated with the mineralized float.

8.0 SOIL GEOCHEMISTRY

A total of 92 soil samples were collected and assayed for copper. One of the problems encountered in collecting a sample from the C

Horizon was the abundance of volcanic ash in the area at the base of north-south ridge (Figure 4). Mr. Bried encountered an accumulation of volcanic ash over one meter in thickness that acts as an impervious layer thereby preventing the migration of copper ions. Positive values were only obtained in those areas where no or only minor amounts of ash were encountered, namely on the edge of a ridge to the east where the trenches and drill holes are located. Mr. Bried believes that water saturated ash flowed and accumulated in low areas at the base of the prominent north-south ridge. Because of the ash deposits and the restricted area of soil sampling the background count for ppm Cu. is uncertain.

Where the volcanic ash deposits are minimal it is evident that soil sampling on a 200 metre grid could aid in the search for the source of the chalcopyrite float.

9.0 MAGNETOMETER SURVEY

The survey was done along five lines for a total of three kilometres (Figure 5). Readings were taken at twenty-five metre intervals. From visual estimates of one to two percent disseminated magnetite in the drill core the magnetometer readings are compatible with the magnetic susceptibility that would be expected from the magnetite content of the rock. No

magnetic highs were detected however there is a lineament near the east side of the Gwen 3 claim that corresponds with the east side of the north - south ridge. The lineament has slightly lower than average background count and this would suggest that it may be due to a narrow north - south fault zone.

10.0 CONCLUSIONS AND RECOMMENDATIONS

Shallow diamond drilling intersected weak chalcopryrite and pyrite mineralization associated with zones of variable chlorite, sericite and potassic alteration. This mineralization is not as strong as the mineralized float that drew attention to the area therefore additional exploratory work should be done in order to locate the source of the higher grade float.

Soil sampling results indicate that a soil sampling program should be done over the southwest half of the claim group. Sampling should be on a 100 metre grid followed by closer spaced sampling in areas of positive results. This is recommended in spite of the fact that anomalous volcanic ash deposits can interfere with obtaining a reliable sample. The thick ash deposits are associated with topographic depressions that are not that numerous so as to render such a program unreliable.

APPENDIX 1

REFERENCES

REFERENCES

MCMILLAN, W.J., 1976. Geology and Genesis of the Highland Valley Ore Deposits and the Guichon Creek Batholith - Porphyry Deposits of the Canadian Cordillera. Canadian Institute of Mining and Metallurgy, Special Volume 15, p.85-104.

BRISKEY, J.A. and BELLAMY, J.R., 1976. Bethlehem Copper's Jersey, East Jersey, Huestis and Iona Deposits - Porphyry Deposits of the Canadian Cordillera. Canadian Institute of Mining and Metallurgy, Special Volume 15, p.105-119.

APPENDIX II
STATEMENT OF COSTS

GORDON F. BRIED
GWEN CLAIM GROUP
GWEN 1 - 12 INCL.
TOTAL: 12 UNITS

STATEMENT OF COSTS

DIAMOND DRILLING

NQ Core	97.84m @ \$39.37/m	\$3,852.00
NQ core boxes	18 @ \$6.95 ea.	125.10
Mob. and Demob.		408.00
GST		306.96

ASSAYS

Diamond drill core		465.45
Soil samples		571.32
Rock samples		56.44

RENTALS

4x4 truck	52 days @ \$60.00/day	3,120.00
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WAGES

G. Bried	52 days @ \$150/day	7,800.00
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ACCOMODATIONS

Room		69.03
Meals		97.88

SUPPLIES/EXPENDABLES		98.45
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CONSULTANT FEES

Core logging	1 day @ \$350/day	350.00
Property visit	2 days @ \$350/day	700.00
Assessment Report		<u>1,000.00</u>

Total \$19,020.63

K.M. NEWMAN, P. Geo.

APPENDIX III

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Kevin M. Newman, of the Village of Ashcroft, British Columbia, do hereby certify that:

1. I am a Consulting Geoscientist and reside at 604 Pine Drive, Ashcroft, BC, Box 1268, V0K 1A0.
2. I am a graduate of St. Francis Xavier University, Antigonish, NS, with a B.Sc., Geology Major, 1956.
3. I have been practicing the profession of mining and exploration geology for the past thirty-eight years.
4. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
5. Gordon Bried is hereby given permission to reproduce this report, or any part of it, provided that no portion is taken out of context in such a manner to convey a meaning differing from that set out in the whole.

Dated at Ashcroft BC
this 26th day of September, 1994.

Kevin M. Newman

Kevin M. Newman, P. Geo.



PROJECT: Gwen Group

Hole #: 9401

Date: June 27, 1994

Logged By: R. M. Newman

Location
 Northing 190 m
 sting 36 m
 Elevation 1300 m.
 Declination _____

Orientation	
Collar	Azimuth Dip
	270° -70°

SHEET 1 of 2

Depth (m)		Description	Sample No.	Interval		Assay Results				
From	To			From	To	Au (g/t)	Ag ()	Cu ()	Pb ()	Zn ()
0.0	2.4	Casing		10.4	11.3	<.03				
2.4	46.0	Monzonite. Deep dark red, porphyritic texture, phenocrysts of chloritized hornblende. Rare flakes of biotite. Limonite stained fracture joints. Most of the feldspars are fresh. 1-2 mm shear fractures at 20° to C.A. infilled with sericite. Tension fractures cemented with quartz and minor calcite.		11.3	12.2	<.03				
				12.2	13.1	<.03				
				13.1	14.0	<.03				
				14.0	14.9	<.03				
				14.9	15.8	<.03				
		17.1 - 32.0 start of scattered fracture breccia zones, potassic, sericitic and chloritic alteration. Angular to sub-angular breccia fragments a few mm to 20 mm cemented by sericite and chlorite with finely diss. cpy. and py. Sericite and chlorite alt. due to shr. zones almost parallel to the core length, in parts almost 75% combined sericite-chlorite alt.		15.8	16.8	<.03				
				16.8	17.7	<.03				
				17.7	18.6	<.03				
				18.6	19.5	<.03				
				19.5	20.4	<.03				
				20.4	21.3	<.03				
				21.3	22.2	<.03				
		32.0 - 36.6 40% combined sericite-chlorite alteration, scattered 2-3 mm quartz veins with K spar schapes with tr. cpy. Potassic alteration is patchy to veined, sericite alt. is pervasive, apple green and chlorite tends to be streaky at 10° to C.A.		22.2	23.2	<.03				
				23.2	24.1	<.03				
				24.1	25.0	<.03				
				25.0	25.9	<.03				
				25.9	26.8	<.03				
		36.6 - 46.0 Variable apple green massive sericite alteration ranges from 40% to 70% of core. In parts the feldspars have been completely altered to sericite. K spar veins at 40° and 80° to C.A. contain		26.8	27.7	<.03				
				27.7	28.6	<.03				
				28.6	29.6	<.03				

PROJECT: _____

Hole #: 9401

Date: _____

Logged By: K.M.V.

Location
 Northing _____
 Easting _____
 Elevation _____
 Declination _____

Orientation
 Azimuth Dip

Collar

SHEET 2 of 2

Depth (m) From To	Description	Sample No.	Interval		Assay Results					
			From	To	Au(G./T)	Ag()	Cu(%)	Pb()	Zn()	
	traces of cpy and py. Some hematite stained quartz veins also minor K'spar. Quartz veins average 3mm. Sericite alteration still strong at the end of the hole.		29.6	30.5	<.03					
			30.5	31.4	<.03					
			31.4	32.3	<.03					
			32.3	33.2	<.03					
			33.2	34.1	<.03					
			34.1	35.0	<.03					
			35.0	35.9	<.03					
			35.9	36.9	<.03					
			36.9	37.8	<.03					
			37.8	38.7	<.03					
			38.7	39.6	<.03					
			39.6	40.5	<.03					
			40.5	41.5	<.03					
	End of Hole @ 46m.		41.5	42.4	0.40			0.05		
			42.4	43.3	0.04			0.06		
			43.3	44.2	0.04			0.06		
			44.2	45.1	<.03			0.04		
			45.1	46.0	2.06*			0.04		
	* Repeat Assay 0.06 G/T Au									

GWEN 1

GWEN 2

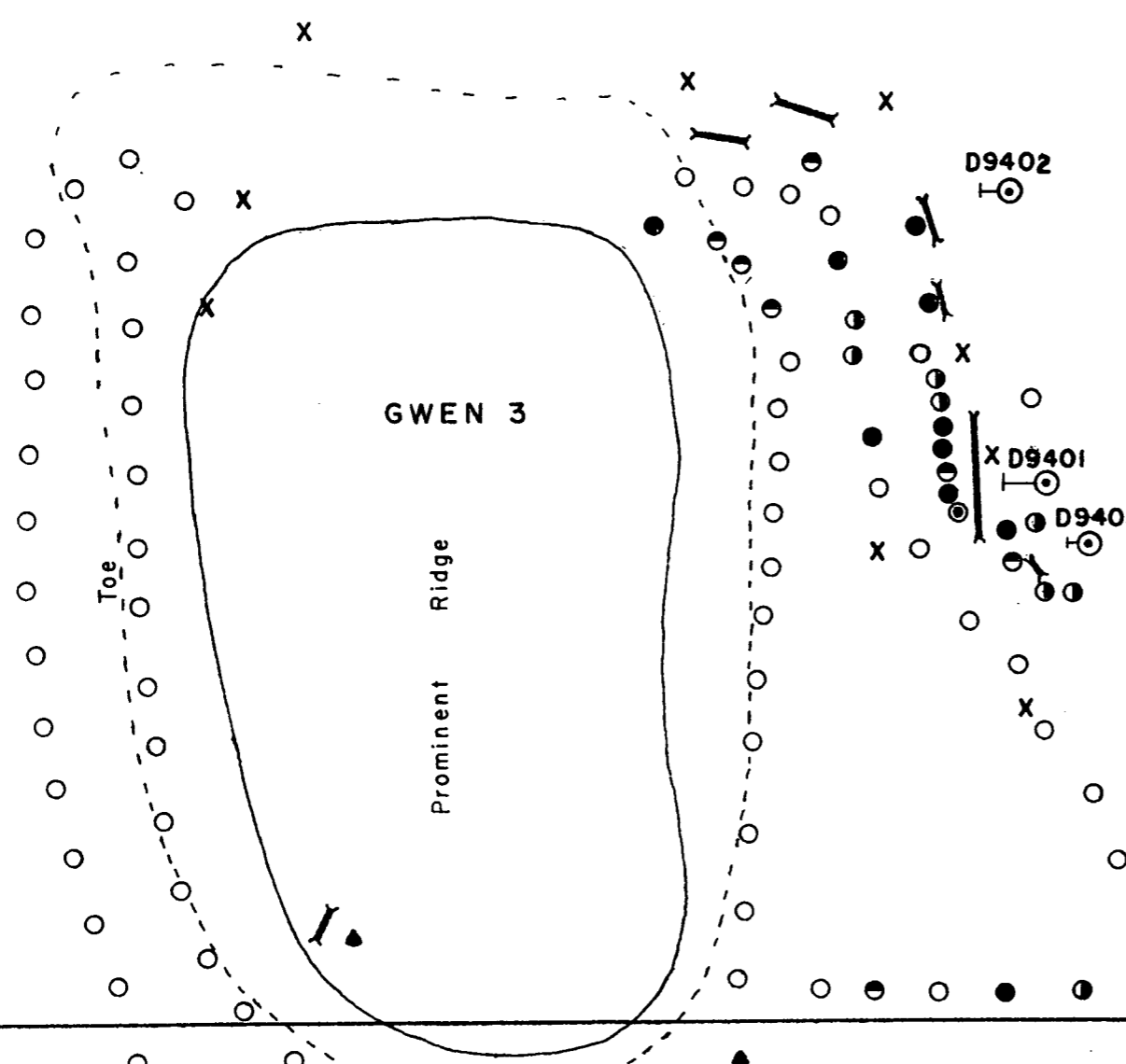
5



LEGEND

- ⊙ DIAMOND DRILL HOLE
- X ROCK OUTCROP
- TRENCH
- ▲ CU MINERALIZED FLOAT
- SOIL SAMPLE SITE
- 0 - 50 ppm Cu
- 50-100
- 100-200
- 200-500
- ⊙ 500+

SAMPLES TAKEN AT "B" HORIZON - 30 cm.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,575

GWEN 4

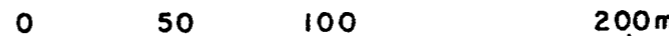
GWEN 6

GWEN CLAIMS

SOIL SAMPLING RESULTS

DDH LOCATIONS

GUICHON CREEK AREA
KAMLOOPS M.D.



GWEN 11

GWEN 12

Scale: 1:250
Oct. 1994

Plan after G.BRIED, 1994

FIG. 4



ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

Analytical Procedure Assessment Report

GEOCHEMICAL ANALYSIS FOR CU

Samples are catalogued and dried. Rock samples are 2 stage crushed followed by pulverizing a 250 gram subsample. The subsample is rolled and homogenized and bagged in a prenumbered bag.

1.0 gram of sample is digested with aqua-regia, allowed to cool and brought up to volume with D.I. water.

The sample is analyzed using a Perkin Elmer atomic absorption machine.

The data is compiled and printed on a laser printer and checked and then submitted to the client.



ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

Analytical Procedure Assessment Report

GEOCHEMICAL GOLD ANALYSIS

Samples are catalogued and dried. Soils are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Rock samples are 2 stage crushed to minus 10 mesh and a 250 gram subsample is pulverized on a ring mill pulverizer to -140 mesh. The subsample is rolled, homogenized and bagged in a prenumbered bag.

The sample is weighed to 10 grams and fused along with proper fluxing materials. The bead is digested in aqua regia and analyzed on an atomic absorption instrument. Over-range values for rocks are re-analyzed using gold assay methods.

Appropriate reference materials accompany the samples through the process allowing for quality control assessment. Results are entered and printed along with quality control data (repeats and standards). The data is faxed and/or mailed to the client.

ECO-TECH LABORATORIES LTD.
 10041 EAST TRANS CANADA HWY.
 KAMLOOPS, B.C. V2C 2J3
 PHONE - 604-573-5700
 FAX - 604-573-4557

GORDON BRIED ETK 93-503
 2135 WESTSIDE ROAD
 KAMLOOPS, B.C.
 V2B 7C3

DECEMBER 21, 1993

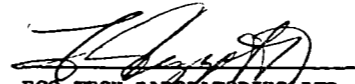
1 SOIL SAMPLE RECEIVED DECEMBER 8, 1993

VALUES IN PPM UNLESS OTHERWISE REPORTED

ET#	DESCRIPTION	AU (ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1 -	RIDGE	<5	<.2	.85	<5	4	160	<5	1.80	<1	14	36	43	2.99	.03	<10	.63	478	<1	.04	25	1050	2	5	<20	81	.12	<10	94	10	12	47
QC/DATA:																																
1 -	RIDGE		<.2	.85	<5	4	165	<5	1.78	<1	14	36	43	2.95	.03	<10	.62	478	<1	.04	25	1040	<2	10	<20	78	.11	<10	93	10	12	46
STANDARD	1991		1.0	1.94	70	4	170	5	1.87	<1	21	68	88	3.96	.40	<10	1.06	743	<1	.02	25	670	18	10	<20	65	.12	<10	82	<10	11	77

NOTE: < = LESS THAN
 > = GREATER THAN

SC93/KAMISC#2


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 FRANK J. PEZZOTTI, A.Sc.T.
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GORDON BRIED ETK 93-454
 2135 WESTSYDE ROAD
 KAMLOOPS, B.C.
 V2B 73C

NOVEMBER 11, 1993


7 SOIL SAMPLES RECEIVED NOVEMBER 4, 1993

VALUES IN PPM UNLESS OTHERWISE REPORTED

ET#	DESCRIPTION	AU (ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1	E 1	25	.8	1.90	120	14	230	<5	.80	7	17	224	175	3.34	.40	<10	.59	828	13	.08	24	540	94	10	140	63	.09	<10	79	180	16	923
2	E 2	15	.4	1.44	35	10	245	<5	1.47	10	14	109	109	2.36	.31	<10	.39	1039	7	.01	10	530	134	20	40	27	<.01	<10	32	100	7	688
3	E 3	5	<.2	3.30	20	14	325	<5	.91	<1	26	141	202	4.91	.39	10	1.18	1166	5	.05	31	820	44	15	<20	56	.15	<10	130	30	18	187
4	E 4	5	<.2	2.61	15	14	320	5	.77	2	23	155	92	4.43	.45	<10	1.05	1530	6	.05	24	880	70	10	20	40	.09	<10	126	70	11	362
5	E 5	5	<.2	2.89	30	14	320	5	.61	1	22	224	81	4.39	.61	<10	.99	939	11	.05	22	790	56	15	100	36	.05	<10	116	20	6	244
6	E 6	5	<.2	2.40	<5	10	260	10	.70	2	23	142	69	4.63	.33	<10	1.33	1342	6	.05	22	1000	34	15	<20	37	.07	<10	134	30	9	427
7	E 7	15	.2	3.45	15	12	160	<5	.65	<1	31	102	135	6.10	.43	10	2.06	2692	6	.02	22	1100	20	20	<20	23	.01	<10	115	30	12	341

NOTE: < = LESS THAN
 > = GREATER THAN

SC93/KAMISC#2


 ECO-TECH LABORATORIES LTD.
 FRANK J. PEZZOTTI, A.Sc.T.
 B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.
 10041 EAST TRANS CANADA HWY.
 KAMLOOPS, B.C. V2C 2J3
 PHONE - 604-573-5700
 FAX - 604-573-4557

GORDON BRIED - ETK 396
 2135 WESTSYDE ROAD
 KAMLOOPS, B.C.
 V2B 7C3

OCTOBER 6, 1993

Taken from West side of ridge running thru Claim #3 Greens' including area of Plot at crest of South end.

VALUES IN PPM UNLESS OTHERWISE REPORTED

30 SOIL SAMPLES RECEIVED SEPTEMBER 24, 1993

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1 -	37	1.6	1.28	5	4	115	5	.67	<1	15	57	54	3.21	.14	<10	.37	602	<1	.02	22	320	22	<5	<20	47	.17	<10	88	<10	15	55
2 -	38	<.2	1.55	15	4	120	5	.69	<1	16	47	47	3.45	.15	<10	.44	454	<1	.02	25	390	20	<5	<20	52	.18	<10	91	<10	19	55
3 -	39	<.2	1.49	10	4	125	10	.70	<1	16	46	36	3.22	.17	<10	.38	530	<1	.02	21	240	20	5	<20	51	.17	<10	84	<10	16	54
4 -	40	<.2	1.53	5	2	125	5	.49	<1	13	42	35	3.08	.14	<10	.32	483	<1	.02	18	310	22	5	<20	35	.16	<10	81	<10	13	80
5 -	41	<.2	1.27	5	4	150	5	.55	<1	12	39	30	2.69	.15	<10	.28	773	<1	.01	14	420	18	5	<20	37	.14	<10	72	<10	9	98
6 -	42	<.2	1.16	10	2	100	5	.58	<1	13	41	41	2.97	.14	<10	.31	528	<1	.02	19	160	16	5	<20	37	.16	<10	83	<10	14	51
7 -	43	<.2	1.22	10	4	115	5	.55	<1	14	45	38	3.04	.17	<10	.33	582	<1	.02	18	200	14	5	<20	41	.16	<10	86	<10	13	52
8 -	44	<.2	1.47	5	4	130	10	.51	<1	14	46	29	3.23	.14	<10	.36	256	<1	.02	19	220	14	5	<20	41	.18	<10	88	<10	14	48
9 -	45	<.2	1.30	<5	4	115	10	.57	<1	14	48	27	3.18	.18	<10	.33	481	<1	.02	20	250	14	<5	<20	42	.17	<10	89	<10	14	50
10 -	46	<.2	1.21	<5	2	105	10	.53	<1	14	45	25	2.96	.13	<10	.32	451	<1	.02	18	170	12	5	<20	43	.17	<10	83	<10	13	46
11 -	47	<.2	1.18	<5	2	95	5	.50	<1	15	44	31	2.93	.15	<10	.34	473	<1	.02	19	130	12	<5	<20	43	.17	<10	82	<10	13	48
12 -	48	<.2	1.53	5	2	105	5	.57	<1	16	46	47	3.24	.12	<10	.43	525	<1	.02	21	160	16	5	<20	47	.16	<10	88	<10	15	53
13 -	49	<.2	1.73	5	2	130	5	.52	<1	14	43	62	3.27	.10	<10	.39	405	<1	.02	22	250	18	<5	<20	44	.16	<10	83	<10	14	67
14 -	50	<.2	1.46	<5	4	120	5	.55	<1	15	43	24	2.99	.14	<10	.35	500	<1	.02	19	330	14	5	<20	46	.16	<10	74	<10	13	57
15 -	51	<.2	1.95	10	4	245	<5	.35	<1	11	24	30	2.10	.10	<10	.24	638	<1	.01	14	4590	22	<5	<20	28	.10	<10	38	<10	7	283
16 -	52	<.2	1.69	10	4	145	<5	.64	<1	10	20	48	1.79	.12	<10	.27	887	<1	.02	25	1180	18	<5	<20	49	.09	<10	38	<10	9	397
17 -	53	<.2	1.96	10	4	120	<5	1.85	<1	9	32	85	2.29	.17	<10	.48	171	<1	.01	20	590	20	5	<20	98	.11	<10	46	<10	12	147
18 -	54	<.2	2.48	10	2	155	<5	.87	<1	11	43	90	2.88	.11	<10	.54	152	<1	.02	24	320	26	5	<20	57	.15	<10	71	<10	16	72
19 -	55	<.2	2.87	10	4	125	<5	.83	<1	11	36	76	2.82	.18	<10	.52	126	<1	.02	20	270	30	5	<20	55	.16	<10	43	<10	18	72
20 -	56	<.2	1.65	<5	2	120	5	.42	<1	11	31	23	2.36	.11	<10	.30	174	<1	.01	14	280	18	5	<20	34	.14	<10	49	<10	9	55


GORDON BRIED

PAGE 2

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
21 -	57	<.2	1.60	<5	2	125	5	.34	<1	11	31	17	2.41	.08	<10	.26	252	<1	.01	15	490	18	5	<20	30	.14	<10	56	<10	8	67
22 -	58	<.2	1.58	10	2	135	5	.35	<1	11	32	19	2.53	.10	<10	.27	305	<1	.01	16	640	16	5	<20	29	.14	<10	61	<10	8	63
23 -	59	<.2	1.41	5	2	115	5	.29	<1	10	26	13	2.02	.10	<10	.21	459	<1	.01	12	670	16	<5	<20	23	.12	<10	47	<10	6	70
24 -	60	<.2	1.74	<5	2	135	5	.33	<1	9	28	17	2.18	.10	<10	.25	194	<1	.01	13	480	20	<5	<20	28	.12	<10	46	<10	7	63
25 -	61	<.2	2.02	10	2	105	5	.48	<1	12	38	20	2.73	.12	<10	.33	342	<1	.02	16	200	22	<5	<20	39	.16	<10	56	<10	11	81
26 -	62	<.2	2.28	5	2	230	5	.39	<1	12	34	23	2.52	.16	<10	.31	640	<1	.01	20	750	26	5	<20	33	.15	<10	52	<10	9	144
27 -	63	<.2	1.84	5	2	165	5	.40	<1	12	37	24	2.73	.13	<10	.31	500	<1	.01	19	480	20	5	<20	31	.15	<10	65	<10	10	93
28 -	64	<.2	1.31	5	2	155	5	.51	<1	15	43	28	2.93	.15	<10	.32	642	<1	.01	19	250	16	5	<20	42	.16	<10	81	<10	13	70
29 -	65	<.2	1.40	10	4	140	5	.60	<1	17	46	37	3.33	.22	<10	.43	665	<1	.02	25	260	16	5	<20	50	.17	<10	91	<10	17	62
30 -	66	<.2	1.33	<5	4	125	5	.43	<1	11	31	17	2.34	.18	<10	.28	747	<1	.01	14	450	14	5	<20	34	.13	<10	56	<10	8	85

NOTE: < = LESS THAN
> = GREATER THAN

SC93/KAMMISC#2


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B.C. Certified Assayer

GORDON BRIED

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 10041 EAST TRANS CANADA HWY.
 KAMLOOPS, B.C. V2C 2J3
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 FAX - 604-573-4557

OCTOBER 4, 1993

VALUES IN PPM UNLESS OTHERWISE REPORTED

37 SOIL SAMPLES RECEIVED SEPTEMBER 20, 1993

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1	- 1	<.2	1.86	10	4	140	5	.60	<1	15	36	30	2.77	.13	<10	.37	596	1	.01	17	560	24	5	<20	41	.15	<10	68	<10	10	112
2	- 1A	<.2	1.81	<5	6	125	<5	.71	<1	16	39	170	3.28	.29	10	.47	735	<1	.02	21	380	26	5	<20	42	.14	<10	80	<10	19	165
3	- 2	<.2	2.31	10	4	190	5	.54	<1	16	46	41	3.14	.17	<10	.44	972	<1	.02	24	570	28	5	<20	45	.18	<10	75	<10	14	111
4	- 3	<.2	2.64	10	6	235	5	.57	<1	14	34	35	2.86	.10	<10	.40	917	<1	.01	24	1370	24	5	<20	49	.15	<10	66	<10	10	138
5	- 4	<.2	1.86	<5	4	185	5	.65	<1	15	36	30	3.00	.19	<10	.41	947	<1	.01	22	570	20	5	<20	42	.16	<10	77	<10	11	123
6	- 5	<.2	1.35	5	8	110	5	.49	<1	13	31	31	3.04	.10	<10	.34	338	<1	.01	14	190	14	5	<20	31	.16	<10	100	<10	10	76
7	- 6	<.2	1.76	<5	4	120	5	.34	<1	12	35	29	2.93	.11	<10	.30	219	<1	.01	14	410	18	<5	<20	28	.16	<10	84	<10	10	88
8	- 7	<.2	1.23	5	6	215	<5	.44	<1	10	16	33	2.00	.17	<10	.25	1042	<1	.01	8	530	12	5	<20	26	.06	<10	43	<10	5	129
9	- 8	<.2	2.05	5	6	380	<5	.57	<1	13	17	69	3.38	.16	<10	.28	465	<1	.01	15	1220	22	5	<20	27	.02	<10	62	<10	6	380
10	- 9	<.2	1.85	10	6	215	<5	1.28	1	15	21	315	2.91	.23	10	.36	1366	<1	.01	22	450	20	<5	<20	73	.06	<10	59	<10	23	593
11	- 10	<.2	1.75	15	6	325	<5	.73	1	13	18	98	2.51	.23	10	.32	1440	<1	.01	11	510	22	5	<20	44	.04	<10	45	<10	11	337
12	- 11	<.2	1.72	10	8	185	<5	1.49	2	12	19	481	2.42	.23	20	.40	1751	<1	.01	23	330	18	5	<20	81	.04	<10	53	20	35	766
13	- 12	<.2	1.62	15	8	160	<5	1.63	<1	11	27	251	2.42	.17	10	.49	810	<1	.03	23	580	18	5	<20	97	.10	<10	56	10	20	390
14	- 13	<.2	1.53	10	5	130	<5	1.24	<1	12	26	165	2.53	.18	<10	.46	1193	<1	.02	22	430	18	5	<20	72	.09	<10	58	<10	15	269
15	- 14	<.2	1.54	10	6	190	<5	.67	1	12	26	46	2.49	.22	<10	.33	1189	<1	.02	12	480	18	5	<20	44	.10	<10	56	<10	11	427
16	- 15	<.2	2.05	5	8	230	5	.58	<1	12	23	28	2.49	.21	<10	.33	1107	<1	.01	11	800	22	<5	<20	39	.09	<10	51	<10	10	288
17	- 16	<.2	1.76	10	8	450	<5	.58	<1	14	29	41	2.64	.08	<10	.31	1519	<1	.02	16	2480	18	5	<20	50	.12	<10	62	<10	9	370
18	- 17	<.2	1.52	5	6	155	<5	2.29	<1	10	25	291	2.12	.13	10	.48	915	<1	.02	23	930	16	5	<20	115	.07	<10	55	<10	26	241
19	- 18	<.2	1.46	10	8	130	<5	1.38	<1	12	24	183	2.42	.19	10	.47	969	<1	.02	20	440	16	5	<20	79	.09	<10	55	<10	19	273
20	- 19	<.2	1.64	10	8	220	<5	.92	1	14	31	101	2.70	.12	<10	.32	1097	<1	.02	19	1240	18	5	<20	62	.11	<10	68	10	14	415

PAGE 2

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
21 -	20	<.2	1.76	15	8	295	<5	1.10	1	13	28	102	2.73	.27	<10	.34	1171	<1	.02	15	800	20	<5	<20	74	.11	<10	65	10	13	580
22 -	21	<.2	1.84	10	10	180	5	.64	1	14	36	31	2.81	.14	<10	.33	913	<1	.02	16	610	18	<5	<20	49	.16	<10	64	10	10	482
23 -	22	<.2	1.68	5	8	115	<5	.65	<1	18	42	68	3.30	.18	<10	.42	617	<1	.03	21	470	16	5	<20	52	.17	<10	85	<10	17	226
24 -	23	<.2	1.68	10	10	120	5	.53	<1	15	38	37	2.90	.15	<10	.38	414	<1	.03	16	570	16	5	<20	48	.15	<10	67	<10	11	183
25 -	24	<.2	1.29	5	5	95	5	.55	<1	14	38	38	3.06	.10	<10	.35	229	<1	.03	18	460	12	5	<20	48	.17	<10	86	<10	12	81
26 -	25	<.2	1.41	5	8	95	5	.52	<1	14	40	39	3.03	.11	<10	.36	218	<1	.03	18	460	14	5	<20	47	.18	<10	84	<10	13	78
27 -	26	<.2	1.32	10	15	110	5	.46	<1	12	33	28	2.56	.10	<10	.26	435	<1	.02	13	540	14	<5	<20	37	.15	<10	66	<10	9	170
28 -	27	<.2	1.38	5	10	100	5	.51	<1	14	37	33	2.78	.12	<10	.33	329	<1	.03	15	350	14	5	<20	45	.16	<10	72	<10	11	104
29 -	28	<.2	1.66	<5	5	135	10	.44	<1	13	38	25	2.65	.15	<10	.31	244	<1	.03	16	410	18	5	<20	35	.17	<10	66	<10	11	67
30 -	29	<.2	1.74	5	5	145	10	.43	<1	13	37	22	2.69	.11	<10	.32	572	<1	.02	17	770	20	5	<20	37	.17	<10	67	<10	10	99
31 -	30	<.2	1.80	10	5	150	5	.45	<1	13	39	22	2.80	.13	<10	.32	554	<1	.02	17	490	22	<5	<20	39	.18	<10	70	<10	11	109
32 -	31	<.2	1.66	5	6	150	5	.46	<1	13	37	23	2.75	.13	<10	.31	491	<1	.02	16	640	18	<5	<20	42	.17	<10	68	<10	11	98
33 -	32	<.2	3.44	<5	8	315	10	.47	<1	16	46	36	3.43	.15	<10	.44	563	<1	.02	32	1840	34	5	<20	39	.18	<10	78	<10	12	173
34 -	33	<.2	2.37	10	8	115	<5	1.14	<1	12	37	186	2.97	.16	<10	.54	270	<1	.03	18	320	22	5	<20	68	.16	<10	63	20	12	800
35 -	34	<.2	3.13	5	4	130	5	.88	<1	13	39	74	3.25	.15	<10	.57	271	<1	.03	20	360	30	<5	<20	62	.19	<10	66	<10	14	356
36 -	35	<.2	2.15	<5	6	145	<5	1.40	1	17	33	210	2.93	.15	<10	.65	1127	<1	.03	26	400	20	5	<20	84	.14	<10	64	<10	14	919
37 -	36	<.2	2.36	5	8	135	<5	.90	<1	17	43	97	3.16	.14	<10	.49	1054	<1	.02	21	260	22	5	<20	61	.18	<10	76	<10	12	515

NOTE: < = LESS THAN
> = GREATER THAN

SC93/KAMMISC#1

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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

Analytical Procedure Assessment Report

BASE METAL ASSAYS (Ag, Cu, Pb, Zn)

Samples are catalogued and dried. Rock samples are 2 stage crushed followed by pulverizing a 250 gram subsample. The subsample is rolled and homogenized and bagged in a prenumbered bag.

A suitable sample weight is digested with aqua regia. The sample is allowed to cool, bulked up to a suitable volume and analyzed by an atomic absorption instrument, to .01 ppm detection limit.

Appropriate certified reference materials accompany the samples through the process providing accurate quality control.

Result data is entered along with standards and repeat values and are faxed and/or mailed to the client.



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Fax (604) 573-4557

Analytical Method Assessment for

GOLD ASSAY

Samples are sorted and dried (if necessary). The samples are crushed through a jaw crusher and cone or rolls crusher to -10 mesh. The sample is split through a Jones riffle until a ~250 gram subsample is achieved. The subsample is pulverized in a ring & puck pulverizer to 95% -140 mesh. The sample is rolled and homogenized.

A 1/2 or 1.0 A.T. sample size is fused along with proper fluxes. The resultant bead is digested with acid and analyzed on a Perkin Elmer AA instrument.

Appropriate standards and repeat samples (Quality Control components) accompany the samples on the data sheet.



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Fax (604) 573-4557

CERTIFICATE OF ASSAY ETK 469

G.F. BRIED
2135 Westyde Rd.
KAMLOOPS, B.C.
V2C 7C3


Re run

17-Aug-94

5 CORE samples received July 27, 1994

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
1	136'-139'	0.40	0.012	0.05
2	139'-142'	0.04	0.001	0.06
3	142'-145'	0.04	0.001	0.06
4	145'-148'	<.03	<.001	0.04
<i>Note -</i> 5	148'-151'	0.06	0.002	0.04

XLS/Kmisc


ECO-TECH LABORATORIES LTD.
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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY ETK 536


G.F. BRIED
2135 Westyde Rd.
KAMLOOPS, B.C.
V2C 7C3

12-Aug-94

25 CORE samples received August 2, 1994

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	6	<.03	<.001
2	7	<.03	<.001
3	8	<.03	<.001
4	9	<.03	<.001
5	10	0.04	0.001
6	11	<.03	<.001
7	12	<.03	<.001
8	13	<.03	<.001
9	14	<.03	<.001
10	15	<.03	<.001
11	16	<.03	<.001
12	17	<.03	<.001
13	18	<.03	<.001
14	19	<.03	<.001
15	20	<.03	<.001
16	21	<.03	<.001
17	22	<.03	<.001
18	23	<.03	<.001
19	24	<.03	<.001
20	25	<.03	<.001
21	26	<.03	<.001
22	27	<.03	<.001
23	28	0.02	0.001
24	29	<.03	<.001
25	30	<.03	<.001

XLS/Kmisc


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B.C. Certified Assayer



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Fax (604) 573-4557

CERTIFICATE OF ASSAY ETK 469


G.F. BRIED
2135 Westyde Rd.
KAMLOOPS, B.C.
V2C 7C3

27-Jul-94

5 CORE samples received July 27, 1994

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
1	136'-139'	0.40	0.012	0.05
2	139'-142'	0.04	0.001	0.06
3	142'-145'	0.04	0.001	0.06
4	145'-148'	<.03	<.001	0.04
5	148'-151'	2.06	0.060	0.04

XLS/Kmisc



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MARCH 28, 1994

CERTIFICATE OF ASSAY ETK 94-140
=====

GORDON BRIED
2135 WESTSIDE ROAD
KAMLOOPS, B.C.
V2B 7C3

SAMPLE IDENTIFICATION: 1 ROCK SAMPLE received MARCH 21, 1994

ET#	Description	Au (g/t)	Au (oz/t)	Cu (%)
1	E. FLOAT	<.03	<.001	.11



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SC94/Kmisc



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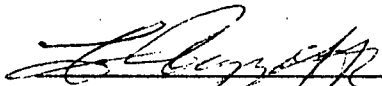
MARCH 22, 1994

CERTIFICATE OF ANALYSIS ETK 94-142
=====

GORDON BRIED
2135 WESTSYDE ROAD
KAMLOOPS, B.C.
V2B 7C3

SAMPLE IDENTIFICATION: 4 SOIL SAMPLES received MARCH 21, 1994

ET#	Description	Cu (ppm)
1	- NIC BRIED	253
2	- N2C	248
3	- 3N	151
4	- 4N	81


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Fax (604) 573-4557

OCTOBER 4, 1993

CERTIFICATE OF ASSAY ETK 93-382


GORDON BRIED
2135 WESTSYDE ROAD
KAMLOOPS, B.C.
V2B 7C3

SAMPLE IDENTIFICATION: 1 ROCK sample received SEPTEMBER 23, 1993

ET#	Description	Au (g/t)	Au (oz/t)	Cu (%)
1 - #1		<.03	<.001	.07

*Taken from mixture of bedrocks (750 samples)
given #3 & #4 claims.*

SC93/MISC93


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B.C. Certified Assayer



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Fax (604) 573-4557

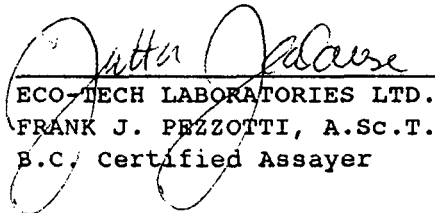
SEPTEMBER 10, 1993

CERTIFICATE OF ASSAY ETK 93-338
=====

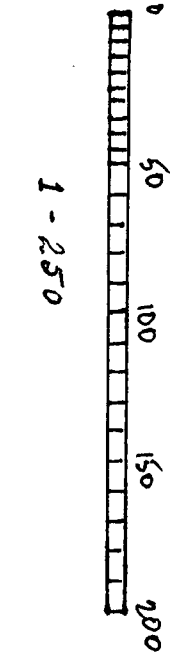
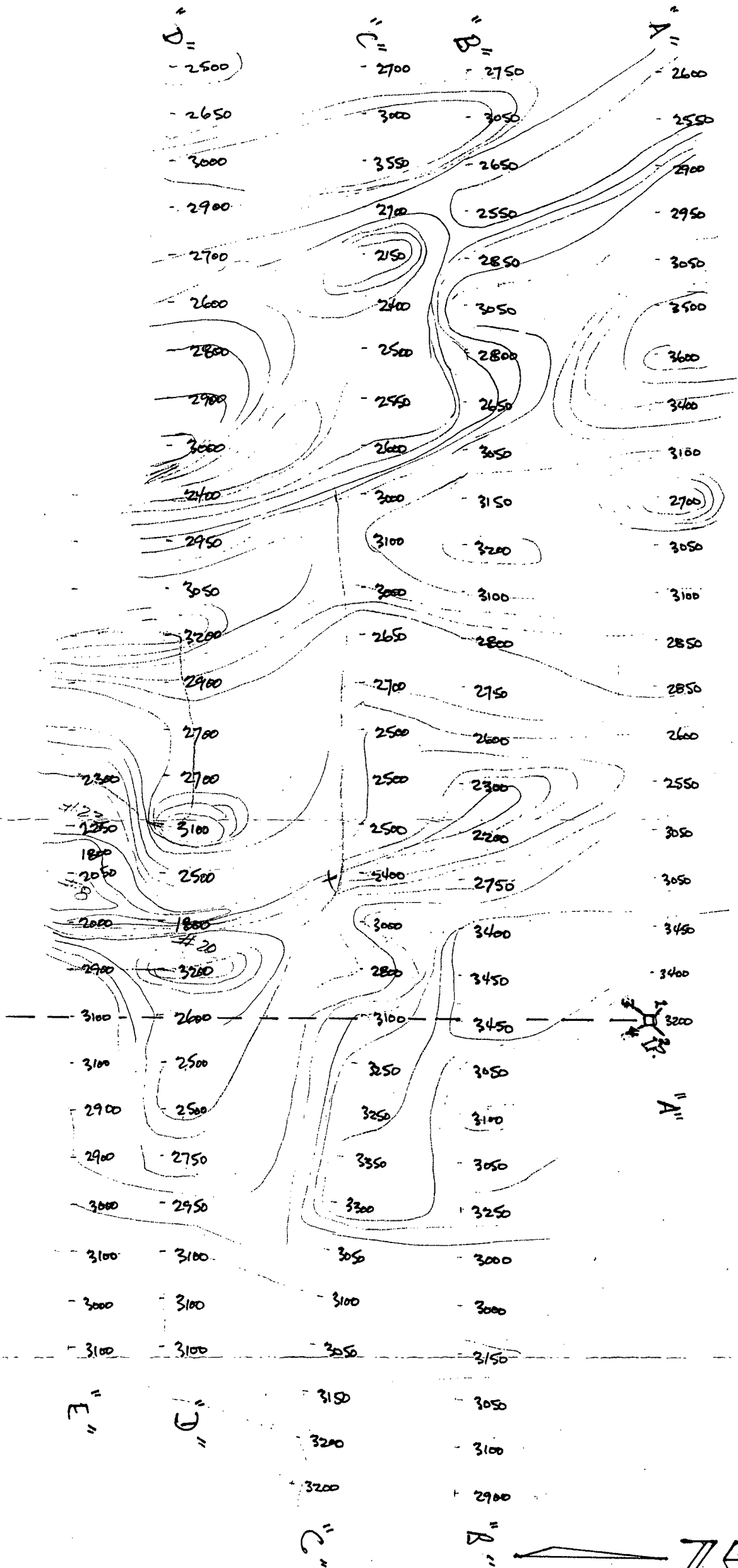
GORDON BRIED
2135 WESTSYDE ROAD
KAMLOOPS, B.C.
V2B 7C3

SAMPLE IDENTIFICATION: 1 ROCK sample received SEPTEMBER 1, 1993

ET#	Description	Cu (%)
1-	G. BRIED (GWEN CU)	1.18


ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI, A.Sc.T.
B.C. Certified Assayer

SC93/kmisc



MAG. "GIVEN" Claims
 By Bruce Bried 10/21/93
 MODEL OF MAGNETOMETER
 McPHAR 700
 Fig. 5

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

23,575