

86-1039-15572

Nicda M.O.

PROSPECTORS REPORT
G&G MINERAL CLAIM

~~CAT. 80° 20' E LONG. 120° 54'~~ 50° 07.3' 120° 32.9'
NTS ~~82I/2E~~ 92I/2E

By
Operator: GARRY ELLIOTT
For
GARRY ELLIOTT
~~OWNER & OPERATOR~~
CLAIM RECORD #1737

Owner: Iota Explorations Ltd.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,572

FILMED

I

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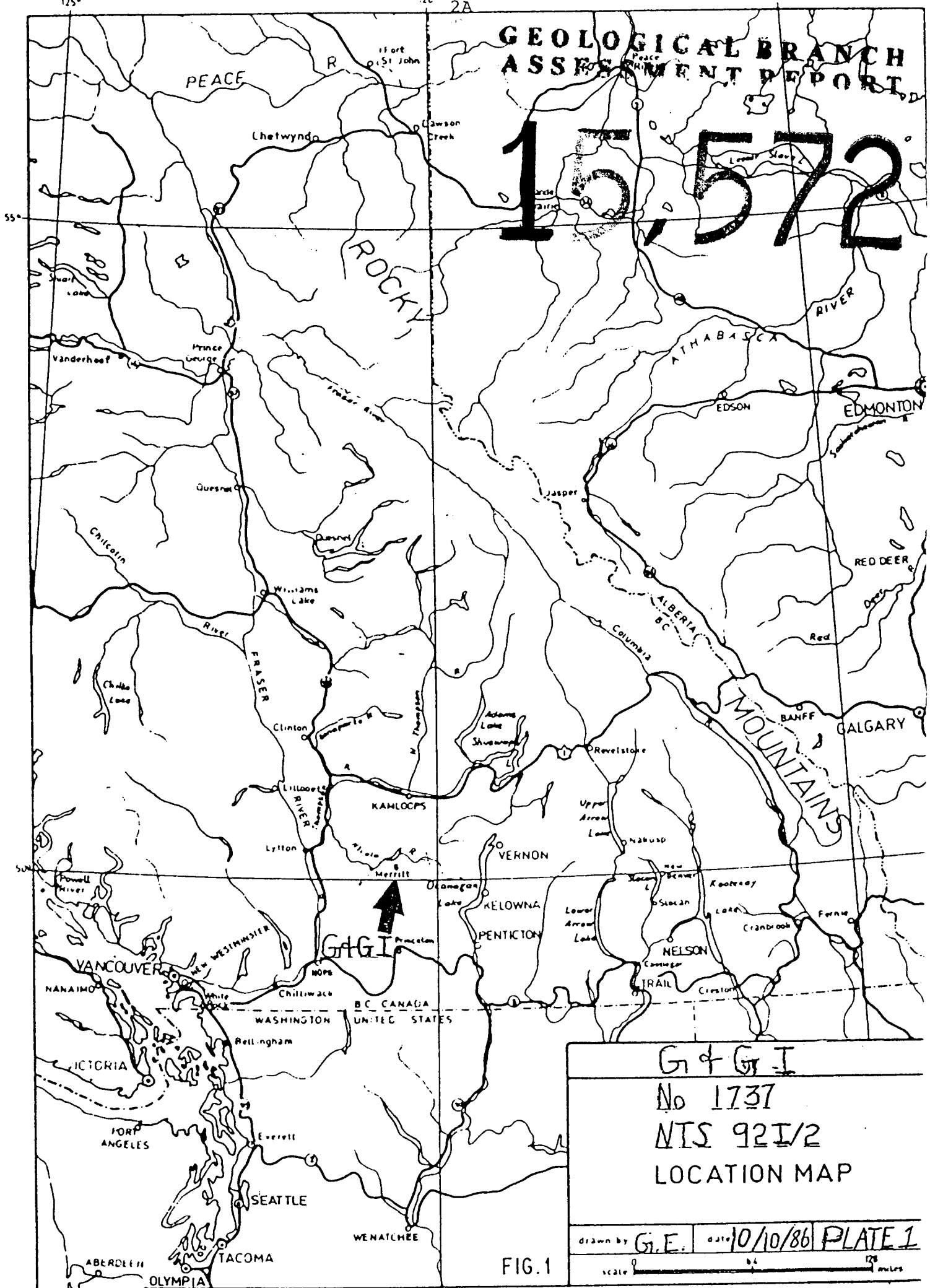
III

LIST OF REFERENCES

1. Kenneth G. Sanders- Geological Report; Report # 5092, copy write
May 13, 1974

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G & G I	
No 1737	
NIS 92I/2	
LOCATION MAP	
drawn by G.E.	date 10/10/86
PLATE 1	
scale 0 50 100 miles	

FIG. 1

INTRODUCTION

1.0)

The G&GI property was staked by G. Elliott and G. Ruddell of Kamloops B.C.. The location of the property is approximately 20Km east of Merritt B.C. and 4Km south of Nicola Lake in the lower Nicola Region of South Central B.C..

The prospecting venture was financed in part by the B.C. Governments Prospectors Assistant Grant.

A random Geochemical survey was done over the entire property with areas of interest being more intensively covered.

LOCATION AND ACCESS

2.0)

The G&GI property is located approximately 20Km east of Merritt and 4Km south of Nicola Lake. (All laying within the Thompson Plateau.)

The terrain on the property consists of smooth rolling plains with an elevation ranging from 2000' to 4500'. It is semi-arid and covered with sagebrush. Pine and Fir trees cover some of the higher levels.

The Geographical co-ordinates are; 50°12' north latitude; 120°51' west longitude. The NTS designation is 92-1/2.

Access to the property is provided from two points. The first is 12Km southeast of Merritt B.C. on Hwy 5A; a well used dirt road which gives complete access. From Hwy 5A the road travels northeast 9Km passing through two gates before entering the property. This road is well travelled by fishermen and hunters and parallels the power lines.

Secondly, 18Km northeast of Merritt on Hwy 5 another dirt road runs south approximately 4Km to the property with one obstruction, a large metal gate put in place by a local farmer. A key however, has since been provided.

OWNERSHIP AND CLAIM STATUS

3.0)

The G&GI claim was staked September 5, 1986 by G.Ruddell and myself (G.Elliott). It is an 18 unit claim block 3W by 6S and was recorded September 22, 1986. The Metal Tag # is 125000 and the G&GI record # is 1737.

The claim is owned 100% by me (G.Elliott). The claim expiry date is September 22, 1987. The work described in this report was completed to keep the claim in good standing and to enhance the property sale.

HISTORY AND PREVIOUS WORK

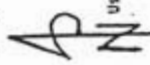
4.0)

One area of interest located directly northeast of the G&GI claim is the old Sunnyboy property.

According to a report written by Kenneth G. Sanders, P.Eng., only a few small test pits were put in by the original discoverers, most of the work was done in the early 1950's. In addition to the test pits about 80 lineal feet of rock trenching was completed.

A description of the best showing on the Sunnyboy, located on the east end of the claim, was a quartz vein in Andesite exposed by rock trenching for 50 ft. revealing 50.53 oz Au per ton and 2.80 oz Ag per ton over 6.0 inches. Another vein assay ran 7.54 oz Au per ton and 1.58 oz Ag per ton over 9.6 inches.

On the northwest corner of the G&GI claims trenching and drilling has been done on a microdiorite dyke and quartz vein system. The entire property is covered by Epidote alteration, this being the initial attraction to the region. Information on the work done previous to the G&GI claim is not available.



Use diagram only
APPROXIMATE
FOR
ANALYSIS

Utiliser le diagramme ou
DECLINAISON A
AU CENTRE
Variation au

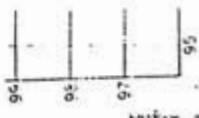
ONE TH
UNIVERSAL

QUADRILLAGE
TRANSVERSE U

GRID ZONE DESIGNATION
DESIGNATION OF
LA ZONE
DU QUADRILLAGE U

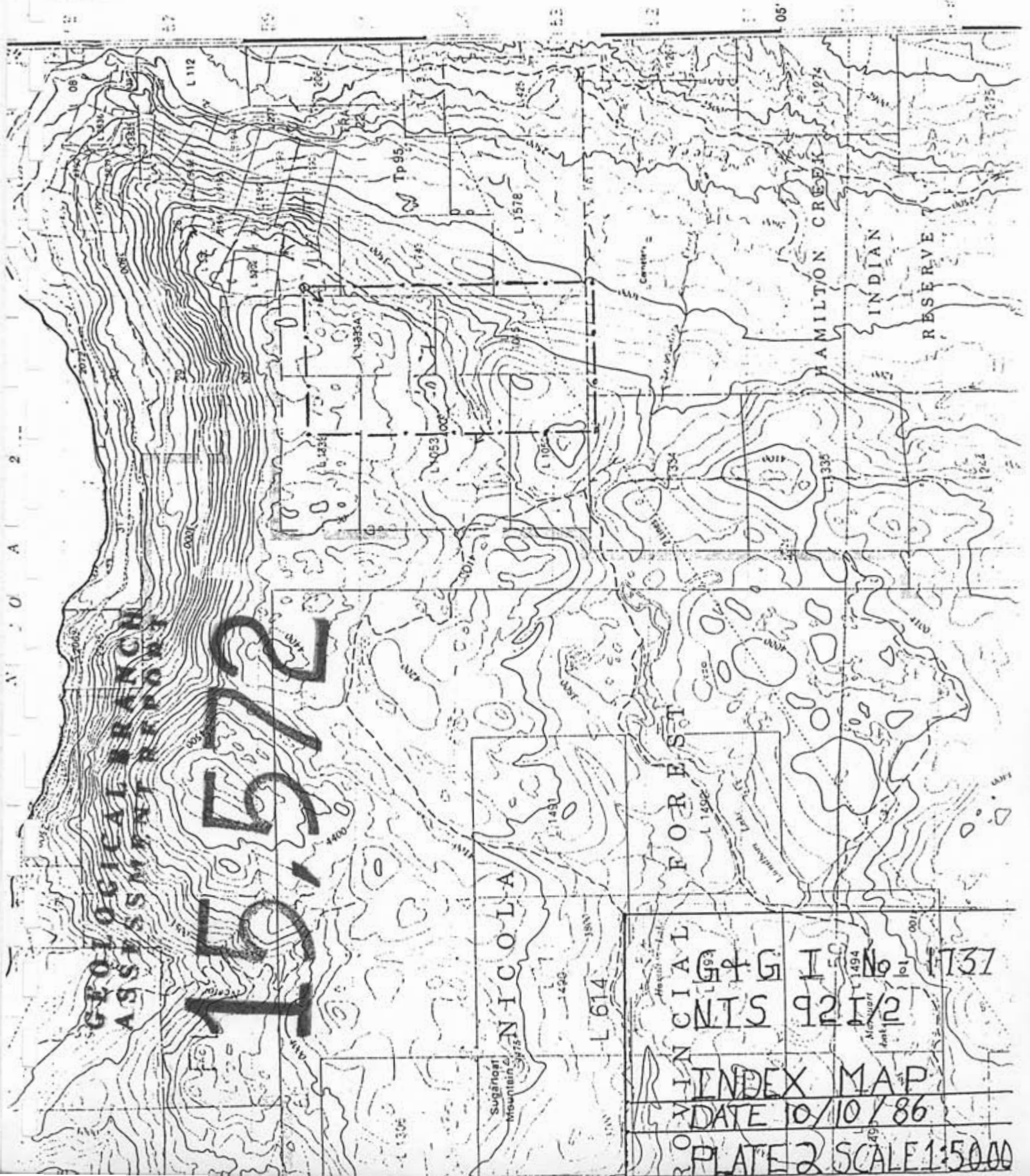
11U

LEAVE
TO GIVE A REFERENCE
ENVIROPE D
POUR L'INER DES



REFERENCE POINT
POINT DE REFERENCE

EASTING: Read number
immediately to left
1000000 (31) North
of quadrillage
de l'échelle
Easting: Lire le
numéro
à gauche de
l'échelle



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,572

NICOLA

Sugarhat Mountain

HAMILTON CREEK

INDIAN
RESERVE

FOR
EST

MIN
CIAL

921/2

1494
Municipal
lot 101

No 1737

INDEX MAP
DATE 10/10/86

PLATE 2 SCALE 1:5000

SUMMARY OF WORK PERFORMED 1986

5.0)

Work on G&GI started on September 6, 1986 and ended September 17, 1986 a total of 12 days.

I started with a general view over the property (3rd & 4th) with the staking being completed on the 5th of September 1986. The 12 days were spent surveying and sampling all the outcrops on the property.

After a few days of prospecting, mapping and sampling we discovered old trench workings and diamond drill holes. Quartz veins with mineralization consisting of Chalco-Pyrite, Malichite, Azurite and Gold were examined. This initiated a rock-chip sampling program within all the workings and quartz veining systems.

Work was completed on the 17th of September 1986 and organization and shipping of all rock samples was also carried out on this date. All rocks were sent to Acme Analytical Laboratories Ltd. for 30 element I.C.P. and Au assay.

GEOLOGY

6.0)

Information gathered on the geology of the G&GI project was acquired in the field as well as through the study of Preliminary map 47; Nicola Project-Merritt Area; south sheet NTS 92I (2) A, B,C, released October 1981.

Bedrock of the region consists almost entirely of volcanic formations of the Nicola series; these are primarily volcanic flows. The principal formation is a reddish to green Andesite and Basaltic flow. The reddish color is due to the impregnation of the ground mass of the rock by red oxide of Iron and Hematite.

These rocks exhibit considerable alteration with the formation of secondary Calcite, Quartz, Epidote and Chlorite. A major fault spurring off the Quilchena Fault cuts the property north and south.

3W C.P.

2W

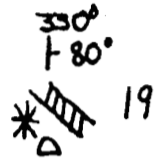
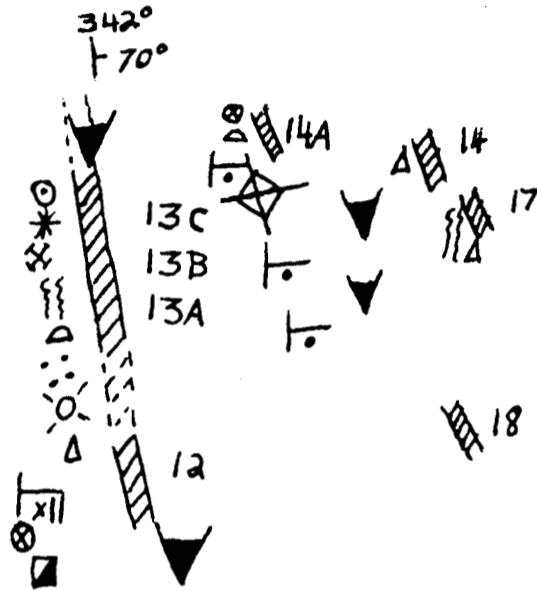
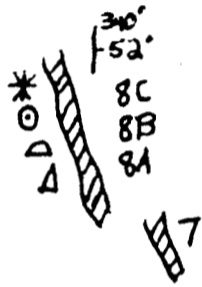
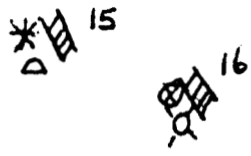
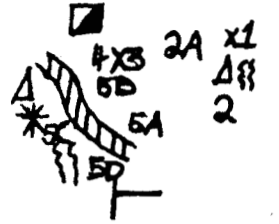
1W 500m To L.C.P.



3W 15'

3W 25'

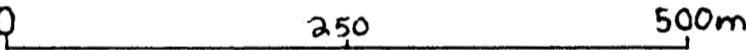
3W 35'



LEGEND

- BASALT
- ┆ DIORITE
- ┆ MICRO DIORITE
- }} CALCITE
- GOLD
- △ EPIDOTE
- ◊ MAGNATITE
- * CHALCO PYRITE
- ◐ MALICHITE
- X NATIVE COPPER
- ∴ AZURITE
- ▨ QUARTZ VLEN
- ◇ DRILL HOLE
- ⊗ OXYDIZATION
- ▼ TRENCH

┆ STRIKE
 ┆ DIP
 No's 1 TO 19 REFERENE
 APPENDIX A ASSAYS



G+G I
 PROSPECTORS MAP
 SAMPLING PROJECT
 WORK DONE BY G. ELLIOT
 No-1737
 NTS 92 I/2
 DATE 10/10/86
 PLATE 3
 SCALE 1:5000

**GEOLOGICAL BRANCH
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RESULTS

7.0)

All rocks were sent to Acme Analytical Laboratories Ltd. for a Geochemical I.C.P. Analysis with 30 elements and higher detection limit on Gold.

Samples ranged from ore grade to being anomolous in Gold and in many cases were anomolous in Copper, Tin and Tungsten as well.

CONCLUSION AND RECOMMENDATIONS

3.0)

After obtaining all the data on the property I recommend that a controlled Geochemical survey should be conducted over the areas of interest so that more pertinent data can be attained.

More rock-chip sampling would be useful as well.

STATEMENT OF COSTS

WAGES:

Man Days-----G.Elliott, 12 days
Man Days-----G.Ruddell, 12 days
Total Days----- 24 days

COST PER DAY;PER PERSON-\$100.00

Amount in Wages-----G.Elliott,\$1200.00
Amount in Wages-----G.Ruddell,\$1200.00
Total Wages-----\$2400.00

TRANSPORTATION COSTS:

One 3/4 ton 4x4 truck @ \$45.00 per day
for 12 days-----\$ 540.00
The vehicle was in use from September 6,1986
to September 17, 1986.

One 370 CAN-AM motorcycle @ a fixed cost for
period of use which started September 6/86
to September 17/86-----\$ 100.00

Cost of damages incurred while in use-----\$ 77.60

Fuel costs for both vehicles @ a total of-----\$ 95.00
Total for transportation
and fuel-----\$ 812.60

STATEMENT OF COSTS CON'T

Staking and Geological Supplies-----	\$ 147.45
	\$ 9.36
	\$ 9.00
Total of Supplies-----	\$ 165.84

Camp Supplies and Miscellaneous:

Groceries-----	\$ 147.93
	\$ 91.32
	\$ 12.65
	\$ 9.39
Total Groceries-----	\$ 261.29

Miscellaneous-----	\$ 21.56
	\$ 4.06
Total Miscellaneous-----	\$ 25.62

Total for Miscellaneous and Groceries-----	\$ 286.91
--	-----------

Geo-Chemical Costs:

Shipping of Samples-----	\$ 10.05
I.C.P. Analysis-----	\$ 168.00
Geo-Chemical Ore Assay-----	\$ 112.00
Rock Sample Preparation-----	\$ 84.00
Total Geo-Chemical Costs-----	\$ 374.05

STATEMENT OF COSTS CON'T

TOTAL OF ALL PREVIOUS COSTS:

Wages-----	\$2400.00
Transportation and Fuel-----	\$ 812.60
Staking and Geological Supplies-----	\$ 165.84
Camp Supplies and Miscellaneous-----	\$ 286.91
Geo-Chemical Costs-----	\$ 374.05
Total-----	<u>\$4039.40</u>

COST OF REPORT:

Research-----	\$ 20.00
Travel-----	\$ 30.00
Wages-----	\$ 100.00
Total Cost of Report-----	<u>\$ 150.00</u>
Total of all Costs-----	\$4189.40

STATEMENT OF QUALIFICATIONS

I, Garry Elliott, of the city of Kamloops, in British Columbia, hereby state that:

- 1) I am a professional prospector.
- 2) I have been carrying out my profession since 1983.
- 3) I am a graduate of the B.C. Department of Mines Explorations Course for Prospectors.
- 4) This report is based on information gathered during the 1986 field season. Opinions expressed within reflect the knowledge and information gathered from local experience and research.
- 5) I am the sole owner of the G&GI claims.

Signature:



GARRY ELLIOTT

Dated:

10/10/86

GE:dmh

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

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 MM.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: ROCK CHIPS AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 19 1986 DATE REPORT MAILED: *Sept 24/86* ASSAYER: *D. Joyce*... DEAN TOYE. CERTIFIED B.C. ASSAYER.

GARRY ELLIOTT FILE # 86-2744

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	Hg	Ba	Ti	B	Al	Na	K	W	Au1
	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
6+61 #1	1	92	2	79	.1	11	22	682	4.07	4	5	ND	1	37	1	2	3	75	1.31	.134	6	14	2.24	20	.19	8	1.80	.03	.04	1	3
6+61 #2	1	177	10	103	.2	14	25	645	4.64	5	5	ND	1	52	1	2	5	95	1.19	.124	4	27	2.01	34	.19	10	1.56	.03	.19	1	26
6+61 #2A	1	105	9	76	.1	20	27	964	6.04	6	6	ND	1	100	1	2	5	99	3.79	.142	4	52	3.07	254	.03	6	2.14	.02	.13	1	5
6+61 #3	1	56	8	57	.1	59	16	661	3.07	7	5	ND	3	152	1	2	3	77	4.30	.240	21	59	2.45	278	.20	10	1.29	.05	.23	1	2
6+61 #4	1	62	5	72	.1	13	20	519	3.88	7	5	ND	1	66	1	2	4	83	1.46	.138	3	23	1.75	25	.24	12	1.48	.03	.12	1	1
6+61 #5A	1	166	33	46	.1	3	9	1062	1.50	5	7	ND	3	99	19	2	7	42	14.92	.026	2	10	.64	44	.05	58	.63	.01	.04	1	6
6+61 #5B	1	167	6	148	.1	19	28	1176	6.04	10	5	ND	1	38	4	2	3	166	3.80	.136	3	54	3.11	106	.20	3	2.48	.02	.04	2	5
6+61 #5C	2	732	64	28	.6	3	3	1338	1.29	4	7	ND	2	140	10	2	6	35	21.96	.021	2	7	.54	151	.03	3	.50	.01	.02	1	5
6+61 #5D	1	142	10	135	.1	22	26	747	4.97	9	5	ND	1	44	1	2	2	107	1.28	.140	3	43	2.56	113	.28	11	1.97	.03	.03	1	3
6+61 #6	1	18	7	98	.1	52	23	506	4.48	2	5	ND	1	29	1	2	2	109	.86	.017	2	118	1.98	45	.31	7	1.89	.03	.51	1	3
6+61 #7	1	27	19	23	.2	2	5	243	1.58	2	5	ND	1	13	1	2	2	44	.42	.037	4	7	.79	36	.01	2	.73	.04	.04	1	2
6+61 #8A	1	243	265	8	11.1	3	10	78	1.33	4	5	ND	1	8	1	2	33	141	.07	.007	2	10	.20	164	.01	2	.19	.01	.02	3	460
6+61 #8B	4	32	211	6	2.7	4	2	66	.63	2	5	ND	1	5	1	2	12	27	.05	.007	2	5	.18	55	.01	2	.16	.01	.01	1	470
6+61 #8C	1	35	99	18	.6	4	6	175	2.16	2	5	ND	1	8	1	2	6	54	.19	.044	5	10	.89	54	.01	6	.95	.04	.06	1	300
6+61 #9	2	56	190	1	1.4	5	3	35	.71	6	5	ND	1	2	1	2	5	31	.01	.005	2	5	.03	7	.01	2	.03	.01	.01	2	14
6+61 #10	2	46	569	4	4.4	3	3	78	.61	2	5	ND	1	3	1	2	11	25	.09	.007	2	6	.13	19	.01	2	.11	.01	.02	1	13
6+61 #11	1	25	4	47	.1	7	6	480	1.85	2	5	ND	1	32	1	2	5	28	.45	.065	5	12	.74	29	.02	4	.85	.05	.11	1	1
6+61 #12	2	2692	8	25	2.4	7	10	255	1.40	2	5	ND	1	22	1	2	2	31	1.66	.011	2	13	.59	90	.01	2	.47	.01	.03	1	430
6+61 #13A	4	7953	17	53	2.6	14	17	619	4.92	2	5	3	1	32	1	2	2	153	2.67	.038	3	62	1.71	6	.08	6	1.11	.01	.01	259	3800 <i>114</i>
6+61 #13B	3	4605	9	17	9.3	11	7	282	2.02	2	5	13	1	23	1	2	2	55	1.71	.006	2	52	.59	275	.05	2	.38	.01	.01	1	14040 <i>v.42</i>
6+61 #13C	1	2251	5	18	.4	8	7	400	1.34	2	5	ND	1	40	1	2	3	39	5.62	.012	2	20	.64	144	.04	3	.47	.01	.01	1	270
6+61 #14	1	49	4	5	.1	1	3	443	.87	2	6	ND	2	53	1	2	2	36	6.41	.005	2	4	.13	8	.01	2	.18	.01	.01	1	59
6+61 #14A	1	1776	6	48	1.7	9	11	978	2.57	3	10	ND	2	70	1	2	4	24	5.81	.043	3	7	.97	189	.01	6	.32	.01	.13	1	32
6+61 #15	1	1328	11	55	.2	15	11	673	2.47	2	5	ND	1	65	1	2	2	63	4.50	.036	2	33	1.37	7	.10	2	1.06	.02	.02	1	1
6+61 #16	1	24	7	26	.1	5	7	675	1.98	3	5	ND	1	29	1	2	3	49	3.20	.010	2	4	.66	19	.01	4	.62	.01	.09	1	1
6+61 #17	1	60	2	33	.1	14	10	709	2.25	7	10	ND	3	119	1	2	6	63	14.08	.061	2	47	.99	49	.14	2	.71	.02	.02	1	1
6+61 #18	10	12774	21	28	3.0	5	3	369	2.83	2	5	ND	1	17	1	2	2	88	1.37	.034	2	6	.65	22	.05	5	.62	.02	.09	1	290
6+61 #19	1	840	2	19	1.0	7	5	219	1.34	2	5	ND	1	22	1	2	2	37	.52	.017	2	21	.48	11	.04	4	.39	.02	.01	1	88
STD C/AU-R	21	57	40	133	7.0	68	28	1010	3.95	39	21	8	33	48	17	17	20	62	.48	.104	35	58	.88	179	.08	41	1.73	.06	.13	13	495

✓ "May required for correct result"

