

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 92.08.06

ASSESSMENT REPORT 21711

MINING DIVISION: Kamloops

PROPERTY: Enarg  
LOCATION: LAT 51 21 00 LONG 120 00 00  
UTM 10 5692801 708907  
NTS 082M05W 092P08E

CAMP: 039 Adams Plateau - Clearwater Area

CLAIM(S): Enarg 1  
OPERATOR(S): Ovington, L. Babiy, A.  
AUTHOR(S): Ovington, L.  
REPORT YEAR: 1991, 21 Pages  
KEYWORDS: Siltstones, Shales, Argillites, Pyrite

WORK  
DONE: Geochemical  
SAMP 23 sample(s) ;AU

RELATED  
REPORTS: 13667,17475

ORIGINAL

LOG NO. OCT 12 1991	RD.
ACTION:	
FILE NO:	

DIAMOND DRILL CORE ASSAYING

ENARG CLAIM GROUP

LATITUDE: 51° 21' N. LONGITUDE: 119° 59.5' W

NTS 82M/5W AND 92P/8E

AUGUST 3, 1991

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

PAID

OCT 11 1991

GOVERNMENT AGENT  
KAMLOOPS

TRANS # .....

21,711

DIAMOND DRILL CORE ASSAYING

ON THE ENARG GROUP

LOCATED: IN THE KAMLOOPS MINING DIVISION

LAT. 51 21'N - LONG. 119 59.5'W.

MAP SHEETS NTS 82M/5W (WESTSIDE) AND 92P/8E (EASTSIDE)  
(NORTH BARRIERE LAKE AREA)

BY: LARRY OVINGTON - OPERATOR

FOR: LARRY OVINGTON - OWNER  
BRYAN ELLIOTT - OWNER

RECORD NUMBERS: 8730, 9634, 9635, 9636, 9637,  
9638, 9639, 9640, 9641.

KAMLOOPS, AUGUST 3, 1991

I

TABLE OF CONTENTS

PAGE NO:

TABLE OF CONTENTS	I
LIST OF ILLUSTRATIONS	I
LIST OF REFERENCES	II
1.0 INTRODUCTION	I
2.0 LOCATION AND ACCESS	1-2
3.0 OWNERSHIP AND CLAIM STATUS	2
4.0 HISTORY AND PREVIOUS WORK	2-5
5.0 SUMMARY OF WORK PERFORMED IN 1990/1991	5-6
6.0 GEOLOGY	7
7.0 RESULTS	8
8.0 CONCLUSIONS AND RECOMMENDATIONS	8
STATEMENT OF COSTS	9
STATEMENT OF QUALIFICATIONS	AT END OF REPORT

LIST OF ILLUSTRATIONS;

PLATE 1	- LOCATION MAP	AFTER PAGE 2
PLATE 11	- CLAIM MAP	AFTER LOCATION MAP
PLATE 111	- MAP OF DRILL HOLE LOCATIONS -	AFTER PAGE 9
	- ASSAY RESULTS AND DATA -	AFTER MAP OF DRILL HOLE LOCATIONS

## II.

### REFERENCES

- A. Report of the Minister of Mines, BC. 1927, 1935, 1936.
- B. A Property Report on the Energite Claims for Kam Creed Mines Ltd. by C.T. Pasioka, November 27, 1979.
- C. A summary Report on the Electromagnetic and Geochemical Surveys on the Energite Claims for Kam Creed Mines Ltd. by C.T. Pasioka (Report No. 9963) May 26, 1983.
- D. A Report on the Diamond drilling program on the Energite claims for Kam Creed Mines Ltd. by C.T. Pasioka (Report No. 12774) October 10, 1984.
- E. Diamond Drill Report (an update) on the Energite claims for Kam Creed Mines Ltd. by D.G. Cardinal (Report No. 13766) November 12, 1984.
- F. Property Evaluation and Summary Report on the Energite Claim Group by D.G. Cardinal, June 30, 1985.

### RECAP OF REFERENCES

- A. Gives data and details of early work - adits, assays, north and south showing.
- B. General report on the Energite claims for Kam Creed Mines Ltd. listing on V.S.E.
- C. Gives results of a geochemical and geophysical survey.
- D. Gives results of diamond drill holes: BC - 84-1 and BC 84-2.
- E. Gives results of diamond drill holes: 84-3, 84-4 and 84-5.
- F. Summary of work to date on Energite property (as of June 30, 1985).

**1.0 INTRODUCTION:**

The Enarg Group of claims lie approximately 8 km at about 295 degrees from the west tip of North Barriere Lake. The area from Adams Lake to Clearwater has seen active exploration since the early 1900's. Many massive sulphide deposits and showings have been found along this trend. The claim area is forest, covered by commercial grade timber of spruce, hemlock, pine and cedar, much logging has been done in the area providing good access to the mineral claims. Bush is thick with much buckbrush and a lot of heavy moss. Rock outcrop is good in certain areas but in many areas is non-existent. Rain is moderate but snow could be 4 feet plus in the winter. My experience has shown the exploration period to be from June to possibly middle of November. One could operate all winter if he were prepared to keep the roads open.

The Energite claims were originally owned by Kam Creed Mines Ltd. and expired in varying dates around June, 1989. The Enarg Group of claims were acquired by staking (Jar. 1-4) (Bar. 5-8) Larry Ovington, August 6,7, 1990 and the Enarg 1 (4 post-2 units) was purchased by Larry Ovington from Martin Peter of Vancouver.

**2.0 LOCATION AND ACCESS:**

The property is approximately 46 kilometers north east of the town of Barriere. The easiest access is to travel from Kamloops to the town of Barriere. From Barriere, follow the East lake road for about 17 kilometers to the North Barriere Lake turnoff, follow the North Barriere Lake road to the Birk Creek logging road, this road turns off the North Barriere Lake road to the right side, starts off approximately 360 degrees and is a major logging road. Follow the Birk Creek logging road for about 10.5 kilometers, then turn left on a major road, travel approximately 400 meters, then turn right on an old access road and travel approximately 1.6 kilometres to an unnamed creek. You are now

about 170 meters into the east side of the Enarg 1 mineral claim. At this point, if you were to go approximately 170 meters at 80 degrees, you would find I.D. Post 1 South of the Enarg 1 mineral claim.

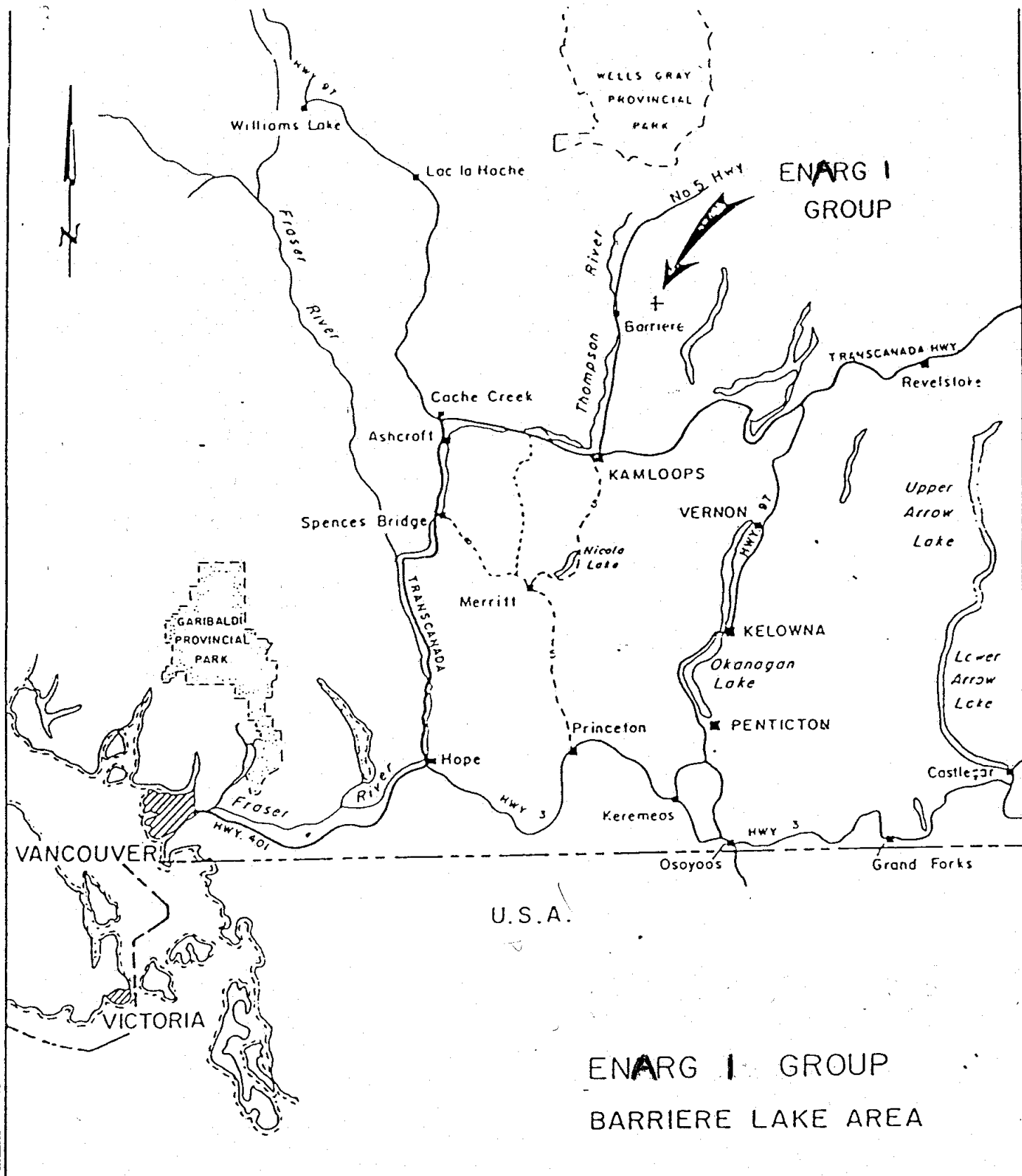
### **3.0 OWNERSHIP AND CLAIM STATUS:**

The Enarg Group is comprised of 1 (4 post claim) the Enarg 1 (2 units) (2S x 1W) and 8-2 Post claims, Jar 1-4 and Bar 5-8. The tag numbers are Enarg 1( Tag #110085) Jar 1-4 ( Tag #618830M-618833M) and Bar 5-8 ( Tag #618838M-618841M). The claims are owned 50% each by Larry Ovington of Kamloops, B.C. and Bryan Elliott of Westwold, B.C. The expiry dates of the claims would have been Enarg 1 (August 5, 1991), Jar 1-4 (August 6, 1991), and Bar 5-8 (August 7, 1991). This assessment work has the claims new expiry date at the dates above in 1993. The claims were grouped in August, 1991 in the Kamloops Courthouse Document number 3003872. The claims are recorded on Mining Claim Maps 82M/5W and 92P/8E. Elevation are 1,500 to 1,430 metres.

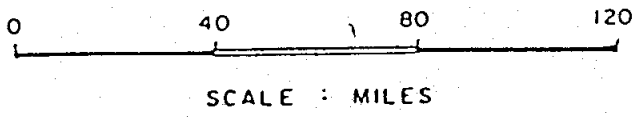
### **4.0 HISTORY AND PREVIOUS WORK:**

1) Staked in 1924, by Barriere Prospectors, skid roads, trails, bridges were constructed. Several exploration trenches and short adits were established in search of high grade quartz veins carrying pyrite, chalcopryrite, galena and sphalerite. Au and Ag values were found with the base metals in many instances. Two showing areas were prominent at this time, they were (a) the South showing where most work was done and high grade massive sulphide quartz veins were being explored, and (b) the North showing (about 2 claims north from south showing) where replacement type mineral was found in limestone contacts. For details of work and sample results refer (Reference A) property at this time called "North Star".

2) The ground lapsed for some time and was restaked in 1968 and



ENARG I GROUP  
BARRIERE LAKE AREA

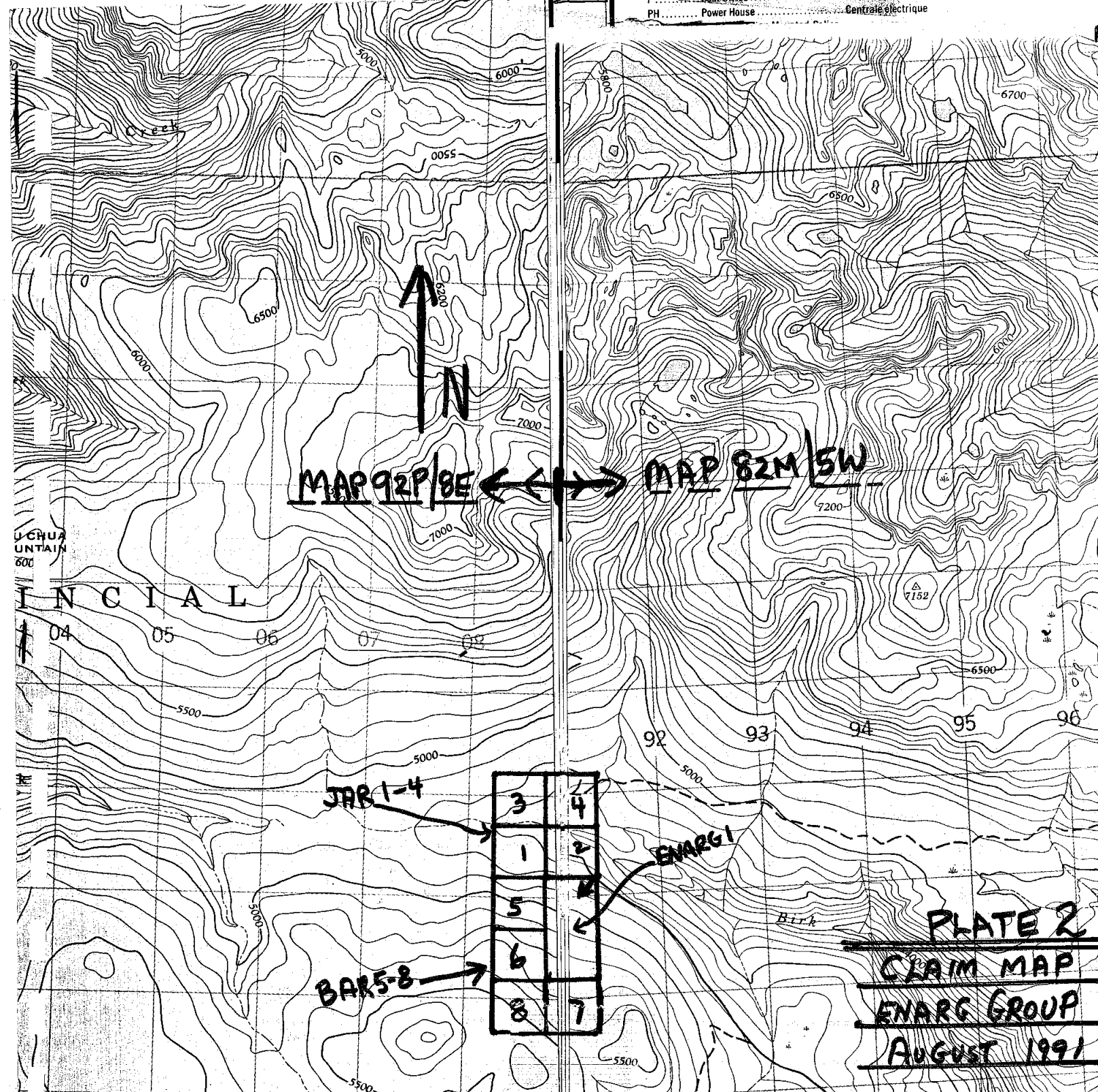


KAMLOOPS MINING DIVISION  
BRITISH COLUMBIA

**PLATE I**  
LOCATION MAP

Fig. 1





MAP 92P/8E ← → MAP 82M/5W



U CHUA MOUNTAIN  
600  
I N C I A L

04 05 06 07 08 09

JAR 1-4

BAR 5-8



ENARG 1

PLATE 2  
CLAIM MAP  
ENARG GROUP  
AUGUST 1991

put into a Company called Kam Creed Mines Ltd. in 1972 (Reference F). Kam Creed Mines Ltd. did some surface exploration, bulldozer trenches, geophysical and geochemical surveys and some diamond drilling (1969-1985). In 1972, Kam Creed Mines Ltd. shipped a 5 ton bulk sample to Cominco's smelter in Trail which yielded the following results:

Au .016 oz./ton, Ag 20.65 oz./ton, Pb 27.4%, Zn 13.3% and  
Cu. .25%

Sampling by Government geologists and others have yielded similar results. The ore was shipped from an adit which I have located on "The map of drill hole locations" (See Table of Contents). The best mineralized sections from selected assays of the core ran 3 feet (1 metre) of .229 oz./ton Au and another section ran .160 oz./ton Au over 5 feet (1.5 metres). Highlights of the programmes from 1968 up to July 1989 when the property lapsed are:

a) Property report dated November 27, 1979 by C.T. Pasioka (P.Eng.) It would appear this report was done for use as a vehicle for Kam Creed Mines Ltd. to approach listing on the V.S.E. Recommendations were for 3 short diamond drill holes to confirm the vein continuity with a view to shipping a few tons of ore to Trail for smelting. This was to be done while a geophysical and geochemical survey was in progress. (Reference B).

b) A report on the electromagnetic and geochemical surveys on the Energite claims by C.T. Pasioka (P. Eng.) dated May 26, 1983. The geophysics (EM survey) delineated a steeply oriented conductor striking northeast for some 6,000 feet (1,800 metres) across the property. The geochemical survey indicated several anomolous, areas with orientations that may in time be correlated with the EM conductor axis (Reference C).

c) A report on the diamond drilling program on the Energite claims by C.T. Pasioka (P. Eng.) dated October 10, 1984, highlights; 2 holes drilled BC 84-1 and BC 84-2. For details of hole locations, depth, angle see: "Map of drill hole locations." Significant assays from selected core ran .16 oz./ton Au (331.2 - 332 feet), .407 oz./ton Au (332-333 feet), 5 feet of .16 oz./ton Au (342 to 347 feet) all in hole BC 84-1. Hole 84-2 collared from the same location in an attempt to intersect and sample at depth, massive quartz veins observed on surface to the north, did not hit the quartz veins. This suggests the hole terminated short of its target or the quartz veins changed in dip at depth. Recommended this hole be deepened. This was never done to my knowledge. (Reference D).

d) Diamond drill report on the Energite claims (an update) by D.G. Cardinal (P.Eng.) dated November 12, 1984 - three (3) diamond drill holes were completed and reported, namely; BC 84-3, 84-4 and 84-5. Selected core assays and drill log included in this report. Basically, from the results, I see two assays of interest. Hole 84-3 (65 feet - 68 feet) .058 oz./ton Au and hole No. 84-5 (40 feet - 42 feet) .017 oz./ton Au. (Reference E)

e) Property evaluation and summary report on the Energite claim group by D.G. Cardinal (P.Eng.) dated June 30, 1985. Basically a replay of all the previous reports. Highlights: "Quote from Cardinal". Only a small portion of the coincidental geochemical - geophysical anomalies were tested. The writer believes that most of the drilling was conducted with little or no attempt to understand or get control of the bedrock geology and its structural control. At the time of the writer's visit to the property, drilling had been completed without any expert on-site person, ie. (Geologist/Engineer). Some of the drill holes were apparently "spotted" over the phone by the person formerly in charge. Cardinal recommends a two stage program which

would include geological and geochemical surveys followed by stripping, trenching and drilling (Reference F). I must say, that my research of data from the previous reports has not impressed me. The maps I obtained on the geophysical and geochemical surveys conflict as to the grid location and the north direction as shown on them. Also, finding no maps of the drill hole locations except one on a scale of 1/2 inch = 1 mile on (Reference E) which is of no value. Also, the claim block as shown on all reports is incorrect. A search for the old posts show the centre of the claim block to be about 2 km. to the west of where it is shown on the previous reports. I found some of the posts which have been witnessed and verified by Howard Turner (Claims Inspector).

**Note:** Re: above property reports and results prior to 1968, property known as "North Star". After 1968 (2 posts varying in number, but in general approximately 40 of them) referred to as "Energite Group". Elevations vary from 1,060 to 1,500 metres.

**5.0 SUMMARY OF WORK PERFORMED DURING 1990-1991 SEASON:**

The writer of this report took samples from various locations of high grade showings (particularly in the area of the adit where the shelter shipment was made). As the assays confirmed values documented in previous reports, I have not included them in this report nor have I claimed assessment credit for such. In the Enarg 1 mineral claim and on the access road that reaches and extends over an unnamed creek, there is an old abandoned trailer crushed by a huge tree which apparently came down in a wind

storm. Boxes of unsplit and unassayed core were found to be in the debris. Andy Babiy of Kamloops, BC. was viewing properties for acquisition at the time for one of his companies. Upon reviewing previous reports and assays on the property and showing some interest, we visited the property for an inspection in late August, 1990. If a reasonable gold assay could be achieved over a mining width (6'-8') it was agreed the property could be optioned. Mr. Babiy agreed to pay for the assay costs. I dug out the boxes of core, hauled out the core to Kamloops where it was examined, split, bagged and referenced for assaying. It was taken to Kamloops Research and Assay Laboratory where fire assays for Au were done. Results produced in ounces per ton. The assay results were received in October, 1990. Just prior to the expiry of the claims (approximately end of July 1991) I found that there was no map available on the drill hole locations except one on a 1/2 inch = 1 mile scale which of course is of no value to anyone. So, on August 2, 1991, I went back to the property located the drill holes mapped them in, tied them in to an ID post on the Enarg 1 claim and mapped in the road, creek, adit of interest, etc. Hole 84-4 A which I assayed core from, was never mentioned in any of the reports. It was only a 50 foot hole. Hole 84-5 was marked 84-6 on the core boxes but it fits the log description and is the same depth as 84-5 is reported to be. So I think the core boxes were marked incorrectly as there was no hole 84-6. 84-4A location could not be found but I believe it to be near the adit from where high grade ore was shipped to Trail. The bearing and dip was not reported on in regards to holes No. 84-3, 84-5. I found the casing of hole 84-3 and 84-4 and took the bearing and dip off them. Hole 84-5 had only an old broken platform so I was not able to obtain bearing and dip.

**6.0      GEOLOGY:**

The property lies on the contact between the Fennel Volcanics and Eagle Bay sediments. It is approximately 8 km north west of the west tip of North Barriere Lake. A highly complex structural belt of metamorphosed sediments, volcanics and intrusives trending northwest, cover the property. On the north end of the property limestones appear on the boundary of Baldy Batholite. Rock types that I have encountered on the property are chert, cherty quartzite, graphitic and non graphitic phyllites and argillites, greenstone, limestone and Baldy Batholite. "The high grade quartz veins on the southern portion of the property occur on both sides of a schist/slate contact which strikes northwest and one major fault is indicated between the central and north end of the property showings". (from report of the Minister of Mines BC. 1934 - 1936) " It has been suggested by C.T. Pasioka (P. Eng.) that the massive diorites and granites to the north are the source of several veins outcropping on the property". "The quartz veins occur normal and discordant to the dip and strike of the metasediments" Carried in the quartz veins are blebs and knots of massive sulphides." "The original strike of the original sedimentary series is NNW, however, local variations are common". "Dips vary from 50 degrees to northeast to vertical" (Reference C) The geology ties well into "Preliminary Map No. 56 - Geology of the Adams Plateau-Clearwater area - P. Schiarizza and V.A. Petro, 1984".

**7.0 RESULTS:**

The results for Au were disappointing in general. Assay No. 74007 was the best. That was from hole # BC 84-1 over a length of 16 feet (4.8 metres) (326 feet - 342 feet) (99 metres to 104 metres) which ran .014 oz./ton Au. That may be the result I expect of C.T. Pasieka's assay (Reference D) in which his selected assays of .166 oz./ton Au (from 331 feet) and .407 oz./ton (from 332-333 feet) were recorded. It has confirmed to me that the silicious, sulphided sections of the drill core, while apparently looking very juicy, do not produce ore grade assays except where actual mineralized quartz veins are present.

**8.0 CONCLUSIONS AND RECOMMENDATIONS:**

It appears that the only sensible approach would be the one recommended by Dan Cardinal (Reference F) That is, to tie in the untested parts of the geophysical conductor to the soil anomalies and carry out geological mapping on these areas where possible. Follow up with trenching and drilling. Hole 84-2 should be drilled deeper as it did not hit its projected target (Reference D). It should be noted that only a very small portion of a 1,800 meter long geophysical conductor and soil anomalies has been tested.

STATEMENT OF COSTS

2 man days - (L. Ovington) - dig out core from collapsed trailer, organize, relabel and cap boxes, haul to Kamloops from Birk Creek and store. September 9, 10, 1990 (2 x \$150.00).....\$ 300.00

1 man day - (L. Ovington) - analyze, split, record and bag for assay. September 20, 1990.....\$ 150.00

Assays - Kamloops Research & Assay, Au Fire  
Assays - October, 1990 (Andy Babiy).....\$ 276.00

1 man day - (L. Ovington) search out old drill holes and map in along with main adit and area  
August 2, 1991 .....\$ 150.00

Rental (4 x 4) - September 9, 10, 1990 and  
August 2, 1991 (3 x \$75/00).....\$ 225.00

Gas, meals and supplies.....\$ 150.00

1 man day - (L. Ovington) - Report compilation  
and research.....\$ 150.00

Photocopies, typing and binding (est.).....\$ 50.00

\_\_\_\_\_

Sub-total..... \$1,451.00

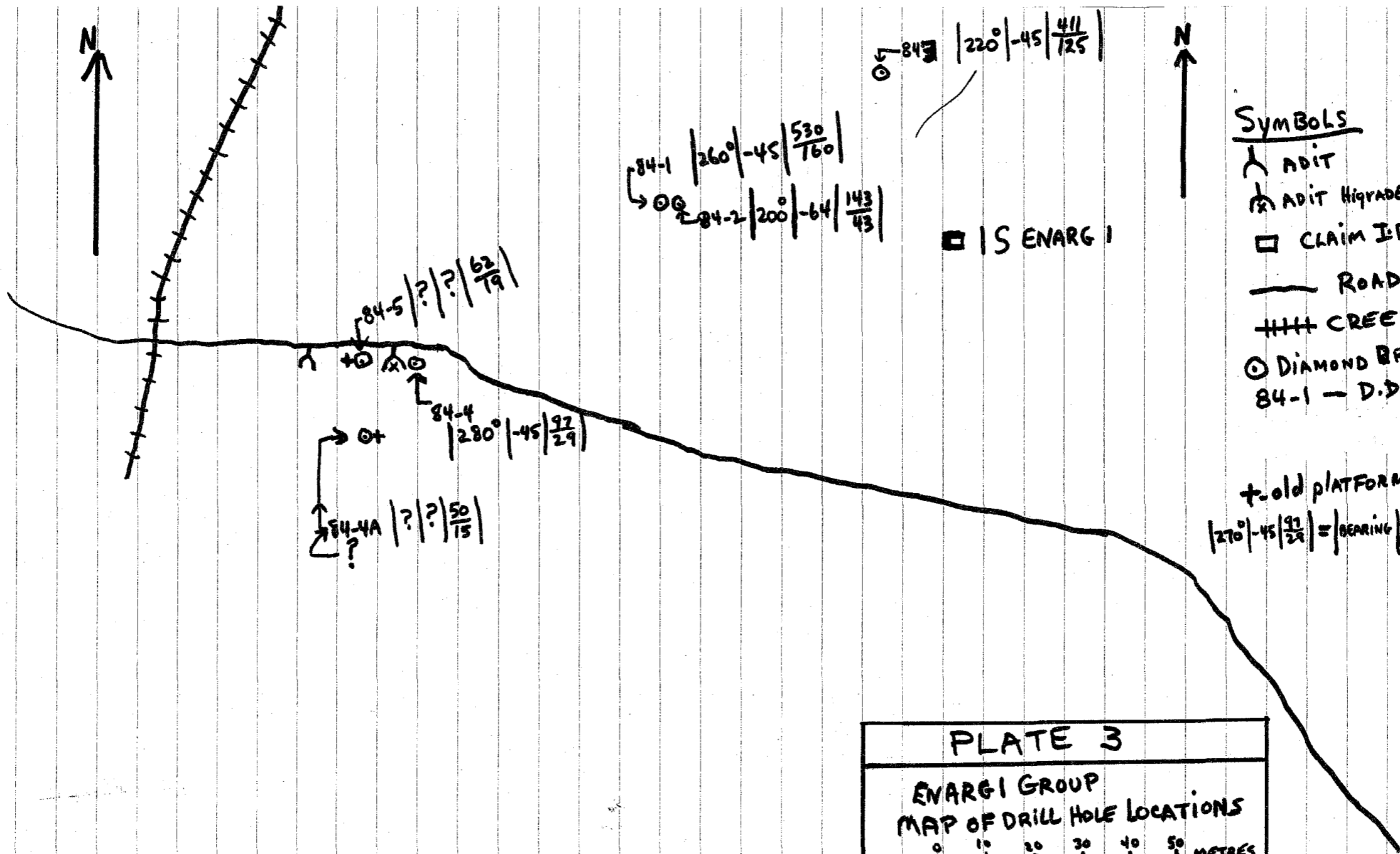
15% Contingencies.....\$ 217.65

\_\_\_\_\_

TOTAL COSTS.....\$1,668.65

=====





84-1 | 260° | -45 | 530/160 |  
 84-2 | 200° | -64 | 143/43 |

84-3 | 220° | -45 | 411/125 |

ENARG I

84-5 | ? | ? | 62/19 |

84-4 | 280° | -45 | 92/29 |

84-4A | ? | ? | 50/15 |

- SYMBOLS**
- ⋈ ADIT
  - ⋈ ADIT HIGHGRADE SHIPMENT
  - CLAIM I.D. POST No.
  - ROAD
  - +++ CREEK
  - DIAMOND DRILL HOLE  
84-1 - D.D.H. No.

+ old PLATFORM ONLY.  
 | 270° | -45 | 91/29 | = | BEARING | DIP | FEET / METRES |

PLATE 3		
ENARG I GROUP MAP OF DRILL HOLE LOCATIONS		
LOVINGTON	SCALE 1:1000	AUGUST 1991

**KAMLOOPS  
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**B.C. CERTIFIED ASSAYERS**

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.  
V2C 5P5  
PHONE: (604) 372-2784 — FAX: (604) 372-1112

Mr. Andy Babiy  
1065 Singh St.,  
Kamloops, B.C.  
V2B 5E3

INVOICE: 90-0304  
DATE: Oct. 5, 1990  
FILE No. K 10266

Project: North Barriere Lake Property (ENARG 1)

23 Sample preparation	@ \$ 4.00	\$ 92.00
23 Gold Assays	@ 8.00	<u>184.00</u>
		<u>\$ 276.00</u>

A SERVICE CHARGE OF 2% (\$1.00 min.) PER MONTH, 24% PER ANNUM, WILL BE CHARGED ON STATEMENT BALANCES CARRIED FORWARD FROM PREVIOUS MONTH.

THIS IS AN ACCOUNT FOR PROFESSIONAL SERVICES AND IS DUE ON PRESENTATION.

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912-1 LAVAL CRESCENT, KAMLOOPS, B.C. V2C 5P5 PHONE (604) 372-2784 FAX 372-1112

**\*\* ASSAY CERTIFICATE \*\***



To: Mr. Larry Ovington  
1559 Mt. Dufferin Dr.,  
Kamloops, B.C.  
V2E 1A3


Number 10266

Date: October 5, 1990

Proj.:

Attn:

No.	Description	Au ozs/ton
1	74001	<.001
2	74002	<.001
3	74003	<.001
4	74004	<.001
5	74005	<.001
6	74006	<.001
7	74007	.014
8	74008	<.001
9	74009	<.001
10	74010	<.001
11	74011	.003
12	74012	<.001
13	74013	<.001
14	74014	<.001
15	74015	<.001
16	74016	<.001
17	74017	<.001
18	74018	<.001
19	74019	.001
20	74020	<.001
21	74021	<.001
22	74022	<.001
23	74023	<.001

  
-----  
B.C. Certified Assayer

**ASSAY RESULTS AND DATA**

<u>ASSAY NO:</u>	<u>HOLE NO:</u>	<u>FOOTAGE:</u>	<u>DESCRIPTION:</u>
74001	84-1	0-40	) Breccia, Silicious Siltstone set ) in matrix of grey to black.
74002	"	40-111	) Carbonaceous shale or argillite, ) somewhat graphitic.
74003	"	111-154	) Convolute shearing at 30 degrees ) to 60 degrees to core axis. Vary-
74004	"	155-214	) degrees of sulphides (pyrite) some ) disseminated and some large cubes
74005	"	214-266	) Quartz vein with pyrite at 319- ) to 320 feet, and 325 to 331 feet.
74006	"	266-326	) Description basically covers samples ) 74001 - 74009.
74007	"	326-342	) )
74008	"	342-356	) )
74009	"	356-467	) ----- )
74010	"	467-530	) Silicified tuff-moderately ) chloritized. Minor quartz ) fractures, little sulphide.
74011	84-2	12-78	) Brecciated silicious, siltstone in ) a carbonaceous shale, pyrite ) throughout.
74012	"	78-143	) Black carbonaceous shale, ) frequent clusters of pyrite.
74013	84-3	5-78	) Dark grey argillite, rounded ) white felsic fragments, graphite, ) disseminated pyrite.

74014	"	78-136)	Dark grey graphitic argillite, ) slickensides/shears, pyritic gouge
74015	"	136-182)	Medium to dark grey argillite, ) graphitic silicious shears, ) blebs of pyrite.
74016	"	182-217)	Massive grey limestone, minor ) pyrite.
74017	"	217-250)	Medium to dark grey argillite, ) rounded granite fragments, blebs ) of pyrite.
74018	"	250-364)	Dark argillite conglomerate ) argillite, blebs of pyrite.
74019	"	364-411)	Dark grey argillite, graphitic- ) pyrite disseminated.
74020	84-4	8-67	) Felsic fragments in graphitic ) argillite - lots of pyrite.
74021	"	67-97	) Light & dark grey conglomerate ) argillite, some green felsic por- ) phyr, pyrite.
74022	84-4A	1-50	) Rusty, breccia argillite, fine ) pyrite.
74023	84-5	6-62	) Grey graphitic argillite, pyrite, ) minor quartz veinlets.

**NOTE:** Hole 84-A was never disclosed in any report. I believe it is near the tunnel where the high grade ( 5 ton ) shipment of ore was taken from.

**SEE:** "Map of Drill hole locations" for my estimate of approximate location (84-4A). Old Platform found.

## STATEMENT OF QUALIFICATIONS

I, Larry Ovington, of the City of Kamloops, Province of British Columbia, hereby state that:

1. I am a prospector and earn my living from the exploration and optioning of Mining Properties;
2. I have worked on various Mining Properties from 1958 to present both for myself and for other Mining Companies;
3. I have optioned at least 15 properties to Junior and Major Mining Companies;
4. I have worked on large exploration programmes for Dr. Norman Keevil, Sherwin Kelly, P. Eng., Bill Pentland, (Craigmont) and Morris Mathieu (Torwest Resources);
5. I am the sole owner and President of Whopper Holdings Ltd., a B.C. Incorporated Company engaged in mineral exploration;
6. I was the Vice-President of Iota Explorations Ltd., a Company exploring for precious metals in British Columbia from September 1986 to March 1990 when the Company was sold;
7. This report is based on work done by myself in the 1990/1991 season. The work was done to comply with assessment requirements and to enhance the sale of the property;
8. I am 50% owner of the Enarg Group of Claims.

  
\_\_\_\_\_  
LARRY OVINGTON

August 3, 1991