

83-#381-11794
8/84

1983 GEOCHEMICAL REPORT

ONSEN CLAIM

NEW WESTMINSTER M. D.

NTS 92 G 16

Lat. 49 57 N

Long. 122 25 W

Owner: Indian Gold Resources Ltd.

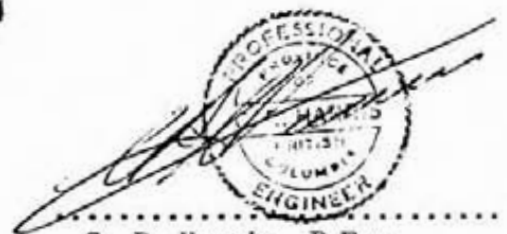
Operator: Indian Gold Resources Ltd.

Consultant: C. R. Harris, P.Eng.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,794

Prepared By:



C. R. Harris, P.Eng.

July 19, 1983

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Figure 1. Onsen Claim Location

2. Onsen Claim, SW Corner

Appendix I Geochemical Sample Assays.

INTRODUCTION

During the period June 1 - 13 the Onsen Claim was visited by Mr. S. Butler, B.Sc.(Geol) and assistants and several soil geochemical sample traverses were made over the southwest portion of the claim.

This report summarizes the sample results obtained and observations made during the field investigation by Mr. Butler under the general direction of the writer.

PROPERTY, LOCATION, ACCESS

The Onsen Claim consists of 20 units presently owned by Indian Gold Resources Ltd, 201 - 744 West Hastings St., Vancouver, B. C.

The claim is located along the east side of Lillooet River about 30 kilometers northwest of Harrison Lake and immediately north of Skookumchuck Indian Reserve #4 covering a steep mountainside with elevations from 500' in Lillooet River to 4800' on a ridge to the east.

Access is by improved road along Lillooet River. There are no established roads or trails on the claim and foot travel is extremely difficult through heavy underbrush and steep rocky slopes. Figure 1 shows the claim location.

HISTORY

There is no recorded history of prospecting or mineral occurrences on the claim area.

ECONOMIC ASSESSMENT

The work to date has shown no indication of mineralization on the southwest portion of the claim. However, only a small area of the Fire Laker Formation and the contact with Intrusive rocks has been traversed

therefore the area cannot be dismissed particularly as the Fire Lake formation is known to form the host rock for several gold-quartz occurrences to the south and west of the claim.

GEOLOGY

The predominant geological feature on the claim is the contact between Fire Lake formation and Intrusive rocks trending NW-SE as shown on Figure 2. The contact is not well defined and shearing indicates it may be a fault. In the area traversed, the Fire Lake formation consists of metamorphosed sediments of varying composition and texture. Greenstone, argillites, schists and rhyolite were encountered during traversing but no attempt was made to map.

SUMMARY OF WORK

Three separate geochemical soil sampling traverses were made over the southwest corner of the claim as shown on figure 2. A total of 40 soil samples were taken from the B soil horizon and 2 silt samples taken from a small creek.

With the exception of one sample, LR-1, taken near Lillooet River, none of the samples showed anomolous gold values nor were the silver or arsenic contents more than background except for isolated locations such as LR-25. Appendix I tabulates the sample results.

In addition to the geochemical sampling traverses, a number of other traverses were made over areas where soils were either nonexistent or too poorly developed for sampling. Nothing of economic interest was found although very light pyritization was noted in a few areas as were occasional narrow, discontinuous quartz stringers. For the most part these appear to be associated with shearing near the Intrusive contact.

DISCUSSION

The geochemical soil sampling showed no indication of gold or silver mineralization in the areas traversed.

However, only a small portion of the Fire Lake formation underlying the Onsen claim has been visited and additional traverses and sampling will be required to properly assess the claim area for possible gold occurrences.

REFERENCES

- Roddick, J.A., Vancouver North, Coquitlam and Pitt Lake Map Areas.,
G.S.C.Mem. #335, 1965.
- Monger, J.W.H., Hope Map Area, West Half.,
G.S.C.Paper 69-47, 1970

COST STATEMENT

Costs for the program were as follows:

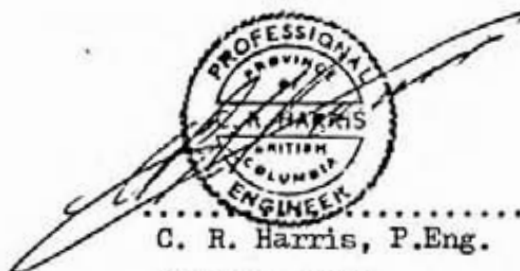
Labor. Geologist, 13 da. @ \$ 150.00	\$ 1,950.00
Helper, 13 da. @ \$ 100.00	1,300.00
Support. Camp costs, 26 man da. @ \$ 20/mad da. ..	520.00
Transportation, Truck 13 da. @ 35.00/da.	455.00
Assays, 42 @ 9.00	378.00
Preparation of Report	200.00
	<hr/>
Total	\$ 4,803.00

The total costs were considerably greater than stated but the above figures are considered to accurately represent the portion attributable to the geochemical sampling program.

CERTIFICATE

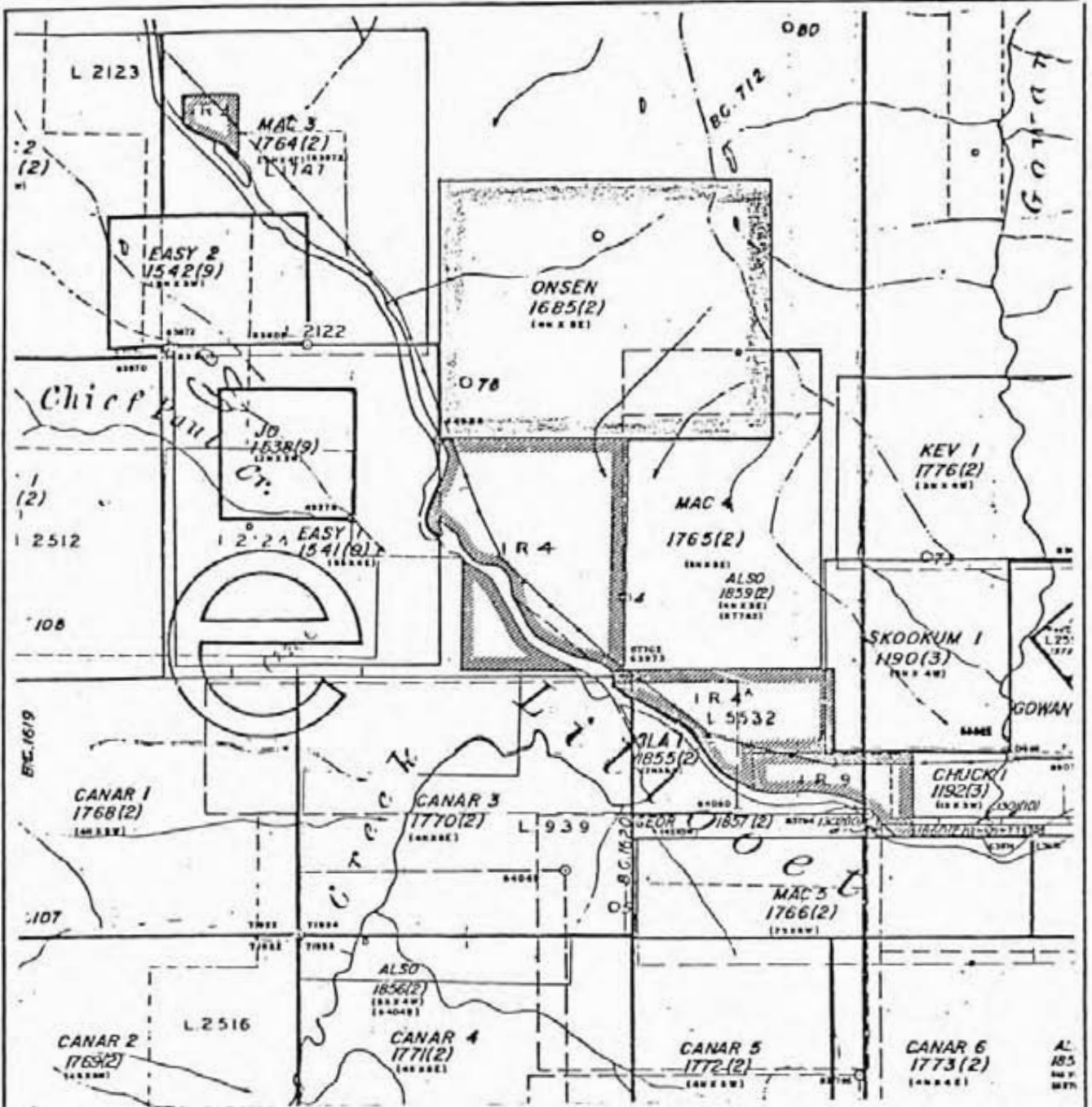
I, Charles R. Harris, of 2709 Wembley Drive, North Vancouver, B. C.,
hereby certify that:

1. I am a graduate of the University of British Columbia with a
degree of Bachelor of Applied Science in Mining Engineering.
2. I am a registered member, in good standing, of the Association
of Professional Engineers of B. C.
3. I have been practicing my profession continuously for the
past eighteen years.

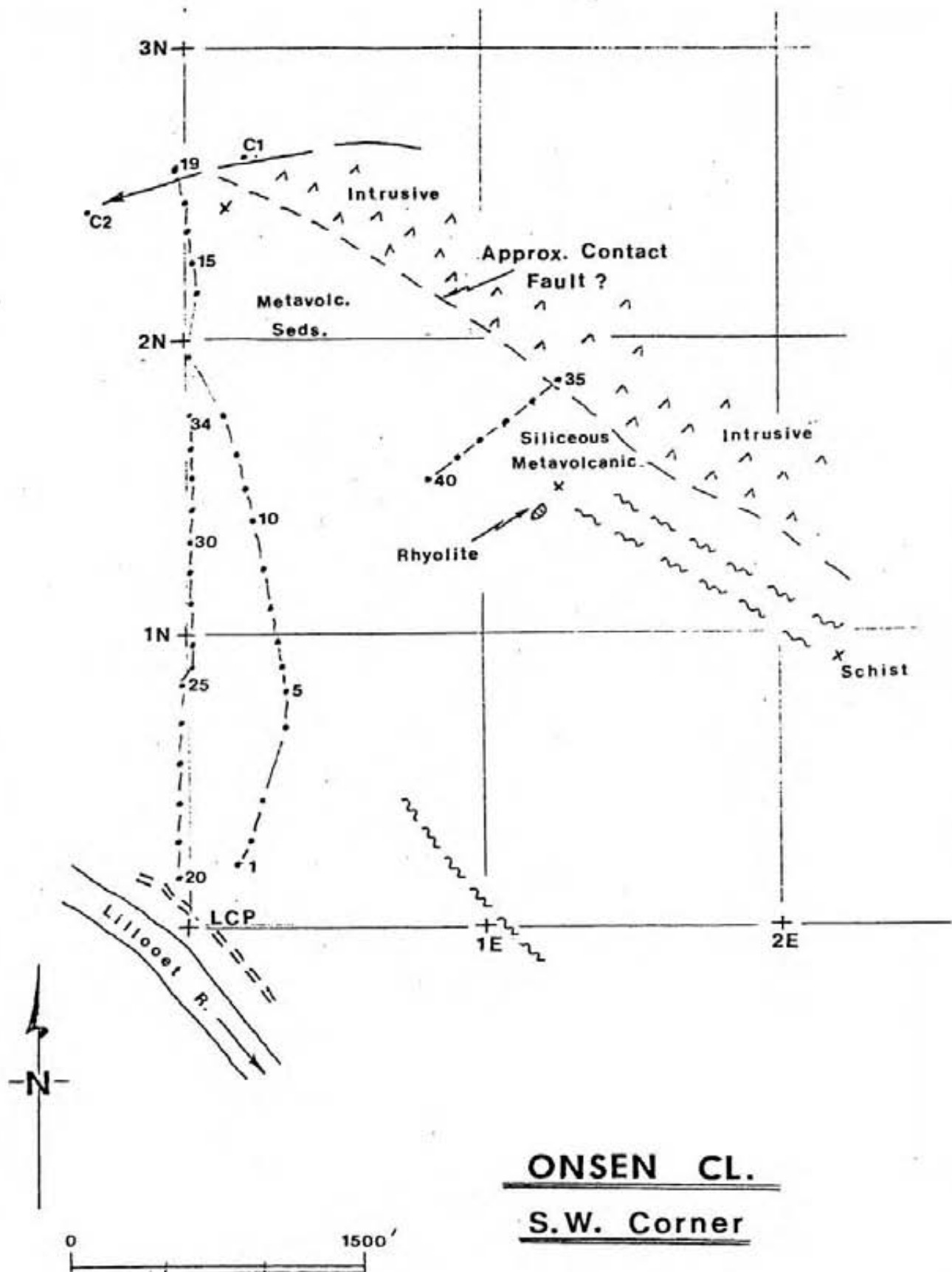


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C. R. Harris, P.Eng.

July 19, 1983



ONSEN CLAIM
Lillooet River, B.C.



Sampling & mapping by S. Butler, B.Sc. June 1983

C.A.H. July/83

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR.
 THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
 THIS LEACH IS PARTIAL FOR: Ca, P, Mg, Al, Ti, La, Na, K, W, Ba, Si, Sr, Cr AND B. Au DETECTION 3 ppb.
 AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.
 SAMPLE TYPE - SOIL

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

INDIAN GOLD RESOURCES FILE # 83-0785 PAGE# 1

SAMPLE	AG ppm	AS ppm	Au* ppb
LR-1	.2	2	55
LR-2	.1	2	55
LR-3	.1	2	55
LR-4	.1	4	55
LR-5	.1	2	55
LR-6	.1	2	55
LR-7	.1	2	55
LR-8	.2	7	55
LR-9	.1	2	55
LR-10	.1	9	55
LR-11	.1	17	55
LR-12	.1	5	55
LR-13	.1	3	55
LR-14	.2	7	55
LR-15	.1	2	55
LR-16	.1	2	55
LR-17	.1	2	55
LR-18	.1	3	55
LR-19	.1	2	55
LR-20	.1	8	55
LR-21	.1	2	55
LR-22	.1	2	55
LR-23	.1	2	55
LR-24	.1	5	55
LR-25	.4	33	55
LR-26	.2	4	55
LR-27	.1	5	55
LR-28	.1	2	55
LR-29	.1	2	55
LR-30	.1	2	55
LR-31	.1	2	55
LR-32	.1	10	55
LR-33	.1	4	55
LR-34	.1	5	55
LR-35	.1	2	55
LR-36	.1	2	55
LR-37	.1	2	55
STD A-1	.3	8	55

INDIAN GOLD RESOURCES

FILE # 83-0785

PAGE# 2

SAMPLE	AG ppm	AS ppm	Au* ppb
LR-38	.1	11	5
LR-39	.1	2	5
LR-40	.2	12	5
LR-C1	.1	2	5
LR-C2	.1	2	5
STD A-1	.3	7	5

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ONSEN MINERAL CLAIM

AMENDMENTS

1. Figure 3 - Map showing results attached.

2. GEOCHEMICAL SAMPLING METHODS:

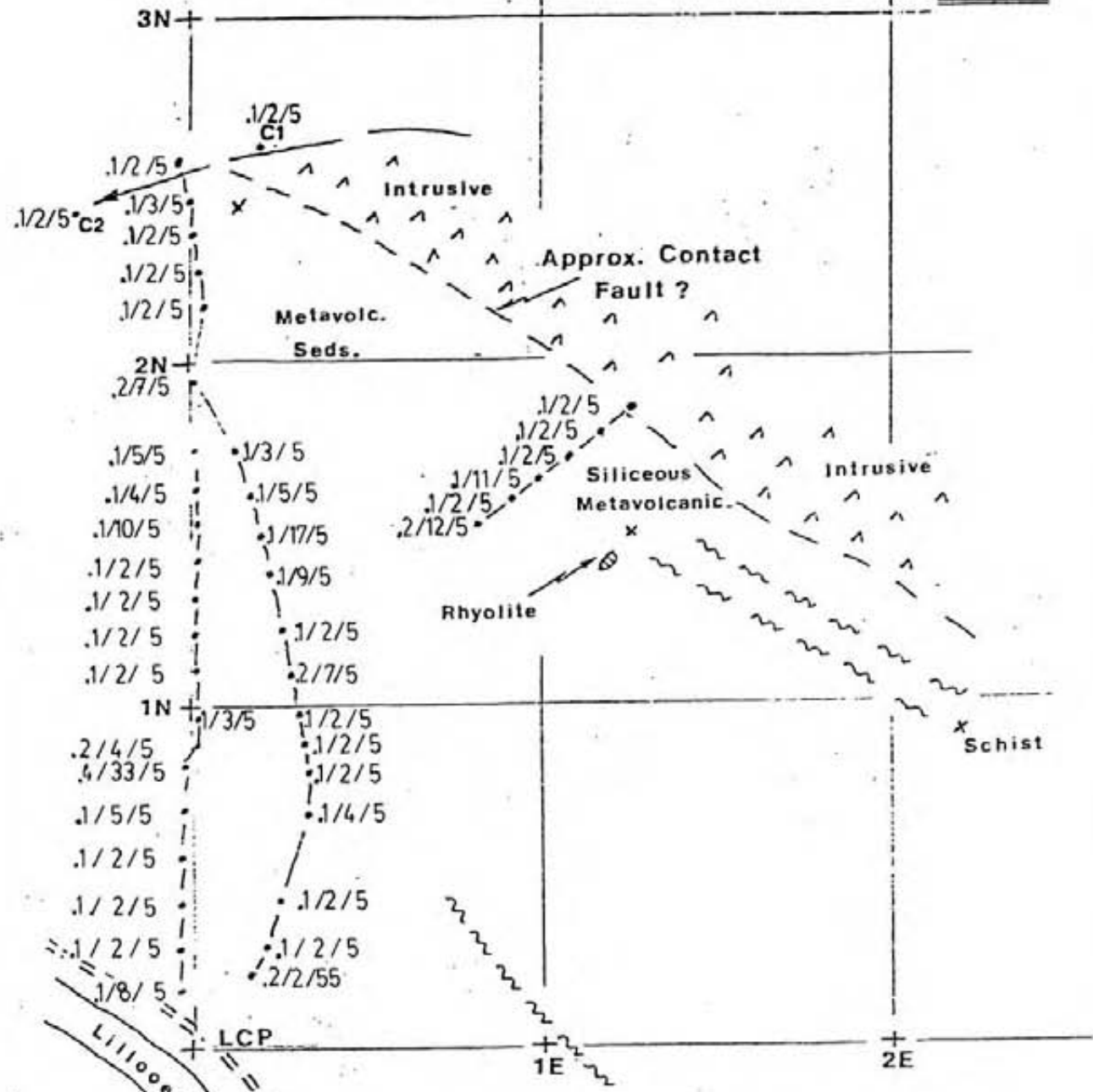
A total of 40 soil and 2 silt samples were collected. The samples were collected using a mattock and were taken at depths of 5 to 20 centimeters from the "B" soil horizon. The silt samples were collected in the creek and included silt and sand. These samples were put in kraft paper envelopes and sent to the Analytical Laboratory.

3. NAME OF LABORATORY AND METHOD OF ANALYSIS:

Samples were sent to Acme Analytical Laboratories Ltd., Vancouver, B.C., per reports as indicated in Appendix 1 1/2 and 2/2.

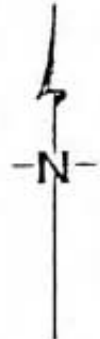
The samples were dried at 60^o C and sieved to -80 mesh. A 0.500 gram sample was digested in 3 milliliters of dilute aqua regia (3:1:3 HCL to HNO₃ to H₂O) at 90^o C for 1 hour. The sample is diluted to 10 milliliters with H₂O. The Ag and As are analysed by inductively coupled argon plasm (I.C.P.). Au was analysed with a 10.0 gram sample having been ignited at 600^o C overnight and digested in hot dilute aqua regia. The clear solution obtained is extracted with methyl isobutyl ketone (M.I.B.K.). The Au is determined in the M.I.B.K. solution using atomic absorption and making a background correction.

FIGURE 3



GEOCHEMICAL VALUES
 • .1/8/5 Au ppb
 .8 As ppm
 Ag ppm

ONSEN CL.
S.W. Corner



Sampling & mapping by S. Butler, B.Sc. June 1983

C.R.H. July/83