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GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORTS
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PROSPECTING REPORT

1996

MP CLAIM GROUP

FILMED

STUMP LAKE AREA, B.C.

NICOLA MINING DIVISION

NTS 92 18W
(50° 20' N 120° 25' W)

for

J. H. Randa
West Vancouver, B.C.

by

FILMED

J. H. Randa

May 1996

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

24,443

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FIGURES

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LOCATION MAP

STUMP LAKE AREA, B.C.

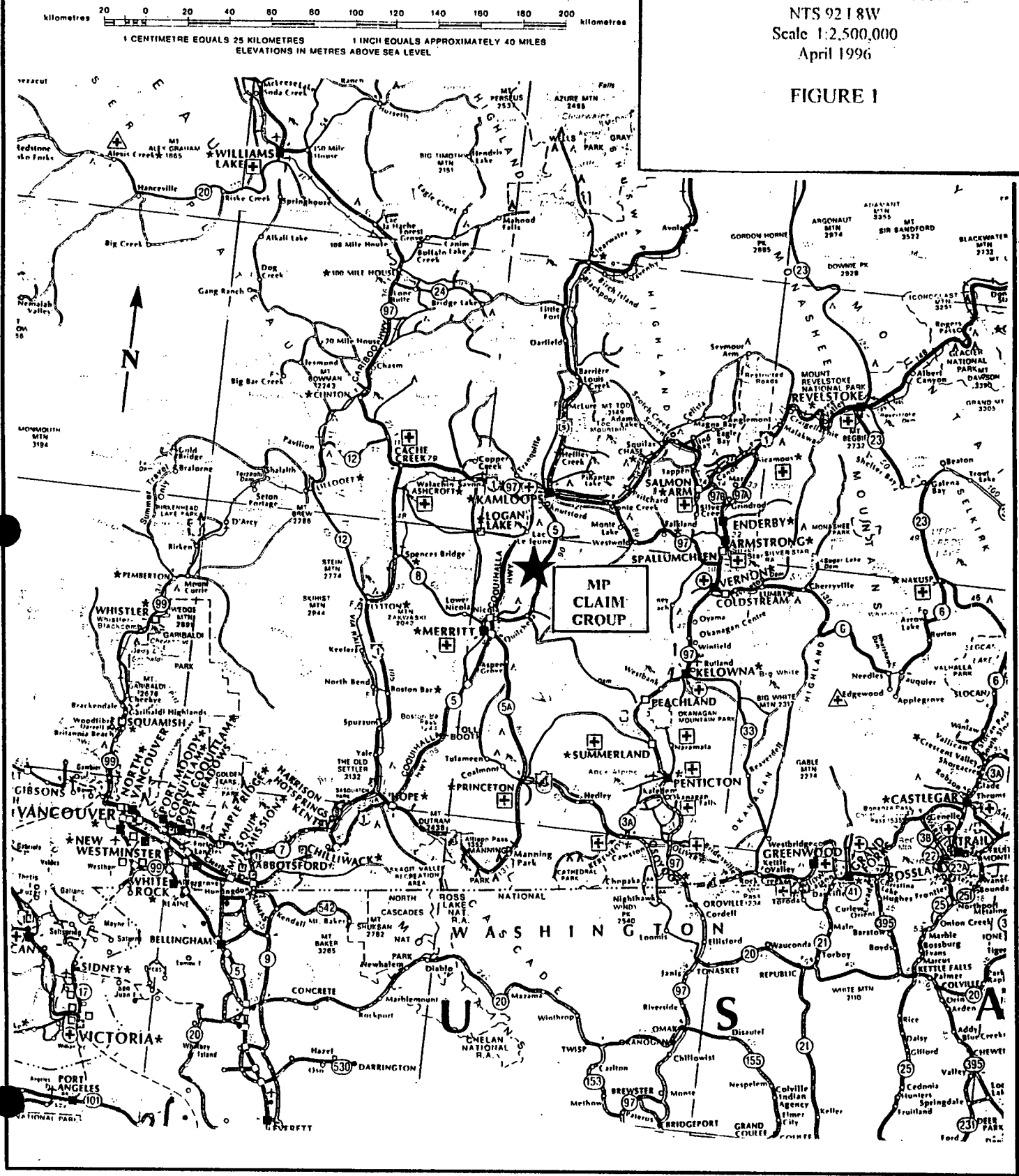
NICOLA MINING DIVISION

NTS 92 18W

Scale 1:2,500,000

April 1996

FIGURE 1



1.0 SUMMARY

The MP Mineral Claim Group (24 units) lies in the Nicola Mining Division, in and west of Stump Lake and immediately adjacent to the former Enterprise Vein System and Planet mine workings.

Access to the property is gained via Highway 5A, 40 km north-east of Merritt, British Columbia. The claims were staked in April and May 1995 by and for J.H. Randa. The MP Claim Group covers the forfeited TIC-TAC, N1 and N2 Claims held by Seymour Resources Inc. (1979-1995). Focus of the work performed by Seymour Resources (1979-1983) was to explore an east-west trending (1000 x 200 m) highly altered, oxidized quartz-carbonate mariposite shear zone, exhibiting weak AG, Au and Cu mineralization in the form of tetrahedrite, azurite and chalcopyrite.

Focus of the April 1996 prospecting program, carried out by Randa on the MP Claim Group, was to explore the claim group on the western limits, to carefully inspect the drainages to the east and on-strike with the main quartz-carbonate zone and to evaluate and/or validate the cause of a persistent silver and copper in soils anomaly (as outlined in 1979) which is in or on the southern flank of the oxidized, quartz-carbonate mariposite zone. The western limits prospecting found little rock exposure but for outcrops of green Nicola volcanics (andesite) on the north boundary of MP #3 and MP #1. An outcrop of lightly oxidized tuffaceous quartz-carbonate was found and mapped in a dry creek bed north and east of the main zone. A serpentinite exposure was located in two adjoining drainages 150 metres north-east of the former exposure. Bedrock was located under an overturned root in one location within the silver, copper in soils anomaly. This highly sheared and altered material is composed of a 60 cm wide quartz vein in contact with tuff breccias, interspersed with multi-directional quartz veinlets. A lens of listwanite was also noted; its width could not be ascertained. Grub samples of quartz vein material and a composite sample of tuff breccia and listwanite were taken for analysis. Sample results were as follows: 155 and 65 ppb Au, 5.4 and 9.8 ppm Ag, 285 and 417 ppm Cu, 1330 and 3460 ppm Ba, 1055 and 1050 ppm Mn.

Further work in the form of hand and/or mechanized trenching along the strike of the flanking silver, copper anomaly will be required in 1996.

2.0 INTRODUCTION

This report covers work done in the form of prospecting on the MP and MP #1-#4 (incl.) mineral claims from April 12 to April 17, 1996. The one-man prospecting program was carried out with use of the prospector-claim owners's camper van which supplied transportation to and from the claims and accommodation at a campsite on the east side of Stump Lake, a seven kilometer drive.

2.1 LOCATION, ACCESS, PHYSIOGRAPHY

The MP Claim Group (24 units) is located 40 km north-east of Merritt, British Columbia. The claims are situated in and to the west of the south end of Stup Lake. Access to the property is via Highway 5A, which runs north and south through the MP Claim, approximately 500 meters from the east boundary. A ranch road (locked and grated) also exists. This road runs (north-south) midway through the MP Claim. Permission for its use required from the Frolek ~~Cattle~~ Co. of Kamloops, B.C. A gas pipeline cuts northeast-southwest through the MP #3 and #4 claims and an electric power line runs through the MP claim, parallel to Highway 5A.

The MP Claim covers rolling grasslands to the west from Stump Lake to approximately 1500 metres from the east boundary. The remainder of the property to the west is timbered, with some evidence of past selective logging operations. Elevations rise from 757 metres at Stump Lake to 1067 metres at the west boundary of the MP Claim.

2.2 PROPERTY DEFINITIONS

The MP and MP #1, 2, 3 and 4 claims are located in the Nicola Mining Division, Province of British Columbia, NTS 92 I 8W Fig. 2. J.H. Randa is the recorded owner and operator of the MP and MP #1, 2, 3 and 4 claims.

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Date of Record</u>
MP	20	335468	April 29, 1995
MP #1	1	335471	May 6, 1995
MP #2	1	335472	May 6, 1995
MP #3	1	335469	May 6, 1995
MP #4	1	335470	May 6, 1995

The MP Claims are bordered on the north by the Epic claim group held by Canquest Resource Corp.

2.3 PREVIOUS HISTORY

The assessment work files indicate that recorded exploration program (assessment work) were conducted as follows:

- 1972: B.C. Assessment Report No. 4164
TL Mining Claim Group was held by Consolidated Coast Silver. Exploration was focused on the shear zone and adjacent area for Cu and Mo.
- 1979: B.C. Assessment Report No. 7393
A program entailing line-cutting, soil sampling (Geochem Cu, Ag) a magnetic survey and geological mapping was followed up by an E.M. 16 survey. A 3 hole diamond drill program was initiated, based on the E.M. survey results. Only one of the diamond drill holes was completed, the other two were abandoned due to inadequate equipment, caving and overburden penetration problems.
- 1982: B.C. Assessment Report No. 11050
A Vector Pulse E.M. survey was contracted out and completed on an expanded and re-oriented grid. Five major conductors were outlined.
- 1983: Assessment Report No. 11434
A follow-up program of geological mapping and 9 hole, 900 metre diamond drill program was initiated to test the Pulse E.M. conductors and the carbonitized zone. It suggested that the E.M. conductors associated with the carbonate zone were caused by wet serpentinite shears.

2.4 1996 PROSPECTING PROGRAM

The one-man program was carried out by the claim owner from a campsite base on Stump Lake. The author's camperized van was used as camping accommodation and for transportation. The prospecting program consisted of initially establishing an east-west compass, hip chained and flagged control line from Highway 5A to the natural gas pipeline, 2100 metres distance (sta at 100 metre intervals). Traverses over selected areas were then carried out (see figure 3).

3.0 REGIONAL GEOLOGY

The General Geology of the Stump Lake area is outlined by GSC Map 886A (Cockfield 1948).

4.0 PROPERTY GEOLOGY AND OBSERVATIONS

An outcrop of green Nicola Volcanics (andesite) was noted immediately to the east of the gas pipeline on the north boundary of the MP #3 claim, and another of the same material was noted 335 metres east of the former exposure.

On the east side of the MP Claim exposures of serpentinite were noted on two connecting drainages approximately 450 metres west of Highway 5A (see Fig. 3). Careful prospecting in the area of the 660 metre long Cu, Ag in soils anomaly turned up a 60 cm quartz vein in a strong well-developed tuffaceous, oxidized quartz carbonate shear zone in contact with a zone of what appears to be listwanite.

It has not been ascertained to date, how wide or extensive this zone is. A program of hand trenching and/or mechanized trenching will have to be undertaken to further explore and evaluate this new highly prospective structure.

5.0 REFERENCES

1. Cockfield, W.E., 1948: Stump Lake Deposits in Structural Geology of Canadian Ore Deposits, A Symposium, Canadian Institute of Mining and Metallurgy, pp. 183-186.
2. Cockfield, W.E., 1948: Geology and Mineral Deposits of Nicola Map Area, B.C., GSC Memoir 249 and GSC Map 886 (Geology Map), GSC Map 887A Mineral Map.
3. Ministry of Energy, Mines and Petroleum Resources, 1984: Minfile Mineral Occurrences in B.C.; Planet, Enterprise, King William 92 I SE 029, 3 pages.
4. 1972 B.C. Assessment Report No. 4164
5. 1979 B.C. Assessment Report No. 7393
6. 1982 B.C. Assessment Report No. 11050
7. 1983 B.C. Assessment Report No. 11434

6.0 STATEMENT OF EXPENDITURES

Labour

J.H. Randa April 12-17, 1996 6 days @ \$250.00 \$1,500.00

Report and Drafting

J.H. Randa April 18, 1996 1 day @ \$250.00 250.00

Vehicle and Accommodation

April 12-17 6 days @ \$75.00 450.00

Assaying

44.08

Report Typing and Expenses

75.00

Fuel, Groceries and Supplies

207.25

TOTAL EXPENDITURES

\$2,526.33

7.0 AUTHOR'S QUALIFICATIONS

I, J. H. RANDA, of West Vancouver, B.C. hereby certify that:

1. I reside at #106-1370 Duchess Avenue, West Vancouver, B.C. V7T 1H6;
2. I have been employed and self-employed as a Professional Prospector, Fieldman, Geophysical Operator, Contractor since 1957 in Ontario, Quebec, British Columbia, Yukon, S.W. U.S.A.

1966-70 Fieldman, U.S. Smelting, Mining and Refining Ltd.

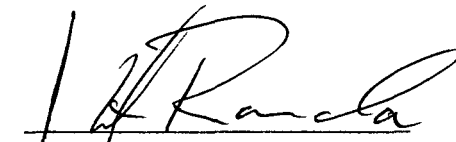
1972 Fieldman, ALRAE Engineering Ltd.

1973-78 Self-Employed Prospecting - mainly Placer

1979 Fieldman, Sawyer Consultants Inc.

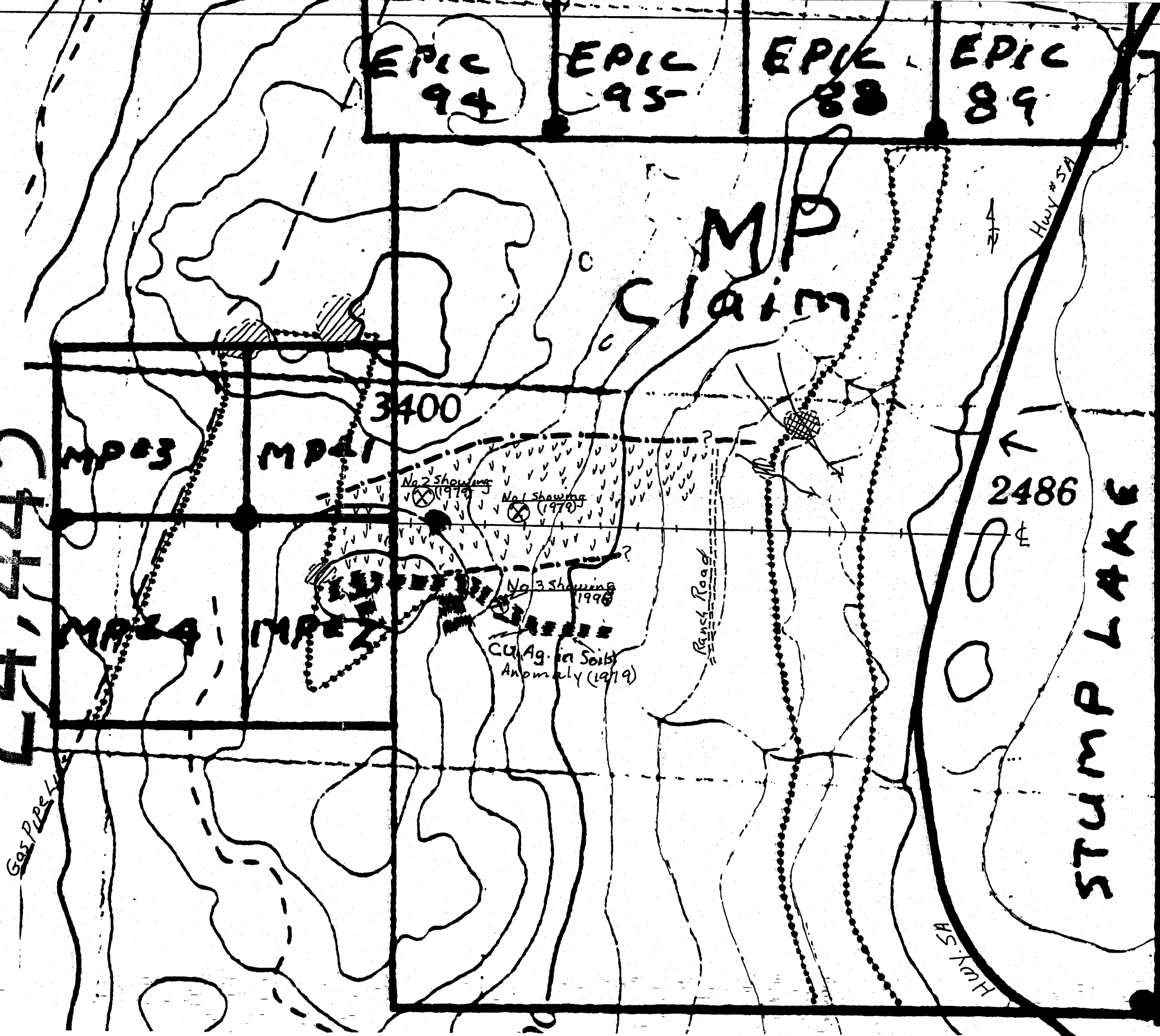
1980-82 Field Manager, Westervelt Engineering Ltd.

1983-96 Self-Employed Prospecting and Contracting to: I.M. Watson & Assoc., Westervelt Engineering Ltd., Arctex Engineering Services


J. H. RANDA

LOGIC BRANCH
ASSESSMENT REPORT

24,443



LEGEND

- Outcrop
- Altered Tuff
- Serpentinite
- Andesite
- Oxidized Quartz-carbonate Zone
- Cu, Ag. in Soils Anomaly
- Mineral Showing
- Ranch Road
- Traverse
- Control Line

PROSPECT INVESTIGATION

MP CLAIM GROUP

NICOLA MINING DIVISION, B.C.

NTS 921 8W

J. H. Randa

April 1996

Scale 1:10,000

FIGURE 3

