

DIAMOND DRILL REPORT
ON THE
MARGIE (12) Rec. No. 752

IN THE
SCHKAM LAKE AREA
NEW WESTMINSTER MINING DIV.

OF
BRITISH COLUMBIA
FOR

OWNER/OPERATOR: E. AMENDOLAGINE

DURING PERIOD OF
9TH TO 17TH OF DECEMBER, 1985

^{24.5'}
49° ~~25'~~ N. LATITUDE
121° 26' W. LONGITUDE
N.T.S. 92H/6W

MINISTRY OF ENERGY, MINES
AND PETROLEUM RESOURCES
Rec'd MAR 21 1986
SUBJECT _____
FILE _____
VANCOUVER, B.C.

FILMED

March 14, 1986

by Emanuel Amendolagine, P.Eng.
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,349

INTRODUCTION

Diamond drilling was carried out during the period of December 9th to 17th, 1985 on the No. 2 Trench showing of the Margie Claim in the New Westminster Mining Division of B.C.

The diamond drilling was carried out with Ex-Core by Al McKinnon Drilling and Bridge Builders of Hope, B.C.

SUMMARY

The property is mainly underlain by volcanics and sediments of Carboniferous and Later Age. A narrow band of Jackass Mountain sediments occur along the western border. Acid intrusives of Jurassic Age intrude the sediments and volcanics. The mineralization occurs on the east side of the property and consists of quartz veins containing pyrite, chalcopyrite, plus Ag, Mo, Cr, W and weak gold values.

The drill program assays indicated that these minerals are present.

The property should be fully explored in detail to determine the validity of these minerals.

PROPERTY AND OWNERSHIP

The property consists of one 12-unit claim staked within the New Westminster Mining Division as shown on Map 1 and as described below:

| Claim Name | No. Units | Record No. | Expiry Date |
|------------|-----------|------------|-------------------|
| Margie | 12 | 752 | December 12, 1987 |

The expiry date shown takes into account the survey under discussion as being accepted for assessment credits.

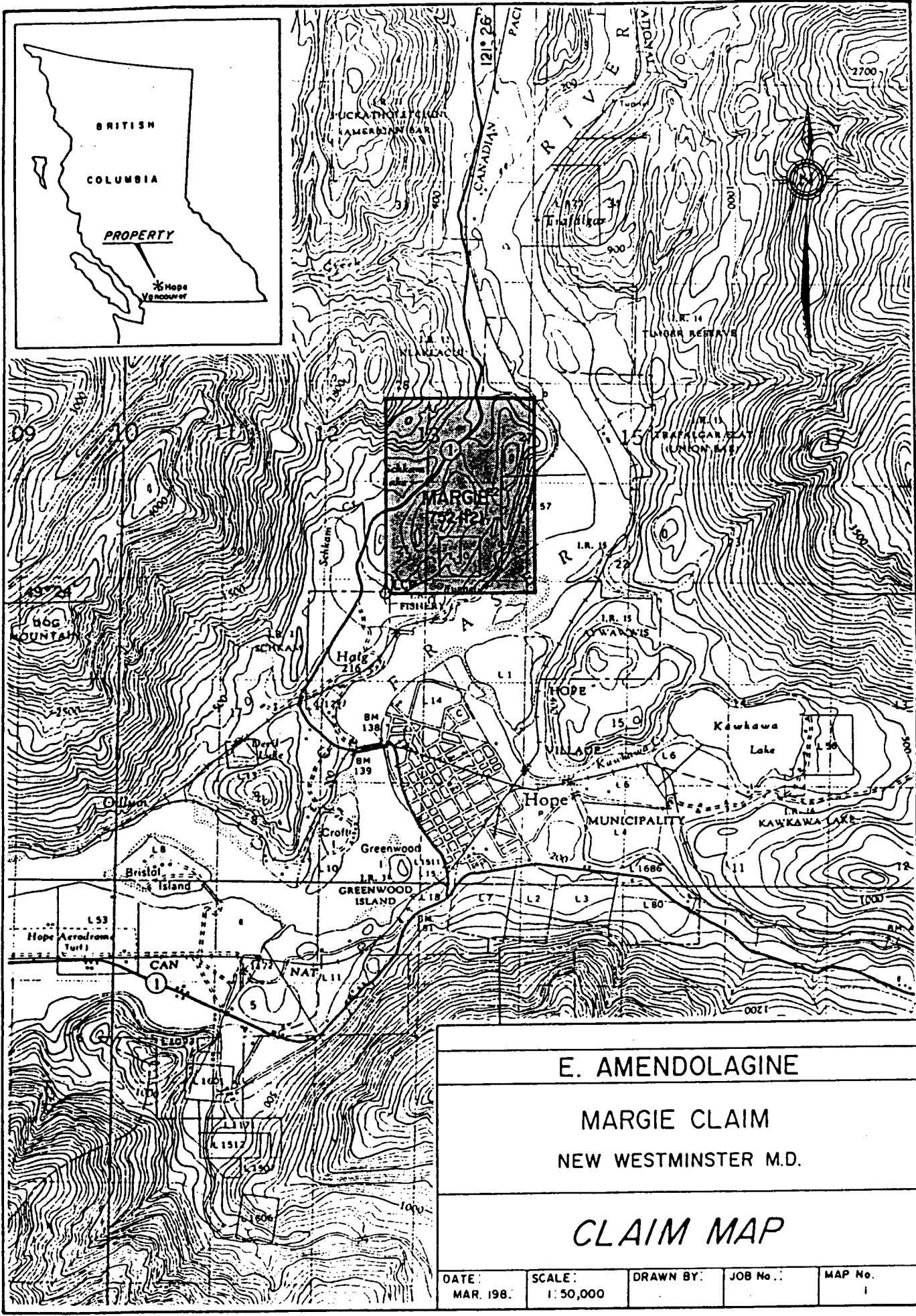
The claim is owned by E. Amendolagine of Vancouver, British Columbia.

LOCATION AND ACCESS

The legal corner post at the southwestern corner of the property is located 1.5 km due north of the town of Hope, B.C. The property is located on the western side of the southerly-flowing Fraser River.

The geographical coordinates are $49^{\circ} 25'$ north latitude and $121^{\circ} 26'$ west longitude.

Access is gained by travelling 2.5 km north of Hope on Highway #1 which runs northeasterly through the northern portion of the property. Gravel roads and trails give some access to the rest of the property.



MARGIE
77-121

| | | | |
|--------------------------------------|---------------------|-----------|--------------|
| E. AMENDOLAGINE | | | |
| MARGIE CLAIM NEW WESTMINSTER M.D. | | | |
| <i>CLAIM MAP</i> | | | |
| DATE: MAR. 198. | SCALE: 1: 50,000 | DRAWN BY: | JOB No.: |
| | | | MAP No. 1 |

PREVIOUS WORK

The property has been described as the "oldest lode deposit known on mainland British Columbia" but was only first reported on in the Minister of Mines reports in 1902.

In November of 1980, there were 29 percussion holes drilled to a depth of 1.6 meters in the area of 2 trenches. The cuttings were then assayed for copper, molybdenum, lead, zinc, silver and gold. Anomalous results were encountered in all six metals.

In the fall of 1981, wide-spread soil sampling was carried out and the samples tested for gold, arsenic, silver, lead, zinc, copper, molybdenum, nickel and cobalt. Anomalous results were encountered in all these metals as well.

In December, 1984 geotronics surveys conducted a V.L.F.-EM survey on the southern portion of the Margie claim. The survey reflected at least four conductors.

GEOLOGY

The geology is taken from the G.S.C. map of the area by Cairnes (Map 737A).

The property is almost entirely underlain by sediments and volcanics of the Chilliwack Group of Carboniferous Age. The rocks encountered in the percussion holes as andesite, dark green volcanic breccia, and altered cherty-rhyolite.

These sediments and volcanics occur within a five km band of acid intrusives of Jurassic Age consisting chiefly of gnessic granite and granodiorite. Small plugs of this group occur throughout the property.

DIAMOND DRILL PROGRAM

The drilling program consisted of one 75 foot drill hole. The core was EX and was drilled by Al McKinnon Drilling and Bridge Buildings of Hope, B.C. The hole was collared 45 feet west of the No. 2 pit and drilled in an east direction to intersect and test the quartz vein exposed in the pit. The drill location is measured off the geochemical lines and is some 14 + 00 meters E and 1 + 00 meters S.

The drill hole intersected the quartz vein at some 39 feet and was mineralized by visible chalcopyrite.

The core recovery was very poor.

Sludge samples were taken consistantly.

The sludge samples were assayed as I.C.P. geochemical samples.

The assays indicated weak values in Cu, Mo, Ag, Cr, W and weak gold.

The sludge samples were assayed by Acme Analytical Lab of Vancouver. The assay results are attached to the following drill log.

MARGIE CLAIM

Scale 1:11250

MPE DUMP

N 400 S

-45° E
DDH M-1
75 FEET

Tunnel L 1500 E

C.P.R.

L 13+50 E

L 12+00 E

L 10+50 E

L 9+00 E

L 7+50 E

L 6+00 E

L 4+50 E

L 3+00 E

L 1+50 E

LCP

L 0+00 LEDE ROAD

Schkam Lake

N S

M-1 DRILL HOLE

MARGIE CLAIM
E. AMENDOLAGINE
NEW WESTMINSTER MINING DIVISION
NTS 92H/6W

49°25'N Latitude

121°26'W Longitude

SCALE

0 150 300 450 M

1:11250

TRAMS CANADA

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 MN, 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: CUTTING AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: FEB 25 1986 DATE REPORT MAILED: *Feb 28/86* ASSAYER: *D. J. ...* DEAN TOYE. CERTIFIED B.C. ASSAYER.

MANNY CONSULTANTS FILE # 86-0303

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 | Mg | Ba | Ti | B | Al | Na | K | W | Au* |
|--------------|-----|------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|------|-----|------|-----|-----|
| | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | % | PPM | PPM | % | PPM | % | PPM | % | % | % | PPM | PPB |
| B0526M | 45 | 144 | 10 | 164 | .4 | 742 | 38 | 952 | 4.25 | 8 | 16 | ND | 2 | 26 | 2 | 2 | 2 | 85 | .97 | .05 | 3 | 663 | 4.84 | 63 | .21 | 4 | 2.52 | .02 | 1.13 | 79 | 1 |
| B0527M | 25 | 325 | 12 | 102 | .5 | 596 | 31 | 607 | 4.51 | 19 | 7 | ND | 3 | 24 | 1 | 2 | 2 | 62 | .67 | .03 | 5 | 265 | 2.32 | 58 | .13 | 2 | 1.38 | .04 | .38 | 105 | 2 |
| B0528M | 7 | 331 | 17 | 140 | .1 | 105 | 18 | 341 | 2.57 | 2 | 5 | ND | 1 | 38 | 1 | 7 | 2 | 12 | .83 | .03 | 3 | 33 | .38 | 36 | .03 | 9 | .49 | .09 | .07 | 970 | 1 |
| B0529M | 10 | 1733 | 14 | 332 | 2.4 | 595 | 13 | 1074 | 5.10 | 3 | 15 | ND | 2 | 33 | 3 | 2 | 22 | 66 | .95 | .06 | 6 | 539 | 5.62 | 47 | .21 | 8 | 2.61 | .02 | 1.45 | 444 | 1 |
| B0530M | 15 | 6710 | 18 | 573 | 9.2 | 494 | 1 | 802 | 5.38 | 2 | 11 | ND | 1 | 17 | 9 | 8 | 235 | 44 | .55 | .05 | 5 | 393 | 3.73 | 31 | .14 | 7 | 1.70 | .01 | .96 | 745 | 2 |
| B0531M | 21 | 1038 | 16 | 211 | 1.3 | 583 | 20 | 880 | 4.73 | 10 | 10 | ND | 2 | 35 | 3 | 2 | 34 | 73 | 1.09 | .06 | 6 | 383 | 3.77 | 48 | .18 | 7 | 1.92 | .05 | .59 | 243 | 3 |
| B0532M | 30 | 1986 | 40 | 289 | 3.5 | 435 | 10 | 1160 | 7.76 | 4 | 6 | ND | 1 | 25 | 74 | 4 | 92 | 75 | 1.14 | .08 | 7 | 351 | 3.29 | 36 | .15 | 2 | 1.89 | .03 | .59 | 463 | 2 |
| B0533M | 17 | 1221 | 26 | 246 | 2.3 | 293 | 27 | 1176 | 8.05 | 2 | 5 | ND | 3 | 30 | 16 | 6 | 39 | 119 | 1.81 | .15 | 11 | 203 | 2.62 | 50 | .37 | 2 | 1.99 | .06 | .40 | 766 | 1 |
| B0534M | 17 | 1326 | 44 | 251 | 2.3 | 266 | 20 | 1241 | 6.91 | 2 | 7 | ND | 2 | 31 | 3 | 4 | 66 | 128 | 2.09 | .14 | 9 | 241 | 3.09 | 36 | .35 | 2 | 2.23 | .04 | .36 | 771 | 1 |
| STD C/AU-0.5 | 20 | 59 | 40 | 137 | 7.0 | 73 | 29 | 1212 | 3.98 | 40 | 17 | 7 | 34 | 49 | 18 | 15 | 21 | 61 | .48 | .15 | 39 | 60 | .88 | 183 | .08 | 38 | 1.71 | .06 | .09 | 14 | 500 |

Assay required for correct result *for W > 100 PPM*

CONCLUSIONS

The drill program indicated minerals that could be economical if found in sufficient grade and volume.

The drill program was not successful in obtaining good core recovery but it was successful in indicating mineralization that could be economical if found in sufficient quantities.

RECOMMENDATIONS

It is recommended that the property be further explored in a detail systematic manner to determine the true validity of the showings and the property.

RESPECTFULLY SUBMITTED,



E. Amendolagine, P.Eng.

March 14, 1986

COST BREAKDOWN

| | | |
|----|---|-----------------------------|
| 1. | Al McKinnon Drilling & Bridge Building | \$ 3,009.00 |
| 2. | Acme Lab Assays | 122.00 |
| 3. | Helper, J. Amendolagine December 9-17 - 8 days @ \$50.00/day | 400.00 |
| 4. | 4 x 4 plus gas - 8 days @ \$50.00/day | 400.00 |
| 5. | Board Room and Miscellaneous Supplies | <u>219.00</u> |
| | | \$ 4,150.00 |
| 6. | Report, typing, etc. | <u>500.00</u> |
| | | <u>\$ 4,650.00</u> ===== |

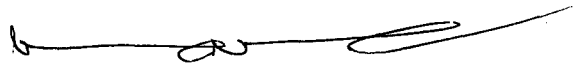


CERTIFICATE

I, Emanuel Amendolagine, of the City of Vancouver, province of British Columbia, hereby certify:

1. That I am a geologist and reside in Vancouver, British Columbia.
2. That I am a graduate of Hunter College, City of New York, and Columbia University, with a B.A. and M.A., respectively, and that I have been practising my profession as a geologist for 31 years.
3. That I am a Professional Engineer in the Province of British Columbia.

DATED AT VANCOUVER, BRITISH COLUMBIA this 14th day of March, 1986.



E. Amendolagine, P.Eng.