

4354

~~GEOLOGICAL~~ AND GEOCHEMICAL REPORT

ON

MINERAL CLAIMS NUB 1 & 2 and CUB 8 - 12

Record Number 18982-18983; 17770-17772; 19118  
in the Alberni Mining Division  
20 miles north of Tofino

49° 23' North Latitude

125° 45' West Longitude

92 F / 5 E

Department of Mines and Petroleum Resources ASSESSMENT REPORT NO. <b>4354</b> MAP.....
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W.G. Stevenson & Associates Ltd.,  
Vancouver, British Columbia.

May 31, 1973.

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## INTRODUCTION

During 1973 a geochemical program was conducted over the Cub Mineral Claims which are located on Vancouver Island 20 miles north of Tofino, British Columbia.

This program was accomplished by Mr. Walter Guppy under the direction of W.G. Stevenson, P.Eng. This report compiles the data collected, describes the methods used and details the cost of this work in accordance with the provisions of the Mineral Act, and is designed to satisfy the assessment requirements on the Cub Mineral Claims 8 - 12 and Nub 1 and 2 for a period of one year.

## CLAIMS AND TITLE

Mr. Guppy holds title to 14 contiguous mineral claims. You will find attached a tabulation marked Appendix C with data pertaining to these mineral claims, as shown in the Gold Commissioner's office in Vancouver. I have also attached a map marked Appendix B drawn to a scale of 1" = 1,500 feet which shows the outline of the claim block, the individual mineral claims, their relation with some of the surface features, and the outline of the area surveyed.

## LOCATION AND ACCESS

The mineral claims are in a one contiguous block extending over Dry Creek, a tributary on the northwest side of Bedwell River, three miles north of its junction with Ursus Creek. The claims are approximately six miles north of the logging camp at the mouth of Bedwell River, approximately  $1\frac{1}{2}$  miles northwest of the Bucaneer and Muscateer Mines. More precisely they are located at  $49^{\circ} 26'$  north latitude and  $125^{\circ} 44'$  west longitude.

Access can be gained to a boat landing at Bedwell then by an improved logging road which extends northerly up Bedwell River and across the south east corner of the claim block.

## HISTORY

In 1938 gold was discovered in the Drainage of Bedwell River. Underground drifting was accomplished during 1941 on the nearby Prosper, Muscateer and Bucaneer Mines.

In 1940 the B.C. Department of Mines and Petroleum Resources published a map contained in preliminary Bulletin Number 8, on the geology of Bedwell River area. This was updated as Bulletin No. 13 in 1941. Since that time, additional

HISTORY, continued

prospecting, claim staking, development and mining has been accomplished.

Mr. Walter Guppy has prospected and held mineral claims in the area since 1938. In 1964 he shipped eight tons of copper magnetite ore from his mineral claims located three miles south of the Cub Claims.

In 1971 and 1972 Mr. Guppy staked the Cub Mineral Claims and during 1972 and 1973 accomplished a program of geological mapping and geochemical sampling.

GEOLOGY

The contact between Coast Range intrusive rocks and Volcanic rocks of the Vancouver Group is exposed near the headwaters of Dry Creek. The attached geological map based on the data collected by Mr. Guppy will show this relationship.

A strong, west-northwesterly trending fault crosses the west side of the claim block, as shown on the map accompanying G.S.C. Paper 68-50.

MINERALIZATION

The Bedwell River property is positioned 15 miles northeast of Falconbridge's Catface Mountain property, 12 miles

MINERALIZATION, continued

southerly from Western Mines, and 28 miles northwest of Noranda's old Maggie Lake iron copper mine.

Within the Cub Claim Group, copper and molybdenum mineralization have been recognized.

GEOCHEMISTRY

During 1972 a reconnaissance geochemical sampling program was conducted over a part of the subject claim block. One hundred and two soil and silt samples were collected for geochemical determination of copper, and gold content.

The samples were collected from the "B" soil horizon from holes put down with a sharp narrow bladed spade to a depth of approximately 6 inches. The samples were packaged in specially prepared heavy paper bags. They were partially dried in the field, then completely dried and screened to minus 80 mesh in the laboratory. The geochemical assaying was accomplished by Acme Analytical Laboratories with hot HCL extraction for copper then assayed with atomic absorption.

Based on the assay data copper 70 ppm or greater; and gold .05 ppm or greater are considered anomalous.

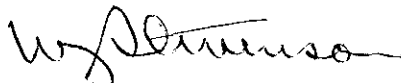
GEOCHEMISTRY, continued

On the attached map marked Appendix D, the sample locations, and the assay results in parts per billion for gold has been shown, and on Appendix E the sample locations and assay results for copper.

The samples with anomalous assay results have been indicated with special symbols.

Respectfully submitted,

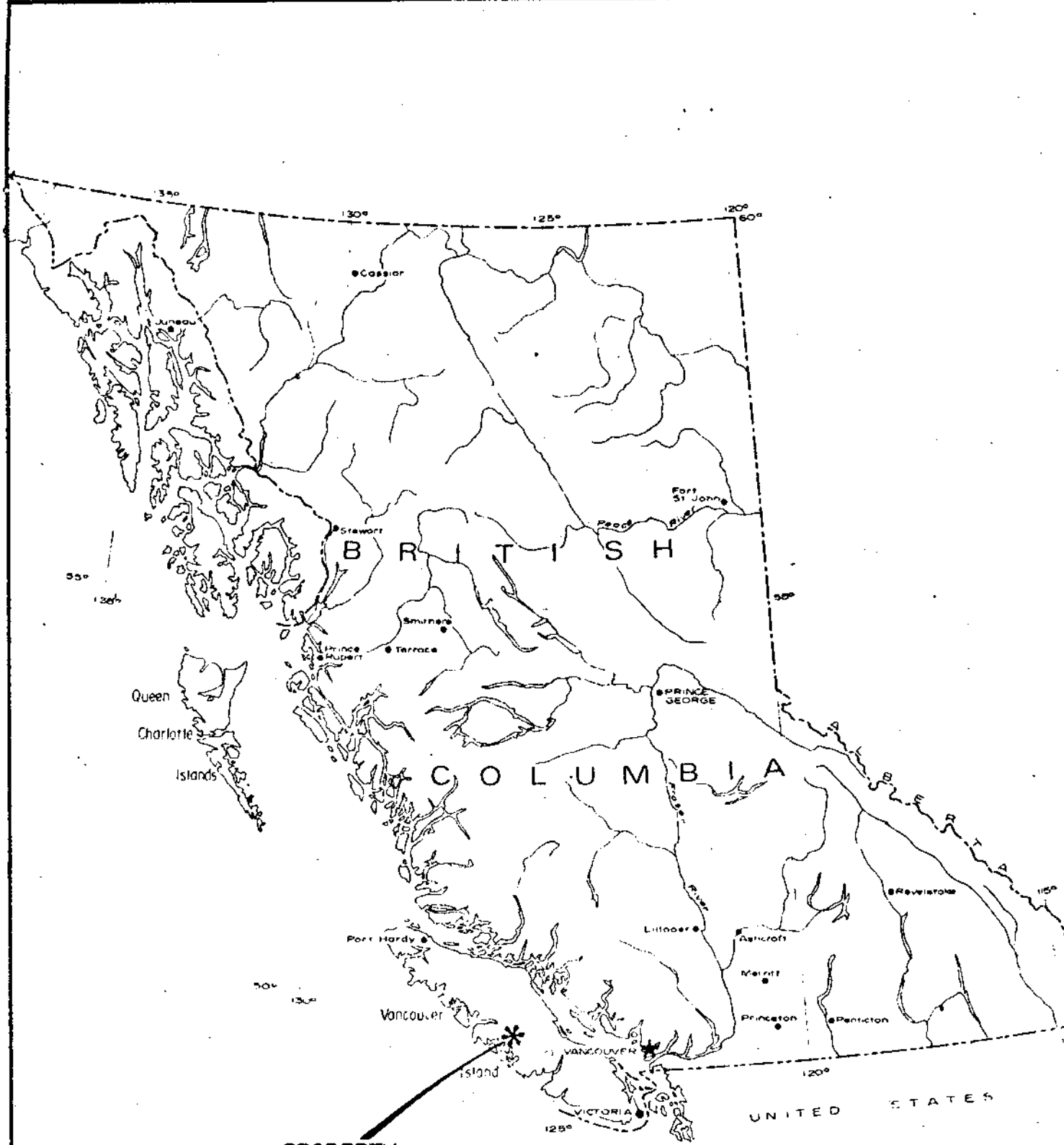
W.G. STEVENSON & ASSOCIATES LIMITED

A handwritten signature in cursive script, appearing to read 'W.G. Stevenson'.

W.G. Stevenson, P.Eng.

WGS/vk

May, 1973.



Department of  
**Mines and Petroleum Resources**  
 ASSESSMENT REPORT  
 NO. **4354** MAP **#1**

APPENDIX - A

**WALTER GUPPY PROPERTY**  
 ALBERNI MINING DIVISION

**LOCATION MAP**

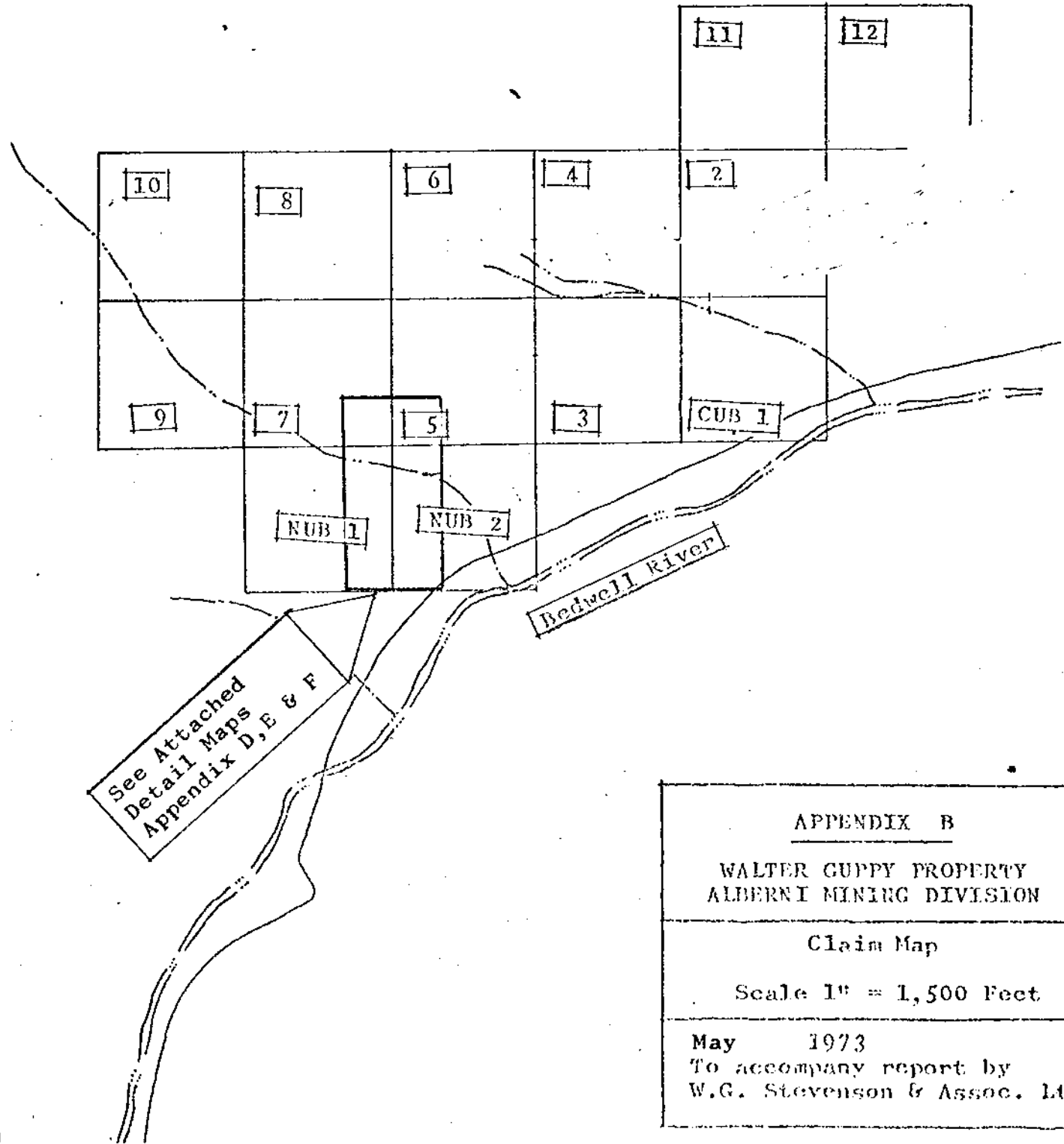
SCALE 1 inch = 136 Miles

Date  
Jan., 1973

To accompany report by  
W.G. Stevenson & Assoc. Ltd.



Department of  
**Mines and Petroleum Resources**  
**ASSESSMENT REPORT**  
 NO. **4354** MAP **#2**

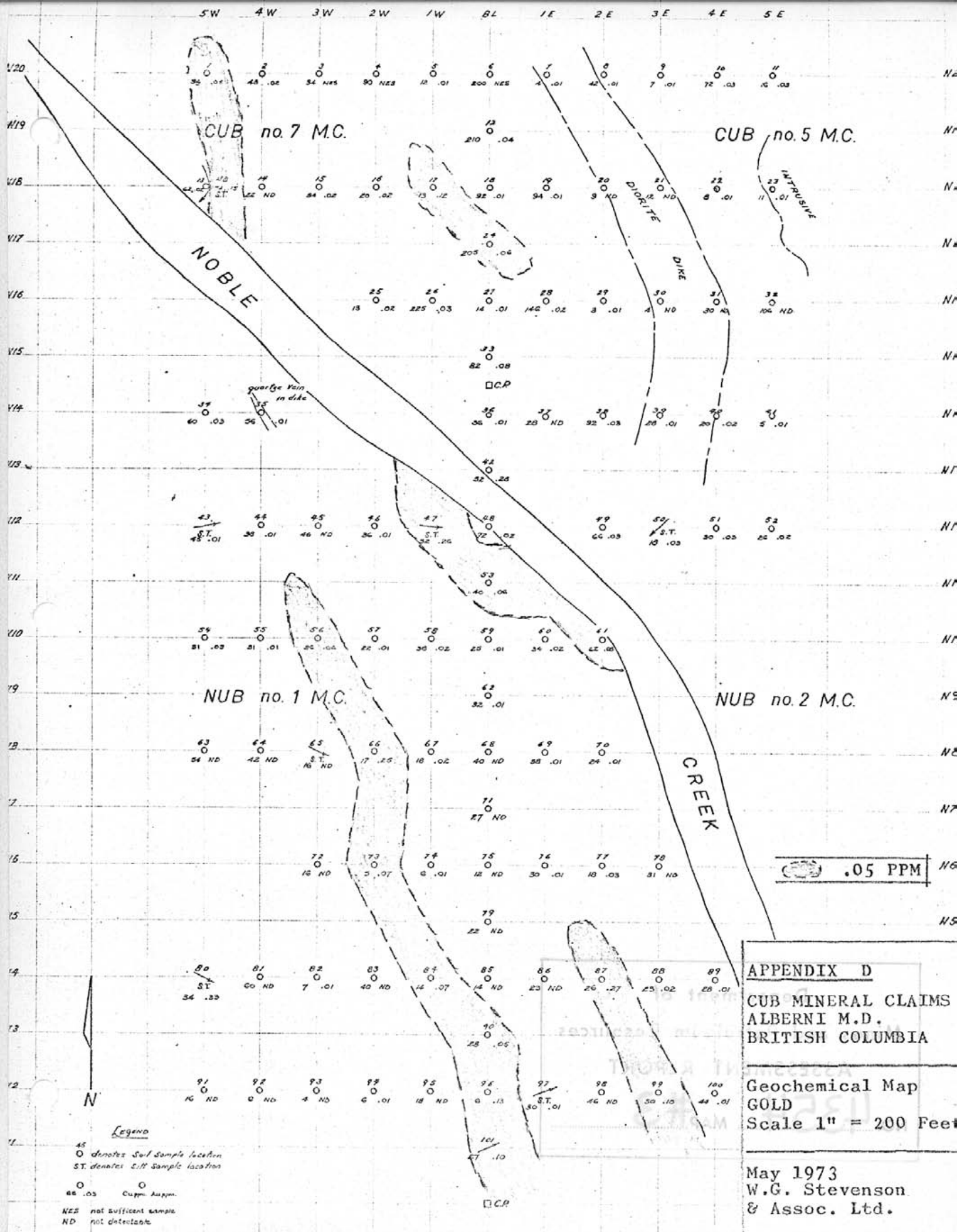


**APPENDIX B**  
**WALTER GUPPY PROPERTY**  
**ALBERNI MINING DIVISION**  
 Claim Map  
 Scale 1" = 1,500 Feet  
 May 1973  
 To accompany report by  
 W.G. Stevenson & Assoc. Ltd.

DATA PERTAINING TO THE  
CLAIMS HELD BY  
WALTER GUPPY  
ALBERNI MINING DIVISION

Claim Name	Record Number	Recording Date	Expiry Date
Cub # 1	19113	June 20, 1972	June 20, 1974
Cub # 2	19114	June 20, 1972	June 20, 1974
Cub # 3	19115	June 20, 1972	June 20, 1974
Cub # 4	19116	June 20, 1972	June 20, 1974
Cub # 5	17767	May 31, 1971	May 31, 1974
Cub # 6	17768	May 31, 1971	May 31, 1974
Cub # 7	17769	May 31, 1971	May 31, 1974
Cub # 8	17770	May 31, 1971	May 31, 1973
Cub # 9	17771	May 31, 1971	May 31, 1973
Cub #10	17772	May 31, 1971	May 31, 1973
Cub #11	19117	June 20, 1972	June 20, 1973
Cub #12	19118	June 20, 1972	June 20, 1973
Nub # 1	18982	May 23, 1972	May 23, 1973
Nub # 2	18983	May 23, 1972	May 23, 1973

APPENDIX C



CUB no. 7 M.C.

CUB no. 5 M.C.

NOBLE

DIORITE  
DIKE

INTRUSIVE

quartz Vein  
in dike

CREEK

NUB no. 1 M.C.

NUB no. 2 M.C.

.05 PPM

APPENDIX D  
CUB MINERAL CLAIMS  
ALBERNI M.D.  
BRITISH COLUMBIA

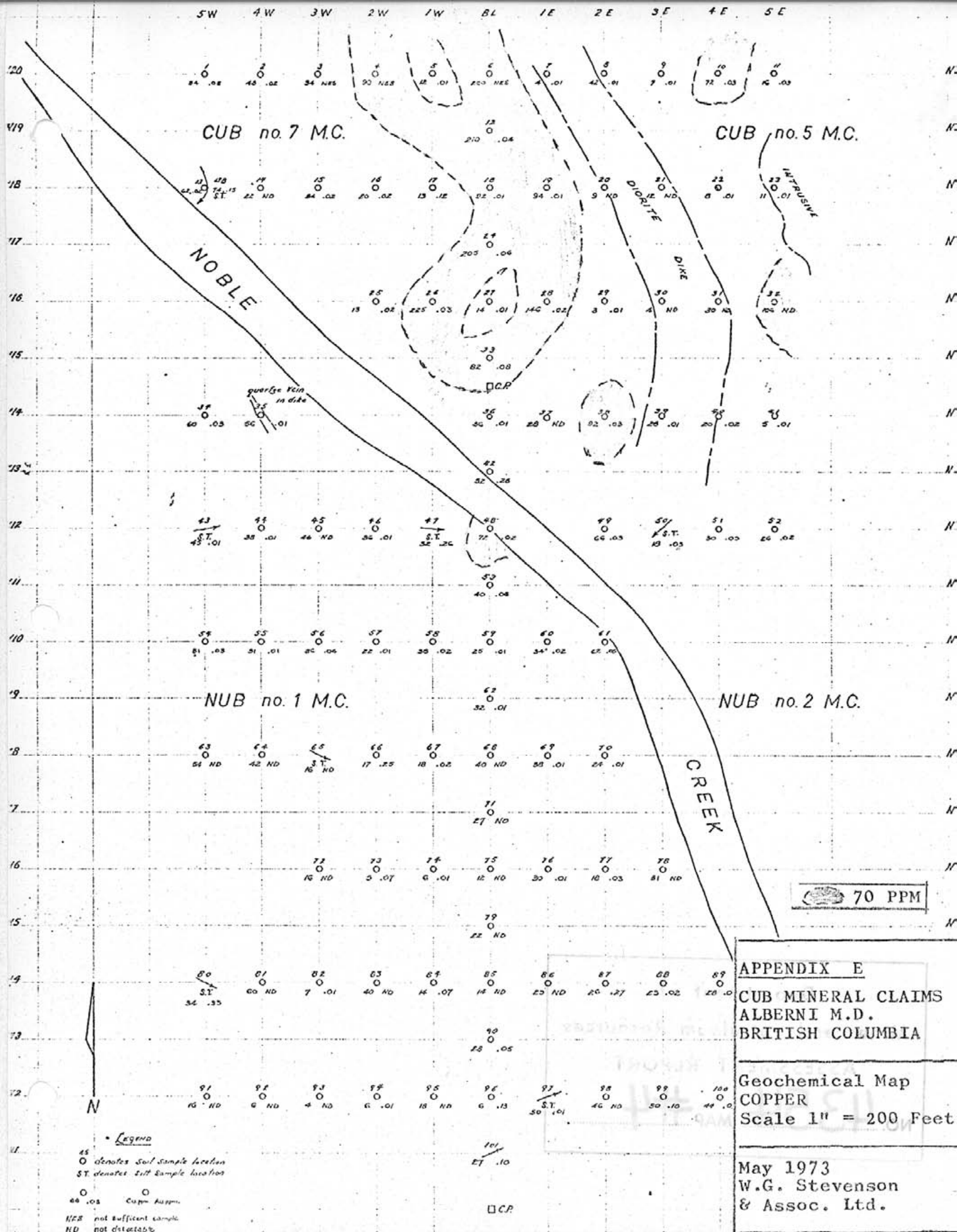
Geochemical Map  
GOLD  
Scale 1" = 200 Feet

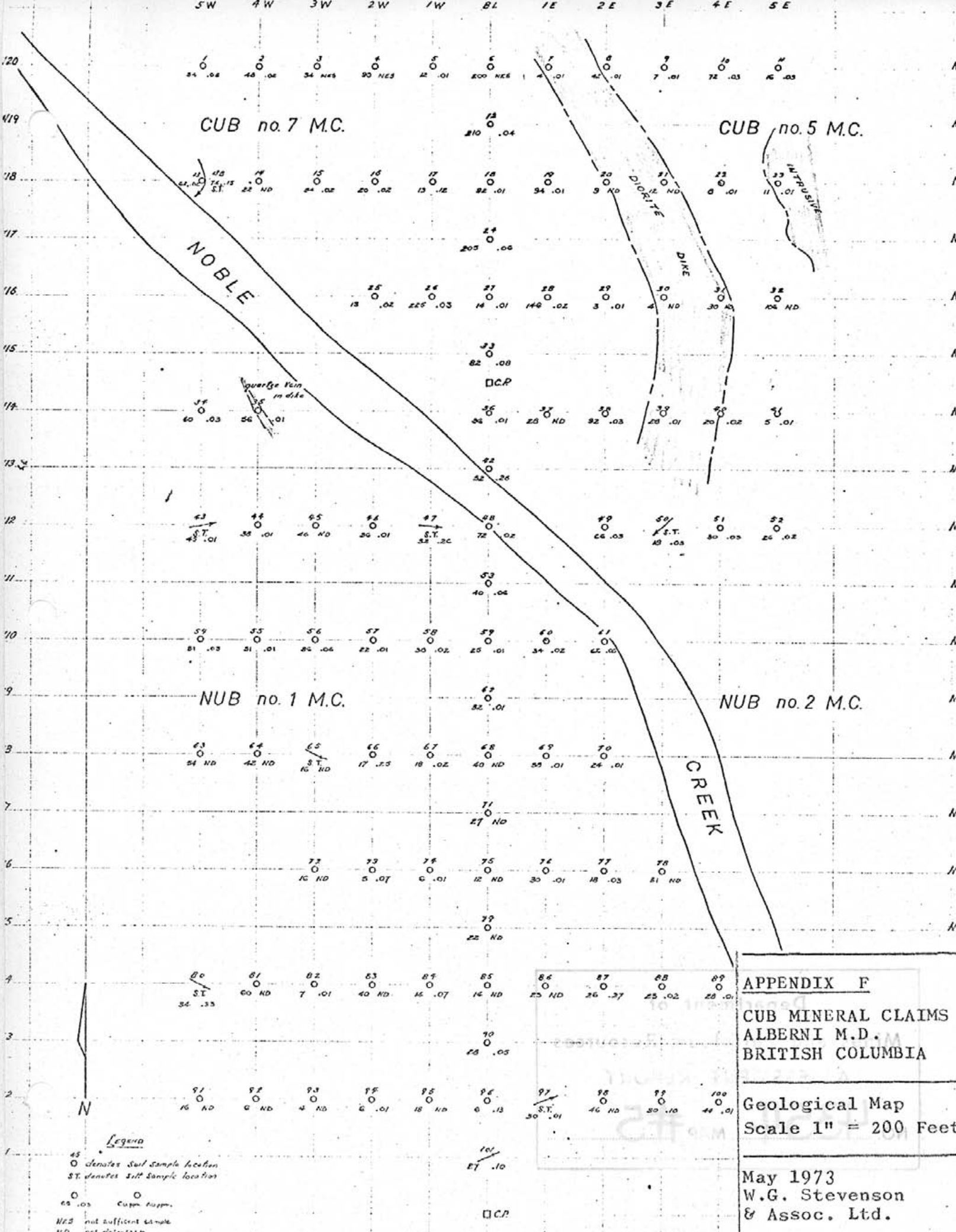
May 1973  
W.G. Stevenson  
& Assoc. Ltd.

Legend

- denotes Soil Sample location
- ST denotes S.H. Sample location
- Cuppers Assay
- NES not sufficient sample
- ND not detectable

□ C.P.





CUB no.7 M.C.

CUB no.5 M.C.

NOBLE

DIOCRITE  
DIKE

INTRUSIVE

Overlge vein  
in dike

CREEK

NUB no.1 M.C.

NUB no.2 M.C.

APPENDIX F

CUB MINERAL CLAIMS  
ALBERNI M.D.  
BRITISH COLUMBIA

Geological Map  
Scale 1" = 200 Feet

May 1973  
W.G. Stevenson  
& Assoc. Ltd.

Legend

- denotes Soil Sample location
- S.T. denotes Silt Sample location
- Cuppy tufts
- N.S. not sufficient sample
- ND not detectable

□ C.P.

DOMINION OF CANADA:  
PROVINCE OF BRITISH COLUMBIA.  
TO WIT:

**In the Matter of** the geochemical and geological survey over the Cub and NUB Mineral Claims, 6 miles north of the mouth of Bedwell River in the Alberni Mining Division and the map and report preparation covering this work.

I, **WILLIAM G. STEVENSON**, P. Eng., Consulting Geologist,  
of 209 - 475 Howe Street, Vancouver 1, B.C.,

in the Province of British Columbia, do solemnly declare that geochemical sampling and geological mapping has been accomplished over the area encompassing the NUB 1 & 2 and CUB 5 and 7 Mineral Claims.

A geological map has been prepared, and two geochemical maps, drawn to a scale of 1" = 200 feet have been compiled and the resulted posted and interpreted.

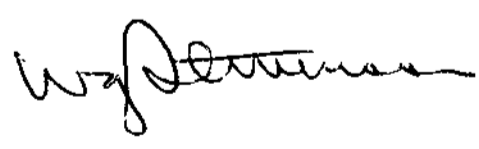
The field work was accomplished during April and May, 1973. A report describing this exploration with attached geochemical geological map accompanies this declaration.

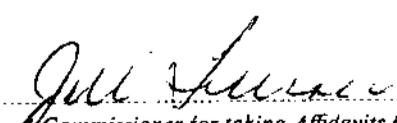
The costs for this exploration program that can be applied toward the assessment requirements has been as follows:

Field work - wages 1 man 1 week	\$ 250.00
Transportation	50.00
Assaying	190.95
Supervision and Interpretation	150.00
Report Preparation	<u>75.00</u>
	<u>\$ 715.95</u>

And I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act."

Declared before me at the **City**  
of **Vancouver**, in the  
Province of British Columbia, this **27<sup>th</sup>** **30<sup>st</sup>**  
day of **May**, **1973** A.D.



  
Commissioner for taking Affidavits for British Columbia or  
A Notary Public in and for the Province of British Columbia.  
Sub - mining Recorder

★ 0

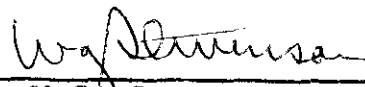
CERTIFICATE

I, WILLIAM G. STEVENSON, do hereby certify:

1. THAT I am a Consulting Geological Engineer with offices at Suite 209, Crown Trust Building, 475 Howe Street, Vancouver 1, B.C.
2. THAT I am a graduate of the University of Utah 1946 with a Bachelor of Science Degree.
3. THAT I am a registered Professional Engineer in the Association in British Columbia.
4. THAT I have practised my profession for 23 years.
5. THAT this report dated May 31, 1973, is based on my examination during 1969 and on an evaluation of work and data collected by Mr. Walter Guppy and on published and unpublished reports.

DATED at Vancouver, British Columbia, this 31st day of May, 1973.

W.G. STEVENSON & ASSOCIATES LIMITED  
Consulting Geologists



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W.G. Stevenson, P.Eng.

APPENDIX H