

ASSESSMENT REPORT

LOG NO: 30-08	RD.
ACTION:	
FILE NO:	

for the

AMP 1, AMP 2, AMP 3, & AMP 4 CLAIMS

Greenwood Mining Division, B.C.

NTS 82E/7W

Latitude 49° 27' W, Longitude 118° 52'

Prepared by

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Vancouver, B.C. V6K 4G6

Submitted - August 27, 1990

MINERALOGICAL BRANCH
ASSESSMENT REPORT

20,215

-
TABLE OF CONTENTS

	page
Summary	1
Introduction	2
Location, Access, Title	2
Previous Work	4
Regional Geology	4
Property Geology and Mineralisation	4
Current Program	6
Results	7
Conclusions and Recommendations	7
References	8
Certificates	9

LIST OF FIGURES

	Page
Figure 1 General Location Map.	4
Figure 2 Claim Map	6
Figure 3 1990 Compilation - VLF-EM, Geology & Prospecting. . . . (in pocket)	

LIST OF APPENDICES

Appendix I	List of Personnel and Expenditures
Appendix II	Statement of Exploration and Development

SUMMARY

This report describes the results of a reconnaissance exploration program which was carried out by the author and an assistant on June 11, 1990, on the AMP 1 - 4 claims, which are located on the west side of the Kettle River 35 km north of Westbridge. This work was carried out in conjunction with a similar program on the VOLT 1-4 claims, 2 km to the NW.

Assessment work for 1990 on the AMP 1 - 4 claims consisted of prospecting, reconnaissance geological mapping and a 1.4 line km VLF-EM survey. This work covered each of the four claims equally. The claims are located in an area that has been actively explored for gold since the turn of the century. The 1990 program was implemented to check the relation of the ground covered by the AMP claims to a known gold showing immediately north of the claims on the Trapper Crown Grant.

The prospecting and mapping revealed little in the way of economic mineralization on the claims, due mainly to extensive overburden cover which prevented a more detailed examination. The VLF-EM survey gave poor results, showing no response to any buried structures.

A more detailed program of geophysics and geochemical sampling is recommended to relate these claims to the known mineralization on the Trapper Claim and in the Barnato Camp, two kilometres to the NW.

LOCATION, ACCESS & TITLE

The AMP 1-- 4 claims are located in south-central B.C., 50 kms north of Rock Creek in the Greenwood Mining Division on NTS mapsheet 82E/7W and are centred at about 49° 27' 10" N latitude, 118° 52' 10" W longitude (Figure 1). The claims lie on the west bank of the Kettle River at an elevation of 2800' (850 m.). They were staked to cover the possible extension of a north trending vein exposed in workings on a crown grant immediately to the north of AMP 1, 2.

Vegetation on the property consists mainly of mature pine and spruce growth. Outcrop, totalling approximately 10%, is limited to slope breaks and steep bluffs above the Kettle River Road on the eastern claim boundary.

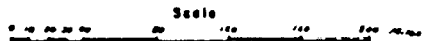
Access to the property is made from Highway #3 at Rock Creek 57 km north via Hwy #31 and the Kettle River Forest Service Road to Crick Creek. From here an old trail leads up to the workings on the Trapper Crown Grant. The AMP 1,2 I.P is located approximately 300 m. SSW of the Trapper Adit.

The four claims are contiguous and are summarized below;

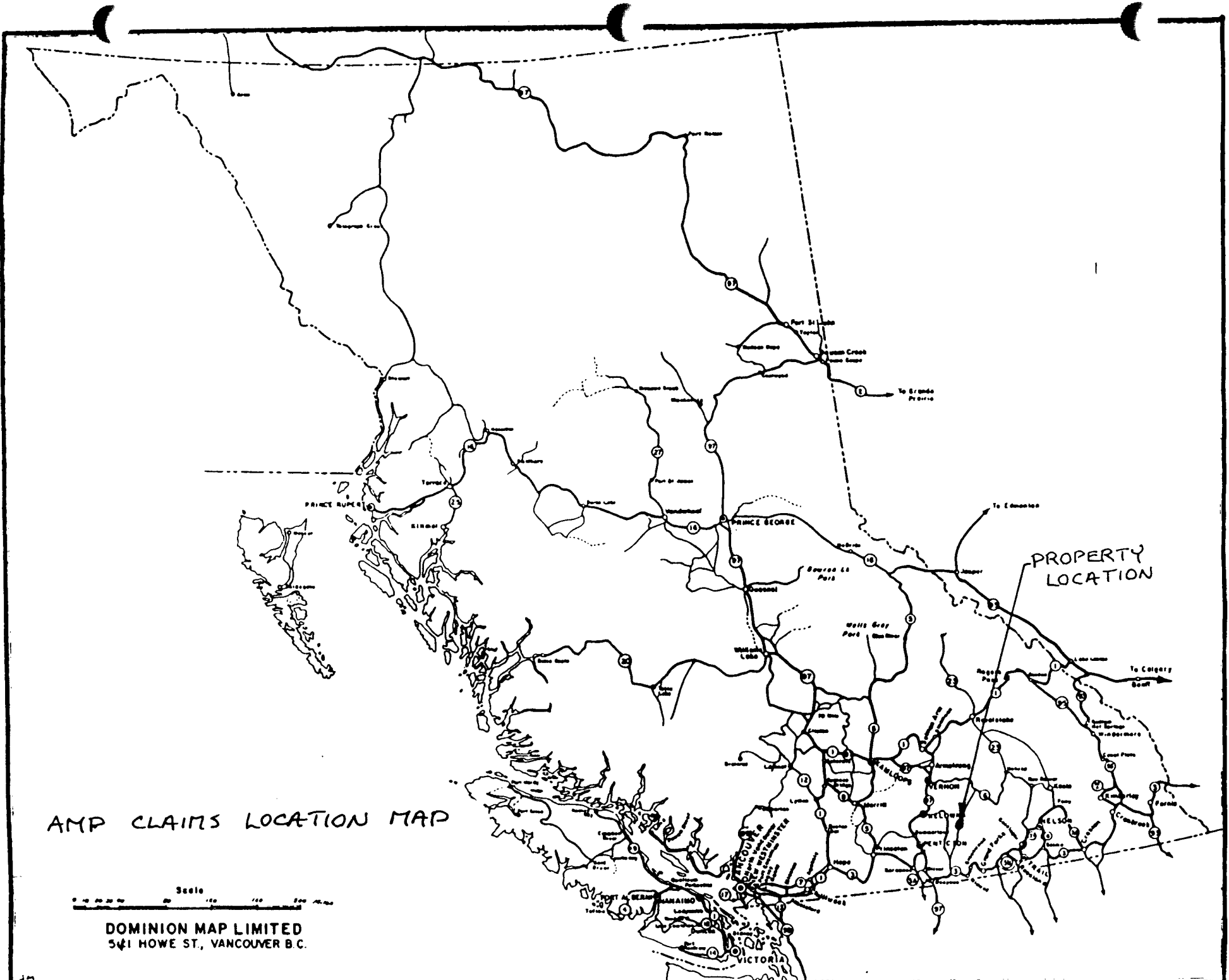
<u>Claim Name</u>	<u># of Units</u>	<u>Record Number</u>
AMP 1	1	5497(6)
AMP 2	1	5498(6)
AMP 3	1	5499(6)
AMP 4	1	5500(6)

The AMP claims were recorded on June 17, 1989 and are still held by D. Dylan Watt.

AMP CLAIMS LOCATION MAP



DOMINION MAP LIMITED
541 HOWE ST., VANCOUVER B.C.



PREVIOUS WORK

This part of B.C. was one of the first to see serious mineral exploration when prospectors moved into the Kettle River Valley in the 1880's. In 1896, the Barnato claim was staked 2 km NW of the AMP claims to cover a quartz/pyrite vein that carried values up to 0.3 opt Au. Interest in the area waned until 1928 when the Mogul vein was discovered .8 km north of the Barnato, and minor production ensued. Work continued until 1939 with Consolidated Mining and Smelting completing drilling and trenching on many claims in the area. The Trapper claim was staked and developed during this period. No further work was recorded in this area except minor sampling in 1965 until the crown grants on Lake Ridge were acquired by Carmac Resources in 1979. Since that time the claims have been explored under option to various junior exploration firms - completing geochemical sampling, trenching and some drilling. A small adit, exposing the Trapper vein in Crick Creek has been cleaned out and some high-grading of the ore has been attempted by the present owner of the claim.

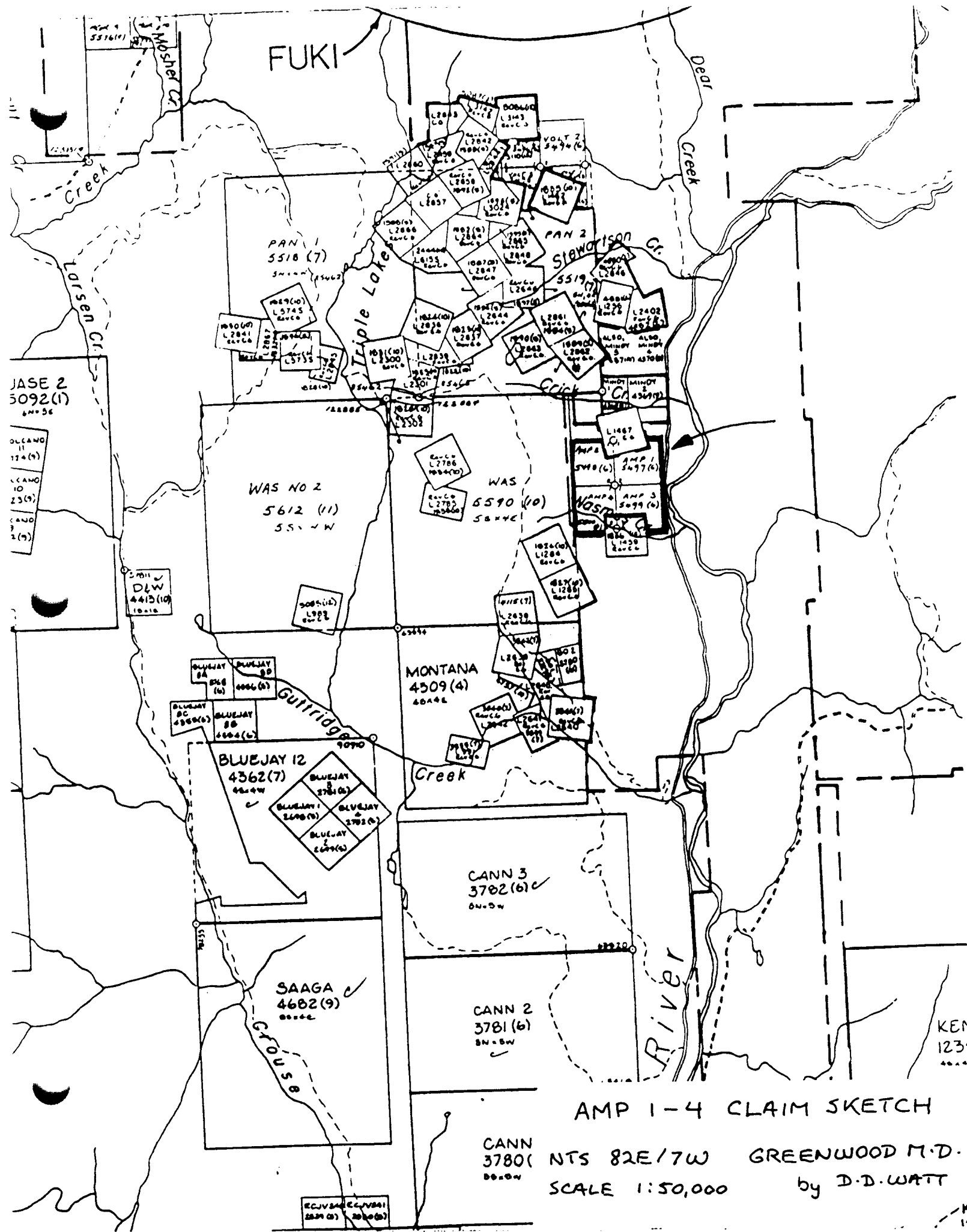
REGIONAL GEOLOGY

The AMP claims lie at the southern end of the Intermontane Belt, where the geology is dominated by the volcanic and volcanically derived sediments of the Late Palaeozoic Wallace Formation of the Anarchist Group. West of the Kettle River Graben, this package has been extensively intruded by Jurassic plutonic activity and subsequently covered by Tertiary intermediate flows of the Eocene Marron Formation. Late Tertiary extension dropped the Kettle River Valley to its present level.

Mineralization discovered to the west of the claims on the Barnato, Mogul and other claims consists mainly of mineralized shears and quartz veins which transect the contact between the volcano-sedimentary package and the granodiorites. The veins trend variably north-east to east and seem to occur as "stockworks" rather than concentrated in any particular orientation. Most of the veins exposed to date are less than 1.0 m. in width and carry up to 1.68 opt gold with minor silver values. The best gold values appear to be associated with arsenopyrite and/or pyrrhotite.

PROPERTY GEOLOGY

Past work in this area had indicated that the west side of the Kettle River and Lake Ridge covered a complex mixture of Anarchist



FUKI

PAN 1
5518 (7)

PAN 2
5519

WAS NO 2
5612 (11)
5512 W

WAS
5590 (10)
5512 W

MONTANA
4509 (4)
4044 E

BLUEJAY 12
4362 (7)
4214 W

BLUEJAY
2781 (6)
BLUEJAY
2698 (7)
BLUEJAY
2782 (6)
BLUEJAY
2697 (6)

SAAGA
4682 (9)
8000 E

CANN 3
3782 (6)
8010 W

CANN 2
3781 (6)
8010 W

AMP 1-4 CLAIM SKETCH

CANN 3780(NTS 82E/7W GREENWOOD M.D.
SCALE 1:50,000 by D.D. WATT

KEN
123
4000

Group lithologies intruded by Jurassic granodiorites and later dykes. The 1990 work on the AMP claims showed them to be underlain almost entirely by northeast trending Wallace Formation volcanic and/or volcanoclastic rocks metamorphosed to greenschist facies and folded into a gentle north dipping anticline.

No economic mineralization was discovered on the AMP claims during this program. A vein exposed on the Trapper claim trends N 10° E and dips 55° to the east. The vein carries values up to 0.3 opt in Au associated with minor Cu and Zn values.

CURRENT PROGRAM

The 1990 reconnaissance program on the AMP claims was designed to gather information to be used in implementing a Phase 1 program. 1.4 line kilometres of VLF-EM readings taken at 25 m. intervals on three lines approximately 200 m apart were completed while the property was mapped at a 1:10000 scale and prospected. A Phoenix Model VLF-2 Receiver tuned to the Cutler Me.(24.0 kHz) and Annapolis Md. (21.4 kHz) transmitters was used to collect VLF readings.

RESULTS

The results of the VLF-EM survey were poor. No significant anomalies were detected. The results of the prospecting and mapping were also generally poor and have already been dealt with under property geology.

CONCLUSIONS AND RECOMMENDATIONS

The 1990 exploration program on the AMP claims failed to locate any new zones of mineralization. The mapping and prospecting did indicate similar geology to the Barnato and Mogul claims to the west, however no new mineralization was discovered in bedrock exposures.

It is recommended that a program of soil and/or bio-geochemistry be conducted over the claims to check for any anomalies which might indicate gold mineralization. Particular attention to Au and As results is warranted. Further work with a magnetometer is also recommended to outline any possible pyrrhotite concentrations in bedrock.

CERTIFICATE OF QUALIFICATION

I, D. Dylan Watt, hereby certify that:

1. I am a Geologist resident at #309-1996 Trutch Street, Vancouver
2. I am a graduate of the University of British Columbia of Vancouver, B.C. having received a Bachelor of Science degree in Geological Sciences in 1984.
3. I have practised my profession continuously since 1984.
4. This report is based on data collected during my visit to the property in June of this year and a review of various government and private publications.

Dated at Vancouver, this 27th day of August, 1990.

A handwritten signature in black ink, appearing to read 'D. Watt', written in a cursive style.

D. Dylan Watt, B.Sc.

APPENDIX I:**LIST OF PERSONNEL AND STATEMENT OF EXPENDITURES**

The following expenses were incurred on the AMP 1 - 4 Claims as defined in this report for the purposes of mineral exploration between the dates of June 9, 1990 and June 14, 1990.

Personnel:

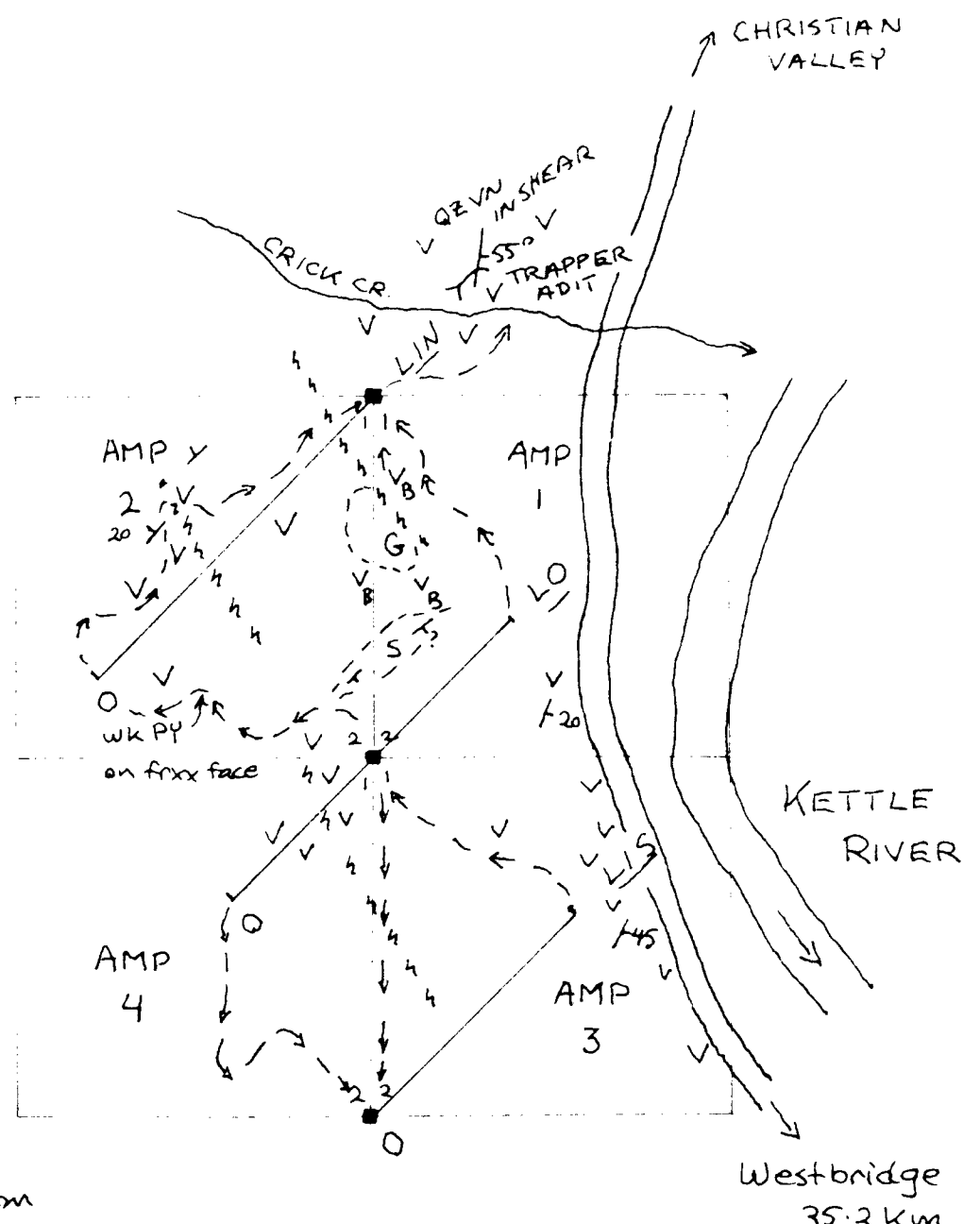
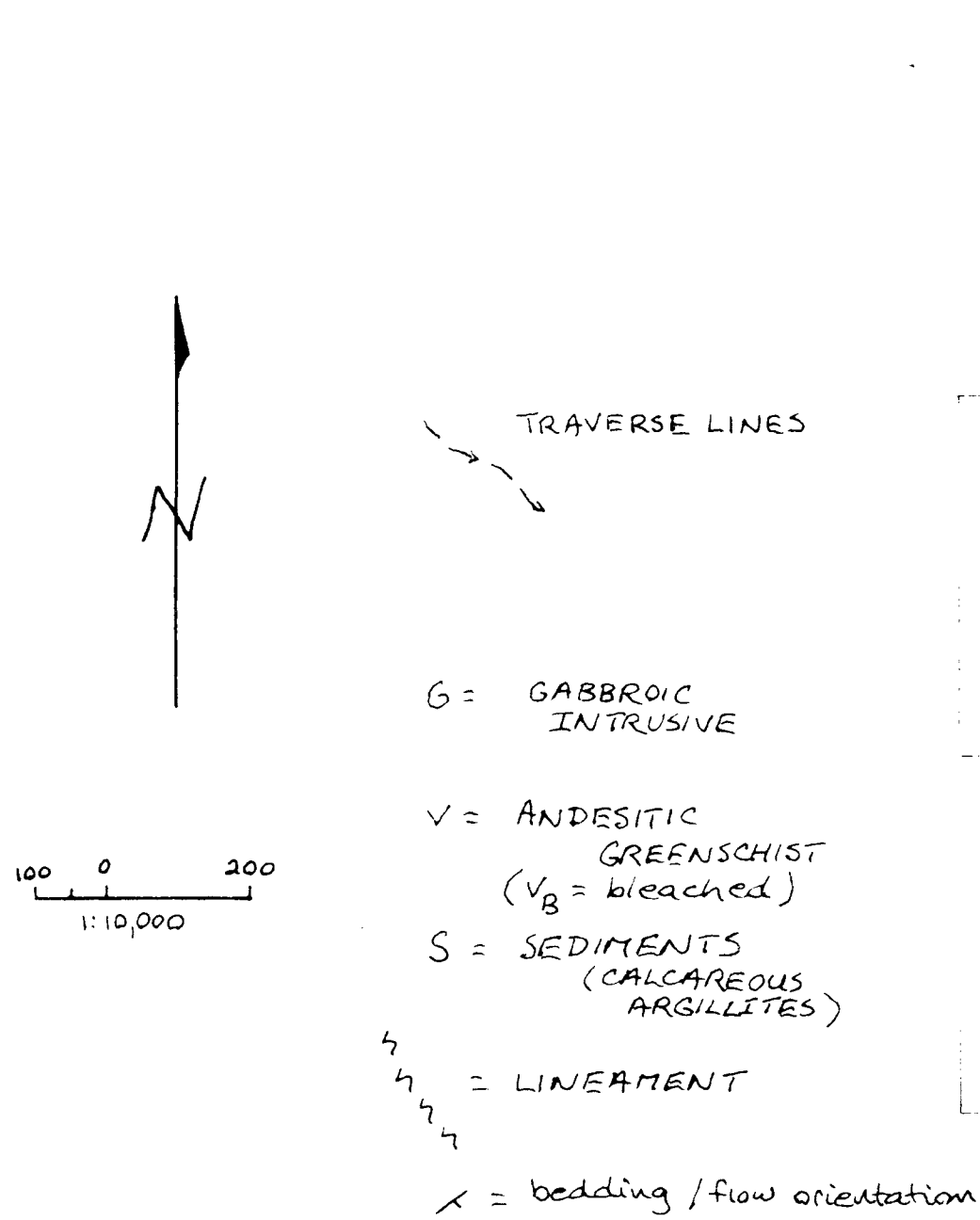
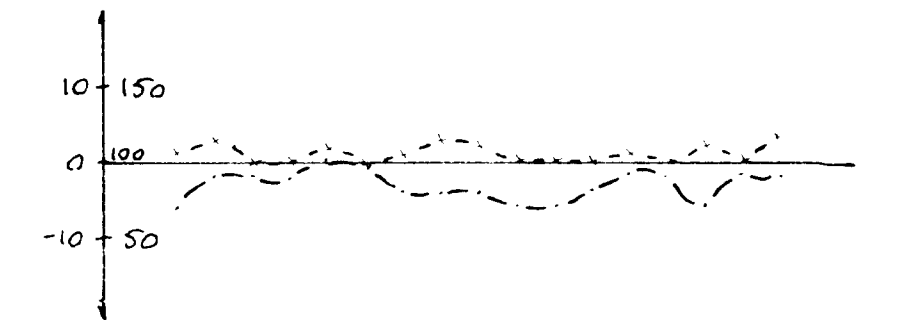
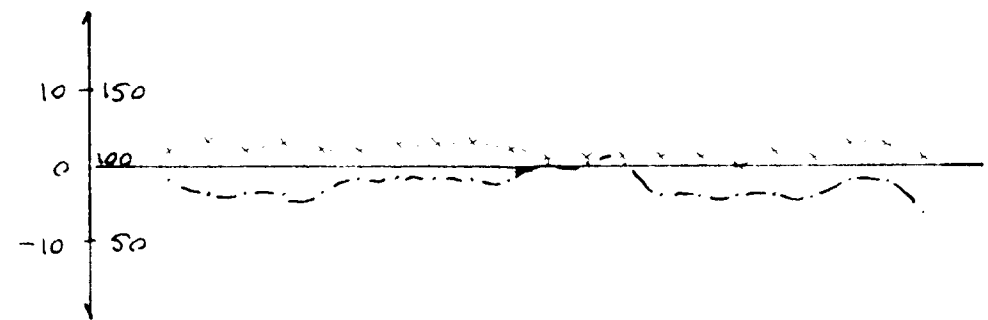
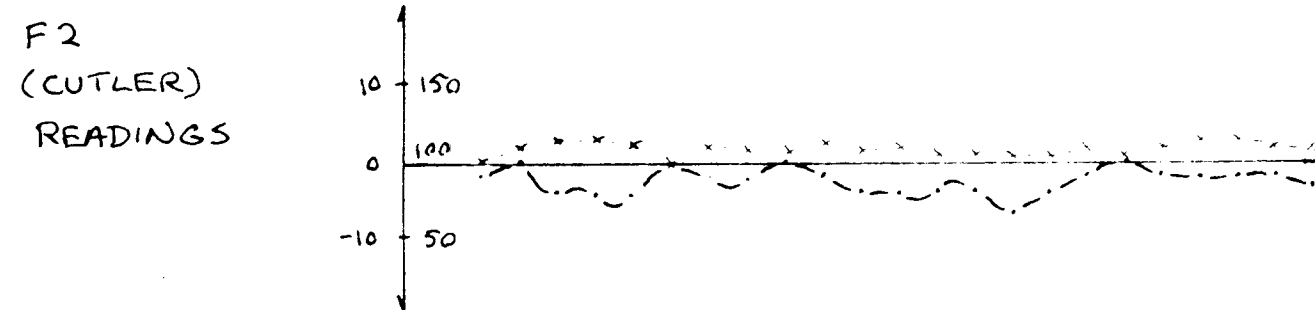
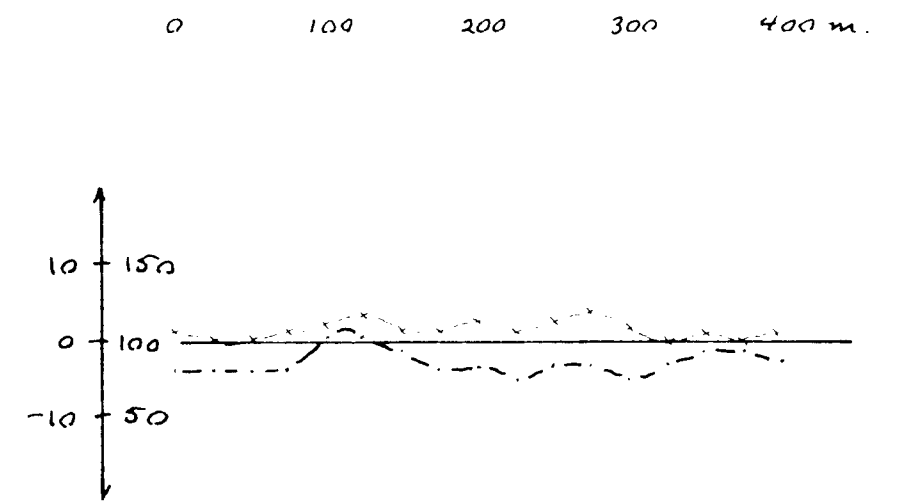
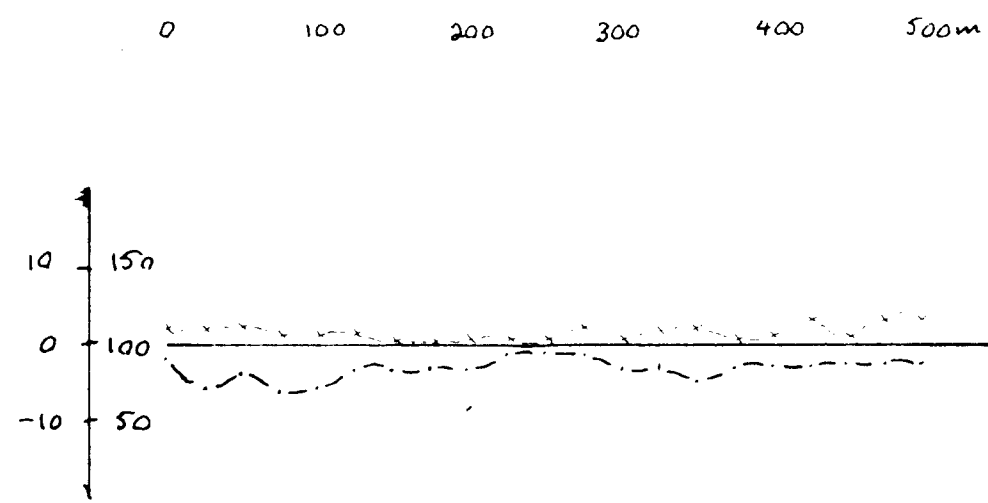
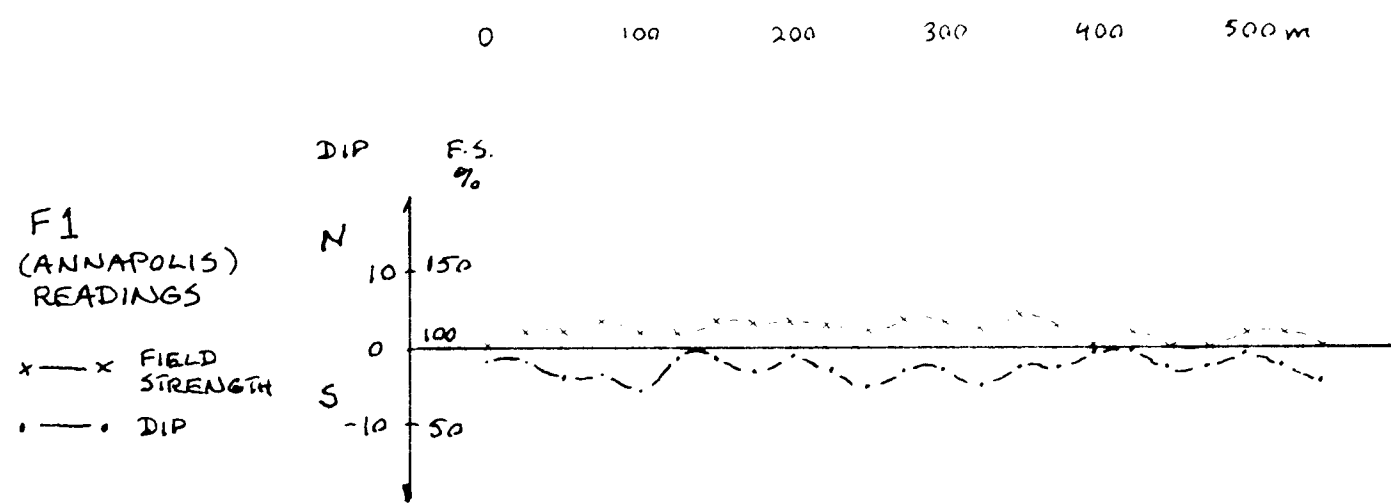
Geologist - D. Dylan Watt, B.Sc.	
2 days @ \$200.00/day	\$400.00
Assistant - M. Poliquin	
1.5 days @ \$90.00/day	<u>\$135.00</u>
	\$535.00

Disbursements:

Food and Accommodation	
3 man days @ \$37/day	\$ 111.00
VLF_EM	
1.5 days @ \$15/day	22.50
Vehicle Rental	
2 days @ \$40/day	80.00
557 kms @ \$.15/km	83.55
Fuel & Oil	47.00
Report Materials	
copies, materials, etc.	<u>11.95</u>
	\$356.00

TOTAL EXPENSES

\$891.00



GEOLOGICAL BRANCH
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CUTLER (F2)
ANNAPOLIS (F1)

AMP 1-4 CLAIMS
1990 COMPILATION
GEOLOGY, VLF-EM
+ PROSPECTING

NTS 82E/7W GREENWOOD M.D.
DWG BY: DDW JUNE 1990