

MineQuest Report #127
Ref. No. RM2206

AUL CLAIMS

MacAuley Creek

Southwest Yukon

Whitehorse Mining Division

N.T.S. 105D3

Latitude 60°1'N
Longitude 135°21'W

091849

by
A.W. Gourlay
of
MineQuest Exploration Associates Ltd.

for
Eaglet Mines Limited



Work Performed On Claims:

<u>Claims</u>	<u>Tag Numbers</u>	<u>Date Recorded</u>
AUL 1-24	YA87137 to 87160	June 18, 1986

August 1986

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 2400.00 .

D. D. Emend

for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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1.0

INTRODUCTION

The AUL claims cover ground adjacent to claims held by Agip Canada Ltd. Kerr Addison Mines Ltd., and Noranda Inc. The ground was staked for gold and silver in 1985 by L. Allen and R. Bilquist, in co-operation with MineQuest Exploration Associates Ltd. In 1986 Eaglet Mines Ltd. optioned the Part claims, 7.5 kilometres to the east and the AUL claims fall within the area of interest clause of that agreement. This report describes the results of a preliminary sampling program carried out on the AUL claims in June 1986.

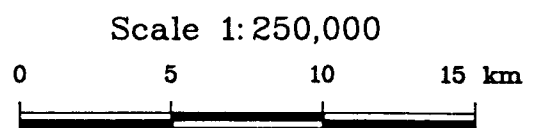
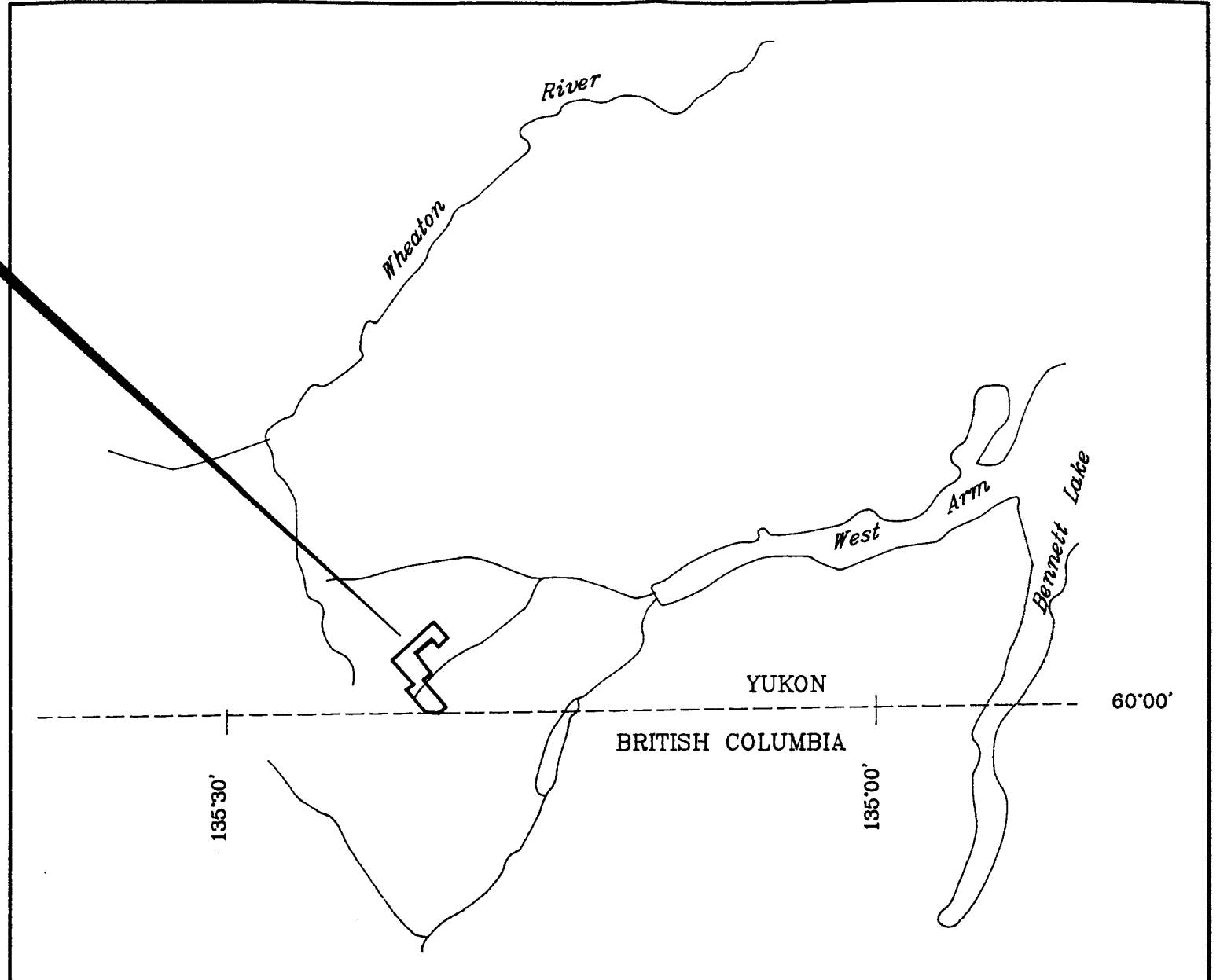
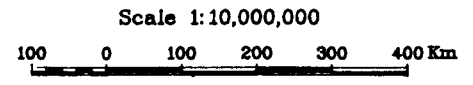
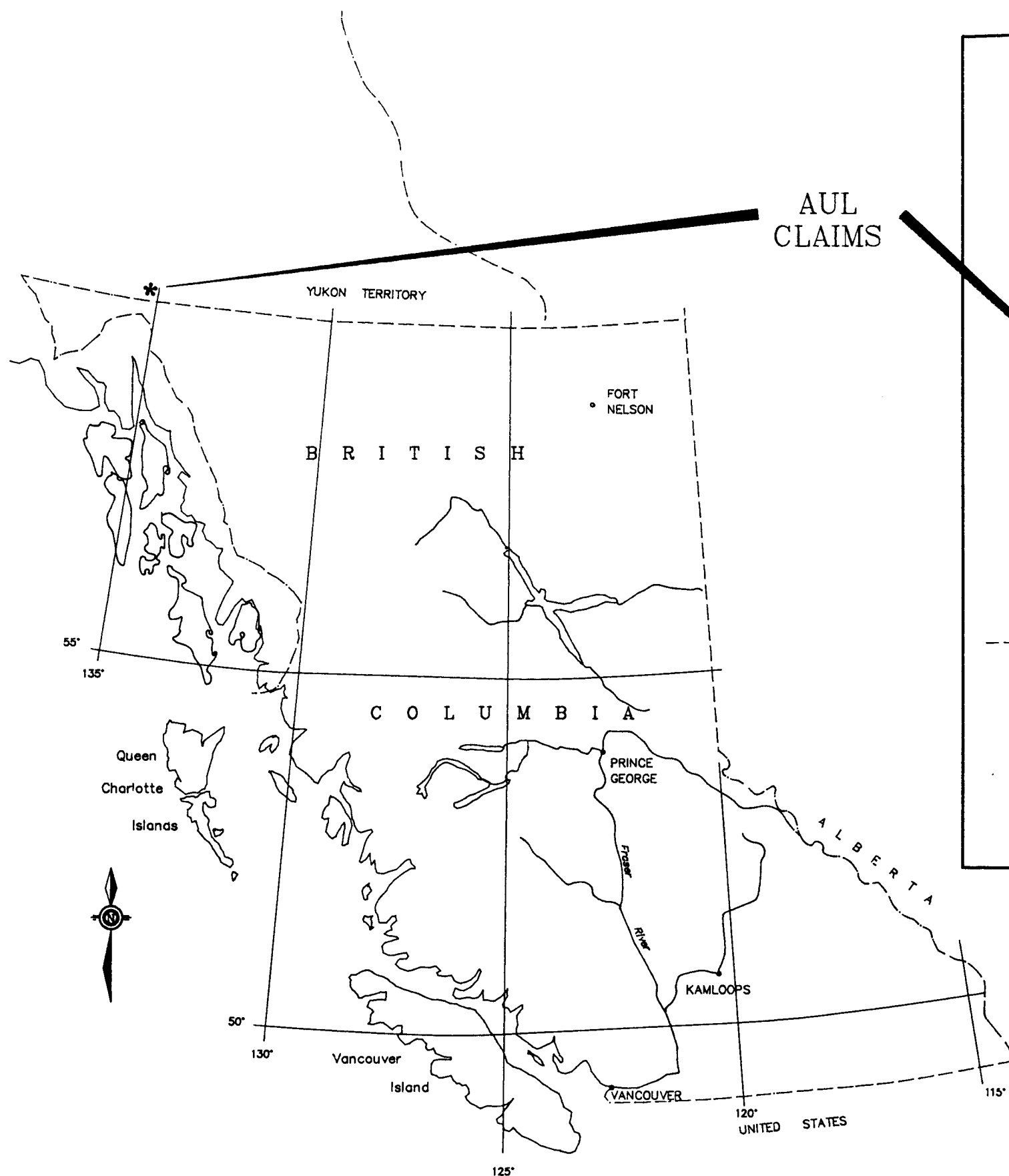
2.0

LOCATION, ACCESS, AND TOPOGRAPHY

The claims cover ground straddling the upper reaches of MacAuley Creek, southern Yukon, from the British Columbia boundary to the mountains north of MacAuley Creek, a distance of five kilometres.

Although much of the claims cover mountainous terrain, the ground in MacAuley Creek valley is of subdued topography. Elevations range from 1375 metres in the valley to peaks of 2150 metres. The valley floor is covered by sparse scrub pine, lakes, swamps, and alluvium. Higher elevations are bare outcrop and scree.

Access is by helicopter from either the Wheaton River strip or from a fly camp on the PART claims.



EAGLET MINES LTD.			
AUL CLAIMS			
LOCATION MAP			
PLAN No. 903	DRAWN BY: GEO-COMP	DATE July'86	FIGURE 1
Originator: AWG		N.T.S. 105 D	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

3.0

OWNERSHIP AND CLAIM STATUS

The claims consists of the following:

<u>Claim</u>	<u>Tag Number</u>	<u>Date Recorded</u>	<u>Recorded Owner</u>
AUL 1	87137	June 18, 1985	R.J. Bilquist
AUL 2	87138	"	"
AUL 3	87139	"	"
AUL 4	87140	"	"
AUL 5	87141	"	"
AUL 6	87142	"	"
AUL 7	87143	"	"
AUL 8	87144	"	"
AUL 9	87145	"	"
AUL 10	87146	"	"
AUL 11	87147	"	"
AUL 12	87148	"	"
AUL 13	87149	"	"
AUL 14	87150	"	"
AUL 15	87151	"	"
AUL 16	87152	"	"
AUL 17	87153	"	"
AUL 18	87154	"	"
AUL 19	87155	"	"
AUL 20	87156	"	"
AUL 21	87157	"	"
AUL 22	87158	"	"
AUL 23	87159	"	"
AUL 24	87160	"	"

4.0

HISTORY AND PREVIOUS WORK

The Bennett Lake caldera has been the scene of exploration for copper, molybdenum and silver at various times during the last 15 years.

In 1962 Kennecott Exploration carried out a silt sediment sampling program which led to the acquisition of claims near the centre of the caldera.

The AUL claims were staked to cover a contact between Tertiary rocks and basement and a strike extension of high grade silver veins known to occur on claims adjoining to the east.

5.0

GEOLOGY

5.1 Regional Geology

The Bennett Lake caldera and volcanic complex, described by Lambert (1974), straddles the boundary between British Columbia and Yukon Territory. A twin, the Skukum Caldera, lies 12 miles to the north. The Bennett Lake volcanic rocks contain more fragmental material than found in the Skukum Caldera.

Lambert describes the Bennett Lake caldera as a calderon subsidence complex filled by a succession of predominantly volcanoclastic units, each representing a separate volcanic event. Each unit consists of tuffs, ignimbrites or lava with, in some cases, subordinate sediments. In general the base of each unit is less welded than the overlying parts of the same unit.

The volcanic units are predominantly silicic in composition. Ash flow tuffs, ignimbrites and breccias are more abundant than lavas. Intrusive rhyolites, in particular a large ring dyke circumscribing the complex, are also present.

5.2 Property Geology

Lambert shows the area covered by the AUL claims to consist of quartz monzonite basement overlain by undifferentiated tuffs of the Partridge Lake Formation and densely welded ignimbrites of the MacAuley Creek Formation. The eastern portion of the claims cover Crozier volcanic and granitic fragment breccias and conglomerates, and Crozier tuffs and lavas. Late dykes and sills of rhyolite, dacite, andesite, and basalt crosscut all lithologies.

Grab samples collected are of the following lithologies; weakly silicified quartz pebble conglomerate, weak to moderately silicified grey lapilli tuff, breccias of lapilli tuff and lithic tuff cemented by quartz, and grey aphanitic quartz veins in clay altered host.

6.0

WORK CARRIED OUT IN 1986

Messrs. L. Allen and R. Bilquist spent June 12th, 1986 prospecting the property. A total of 49 rock samples were collected, of which 29 were selected for gold and silver analyses.

6.1 Laboratory Method

All samples were sent to Bondar-Clegg and Co., Whitehorse, Yukon for preparation. Pulps were shipped to Bondar-Clegg and Co., North Vancouver, B.C. for analysis.

All samples were processed as follows. The entire sample was put through a primary jaw crusher followed by a secondary cone crusher, which reduced the sample to 80% minus 10 mesh. A representative split of approximately 250 grams was obtained by passing the entire crushed sample through a Jones Riffle splitter, This split was then pulverized for 2.5 minutes in a ring and puck grinder which reduced the particle size to 99% minus 150 mesh.

The samples were analysed as follows:

Gold: two thirds of an assay ton by fire assay extraction and atomic absorption determination
Silver: Lefort aqua regia extraction, atomic absorption determination

6.2 Results

The samples analysed are float samples. Late snow cover presented an obstacle to thorough bedrock prospecting, but the angular nature of the float samples is strong evidence that they are locally derived.

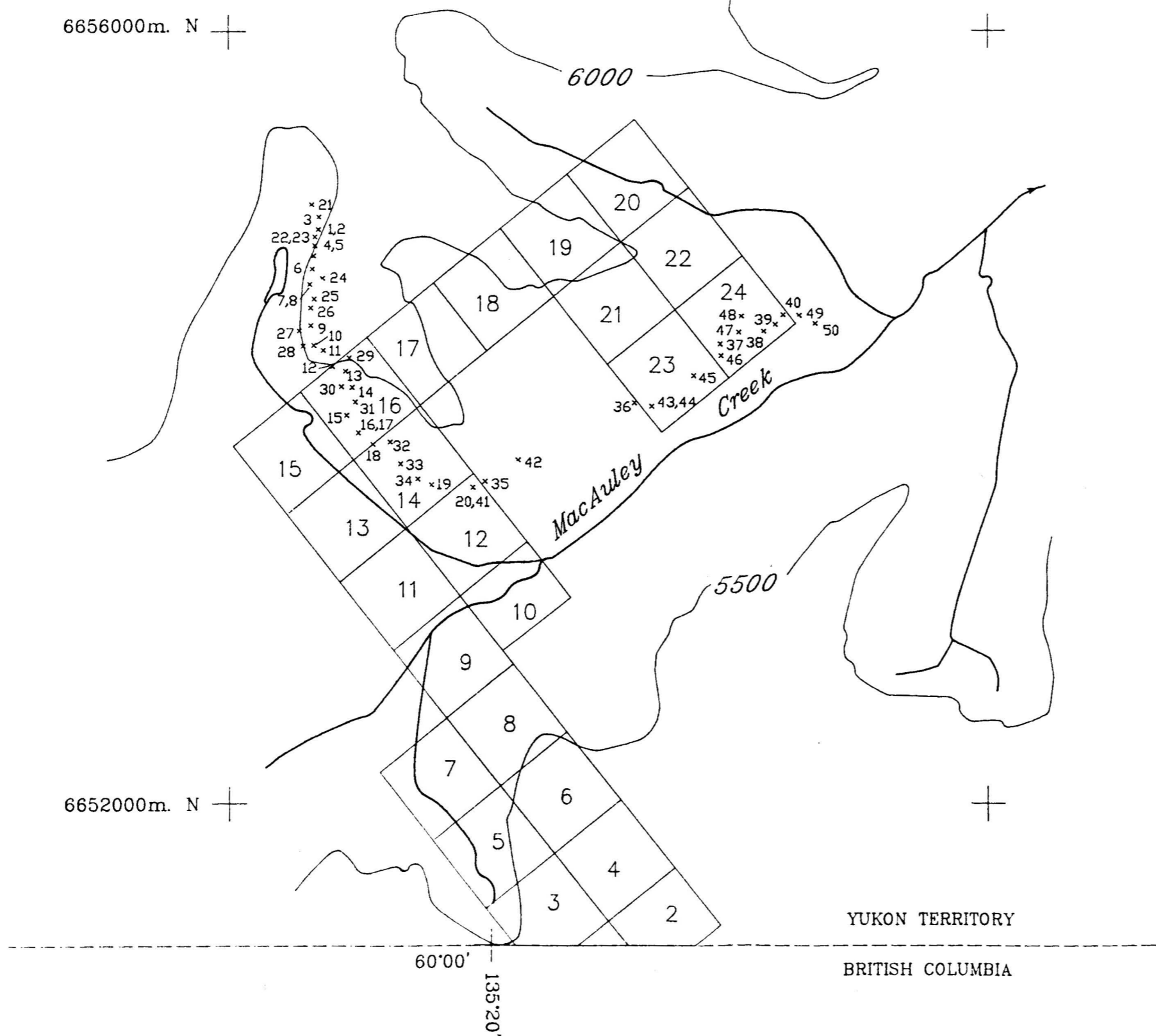
Of the 29 rock samples analysed six returned geochemically anomalous silver values ranging from 4.6 to a high of 26.0 ppm. Gold values are uniformly low.



4800000m. N
6656000m. N

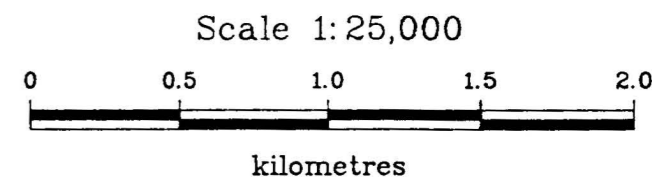
4840000m. N

6652000m. N



SAMPLE No.	RESULTS	
	Ag (ppm)	Au (ppb)
AUL 2	0.6	-5
AUL 3	4.6	-5
AUL 7	8.8	-5
AUL 8	13.0	-5
AUL 11	2.6	-5
AUL 12	5.5	-5
AUL 13	26.0	-5
AUL 15	3.0	-5
AUL 16	0.9	-5
AUL 17	3.4	-5
AUL 18	0.5	-5
AUL 21	0.2	-5
AUL 24	8.5	-5
AUL 26	2.3	-5
AUL 27	0.5	-5
AUL 29	0.2	-5
AUL 30	1.2	-5
AUL 31	0.2	-5
AUL 32	-0.2	-5
AUL 33	0.8	-5
AUL 34	0.3	10
AUL 35	1.0	-5
AUL 36	0.8	-5
AUL 37	-0.2	-5
AUL 38	-0.2	-5
AUL 40	-0.2	-5
AUL 42	0.6	-5
AUL 44	1.4	-5
AUL 46	0.7	-5

*42 Rock Sample Location and Number
 Creek



EAGLET MINES LTD.			
AUL CLAIMS			
GEOCHEMISTRY			
ROCK SAMPLE LOCATIONS AND RESULTS			
PLAN No. 933	DRAWN BY: GEO-COMP	DATE July'86	FIGURE 2
Originator: AWG		N.T.S. 105D/3	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

7.0

CONCLUSIONS

- 1) The AUL claims cover an area of quartz monzonite basement overlain by tuffs and ignimbrites. These rocks have been brecciated and cemented by quartz.
- 2) Quartz veins and silica cemented breccias are weakly anomalous in silver.

8.0

REFERENCES

- Lambert, M.B.
The Bennett Lake Cauldron Subsidence Complex,
British Columbia and Yukon Territory
Geological Survey of Canada Bulletin 227
- Longe, R.V., 1985
PART CLAIMS, Partridge Lake, Southwest Yukon
MineQuest Exploration Associates Ltd.
Report No. 111

APPENDIX I

**Names and Addresses of Persons Performing Work
Described in this Report**

APPENDIX I

Names and Addresses of Persons Performing
Work Described in this Report

L.O. Allen
Box 128
Gabriola Island, B.C.
VOR 1X0

R.J. Bilquist
Box 81
Gabriola Island, B.C.
VOR 1X0

APPENDIX II

Laboratory Reports



REPORT: 126-1957

PROJECT: PARTRIDGE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Au PPB
R2 AUL 3		4.6	<5
R2 AUL 7		8.8	<5
R2 AUL 8		13.0	<5
R2 AUL 12		5.5	<5
R2 AUL 13		26.0	<5
R2 AUL 21		0.2	<5
R2 AUL 24		8.5	<5
R2 AUL 27		0.5	<5
R2 AUL 29		0.2	<5
R2 AUL 30		1.2	<5
R2 AUL 31		0.2	<5
R2 AUL 32		<0.2	<5
R2 AUL 34		0.3	10
R2 AUL 37		<0.2	<5
R2 AUL 38		<0.2	<5
R2 AUL 40		<0.2	<5

APPENDIX III

Cost Statement

APPENDIX III

Cost Statement - AUL CLAIMS

Fees and Wages

Les Allen	\$ 250.00	
Ron Bilquist	250.00	
A.W. Gourlay	<u>385.00</u>	\$ 885.00

Disbursements

Helicopter 1.9 hrs. at \$530.00	\$ 636.00	
Food and accommodation	170.00	
Analysis	351.65	
Drafting (estimated)	200.00	
Telephone, courier	50.00	
Report preparation (estimated)	<u>250.00</u>	1,657.65
		<u>1,657.65</u>
		<u><u>\$2,542.65</u></u>

APPENDIX IV

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Andrew Gourlay, hereby certify that:

1. I am presently employed by MineQuest Exploration Associates Ltd. as Senior Geologist
2. I am a graduate of the University of British Columbia (B.Sc. Hons., 1977, in geology).
3. I am a Professional Geologist in good standing with the Association of Professional Engineers, Geologists and Geophysicists of Alberta, and a Fellow of the Geological Association of Canada.
4. I have practised my profession as geologist for nine years.
5. The information used in this report is based on notes and discussions with Les Allen and Ron Bilquist, who carried out the prospecting and sampling.

Signed


Andrew W. Gourlay

Dated at Vancouver, B.C.
this 7th day of August, 1986

APPENDIX V

Application for a Certificate of Work
and Application to Group Mineral Claims



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
YUKON QUARTZ MINING ACT
FORM "C" - APPLICATION FOR A CERTIFICATE OF WORK

(This form required in duplicate with sketch showing location of work.)

(Name)	S. Price	Occupation	Claims Manager
(Postal Address)	MineQuest Exploration Associates Ltd. Suite 201-311 Water St., Vancouver, B.C., V6B 1B8		

OFFICE DATE STAMP

MAKE OATH AND SAY, THAT:

- I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
- I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

The precise locations of the samples (see below) are not yet available to the undersigned.

situated at MacAuley Creek Claim Sheet No. 105 D/3
in the Whitehorse Mining District, to the value of at least \$ 1,200.00
dollars, since the 1st day of June 1986

to represent the following mineral claims under the authority of Grouping Certificate No. _____

(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

Group: AUL SOUTH

One year's renewal is requested for the following claims:

GRANT NUMBER(S)	CLAIM NAME(S)
YA87149	AUL 13
YA87150	AUL 14
YA87151	AUL 15
YA87152	AUL 16
YA87153	AUL 17
YA87154	AUL 18
YA87155	AUL 19
YA87156	AUL 20
YA87157	AUL 21
YA87158	AUL 22
YA87159	AUL 23
YA87160	AUL 24

- The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53.)

The claims were prospected and samples collected by Messrs. L. Allen and R. Bilquist using a helicopter on June 12th, 1986. Samples are being analysed and a report prepared.

Sworn before me at Vancouver, British Columbia
this 30th day of June 1986

Brian E. Abraham

Notary Public for British Columbia

BRIAN E. ABRAHAM
Barrister & Solicitor
2500 - 595 BURRARD STREET
P.O. BOX 49200
VANCOUVER, B.C. V7X 1L1

S. Price
Owner or Authorized Agent

S. Price

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

YUKON QUARTZ MINING ACT

APPLICATION TO GROUP MINERAL CLAIMS

GROUP: AUL SOUTH

MINING DISTRICT WHITEHORSE

OFFICE DATE STAMP

I (We) the undersigned owner(s) or agent(s) of the owner(s) of the following Mineral Claims

GRANT NUMBER(S)	CLAIM NAME(S)	LOCATION	CLAIM SHEET NO.
YA87149	AUL 13	MACAULEY CREEK	105 D/3
YA87150	14	"	"
YA87151	15	"	"
YA87152	16	"	"
YA87153	17	"	"
YA87154	18	"	"
YA87155	19	"	"
YA87156	20	"	"
YA87157	21	"	"
YA87158	22	"	"
YA87159	23	"	"
YA87160	24	"	"

Give notice of intention to group the said claims for the performance of work and do hereby apply under the provisions of Section 52 of the Yukon Quartz Mining Act for a certificate in Form "E"

I (We) hereby certify that the above claims are adjoining as shown on attached sketch

DATED AT Vancouver, British Columbia

S. Price
S. Price

THIS 30th DAY OF June 19 86 for Ronald J. Bilquist

and for Leslie O. Allen

FOR OFFICE USE ONLY

FORM "E" NO.

RECEIPT NO.

DATE APPLIED

owner(s) signature



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
YUKON QUARTZ MINING ACT
FORM "C" - APPLICATION FOR A CERTIFICATE OF WORK

(This form required in duplicate with sketch showing location of work.)

I (Name)	S. Price	Occupation	Claims Manager
(Postal Address)	MineQuest Exploration Associates Ltd. Suite 201-311 Water St., Vancouver, B.C., V6B 1B8		

OFFICE DATE STAMP

MAKE OATH AND SAY, THAT:

- I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
- I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

The precise locations of the samples (see below) are not yet available to the undersigned.

situated at MacAuley Creek Claim Sheet No. 105 D/3
in the Whitehorse Mining District, to the value of at least \$1,200.00
dollars, since the 1st day of June 19 86.

to represent the following mineral claims under the authority of Grouping Certificate No. _____
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).
Group: AUL NORTH

One year's renewal is requested for the following claims:

GRANT NUMBER(S)	CLAIM NAME(S)
YA87137	AUL 1
YA87138	AUL 2
YA87139	AUL 3
YA87140	AUL 4
YA87141	AUL 5
YA87142	AUL 6
YA87143	AUL 7
YA87144	AUL 8
YA87145	AUL 9
YA87146	AUL 10
YA87147	AUL 11
YA87148	AUL 12

- The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53.)

The claims were prospected and samples collected by Messrs. L. Allen and R. Bilquist using a helicopter on June 12th, 1986. Samples are being analysed and a report prepared.

Sworn before me at Vancouver, British Columbia
this 30 day of JUNE 19 86.

[Signature]

Notary Public For British Columbia

[Signature]

Owner or Authorized Agent

S. Price

BRIAN E. ABRAHAM
Barrister & Solicitor
2500 - 595 BARRARD STREET
P.O. BOX 49200
VANCOUVER, B.C. V7X 1L1

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

YUKON QUARTZ MINING ACT

APPLICATION TO GROUP MINERAL CLAIMS

GROUP: AUL NORTH

MINING DISTRICT WHITEHORSE

I (We) the undersigned owner(s) or agent(s) of the owner(s) of the following Mineral Claims

OFFICE DATE STAMP

GRANT NUMBER(S)	CLAIM NAME(S)	LOCATION	CLAIM SHEET N
YA87137	AUL 1	MACAULEY CREEK	105 D/3
YA87138	AUL 2	"	"
YA87139	AUL 3	"	"
YA87140	AUL 4	"	"
YA87141	AUL 5	"	"
YA87142	AUL 6	"	"
YA87143	AUL 7	"	"
YA87144	AUL 8	"	"
YA87145	AUL 9	"	"
YA87146	AUL 10	"	"
YA87147	AUL 11	"	"
YA87148	AUL 12	"	"

Give notice of intention to group the said claims for the performance of work and do hereby apply under the provisions of Section 52 of the Yukon Quartz Mining Act for a certificate in Form "E"

I (We) hereby certify that the above claims are adjoining as shown on attached sketch

DATED AT Vancouver, British Columbia

S. Price
S. Price

THIS 30th DAY OF June 19 86

for Ronald J. Bilquist

and for Leslie O. Allen

FOR OFFICE USE ONLY
FORM "E" NO.
RECEIPT NO.
DATE APPLIED

owner(s) signature