

REPORT ON THE

EVA 98-102

YC 12178-YC12182

NTS 116 C - 7

QUARTZ CLAIMS

DAWSON MINING DISTRICT

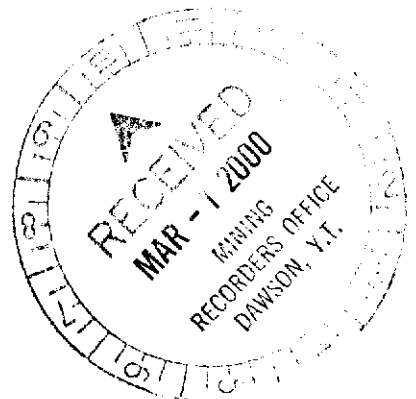
YUKON TERRITORY

JULY 27-29, 1999.

094094

Brian Sauer

February 23, 2000



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 \$ 500.00.

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

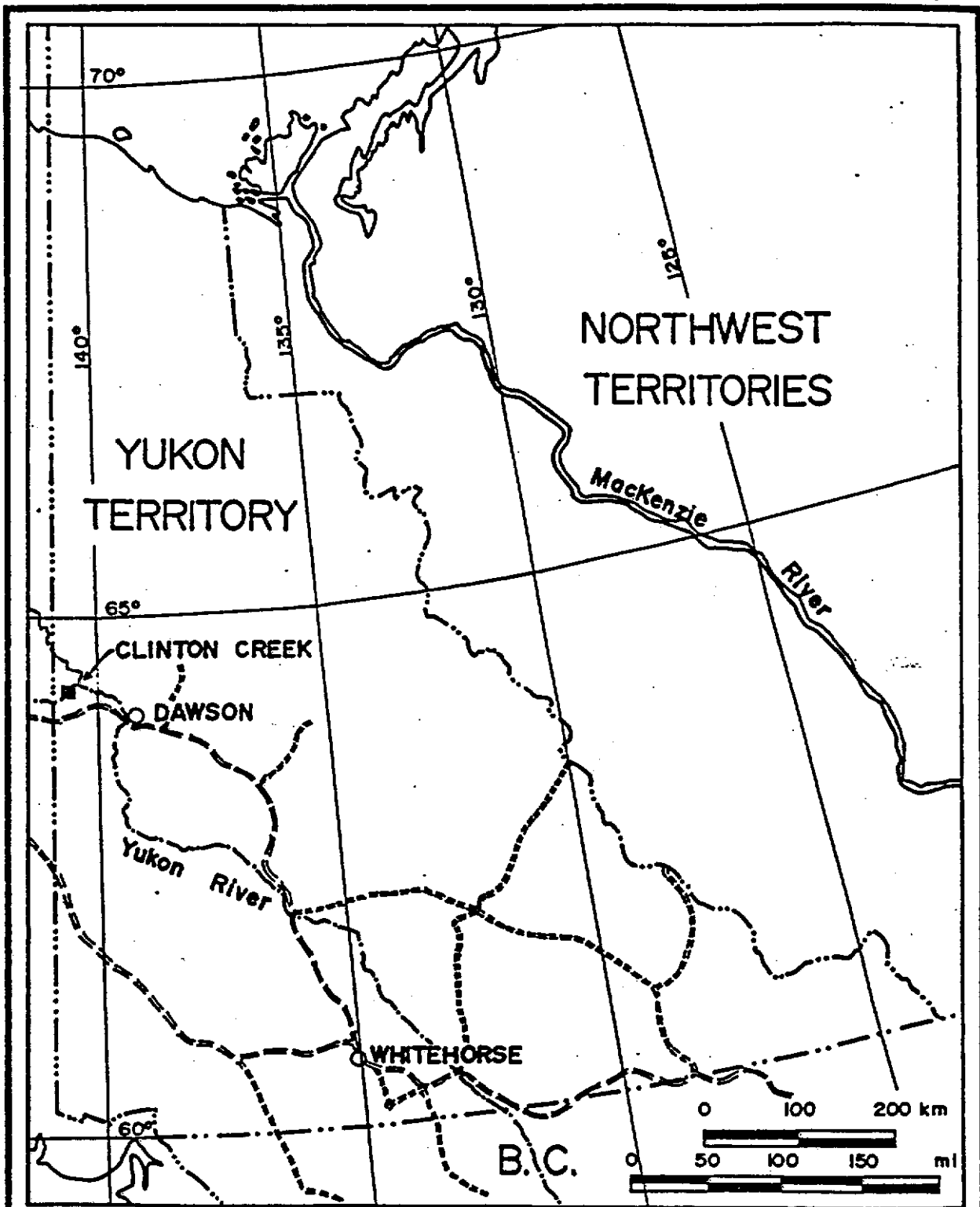
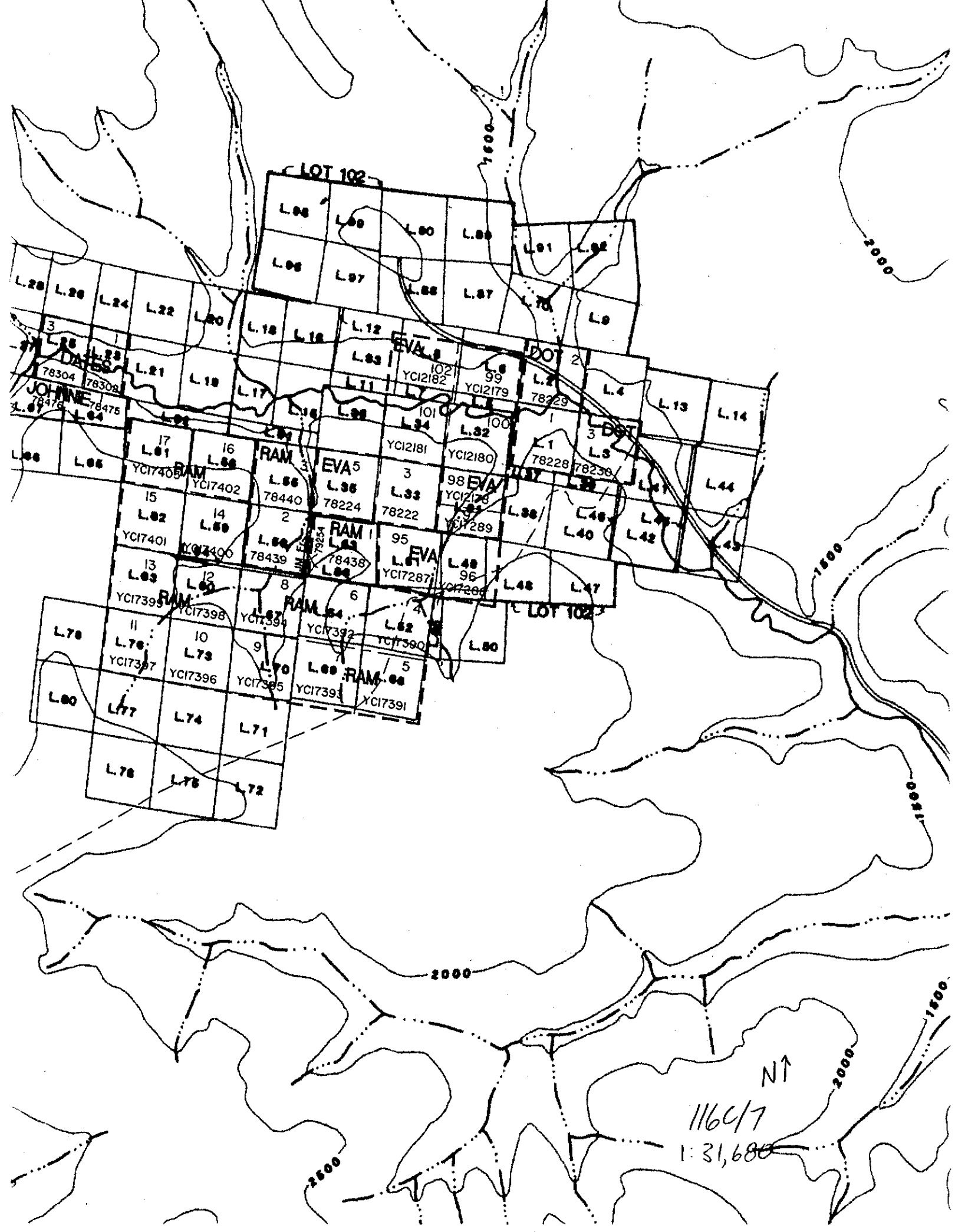


FIG. 1: LOCATION OF THE CLINTON CREEK ASBESTOS DEPOSIT

From Htoon 1979



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INTRODUCTION

This is a report of a preliminary examination of the EVA 98-102 Quartz claims on July 27-29, 1999. The idea was to test for the possibility of economic mineralization other than asbestos on this property.

PROPERTY LOCATION

The EVA 98-102 claims cover a part of the no longer mined Clinton Creek Asbestos Mine. They are on map sheet 116 C7 ; latitude $64^{\circ} 23' N$: longitude $140^{\circ} 23' W$ approximately.

ACCESS

The access to this property is west for 53 kilometers from Dawson City, Yukon Territory, Canada, along the Top of the World Highway. Then 42 kilometers north on the Clinton Creek Road to the old Clinton Creek Asbestos Mine.

GEOLOGY

The EVA 98-102 generalized geology is best explained in an excerpt of M. Htoons' 1975 report " The Clinton Creek Asbestos Project, 1975, Department of Geological Sciences, University of British Columbia ". In which he states...' Country rocks are metamorphic rocks of the Yukon Group, whose age though uncertain is believed to be late PreCambrian and or early Paleozoic. Specific lithologies found include thin-bedded limestone, sandstone and shale in the sedimentary category ; argillite, marble, slate phyllite, quartz-mica schist, quartzite and quartz-biotite gneiss in the metamorphic group; and diorite, andesite, serpentized ultramafics and serpentines in the igneous group. Quartz carbonate rock is found as an alteration product here and there throughout the area adjacent to some serpentinite bodies.

There are four major structural trends in this area that could be delineated only by detailed mapping of individual outcrops. Probably the oldest and most complex trend ($300-315^{\circ}$ azimuth) is roughly parallel to the direction of the Tintina Trench. The second oldest trend is approximately east-west ($080-090^{\circ}$ azimuth). The third and fourth structural trends are southwesterly and northerly, but no evidence has yet been found to show the relative ages of these two youngest structural events. North-trending structural features are not well preserved within the mapped area. *

GEOCHEMICAL SURVEY

The EVA 98-102 Quartz claims are predominately staked

over an area of intense past mining activity. In ' Mines and Minerals, 1975 pp18 the Cassiar Asbestos Corporation Ltd. produced an estimated 112,000 tons of fibre, and employed 319 people at this site, mined from 1967 to 1979.

The area of initial sampling was of the many diverse rock types found in the waste dump, creek and roadside. Ten samples were taken and sent to Northern Analytical Laboratories Ltd. in Whitehorse, Yukon Territory. Initial analysis was with gold for a predominant mineral; however due to the elevated Nickel content Platinum Group Elements will also be tested for in future programs.

Sample descriptions are as follows:

- 001 Waste dump EVA 98
- Strongly veined black argillite; vuggy quartz veins tiny Iron rich carbonate veinlets, minor disseminated malachite.
- 002 Waste EVA 101
- Finely laminated black argillite containing $\frac{1}{4}$ - $\frac{1}{2}$ % pyrite cubes .1 millimeter on average.
- 003 Waste EVA 100
- Tan colored carbonate rich massive quartzite?
- 004 Waste EVA 100
- Brown (fragments) in a quartzite breccia cemented by vuggy white quartz; 50% of the fragments are rounded to angular in a quartz matrix.
- 005 Waste EVA 101
- Strongly silicified (black) and argillic (light green) altered very fine grained breccia Rusty (iron oxides) and manganese? coated.
- 006 Float EVA 99
- Banded quartz (grey) brown carbonate and visible pyrite to 5% in vein less than 5 millimeters wide.
- 007 Outcrop west of mill EVA 98
- Rusty brown altered non-fizzy carbonate, light green clay and minor apple green clay or mica (listwanite?).

- 008 North of pit EVA 102
Recrystallized black basalt? cut by 1 centimeter
white coarse grained quartz/calcite vein.
- 009 Outcrop south west of mill EVA 98
Rusty brown black stained grey quartz.
- 010 Waste near pit EVA 102
Minor shearing in green to black serpentine.

CONCLUSIONS AND COMMENTS

Further work will expand on this very preliminary examination of this property. Concentrating on actual outcrop, through the use of intense prospecting and sampling of the major rock outcrops and faults/linears. Platinum Group Elements will also be checked for as an analytical tool in determining further possible economic mineralization.

Prospecting will also include follow up on the four main structural trends (lineaears?) outlined by M. Htoon, who also speculated that more than one period of chrysotile formation occurred in this region but more evidence is necessary. It is hoped that other forms of mineralization also went through at these times.

As well many VMS (volcanogenic massive sulphides) occurrences are located in this geologic environment ie: Clip, Mickey, Mort, Rub, Ball, Finlayson Lake area, and the Delta District of Alaska. Further work will attempt to outline economic mineralization on this grassroots property.

COST STATEMENT

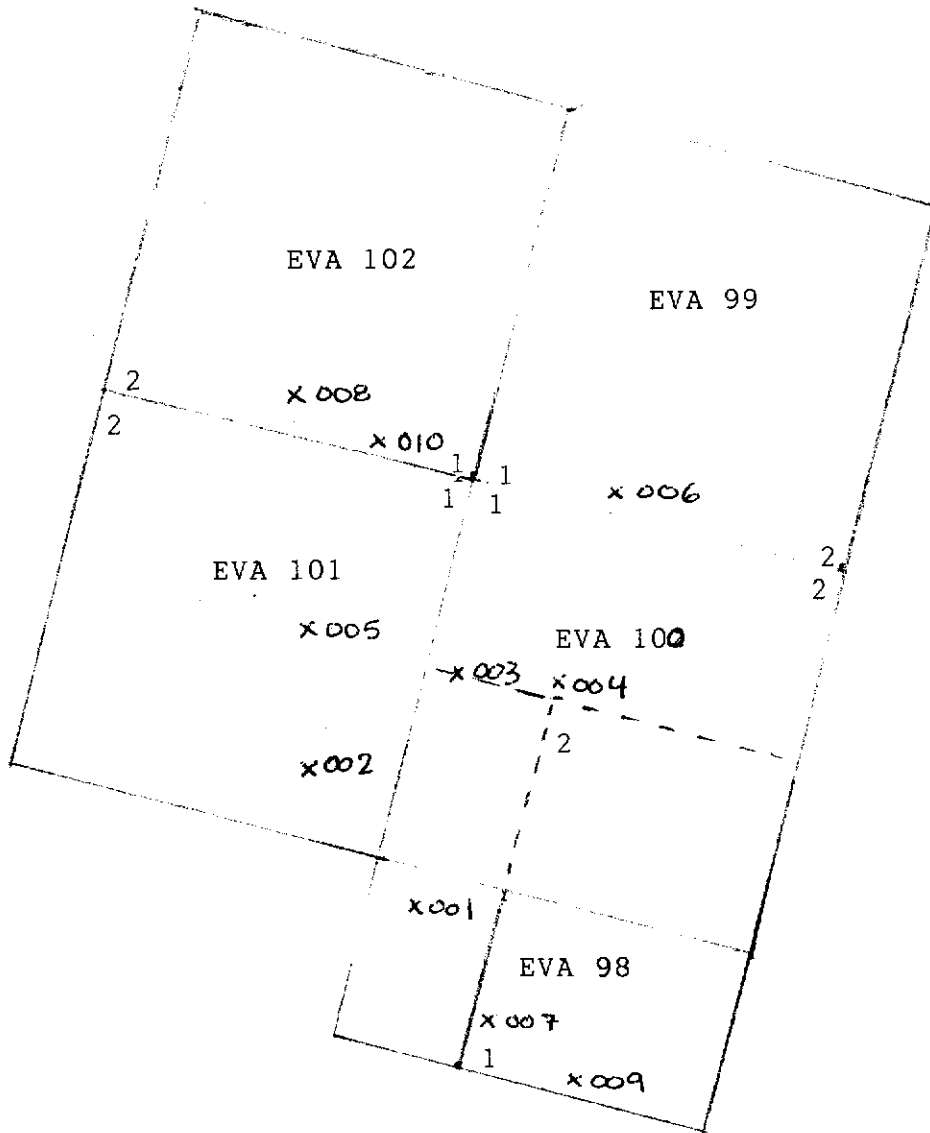
HARDWARE	25.07
FUEL	180.08
FOOD	123.92
TRUCK RENTAL 2 days @ 100.00/day	200.00
ASSAYS 10 Rock Samples	132.54
Fire Assay/30 Element ICP	
MAPS	25.68
SHIPPING	23.30
SUPPLIES	7.34
LABOR 2.5 @ 250.00/day	625.00
July 27-29, 1999.	
TOTAL	\$ 1,342.93

All costs were used in the examination of the EVA 98-102
Quartz Claims, 116C-7, from July 27-29, 1999.

SAMPLE LOCATIONS

EVA 98-102

JULY 27-29, 1999



Approximate locations of EVA 98-102 rock samples taken from July 27-29, 1999. Map sheet 116 C - 7. note this is a field sketch and not exactly as shown.

19/08/99

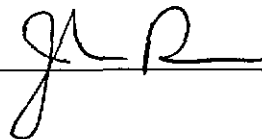
Certificate of Analysis

of pages (not including this page): 1

Brian Sauer

WO# 05712

Certified by _____
John Reeve (Senior Chemist)



Date Received: 02/08/99

SAMPLE PREPARATION:							
Code	# of Samples	Type	Preparation Description (All wet samples are dried first.)				
r	10	rock	Crush to -10 mesh; riffle split 200g; pulverize to -100 mesh				

ANALYTICAL METHODS SUMMARY:							
Symbol	Units	Element	Method (A:assay) (G:geochem)	Fusion/Digestion	Lower Limit	Upper Limit	
Au	ppb	Gold	G: FA/AAS	15g FA / aqua regia	5	7000	

AAS = atomic absorption spectrophotometry
FA = fire assay

$$1000\text{ppb} = 1\text{ppm} = 1\text{g/mt} = 0.0001\% = 0.029166\text{oz/ton}$$

19/08/99

Certificate of Analysis

Page 1

Brian Sauer

WO#05712

Certified by JR

Sample #	Au ppb
r 001	<5
r 002	17
r 003	<5
r 004	<5
r 005	<5
r 006	<5
r 007	<5
r 008	<5
r 009	5
r 010	<5



INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

IPL 99H0775

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898
[077515:55:38:99082499]

Northern Analytical Laboratories

Project : W.O. 05712
Shipper : Norm Smith
Shipment: PO#: 176708
Analysis:
ICP(AqR)30

10 Samples

Out: Aug 24, 1999 In: Aug 20, 1999

Comment:

Document Distribution

1 Northern Analytical Laboratories	EN RT CC IN FX
105 Copper Road	1 2 1 1 0
Whitehorse	DL 3D EM BT BL
YT Y1A 2Z7	0 0 0 0 0
Canada	
Att: Norm Smith	Ph:867/668-4968
	Fx:867/668-4890
	Em:NAL@hypertech.yk.ca

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT		
B311	10	Pulp	Pulp received as it is, no sample prep.	12M/Dis	00M/Dis		
NS=No Sample Rep=Replicate M=Month Dis=Discard							
Analytical Summary							
##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0721	ICP	ppm	Ag ICP	Silver	0.1	99.9
02	0711	ICP	ppm	Cu ICP	Copper	1	20000
03	0714	ICP	ppm	Pb ICP	Lead	2	20000
04	0730	ICP	ppm	Zn ICP	Zinc	1	20000
05	0703	ICP	ppm	As ICP	Arsenic	5	9999
06	0702	ICP	ppm	Sb ICP	Antimony	5	999
07	0732	ICP	ppm	Hg ICP	Mercury	3	9999
08	0717	ICP	ppm	Mo ICP	Molybdenum	1	999
09	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	999
10	0705	ICP	ppm	Bi ICP	Bismuth	2	9999
11	0707	ICP	ppm	Cd ICP	Cadmium	0.1	99.9
12	0710	ICP	ppm	Co ICP	Cobalt	1	9999
13	0718	ICP	ppm	Ni ICP	Nickel	1	9999
14	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	9999
15	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	999
16	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	9999
17	0729	ICP	ppm	V ICP	Vanadium	2	9999
18	0716	ICP	ppm	Mn ICP	Manganese	1	9999
19	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	9999
20	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	9999
21	0731	ICP	ppm	Zr ICP	Zirconium	1	9999
22	0736	ICP	ppm	Sc ICP	Scandium	1	9999
23	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	1.00
24	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	9.99
25	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	9.99
26	0712	ICP	%	Fe ICP	Iron	0.01	9.99
27	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	9.99
28	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	9.99
29	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	5.00
30	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

EN=Envelope # RT=Report Style CC=Copies IN=Invoices Fx=Fax(1=Yes 0=No) Totals: 1=Copy 1=Invoice 0=3 1/2 Disk

DL=Download 3D=3 1/2 Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C030901

* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu



**RECORD OF MINERAL CLAIM
Form 3, Sections 39, 41 & 94
YUKON QUARTZ MINING ACT**

Dawson Mining District	Situated: Forty Mile River Area
Mining Claim: Eva 98 Grant Number: YC12178	Claim Sheet No.(s): 116C07

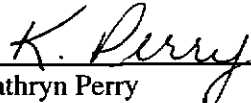
Located by: Brian R. Sauer of Whitehorse, YT.

Direction of line from post 1 to post 2: North

Distance in feet of the location line: 1500 feet.

Direction of throw: Right 1080 feet, Left 420 feet

Section Number(s):

Date Claim Located: 26 August 1998	Date Claim Recorded: 26 August 1998	Effective To: 26 August 1999
I have received the fee prescribed by the Yukon Quartz Mining Act for recording a mineral claim.		 Kathryn Perry Dawson Mining Recorder
General Receipt Number: C114995	Fees: \$10.00	



**RECORD OF MINERAL CLAIM
Form 3, Sections 39, 41 & 94
YUKON QUARTZ MINING ACT**

Dawson Mining District	Situated: Forty Mile River Area
Mining Claim: Eva 99 Grant Number: YC12179	Claim Sheet No.(s): 116C07

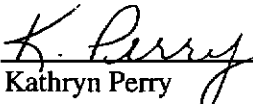
Located by: Brian R. Sauer of Whitehorse, YT.

Direction of line from post 1 to post 2: East

Distance in feet of the location line: 1500 feet.

Direction of throw: Left 1500 feet

Section Number(s):

Date Claim Located: 26 August 1998	Date Claim Recorded: 26 August 1998	Effective To: 26 August 1999
I have received the fee prescribed by the Yukon Quartz Mining Act for recording a mineral claim.		 Kathryn Perry Dawson Mining Recorder
General Receipt Number: C114995	Fees: \$10.00	



**RECORD OF MINERAL CLAIM
Form 3, Sections 39, 41 & 94
YUKON QUARTZ MINING ACT**

Dawson Mining District	Situated: Forty Mile River Area
Mining Claim: Eva 100 Grant Number: YC12180	Claim Sheet No.(s): 116C07

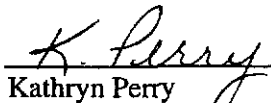
Located by: Brian R. Sauer of Whitehorse, YT.

Direction of line from post 1 to post 2: East

Distance in feet of the location line: 1500 feet.

Direction of throw: Right 1500 feet

Section Number(s):

Date Claim Located: 26 August 1998	Date Claim Recorded: 26 August 1998	Effective To: 26 August 1999
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General Receipt Number: C114995	Fees: \$10.00	



**RECORD OF MINERAL CLAIM
Form 3, Sections 39, 41 & 94
YUKON QUARTZ MINING ACT**

Dawson Mining District	Situated: Forty Mile River Area
Mining Claim: Eva 101 Grant Number: YC12181	Claim Sheet No.(s): 116C07


Located by: Brian R. Sauer of Whitehorse, YT.

Direction of line from post 1 to post 2: West

Distance in feet of the location line: 1500 feet.

Direction of throw: Left 1500 feet

Section Number(s):

Date Claim Located: 26 August 1998	Date Claim Recorded: 26 August 1998	Effective To: 26 August 1999
I have received the fee prescribed by the Yukon Quartz Mining Act for recording a mineral claim.		 Kathryn Perry Dawson Mining Recorder
General Receipt Number: C114995	Fees: \$10.00	



**RECORD OF MINERAL CLAIM
Form 3, Sections 39, 41 & 94
YUKON QUARTZ MINING ACT**

Dawson Mining District	Situated: Forty Mile River Area
Mining Claim: Eva 102 Grant Number: YC12182	Claim Sheet No.(s): 116C07


Located by: Brian R. Sauer of Whitehorse, YT.

Direction of line from post 1 to post 2: West

Distance in feet of the location line: 1500 feet.

Direction of throw: Right 1500 feet

Section Number(s):

Date Claim Located: 26 August 1998	Date Claim Recorded: 26 August 1998	Effective To: 26 August 1999
I have received the fee prescribed by the Yukon Quartz Mining Act for recording a mineral claim.		 Kathryn Perry Dawson Mining Recorder
General Receipt Number: C114995	Fees: \$10.00	