

**YEIP
2003-026
2003**

**REPORT OF 2003 FIELD ACTIVITIES
FUNDED UNDER YMIP GRANT #03-026**

**Au Property
Ross River Area**

**NTS 105 G 06
Lat. 61°29'30"N, Long. 131°12'W
Watson Lake Mining District
Yukon Territory, Canada**

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**YEIP
2003-026
2003**

TABLE OF CONTENTS

	PAGE
INTRODUCTION	1
PROPERTY LOCATION AND ACCESS	1
PROPERTY DESCRIPTION	1
REGIONAL AND PROPERTY GEOLOGY	4
PREVIOUS WORK AND EXPLORATION ACTIVITY	4
DESCRIPTION AND SUMMARY OF WORK	4
ANALYSIS AND RESULTS	6
CONCLUSIONS AND RECOMMENDATIONS	6
REFERENCES	7

LIST OF FIGURES

FIGURE 1 – Location Map	2
FIGURE 2 – Claim Map	3
FIGURE 3 – Regional Geology	5
Claim Map Sheet – 105G/06	in Map Pocket

LIST OF TABLES

TABLE 1 – Claim Data	4
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LIST OF APPENDICES

APPENDIX A – Synoptic Log / Field Notes	9
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INTRODUCTION

Area access reconnaissance and initial investigation consisting of regional and property scale prospecting were carried out over the course of the 2003 exploration season on the Au property.

The obvious lack of well developed reaction zones around the sporadically developed vein systems pointed to the lack of prospectivity of this area for gemstones. Difficult access and early snow at elevation proved to be further disincentives to a continued program in this area. The claims will be allowed to lapse on the anniversary of their staking.

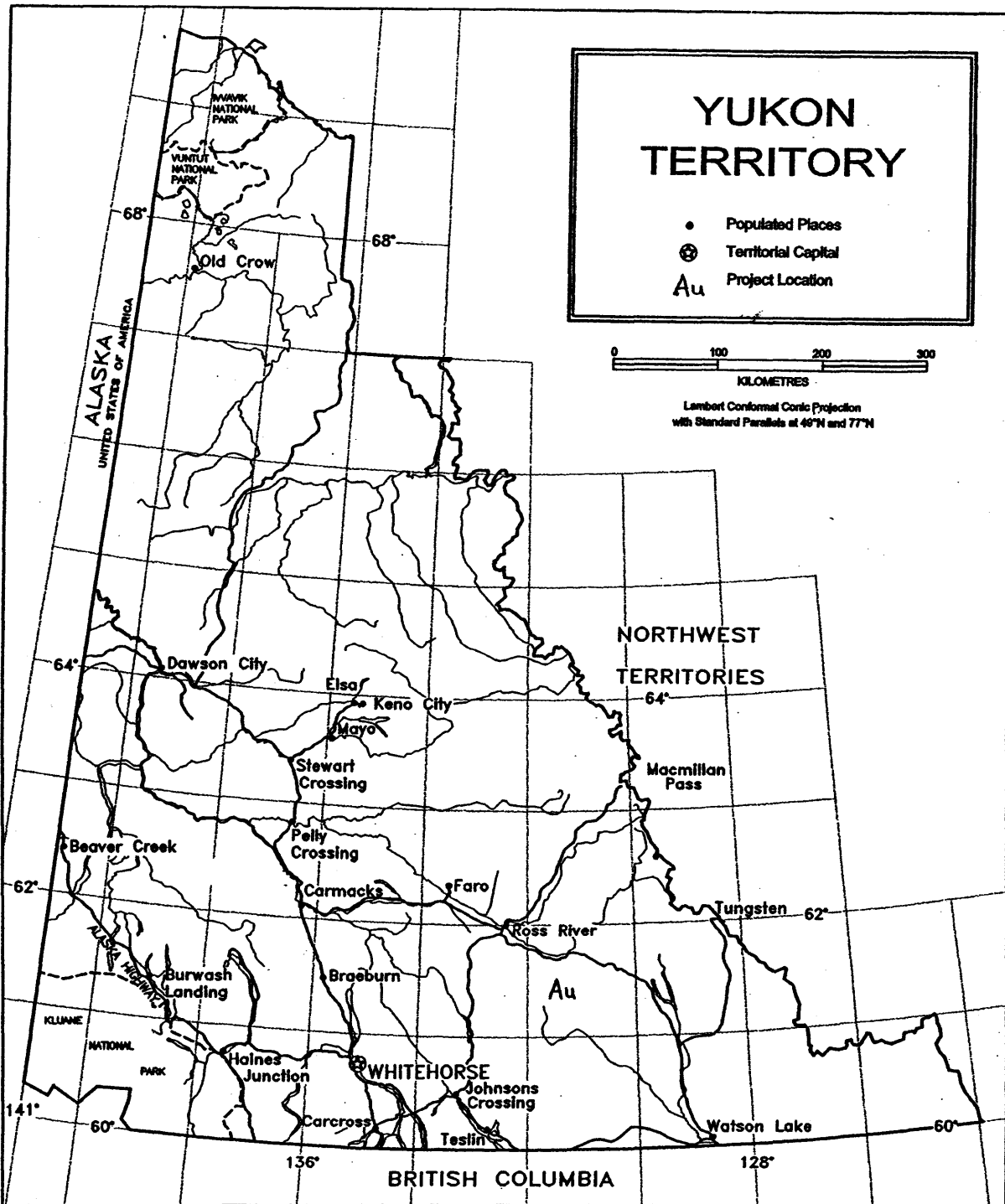
PROPERTY LOCATION AND ACCESS

The Au property is located 70 kilometers southeast of Ross River in the central Finlayson Lake area, 12.5 km northeast of the Tintina Trench, and 25 kilometers south of the Robert Campbell Highway at the Mink Creek bridge. Located on claim and NTS Map Sheet 105 G 06 (see Appendix A for recent claim map) the property lies within the Watson Lake Mining District. The geographic coordinates of the property are 61°29'30"N and 131°12'W (see Fig 1).

Access to the property is via helicopter from Ross River, where Trans North has a year-round base. Logistically, Watson Lake and/or Whitehorse provides supplies, equipment and government services for the district. Access via a trail shown on claim maps (105G 06 and 11) to the Mt. Vermillion area, was found to unusable except maybe during a dry year or after freeze up.

PROPERTY DESCRIPTION

The Au Property consists of 12 contiguous mineral claims, as shown in Figure 2 and listed in Table 1 that follows on the next page. The claims were staked on January 30, 2003 and recorded February 4, 2003.



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PROPERTY LOCATION MAP

SCALE: 1 : 6,000,000	FILE: WC97_2	DATE: 97.12.19
NTS: 105 C/14	DRAWN:	FIGURE 1

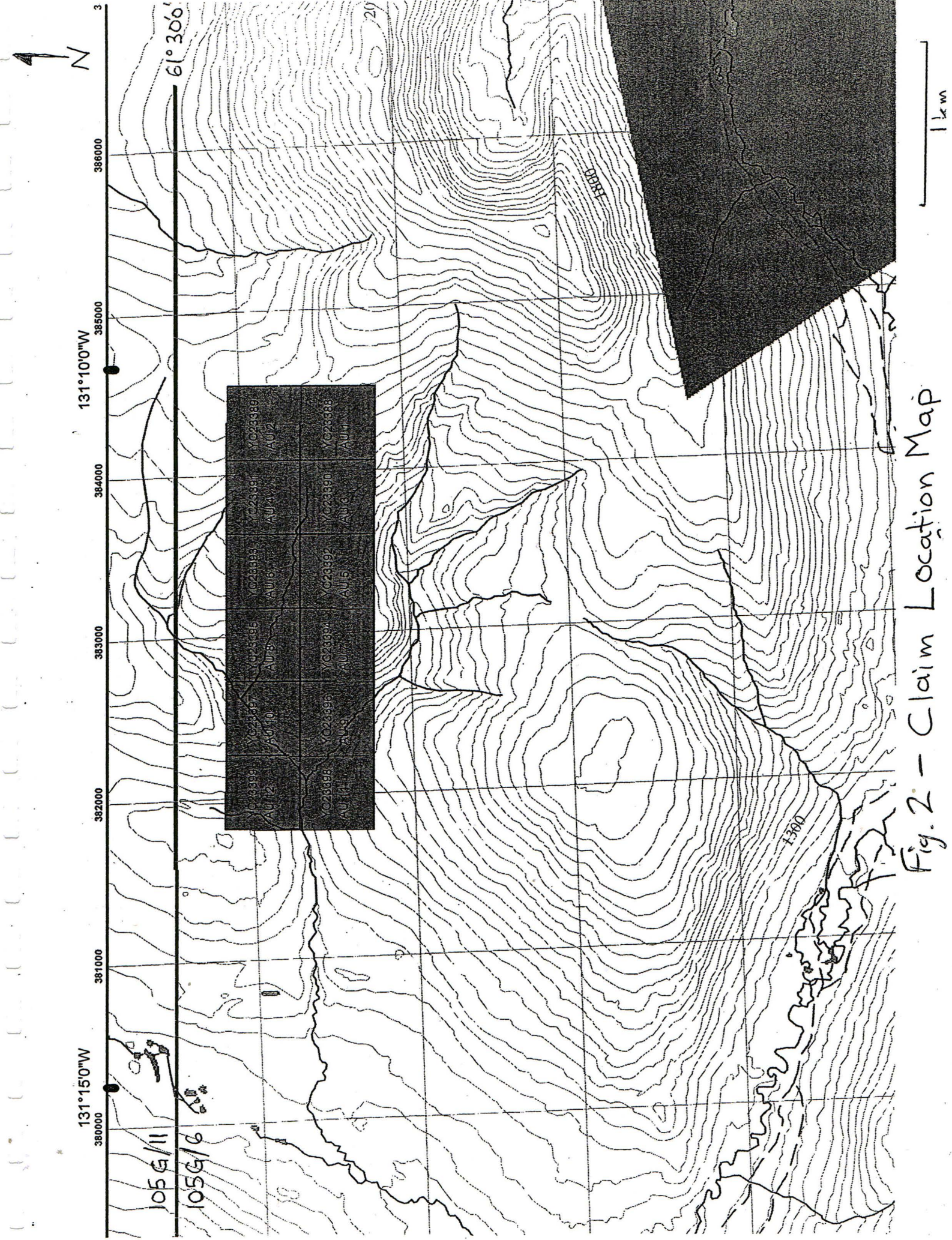


Fig. 2 - Claim Location Map

TABLE 1
Claim Data

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date</u>
AU 1-12	YC23388-YC23399	2004/02/04

A recent claim map sheet for 105G 06 is included in the map pocket.

REGIONAL AND PROPERTY GEOLOGY

The Au claims are underlain by the Fire Lake metavolcanic unit (DF) and cover a 3.5 km by 1.5 km body of weakly serpentinized ultramafic rock (unit Dum) that is inferred to be in intrusive contact with unit DF. Zones of Fe-carbonate alteration of restricted size are rarely developed within the ultramafic and are separated from unaltered rock by weak metasomatic contact zones of talc-chlorite schist.

Structurally the area shows features of intense tectonism, both on the regional and property scale. The property lies 12 km northeast of the Tintina Trench within a wide area bound to the north and the south by regional scale normal faults (see Figure 3). On the property scale, previously reported fault and fracture related zones of quartz veining and stockworks, breccias and shear zones were found to be only of local extent and were not well developed. Alteration and gangue minerals within the zones included minor limonite and weakly disseminated pyrite, but were not widely distributed.

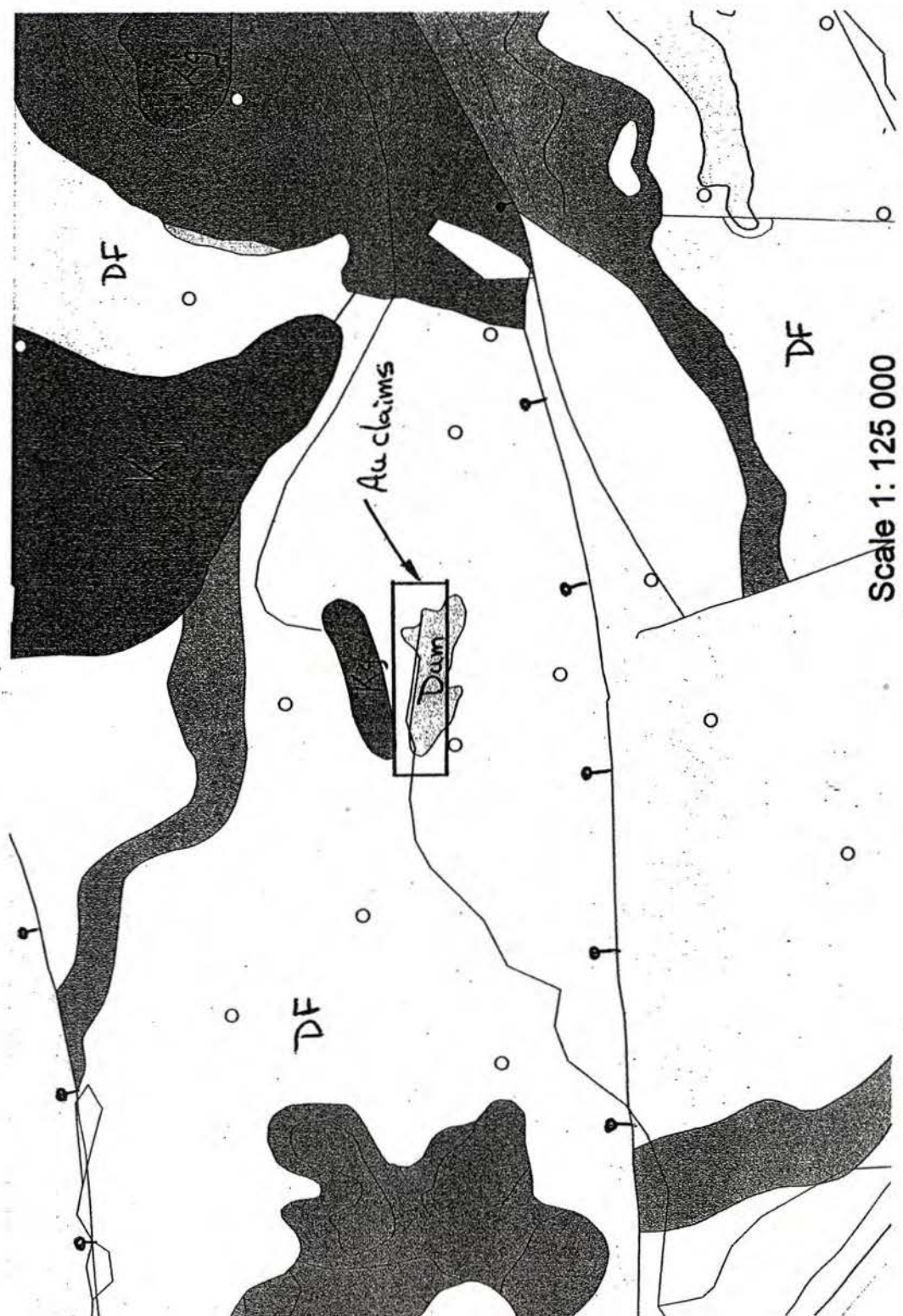
PREVIOUS WORK AND EXPLORATION ACTIVITY

Previous exploration of the property area has focused on the occasionally highly anomalous gold and arsenic geochemistry of the alteration zones, focusing mainly on the larger quartz veins in the area while apparently ignoring other potential gold bearing zones within shears, stockworks and breccia zones that may be widely developed in the area.

A review of available rock, soil and silt sample geochemical data for the area suggested a geochemical signature supportive of the target model for emeralds. Elevated levels of Cr, Fe, Ni, Mg, Al, Mo and W, together with depleted levels of K and Na were reported.

DESCRIPTION AND SUMMARY OF WORK

Regional Geology of
 area surrounding Au claims
 (from Gorday and Makepeace, 1999 &
 Murphy et al, 2001)



— I — Normal fault (dot on downthrown side)

Note: See report text for geologic unit descriptions

Scale 1: 125 000

Property wide prospecting was carried out in an effort to locate alteration zones capable of hosting emerald or other gemstone mineralization. The author and son spent 4 man days with initial road access reconnaissance before utilizing the Trans North helicopter based in Ross River to access the property and carried out 10 man days of detailed prospecting across the property and the surrounding area. Due to the lack of suitably developed alteration or other indicators of potential gemstone mineralization no sampling was undertaken.

ANALYSIS AND RESULTS

No sampling was carried out in the course of investigations on the Au property due to the lack of any positive indicators. Widespread but minor copper staining in the form of malachite staining was noted as an associated mineral with quartz veining in the area. Alteration and gangue mineralogy such as limonitization and pyritization of the host rocks were not noted and minerals such as molybdenite and biotite – phlogopite mica were conspicuous by their absence.

CONCLUSIONS AND RECOMMENDATIONS

The Au property, after detailed prospecting, failed to show an environment prospective for gemstone mineralization and the twelve claims staked in this area will be allowed to lapse on the anniversary of their staking.

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APPENDIX A

SYNOPTIC LOG / FIELD NOTES

SYNOPTIC LOG – YMIP Grant #03-026

Au Target Evaluation

- July 22, 2003 -Mobilize from Whitehorse to Mink Creek area.
-Preliminary reconnaissance of road access.
-WSC and MC.
- July 23, 2003 -Spent day winching and cutting way along trail.
-Setup camp
-WSC and MC.
- July 24, 2003 -Abandoned effort to use road for area access due to increasingly difficult conditions.
-Returned to Whitehorse to drop off quad.
-WSC and MC.
- Aug. 5-11, 03 -Mobilized from Whitehorse to Ross River.
-Helicopter to Au property area.
-Setup camp and complete orientation traverse.
-Carry out detailed prospecting of property and surrounding area.
-Move further west to facilitate more widespread prospecting.
-Demob and return to Whitehorse.
-WSC and MC.

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131°15'0"W
380000

381000

382000

383000

384000

131°10'0"W
385000

386000

387000

388000

AU 12 YC23399	AU 10 YC23397	AU 8 YC23395	AU 6 YC23393	AU 4 YC23391	AU 2 YC23389
AU 11 YC23398	AU 9 YC23396	AU 7 YC23394	AU 5 YC23392	AU 3 YC23390	AU 1 YC23388

2015

1800

1300

