

#094652

**PROSPECTING REPORT**

**LIBRA 1 - 4 CLAIMS**

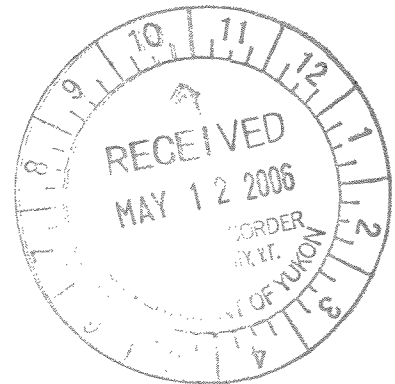
**GRANT # YC35564-YC35567**

**NTS # 116 B \ 2**

**LAT: 64' 02' N**

**LONG: 138' 54' W**

**DAWSON MINING DISTRICT**



**AUTHOR OF REPORT SHAWN RYAN**

**WORK PERFORMED JUNE 21, 2005 to NOVEMBER 11, 2005**

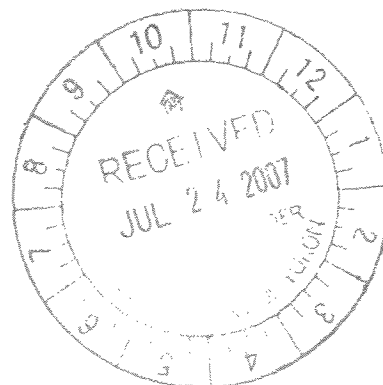
**DATE OF REPORT MAY 12, 2006**

094652

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 \$ 800.00.

*M. B. B.*

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



SUMMARY	P.3
1.0 INTRODUCTION	P.3
2.0 LOCATION AND ACCESS	P.3
3.0 PROPERTY DESCRIPTION	P.3
4.0 PHYSIOGRAPHY	P.3
5.0 REGIONAL GEOLOGY	P.4
6.0 WORK PROGRAM / METHODS	P.5
6.1 PROSPECTING WORK	P.5
7.0 INTERPRETATION	P.5
8.0 RECOMMENDATION	P.5
9.0 COST	P.6
10.0 QUALIFICATION	P.6
CLAIM MAP	APPENDIXES
YTG GEOLOGY MAP	APPENDIXES
TRENCH and DRILL HOLE MAP	APPENDIXES

## **SUMMARY**

The Libra claims were worked for two days on June 21 and November 11, 2005. The scope of the exploration was based on results of UBC evaluation of an apple green color rock that was XRD. The rock turned out to be chrysoprase. I prospected the old trench areas and found a few pieces for show. Chrysoprase is used in the gem stone business and may have some commercial potential.

### **1.0 INTRODUCTION**

The Libra float boulders of chrysoprase and drill hole that intersected 3.5 feet of continuous apple green chrysoprase.

### **2.0 LOCATION AND ACCESS**

The Libra claims are located 25 kilometers straight east of Dawson City. The claim block lies 400 meters south of the Klondike highway between Germain and Goring creek.

### **3.0 PROPERTY DESCRIPTION**

The Bridget claims consist of 4 full quartz mining claims all located in the Dawson Mining Division.

### **4.0 PHYSIOGRAPHY**

The claim block is covering a north facing slope with black spruce in permafrost areas and in the low lying valley bottom with poplar forest covering the better drain areas

## 5.0 REGIONAL GEOLOGY

The Yukon Geology web site indicates the Libra claims are covering three different units described as DMN1, CPA4 and ITR4.

### **ITR: ROSS**

mixed bimodal volcanics (basalt (1), rhyolite (2)) and terrestrial clastics (3), dominantly along or near Tintina Fault; farther removed, scattered occurrences of rhyolitic lava and dikes (4)

ITR4 is described as; are also included light coloured felsic quartz feldspar porphyry and rhyolite; minor acid tuff breccia, crystal lithic tuff and ignimbrite; quartz-feldspar porphyry stocks and dykes

### **DMN: NASINA**

graphitic quartzite and muscovite quartz-rich schist (1), (3)-(5), and(?) (6) with interspersed marble (2) and probable correlative successions (7) - (9)

1. dark grey to black, fine grained graphitic and non-graphitic quartzite, grey micaceous quartzite and quartz muscovite (+/- chlorite; +/- feldspar augen) schist, locally garnetiferous; minor graphitic stretched metaconglomerate and metagrit (**Nasina assem.**)

### **CPA: ANVIL**

dominantly oceanic assemblage of mafic volcanics (1), ultramafics (4), chert and pelite (2), limestone (3) and gabbroic rocks (5)

CPA4 is described as dunite, peridotite, gabbro, pyroxenite, harzburgite and minor diorite, hornblende and diabase; serpentinite, orange weathering quartz carbonate rock with minor green chromian muscovite, talc-carbonate schist and carbonatized ultramafic rocks)

## **6.0 WORK PROGRAM / METHODS**

### **6.1 PROSPECTING**

A small work program was undertaken to locate float sample of a new mineralized unit describe by UBC assay by XRF as chrysopraise. The float sample was found around trench number two describe in assessment report number 093924 of Radius Exploration 1998 work. Once I understood the value of the chrysopraise I re-examined the drill core on the property from Radius 1998 drilling. The core revealed a bright apple green rock unit describe in the assessment report core logs as green liswanite alteration. This section found in drill core from 31 feet to 34.5 feet is actually chrysopraise. The merit of this new find is that most chrysopraise found is one to two inch thick and most of the rocks are used for jewelry beads. The core sample demonstrates that the chrysopraise on the Libra claims have some thickness potential.

### **7.0 INTERPRETATION**

The float sample found and the core sample indicate that the Libra claims have great potential to host a small economical gemstone deposit. The idea that float samples are found at surface and that drill hole number 98-03 intercepted the rock unit at 31 feet indicates that the unit is potentially shallow dipping. This creates a good probability for an open pit extraction if a market can be found.

### **8.0 RECOMMENDATION**

I recommended more work with a bulk sample of lager mineralized sample to better understand the rocks competency and value as a gem stone.

## 9.0 COST

Wage one day of Prospecting examining trench. @\$250.00	\$250.00
Wage one day of Research assessment file @\$250.00	\$250.00
Truck and Gas one day	\$90.00
Report	\$250.00
	-----
Total	\$840.00

## 10.0 QUALIFICATION

I Shawn Ryan located in Dawson City, Yukon work as a professional prospector. I run a small exploration company located in Dawson city.

I have worked in the exploration business for the last 24 years. I worked the first 12 years as a contractor working on numerous project in the NWT, Ontario, Quebec and the Yukon. I have worked for the last 8 years as a local prospector for myself.

I have being train to run various geophysical instrument and surveys such as magnetic surveys, max-min surveys, induce polarity surveys and Vlf surveys.

I have overseen the Libra Project.

I own 100 % of the Libra claims.

Dated this 12 of May, 2006 in Dawson City, Yukon.

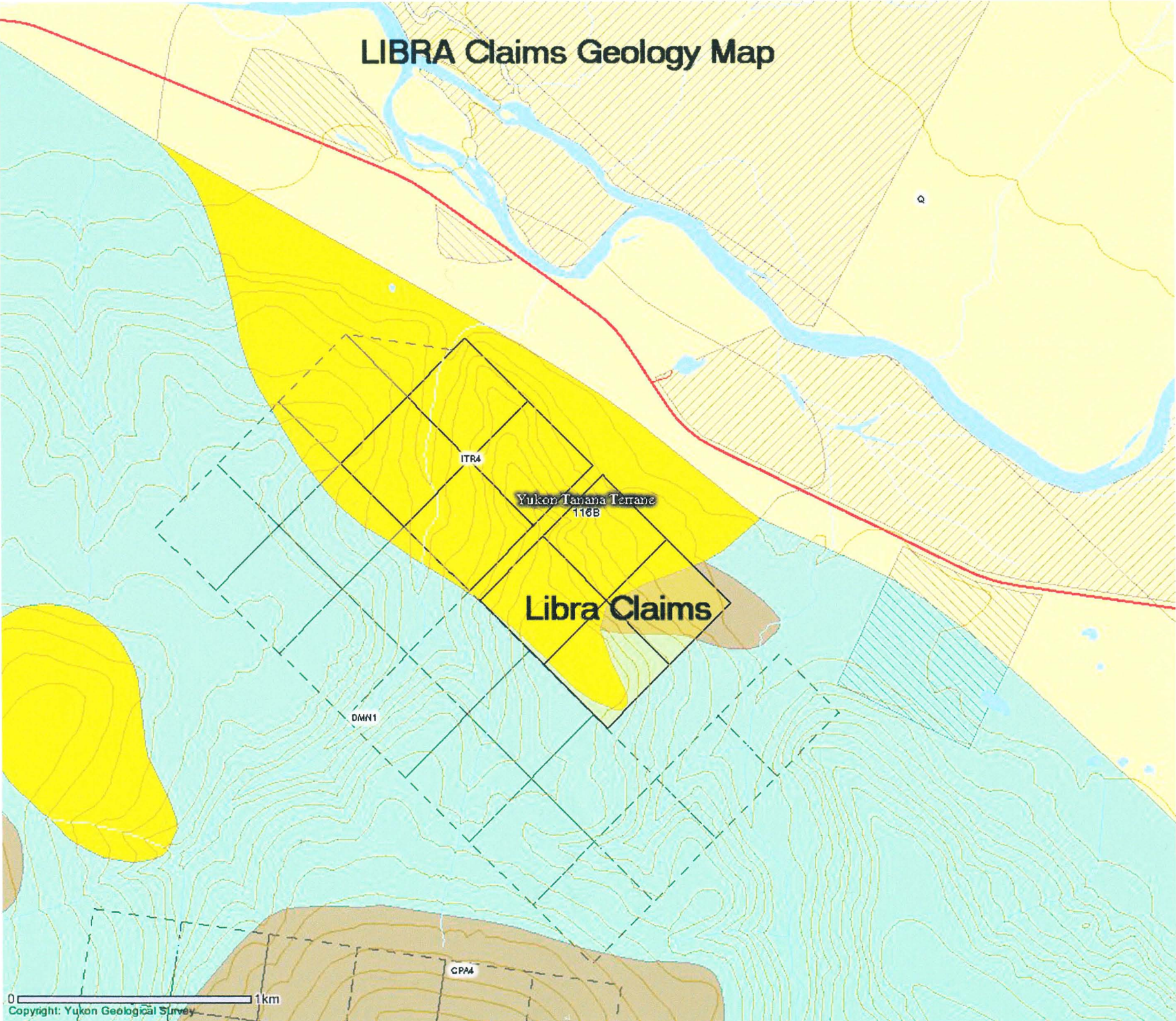
Respectfully submitted



Shawn Ryan

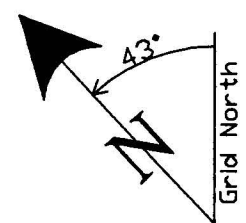
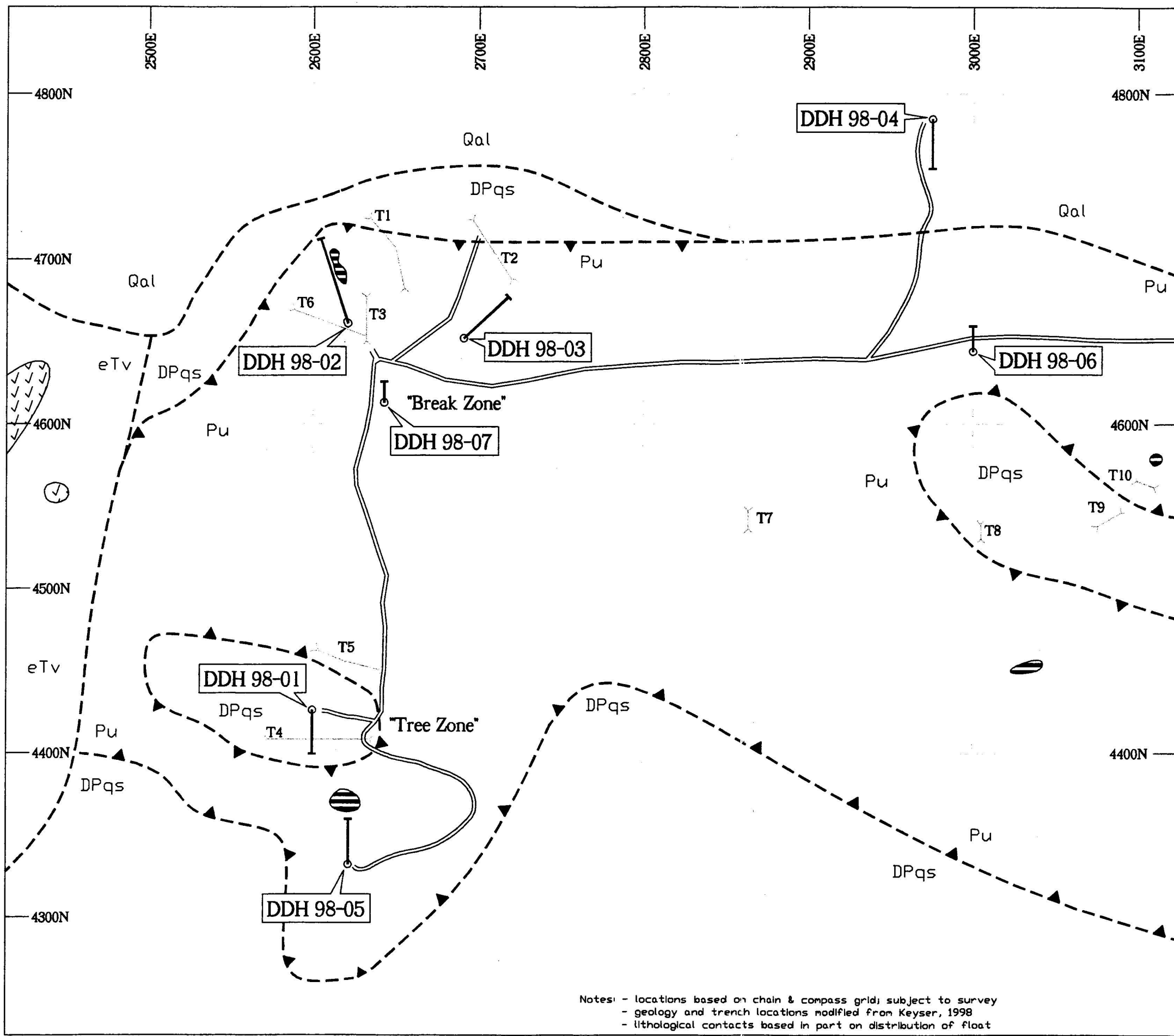


# LIBRA Claims Geology Map



0 1 km

Copyright: Yukon Geological Survey



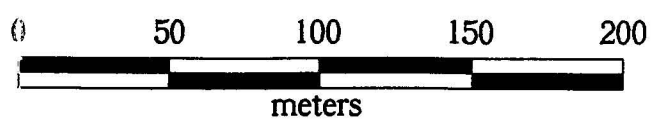
**Legend**

**Lithologies**

- QUATERNARY**
- Qal Alluvium
- TERTIARY**
- eTv Felsic volcanic breccia (outcrops hatched)
- PALEOZOIC**
- DPqs Schist, phyllite, quartzite - variably graphitic
- Pu Ultramafic rocks, variably altered (outcrops hatched)

**Symbols**

- Trace of 1998 Diamond Drill Hole showing collar and end of hole
- 1997 Excavator trench
- Assumed lithological contact
- Thrust fault; teeth on upper plate
- 'Cat' trail



Radius Explorations Ltd.  
**Brik Property**  
 Dawson Mining District, Yukon

**Trench and Drill Hole Location Map**

Scale 1:2500      November, 1998

NTS 116B/02      By DJP, SFD, HJK      Figure 4

Notes: - locations based on chain & compass grid; subject to survey  
 - geology and trench locations modified from Keyser, 1998  
 - lithological contacts based in part on distribution of float

Costs associated with this report have been  
approved in the amount of \$ 800  
for assessment credit under Certificate of  
Work No. 2000693

H. Perry

Mining Recorder  
Dawson City Mining District