

94908



**A GEOLOGICAL RECONNAISSANCE OF THE SIX
SPECIFIED REGIONS FILED ON THE 17TH DAY
OF MARCH 2008
SUSIE 1 – SUSIE 4 CLAIMS
INCLUSIVE**

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A GEOLOGICAL RECONNAISSANCE OF THE REGIONS OF THE SUSIE 1 – 4 CLAIMS, HASSELBERG LAKE AREA, 105A – 13

LOCATION

The SUSIE claims are located approximately **JUST OFF THE NORTH END OF Hasselberg Lake on map sheet 105A – 13 (figure 1)** They are accessible by all – terrain vehicle (Argo 8 x 8) from the road to the Tuchitua River that leaves the Campbell Highway 200 meters past the CanTung (Nahanni Range Road) Junction, toward the Tuchitua Highway camp located at the bridge crossing the Tuchitua River. Alternatively, there is a short airstrip (2500') suitable for small STOL aircraft at the Northeast end of Hasselberg Lake and also the lake itself is excellent for seaplane use. As per access to all of our claims in this area.

INTRODUCTION

We undertook this seasons prospecting and sampling program to identify concentrated minerals of jade, serpentines and soft stone.

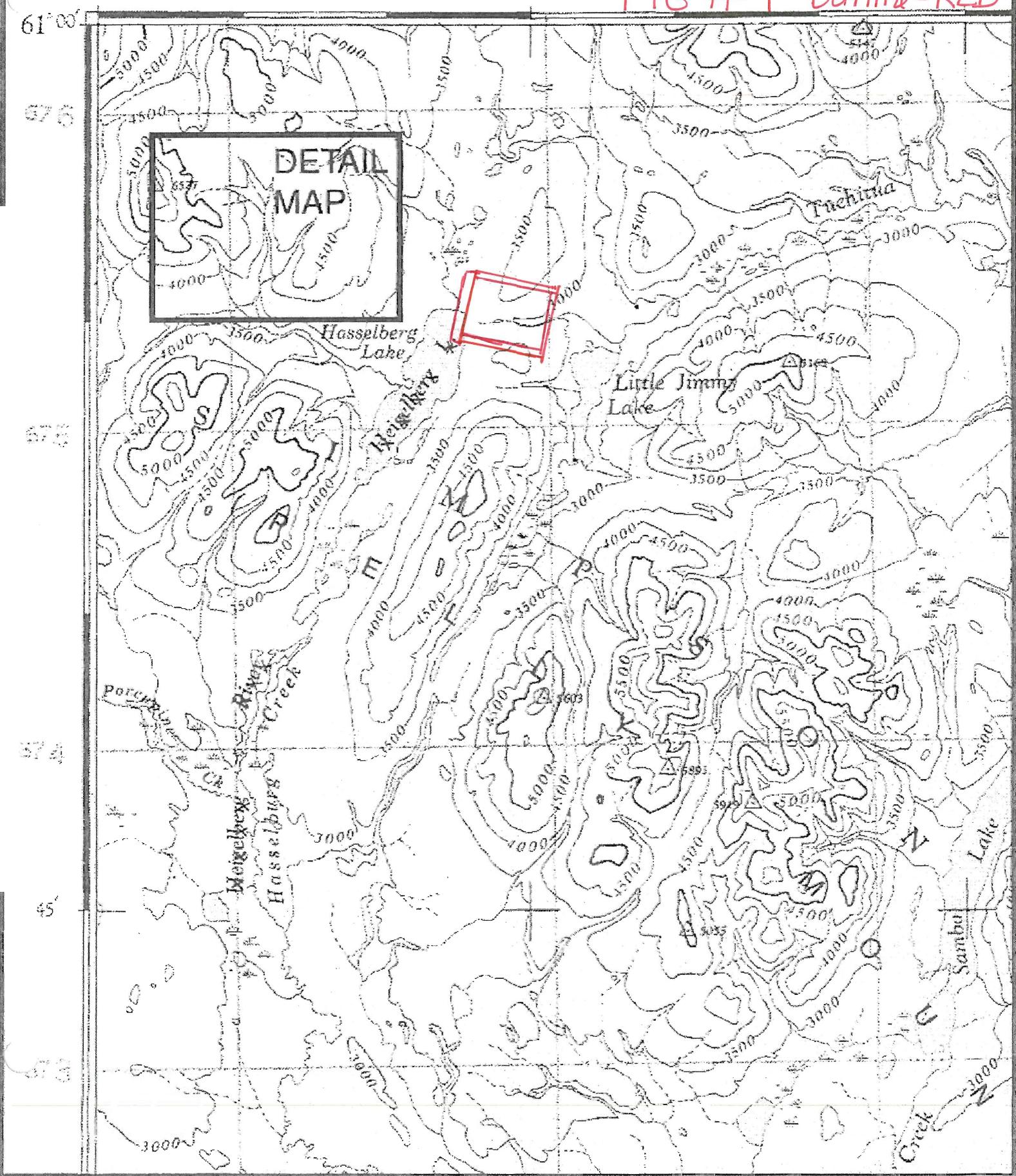
As I have indicated on previous reports the area has been and still is a possible producer of jade (nephrite) in years to come. The jade produced in this area is mainly in boulder form. It is found in the heavy glacial till covering most of this area. It is and has been found mostly at the 4000' level down to the 3000' levels. The discoveries are mainly on the southern exposure areas of the slopes. We have migrated our search in an easterly direction at the north end of Hasselberg Lake.

The area has been prospected in small sections by me, Stella and my husband Ron over the past 20 years. In addition to examining small boulders located in the floats in the area, we have conducted testing as to the types of small boulders/rocks that we collected. So far we collected approximately 8 samples.

REGIONAL GEOLOGY AND LOCAL MINERALIZATION

The main published mapping is the Watson Lake G.S.C. 4 miles to one inch map sheet (Gabrielse, 1966) indicates that the north to northeast part of the area is underlain by basic and ultramafic rock types and that in the west by phyllite and siliciclastics (see figure 1). The presence of ultramafics is borne out by a disturbed magnetic signature shown on the GSC 1:50 000 aeromagnetic sheet. However, the magnetic sheet shows that the magnetic anomalies extend southward at least to the main junction of the east creek. This could be the result of two conditions: either the ultra basics extend further south than indicated on the geological map or a considerable amount of magnetite rich

105A 13
FIG #1 Outline-RED



3-A

float was deposited in the area by the last glacier movement. This seems more feasible if you consider the flight height of the aeromagnetic survey.

With the prospecting carried out by myself and my husband, and the help of Mr. Tim Liverton over the years, we have come to the conclusion that the jade boulders come From the north ridge at a higher level and through prospecting the areas of EZ 67; EZ69; And EZ50 we are coming to the conclusion that the main supply of the jade is located within these areas, one of which will be the centre of all of our findings. Further work is required in this area to establish a definite location of this gem stone. Keeping in mind the results of our searches through the claims noted above, we wanted to see how far east these minerals were carried by the glacial movement. This is our last area of claims east of Hasselberg Lake that we will be doing work on. There is one more existing new claim located on Little Jimmy Creek on the North end of Little Jimmy Lake, located four miles east of Hasselberg Lake.

THE ORIGINAL GEOCHEMICAL WORK

Original geochemical work done in this area showed minimal amounts of gold present in the gavel overburdens.

Small soapstone, serpentine and jade boulders are located along the creek bank and in the creek itself. A few larger boulders are located in the northeastern sections of the Susie Claims. As noted no sample assays will be done, the materials collected will be worked on by carvers and they will decide the outcome of the products that we have in our possession.

2007 CHEMICAL WORK

I am the registered claim holder and the operator of claims numbering Susie 1 – 4 inclusive. Grant Numbers from YB93140 to YB 93143. I was the owner and operator who paid for the geochemical work during 2007.

During the summer working season of 2007 I have with help carried out geochemical sampling on the following claims: Susie 1 to Susie 4. Data was collected from these claims by way of rock sampling (prepared/numbered rock stored at our main camp at Hasselberg Lake and visual prospecting.

Susie 1: Commencing on September 15, 2007 up to and including September 19, 2007 we collected samples of Jade, Serpentine and Soapstone samples were taken to be used for carving. This will be a project to see if the soapstone and serpentines in our area would be of a quality to be able to supply to the carvers. Expense: \$603.18

Susie 2: We also located small boulders of jade, soapstone and serpentines in the areas close to the creek on Susie 2. More of these types of small boulders were located toward Hasselberg Lake northern shore line.

Expense: \$ 603.17

We collected some of the small ones and took them back to our main camp.

Susie 3: September 18 found us on Susie #3 claim On this location we spent most of our time doing visual prospecting of the area to the north. Small jade, serpentine and soapstone boulders were still predominant in this area as well. All samples were taken to our main camp.

Expense: \$603.17

Susie 4: We prospected this area and collected samples of jade, soapstone, serpentines, and some marble. We took a few of these samples and brought them back to our camp for experimental purposes. That is, I would try them to see how well they can be worked with hand tools, the serpentines soapstone and marble(very small pieces).

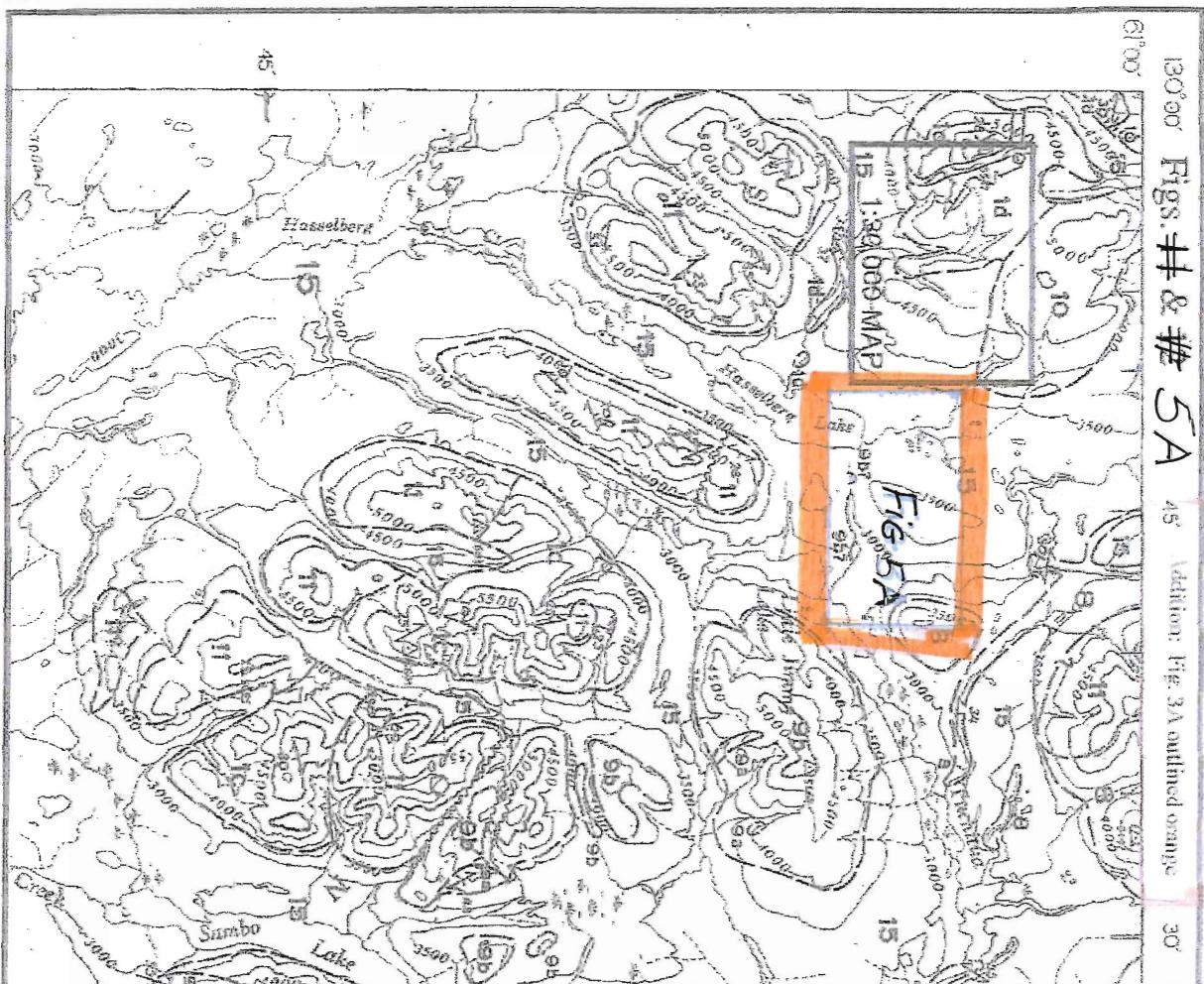
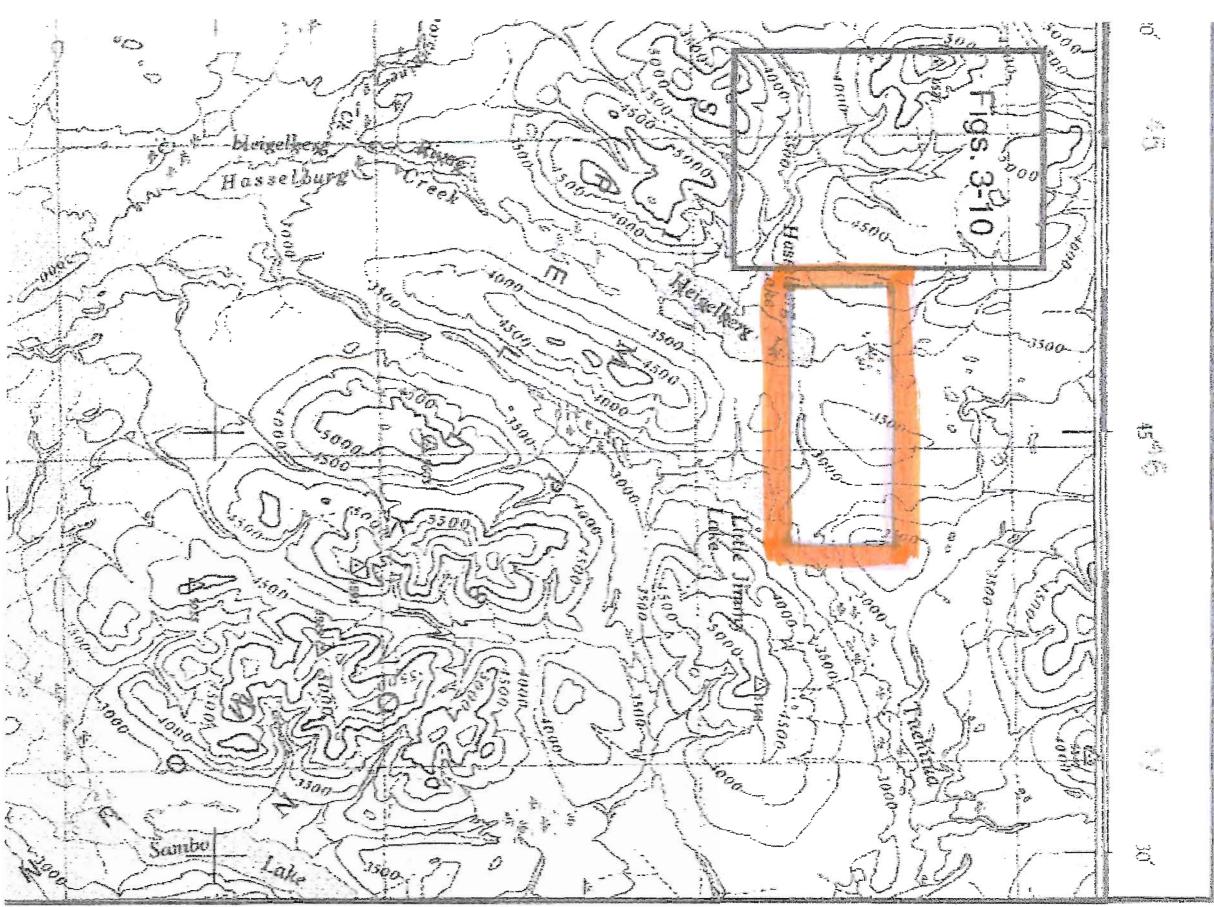
Expense: \$603.17

TOTAL EXPENSE: \$2,412.69

RECOMMENDATIONS:

This work that has been completed over the past year is only the beginning of experimental carvings of the softer rocks located in this area. I am attaching photos of carvings that I have done from the small rocks I brought back to Watson Lake with me. I also have a carving of a bear that has been carved by a friend of ours, who took some time out of his busy schedule to do this for us. I believe this rock to be a form of marble that we located in the mountains but pieces have been moved from the insitu location to areas along the northern section of Hasselberg Lake with the glacial movements.

At this point I will be recommending that more samples of soft rock be collected next season and brought out to Watson Lake and supplied to the local rock carvers to get their input as to the quality of the product and the ease with which one can carve a unique carving from them.



5-A

5B

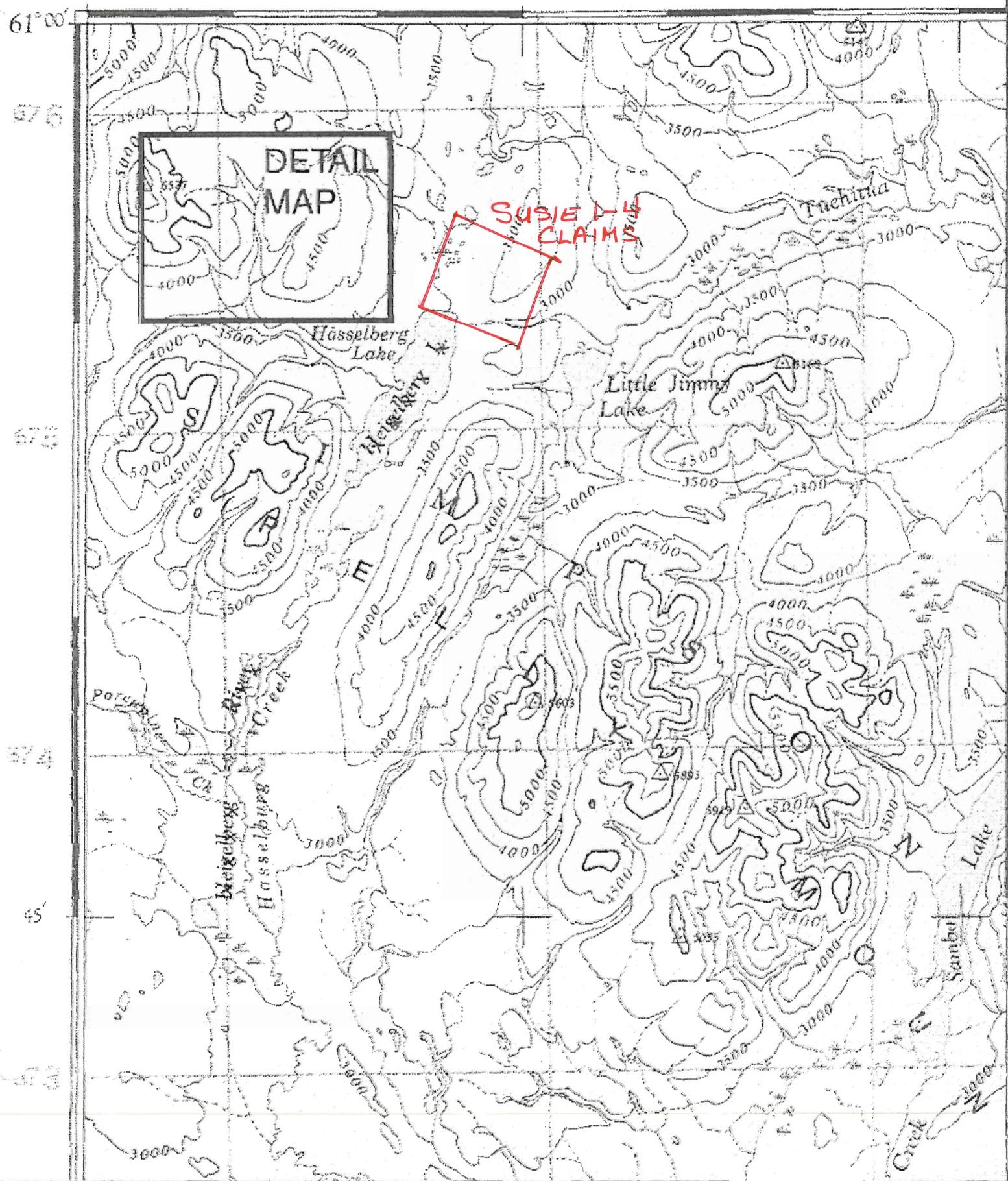
130° 00'

45

45

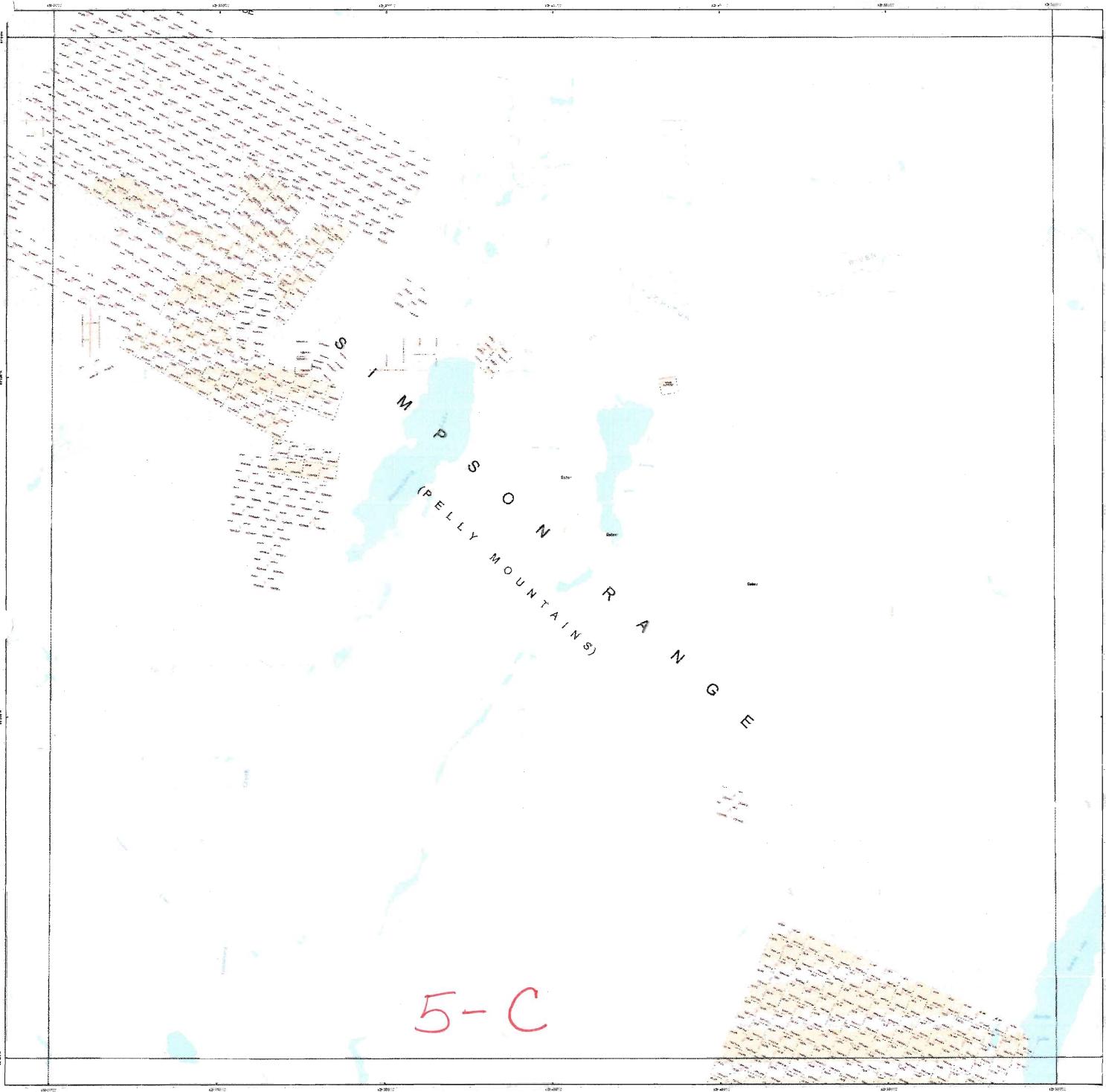
45

30'



^5A13

105A13



105A13
MINING CLAIMS

UTM-Zone: UTM-Zone 57
Datum: WGS 84
Mindest-Distanz: 100m

First Nation Settlement Lot

Category

1980-1981: 3
1981-1982: 5

AUS First Nation Surveyed Land
-> start file Category

• 92-1103m
• 92-1103n

卷之三

NIC Case Legal Survey Cadence
NIC Case Legal Survey Cadence

→ 10-10-10-10-10
Withdrawn from Staking

100% IN THE BUDGET

DEFINITION OF BUDGET

DEFINITION OF EXPENSES

Withdrawn from Staking

Topography

REFERENCES

Transportation Routes
— M.R.A.Z.
— P.D.A.

— O.S.
— T-4-4-DK.
— T-4-D

— GENEVIEVE
*** T.M.

—> TMDL

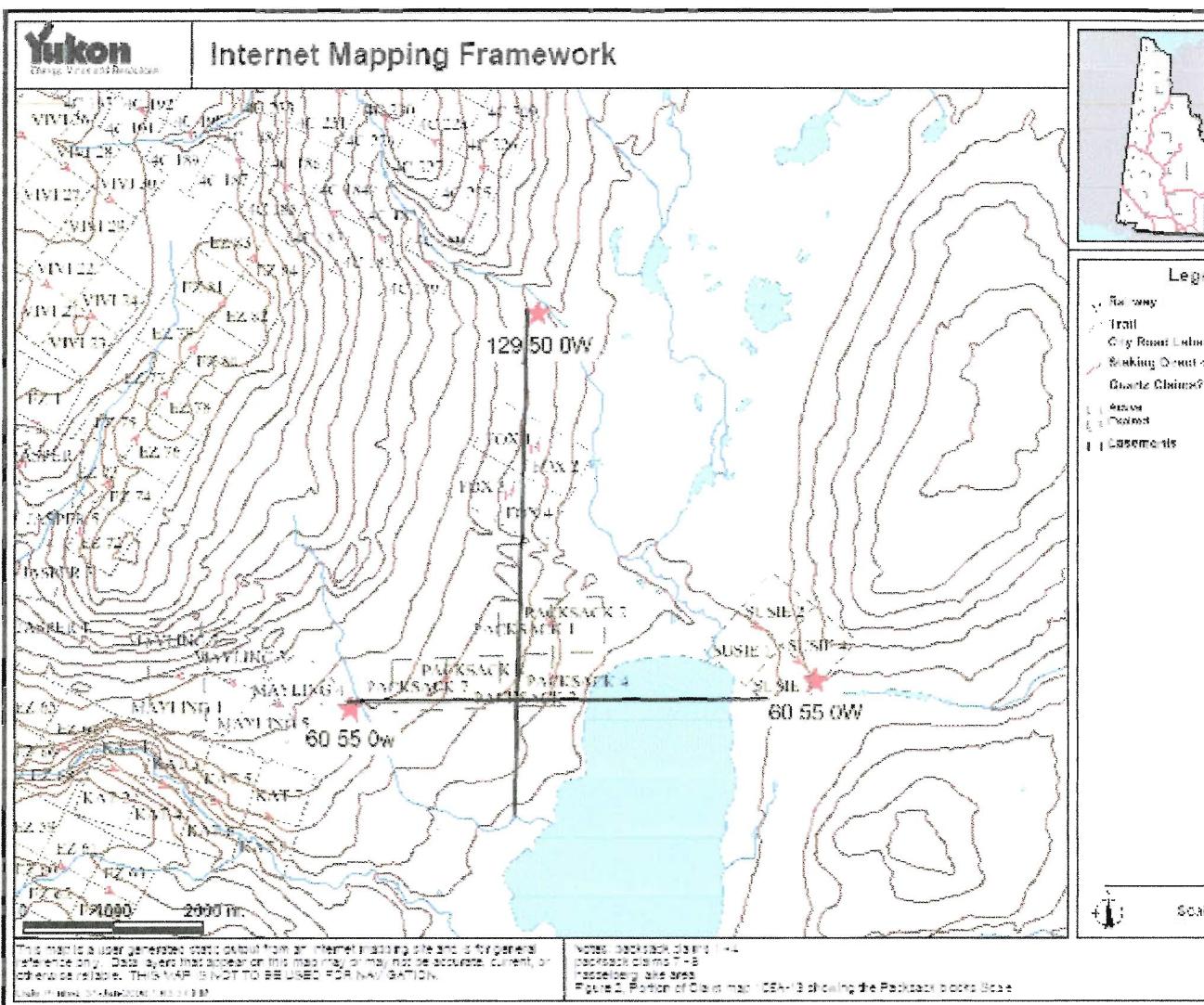
— 6819
— 9-4819

图 3.1-16

Werkzeug

UNISON
British Official Trade Union
Official Trade Unionist

Yukon

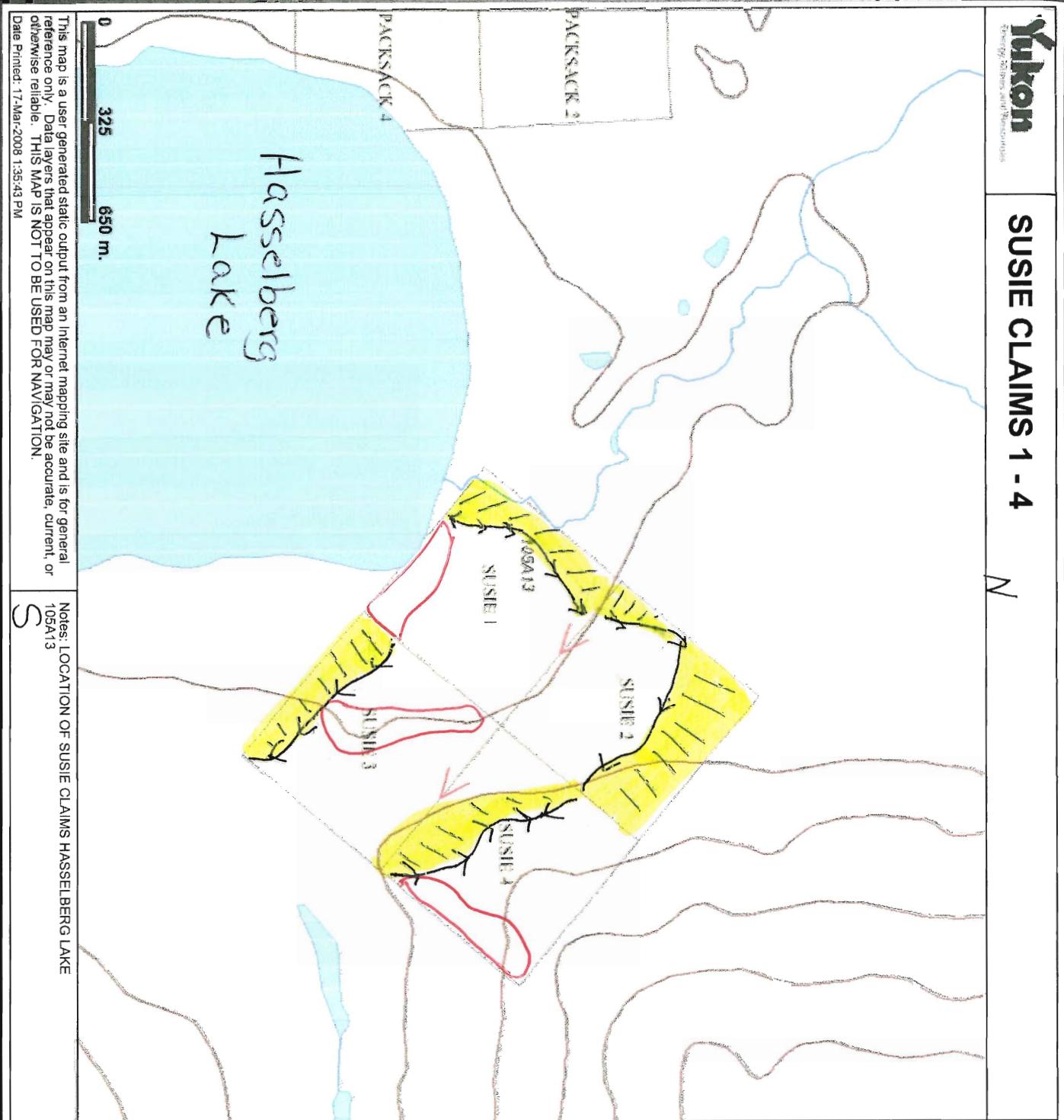


5-D

SUSIE CLAIMS 1 - 4

N

W



Scale: 1:18,217

Work Area Completed

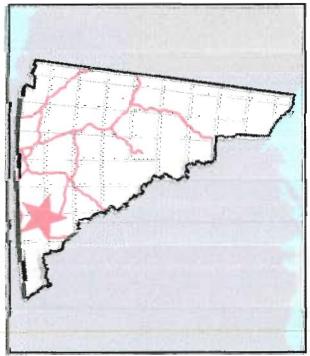
PROPOSED
WORK AREA

outline RED

E

Railway
Trail
City Road Labels
Staking Direction
Quartz Claims^{1,2}
Active
Expired

Legend



5-E / 5H

SUSIE CLAIMS 1 - 4

N

W

105A13

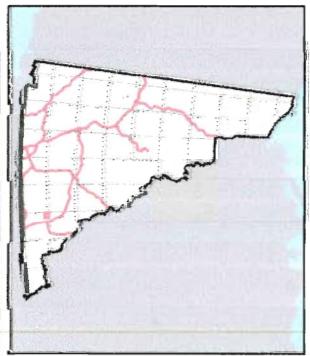
SUSIE CLAIMS 1 - 4

0 2.5 5 km.

This map is a user-generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION
Date Printed: 17-Mar-2008 1:51:08 PM

Notes: LOCATION MAP OF SUSIE CLAIMS
105A13 INCLUDED ON THE CLAIMS IS A SMALL AIRSTRIP FOR EMERGENCY
LANDINGS

E
Legend
City Road Labels



Scale: 1:145,740

5-F

Estimates of time needed for this work are:

Carving Stone collection	04 days
Geological mapping of the areas	05 days
Prospector	07 days
Rock float	30 samples

Estimated costs are:

Geological mapping 05 days @ 140.00/day	\$700.00
Subsistence 7 man days at \$35.00 x 3	\$735.00
Vehicle	\$175.00
Argo	\$700.00
Gas/oil for agro and vehicle	\$350.00
Rock carvers	\$500.00
Prospector pay 7days @120.00 /day	\$840.00
Prospector's helper 7 days @ 100.00/day	\$700.00
Total:	<u>\$5,185.00</u>

STATEMENT OF QUALIFICATIONS

Stella Hearty

Academic qualifications:

I have been a resident of the Yukon for forty one years, and for more than fifteen years I have been actively prospecting in the Hasselberg Lake Area. I originally started out searching for and finding Nephrite jade in the form of boulders of all sizes. The smallest from 10 pounds to the largest over 120 ton.

I took time to read as many books on geology as possible and expanded my search from jade to heavy minerals and gemstones.

I continued to look for other minerals of interest during this period as well.

Under the tutorial of Timothy Liverton, BSc in geology, I was able to attend his lectures and course on prospecting, sampling (rock, silt, and heavy minerals), mapping, GPS training, identifying minerals, handling of samples, numbering of samples, filling out sample forms and sending for analysis. I attended field classes during this lecture which were located within a 50km range.

Over the years, I was able to apprentice under Mr. Timothy Liverton's guidance. The apprentice work took place on my claims located at Hasselberg Lake. I believe that the instructions I received from Mr. Liverton has given me the ability to do a satisfactory job prospecting my areas.

I also received field instruction on site from Mr. Alex Black and Mr. Alex MacMillan. Both prospectors in their own right from the Watson Lake Area.



Stella Hearty
Prospector



