

GEOCHEMICAL REPORT

CU 1-8

GRANT # YC08871 - YC08878

NTS 115 N/1

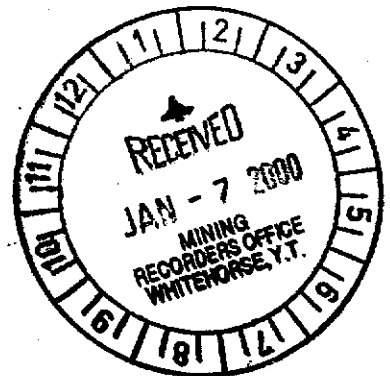
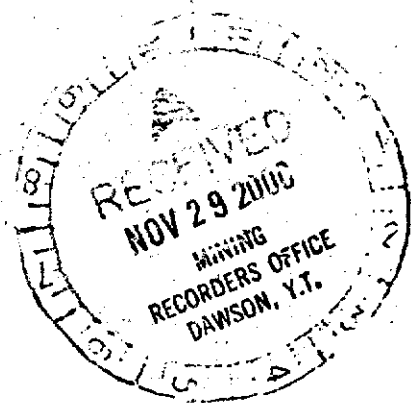
63° 03' 21" N North Latitude

140° 10' 35" W West Longitude

by Shawn Ryan

work performed Aug 1998  
date of report Dec 1999

094074



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 \$ 4000.

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

Yukon Territory  
Geological Survey  
Whitehorse  
Yukon Territory  
Canada

## TABLE OF CONTENTS

1) SUMMARY	1
2) INTRODUCTION	1
3) LOCATION	1
4) ACCESS	2
5) PROPERTY GEOLOGY	2
6) WORK PERFORMED/METHOD	2
7) INTERPRETATION	3
8) RECOMMENDATION	3
9) QUALIFICATION	3
10) COST	4
11) ROCK DESCRIPTION	5

- LOCATION MAP	1-250,000	APPENDIX
- GEOLOGY MAP	1-250,000	APPENDIX
- SAMPLE LOCATION MAP	- ROCK	APPENDIX
- SAMPLE LOCATION MAP	- SILTS/SOIL	APPENDIX
- SAMPLE LOCATION MAP	- CLAIM AREA	APPENDIX
- CLAIM LOCATION MAP	1-50,000	APPENDIX
- ASSAY SHEETS		APPENDIX

## SUMMARY

The Cu 1-8 claims grant # <sup>YCO 8871 -</sup> <sub>YCO 8878</sub> owned by Shawn Ryan will be renewed for 5 years. A nice geochem anomaly with a copper gold porphyry signature gives these claims some potential.

I feel these claims warrant further investigation such as grid work with a soil survey and mag/VLF survey. This work would make the claims ready to drill if any anomalies were found.

## INTRODUCTION

The Cu 1-8 claims were staked to cover a R.G.S. silt anomaly area and an old Cu showing called the Aries.

I spent seven days with an assistant Scott Fleming on the claim block taking soil, silt and rock samples from the area. The result of the geochemical analysis was very anomalous in As, Cu and minor in Au, Pb, Bi and W. The geochem pattern has a Cu porphyry style signature.

## LOCATION

The property is located 72 air miles southwest of Dawson City. It's located on high alpine mountain top which overlooks the Dawson Range.

ACCESS

Access is via helicopter from Dawson City located 72 miles N.E. or Beaver Creek 45 miles S-SE. . One can also take a river boat from Dawson and travel up the Yukon river and follow up the White river for 35 miles. You can then walk 5 miles up to the property.

PROPERTY GEOLOGY

The property covers the contact between an intrusion and a volcanic unit. The intrusion is possibly part of a large Batholith of mid cretaceous called the coffee creek suite. The volcanic are either Mt. Nansen or Tertiary Carmacks volcanic.

WORK PERFORMED / METHODS

Scott Fleming and I spent 7 days taking soil on ridge tops and silts from various creeks. I located old cat trenches from Quintana Mts Corp work in 1970, sampled all trench bottoms with soil, silts and rock sample.

## INTERPRETATION

The result of the soil and silt show a very anomalous area in the center of the claim block. The anomalies in Cu, As, Pb with minor Bi, W and Au the surrounding silt show a major arsenic anomaly and minor Cu, Pb anomaly 1 km. northwest of claim block on north flowing streams.

Based on anomalous value I believe the deposit type we are looking at is a copper porphyry system. I also discussed the value with Craig Hart, Y.T. Geologist that has worked on Casino property and he believes that the model is a Cu porphyry. Casino has Bi and W value with it's system.

## RECOMMENDATION

I would recommend a grid to be established over the entire claim block. I would recommend a soil survey. This would help define the copper anomaly. I would also recommend a mag/Vlf survey. The mag/Vlf survey would help define geological boundaries.

## QUALIFICATION

I have been prospecting in the Yukon for last 7 years. I have 19 years in the exploration business in Ontario, Quebec, N.W.T. and Yukon. I own 100% of the Cu claims.

COST

7 days at \$250.00 prospector  
 7 days at \$200.00 helper  
 Food 7 days x 2 x \$35.00  
 assays cost 30 x \$20.00  
 report

1 hour chopper time

\$1750.00
1400.00
490.00
600.00
<u>300.00</u>
\$4540.00
+ 800.00
<u>          </u>
\$5340.00

## ROCK DESCRIPTION

Cu BR-09

- volcanic breccia, quartz sericite fragments oxidized.

Cu BRR-07

- fine grain quartz porphyry, rusty fracture surface / biotite

Cu CR-03

- dark green, fine grain, hard, silicious, lots of pyrite concentrated around hornfel crystal

Cu CR-04

- Rusty quartz

Cu MDL

- quartz vein threw granite intrusion with moly crystal

Cu TR-03

- quartz porphyry, hornblende, minor moly/Cu disseminated along certain planes.

Cu TR-04B

- Quartz vein found in granite intrusion with chalcopyrite in quartz vein.

Cu TR-05

- Biotite granodiorite intrusion. Cu green around biotite crystals.

Cu 5c

- Rusty quartz.



141°00' 45' 30' 15' 140°00'

510000m.E. 2 3 4 5

**STEWART MAP SHEET 1-250,000**

1961

1952

**claim location  
MAP**

**\* cu 1-8 claims  
AREA**

PRODUCED BY THE CANADA CENTRE FOR MAPPING (OTTAWA),  
DEPARTMENT OF ENERGY, MINES AND RESOURCES.  
DERIVED FROM 1:50 000 MAPS. INFORMATION CURRENT AS  
SHOWN IN DIAGRAM. PUBLISHED IN 1988.

COPIES MAY BE OBTAINED FROM THE CANADA MAP OFFICE,  
DEPARTMENT OF ENERGY, MINES AND  
OR YOUR NEAREST MAP DEALER.

© 1988. HER MAJESTY THE QUEEN  
DEPARTMENT OF ENERGY, MINES

Information concerning be  
monuments can be obtain  
Centre for Surveying, Ottawa

**094074 - 1**



141°00'  
 Copies of this map may be obtained from the  
 Geological Survey of Canada, Ottawa

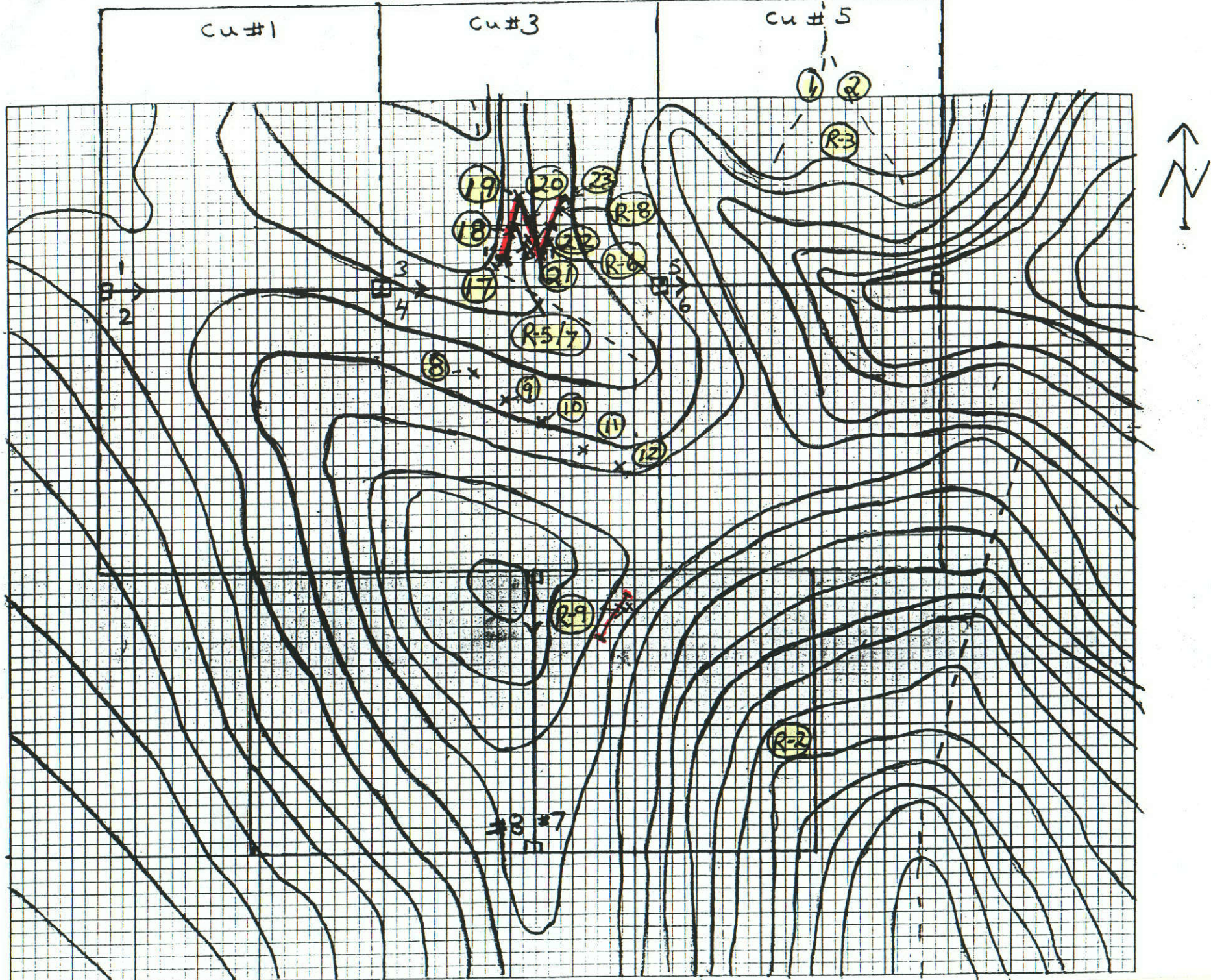


094074 - 1

GEology MAP

1-250,000

⊗ Claim Location

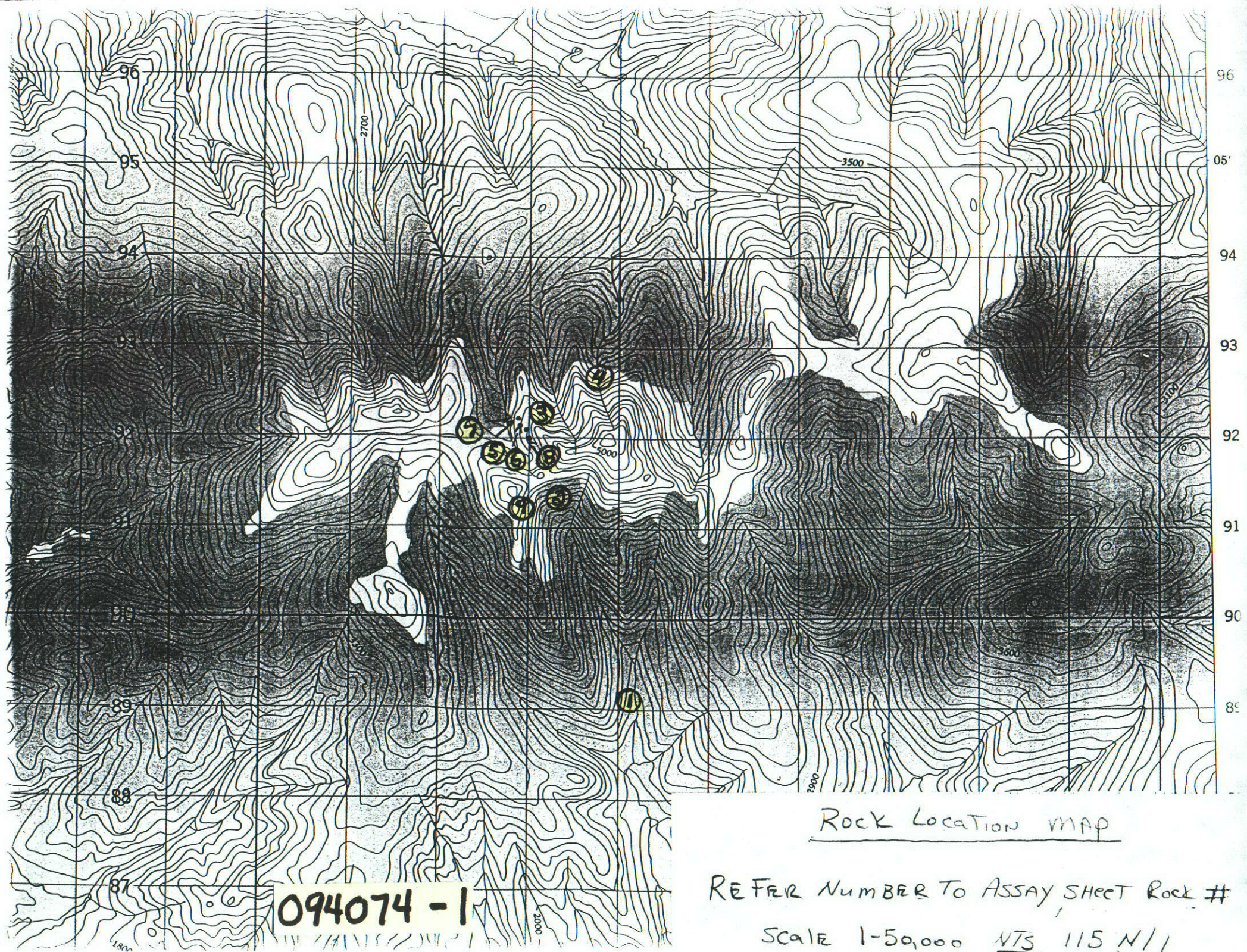


— old CAT TRENCH

(#) Soil/SILT Numbers  
(R-#) Rock Location Numbers.

400 m  
SCALE

094074 - 1

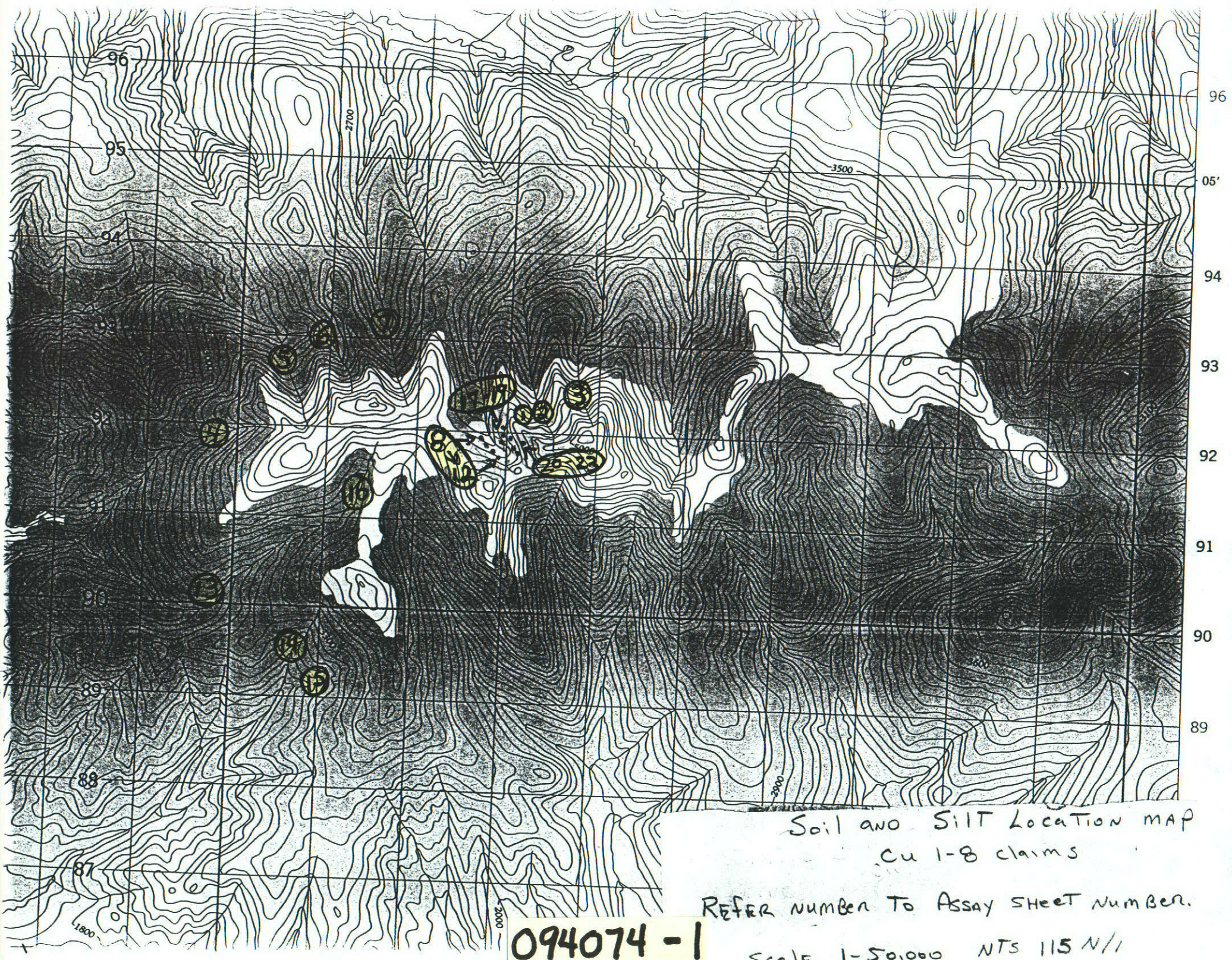


Rock Location MAP

REFER NUMBER TO ASSAY SHEET ROCK #

SCALE 1-50,000 NTS 115 N/1

094074-1

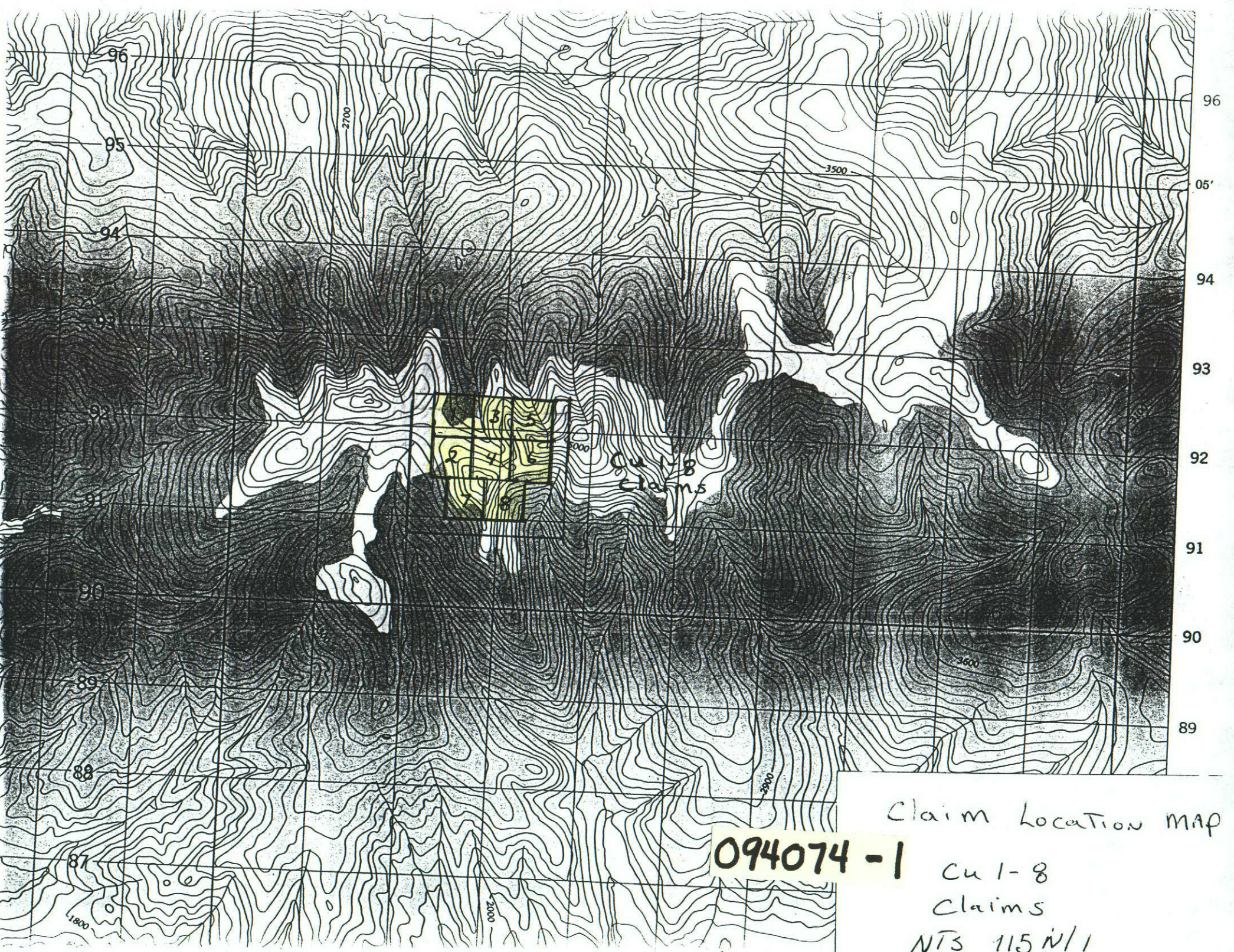


Soil and Silt Location MAP  
Cu 1-8 claims

REFER NUMBER TO Assay SHEET NUMBER.

094074 - 1

Scale 1-50,000 NTS 115 N/1



Cu 1-8  
Claims

Claim Location map

094074 - 1

Cu 1-8  
Claims

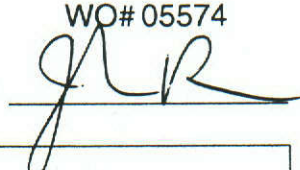
NTS 115 N/1

18/06/99

Certificate of Analysis

Page 1

Canadian United Minerals

WO# 05574  
 Certified by 

Sample #	Au ppb	Au grav oz/ton	Cu %	Bi %
r #5 Cu Moly	7			
r #7 CuTR-04B	33			
r #9 Cu5c	30			
r #6 CuTR-03	8			
r #8 CuTR-05	22			
r #2 CuBRR-7	<5			
r #3 CuCR-03	15			
r #1 CuBR-9	5			
r #4 CuCR-04	6			
r 120356	14			
r HO98TR-01		0.010	0.134	0.006
r HO98TR-02		7.084	3.470	0.312
r HO98TR-03		0.010	0.257	<0.001
r HO98TR-04		0.027	0.096	0.118
r HO98TR-05		0.017	0.363	0.480
r HO98TR-06		0.024	0.623	<0.001
r HO98TR-08		0.028	0.015	0.037
r HO98TR-09		<0.010	0.244	<0.001
r HO98TR-10		<0.010	0.014	<0.001
s CuARSS-01		N.S.		
s CuARSS-02		N.S.		
s CuARSS-03		N.S.		
s CuARSS-04		N.S.		
s CuARSS-05		N.S.		
s CuARSS-06		N.S.		
s CuARSS-07		N.S.		
s CuARSS-08		N.S.		
s CuARSS-1B		N.S.		
s 13 CuBST-01	5			
s 14 CuBST-02	9			

**094074 - 1**

18/06/99

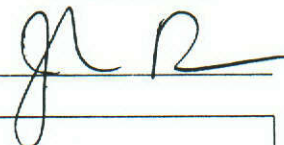
Certificate of Analysis

Page 2

Canadian United Minerals

WO# 05574

Certified by



Sample #	Au ppb	Au grav oz/ton	Cu %	Bi %
s 15 CuBST-03	7			
s 16 CuBST-04	6			
s CAU-10	5			
s 4 CuCST-01	10			
s 5 CuCST-02	9			
s 6 CuCST-03	5			
s 7 CuCST-04	8			
s 22 CuTRSS-04	63			
s 23 CuTRSS-05	58			
s CuCu-01	31			
s CuARP-05	<5			
s 17 CuTRS-01	24			
s 19 CuTRSS-01	22			
s 20 CuTRSS-02	43			
s 18 CuTRS-02	53			
s 21 CuTRSS-03	56			
s CuBR-S-01		N.S.		
s CuBRS-02		N.S.		
s CuBRS-09		N.S.		
s CuBRS-11		N.S.		
s CuBRS-12		N.S.		
s CuBRSS-14		N.S.		
s CuBRSS-15		N.S.		
s CuBRSS-16		N.S.		
s CuBRSS-16B		N.S.		
s CuBRSS-17		N.S.		
s CuBRSS-18		N.S.		
s 8 CuDS-01	17			
s 9 CuDSS-02	16			
s 10 CuDS-03	57			

**094074 - 1**

18/06/99

Certificate of Analysis

Page 3

Canadian United Minerals

WO# 05574

Certified by

Sample #	Au ppb	Au grav oz/ton	Cu %	Bi %
s 11 CuDS-04	7			
s 12 CuDS-05	16			
s 1 CuCRSS-01	27			
s 2 CuCRSS-01B	35			
s 3 CuCRSS-02	35			

094074 - 1

