

**A REPORT ON THE ANG QUARTZ CLAIMS  
115-1-3 MT. NANSEN, YUKON**

**BY  
EUGENE CURLEY**

**093661**

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.

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

## SUMMARY

The ANG claims cover outcroppings of Quartz Feldspar Porphyry that occur on the ridge between Montgomery Creek and Minnesota Creek, east of Victoria Creek. The north side of the ridge is covered by Buck Brush and moss. The south side is covered by moss and spruce trees.

The ridgetop has exposures of Quartz Feldspar Porphyry on 4 claims, ANG 5, 6, 7 and 8. This Porphyry Unit is described as Unit 9C in the accompanying Geological interpretations. Unit 9C is associated with Precious Metal occurrences in this area. Outcrops on ANG 1, 2, 3 and 4 are metamorphic shists and gneiss, described as Unit 2C in the accompanying geological map and interpretations.

Two days, August 29 - 30 1995, were spent by Eugene Curley, Prospector and Tanya Sulyko, Geological Assistant, doing a reconnaissance and Rock and Geochemical Soil sampling on the property. All outcrops in the area were examined and rock samples were taken from Quartz Feldspar Porphyry outcrops. Rock samples contained minor sulphides and were leached out in some cases. Brecciation occurred throughout the area and small veinlets of Quartz and chalcedony occurred in the samples taken. Sampling was carried out adjacent to and parallel to the claim line as indicated on the accompanying Sample Map.

Soil samples are indicated by a number followed by the letter S and rock samples by a number followed by the letter R. All samples were taken at random intervals. Assay and Geochem results are enclosed in the Report.

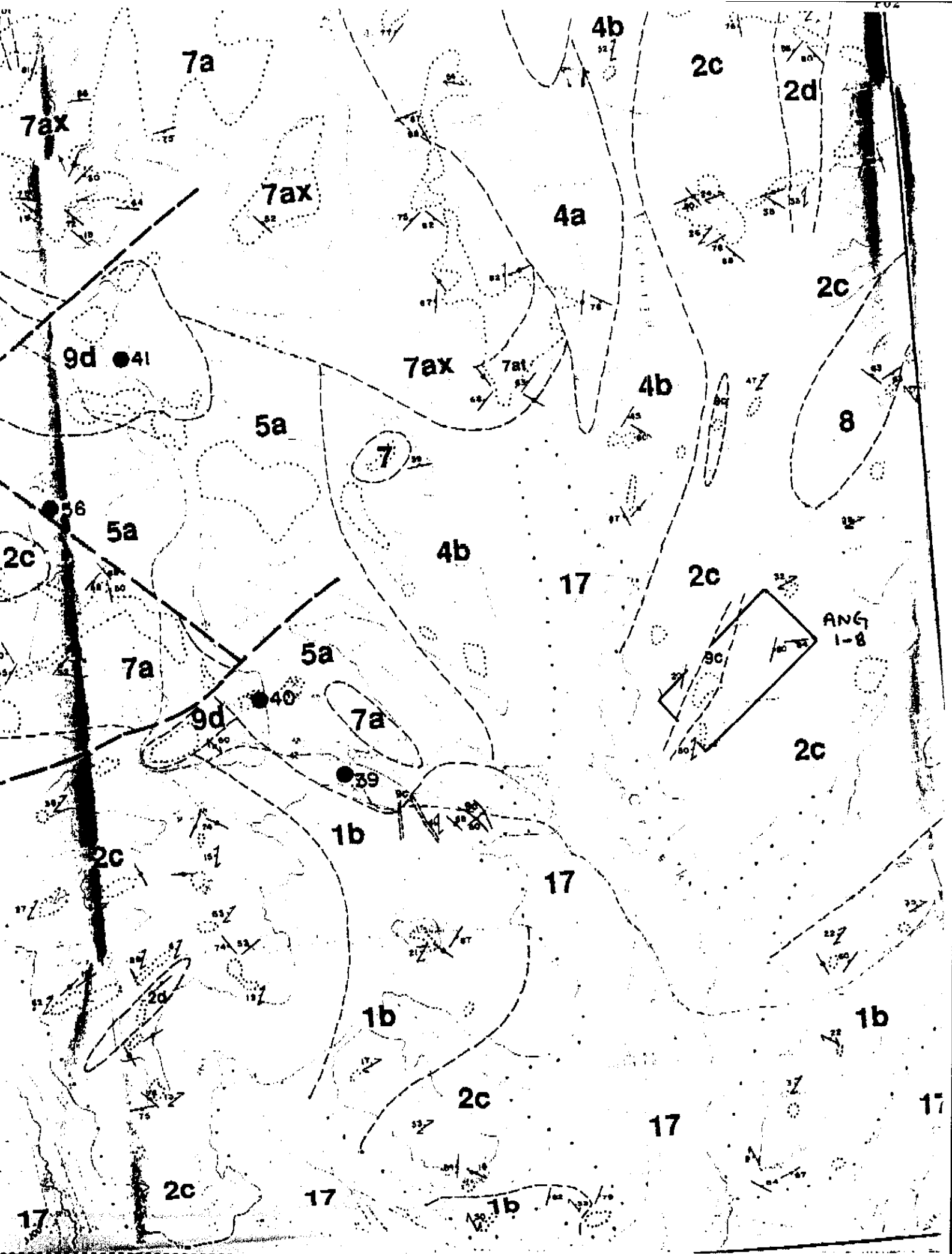
Results from the assays and Geochem were not encouraging, but further sampling downslope from the ridge could be successful.



Signed: Eugene Curley

### EXPENSES

2 People - 2 days @ \$150.00	\$600.00
Suzuki 4 x 4 ATV - 2 days @ \$100	200.00
Mileage Dodge 4 x 4	
Whitehorse Return - 470km @ 35c km	164.50
Camp - 2 days	90.00
Assay & Geochem	218.01
<b>TOTAL</b>	<b><u>\$1,272.51</u></b>



dykes; 9c, quartz-feldspar porphyry dykes, white weathering, commonly pyritic; 9d, porphyritic granodiorite to quartz monzonite stocks; 9e, gabbro to syenite, plagioclase +/- hornblende porphyritic, fine-grained to medium-grained, multiple dykes and plugs on Victoria Mountain.

8

**BOW CREEK GRANITE:** 8a, fine-grained biotite granite; 8b, fine to very fine grained, pink weathering, often miarolitic granite, minor chlorite, biotite; 8c, pink weathering aphanitic dykes and border phase to pluton, typically quartz and feldspar porphyritic.

7

**MOUNT NANSEN VOLCANICS:** 7a, andesite to latite massive flows and feeders; 7at, tuff, tuffaceous sediments, in part laharic; 7b, leucocratic latite to rhyolite; 7bt, welded vitric tuff, tuffaceous sediments; 7bx, lapilli tuff, pyroclastics; 7c, felsic dome-commonly flow-banded, quartz and feldspar porphyry.

## EARLY CRETACEOUS

### DAWSON RANGE PLUTONIC SUITE

5

**DAWSON RANGE BATHOLITH:** 5a, Casino granodiorite; 5c, Coffee Creek granite.

## EARLY JURASSIC

4

**MOUNT FREEGOLD META-PLUTONIC SUITE:** 4a, orthoclase-hornblende porphyritic syenite; 4b, plagioclase-hornblende monzonite; 4c, hornblende segregations in subunit 4a.

3

**KLOTASSIN META-PLUTONIC SUITE:** 3a, foliated hornblende-biotite granodiorite; 3b, leucogranodiorite.

## PALEOZOIC AND OLDER

### BASEMENT METAMORPHIC COMPLEX

2

**SCHIST AND GNEISS UNITS:** 2a, hornblende-biotite-feldspar gneiss, grades locally to unit 3; 2b, pink granite gneiss; 2c, schist-gneiss subunit includes biotite-quartz-feldspar schist, feldspar augen gneiss, amphibolite and minor quartzite and marble; 2d, amphibolite.

1

**METASEDIMENTARY UNIT:** 1a, quartzite, micaceous quartzite; 1b, quartz-feldspar-mica schist, quartzofeldspathic gneiss; 1L, limestone.

## QUATERNARY

- 17 Unconsolidated Alluvium, includes high level terraces along Big Creek.

## LATE CRETACEOUS TO PALEOCENE

- 15 LATE INTRUSIONS: 15a, aphanitic intermediate to mafic dykes, possibly Carmacks feeders; 15c, medium to coarse grained potassic gabbro; 15d, diabase dykes, plugs.

### CARMACKS SUITE

- 14 UPPER BASALT MEMBER: 14a, andesite flow; 14b, basalt flow; 14bx, basal debris flow, breccia.
- 13 LOWER ANDESITE MEMBER: 13a, andesite flow; 13at, andesite tuff, tuffaceous sediment, conglomerate; 13x, andesite breccia, debris flow; 13b, basalt to andesitic basalt flow.
- 12 BASAL FELSIC MEMBER: 12a, grey to white weathering crystal-lithic tuff, minor lapilli tuff; 12b, rhyolite dome.
- 10 CARIBOU CREEK CONGLOMERATE: conglomerate-quartz pebble to boulder associated black clastic sediment.

## CRETACEOUS TO PALEOCENE

### MOUNT NANSEN SUITE

- 9 PORPHYRY DYKES: 9a, plagioclase-hornblende porphyry, dykes and small plugs; 9b, plagioclase-hornblende-quartz +/- biotite +/- k-feldspar porphyry dykes; 9c, quartz-feldspar porphyry dykes, white weathering, commonly pyritic; 9d, porphyritic granodiorite to quartz monzonite stocks; 9e, gabbro to syenite, plagioclase +/- hornblende porphyritic, fine-grained to medium-grained, multiple dykes and plugs on Victoria Mountain.
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Invoice for Analytical Services

To:

Eugene Curley  
Box 47  
Faro, Yukon

Invoice Date: 11/09/95

WO# 15348

QTY	DESCRIPTION	UNIT PRICE	AMOUNT
	Sample Preparation:		
9	Rock Sample Preparation	4.25	38.25
8	Soil/Sediment Sample Preparation	2.00	16.00
	Analyses:		
8	Au + 30	15.50	124.00
9	Au 15 gm FA/AAS	8.50	76.50
Subtotal			254.75
GST @7% (R 121285662)			17.83
Total due on receipt of invoice			<b>\$272.58</b>

2% per month charged on overdue accounts





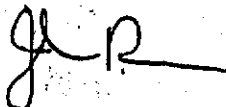
Assay Certificate

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WO#15348

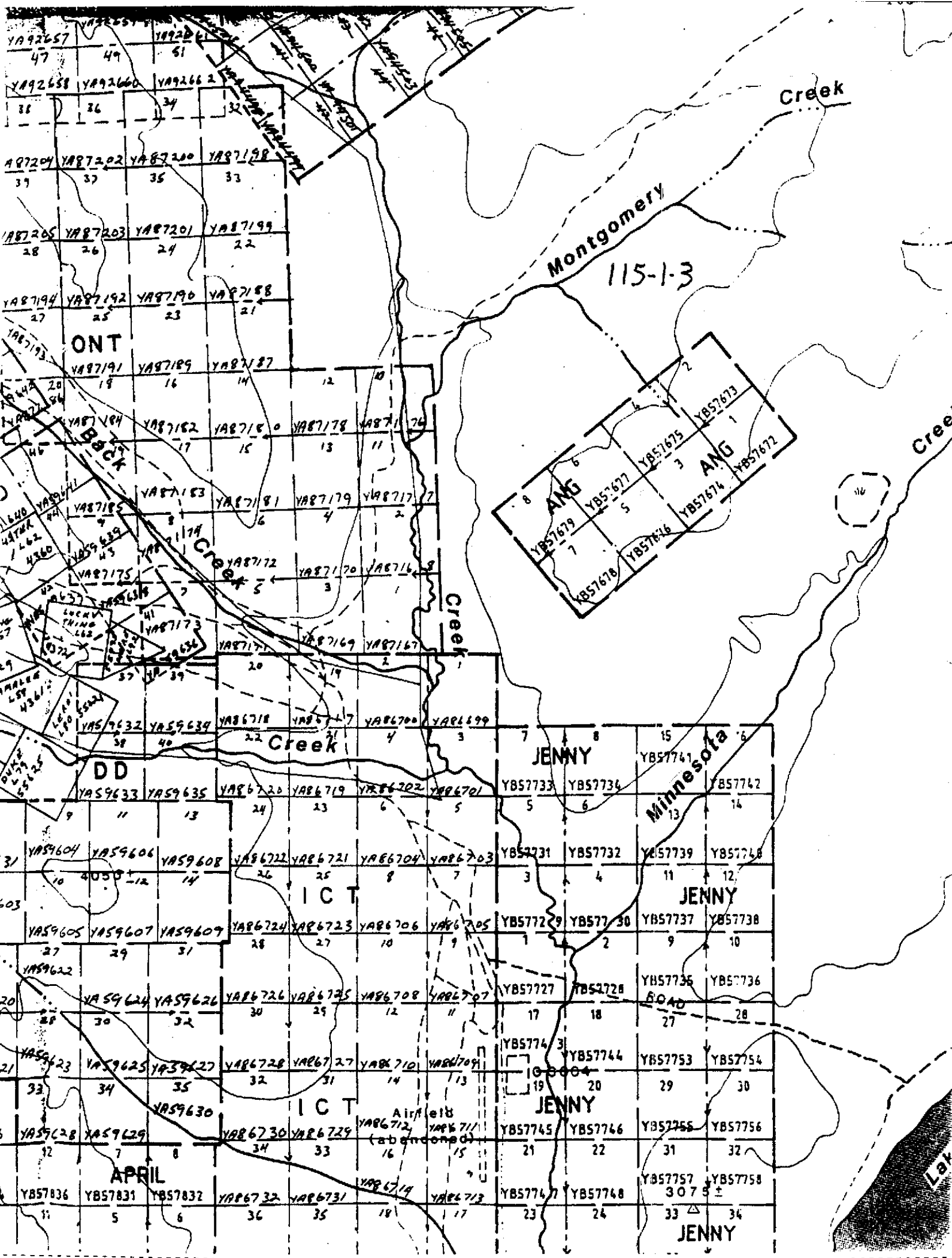
Sample #	Au ppb
BAG 1	19
BAG 2	<5
BAG 3	7
BAG 4	46
95201R	<5
95202R	21
95203R	<5
95204BR	5
95205R	<5
95201S	<5
95202S	<5
95203S	28
95204S	<5
95205S	20
95206S	<5
95207S	<5
95208S	<5

Certified by









YA92657  
47 49 51

YA92658 YA92660 YA92662  
38 36 34

YA92704 YA92702 YA92700 YA92798  
39 37 35 33

YA92705 YA92703 YA92701 YA92799  
28 26 24 22

YA92794 YA92792 YA92790 YA92788  
27 25 23 21

YA92791 YA92789 YA92787  
19 16 14

YA92784 YA92782 YA92780 YA92778 YA92776  
17 15 13 11

YA92783 YA92781 YA92779 YA92777  
16 14 12 10

YA92782 YA92780 YA92778 YA92776  
15 13 11 9

YA92781 YA92779 YA92777  
14 12 10

YA92780 YA92778 YA92776  
13 11 9

YA92779 YA92777 YA92775  
12 10 8

YA92778 YA92776 YA92774  
11 9 7

YA92777 YA92775 YA92773  
10 8 6

YA92776 YA92774 YA92772  
9 7 5

YA92775 YA92773 YA92771  
8 6 4

YA92774 YA92772 YA92770  
7 5 3

YA92773 YA92771 YA92769  
6 4 2

YA92772 YA92770 YA92768  
5 3 1

YA92771 YA92769 YA92767  
4 2

Creek

Montgomery  
115-1-3

ONT

BACK

Creek

Creek

Creek

JENNY

Minnesota

DD

ICT

JENNY

ICT

JENNY

APRIL

JENNY

ANG

8	6	2
YB57679	YB57675	YB57673
7	3	1
YB57678	YB57674	YB57672
5	4	

Lot