

# Prospecting and Geochemical Report

CATHY 1-22 Claims

Grant # YC13111 - YC13132

Dawson Mining Division

NTS # 1150/3

LAT. # 63.14 North

LONG. # 139.30 West

Work performed for Canadian United Minerals Inc.

Author of report : Shawn Ryan

work performed September, 1999

094152



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 \$ 2200.

*M. Baker*

*for*

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

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- Claim Map
- Topo Map (Sample locations)
- Geology Map
- Magnetic Map

## Summary

The CATHY 1-22 claims, grant # YC13111-YC13132 registered to Canadian United Mineral Inc. are being renewed for 1 year. Prospecting on the claim block has revealed anomalous float rocks in Cu, Ag, As, Sb.

## Introduction

The CATHY 1-22 claims were staked to cover a geophysical magnetic anomaly. The magnetic anomaly appears on the government 1966 airborne geophysical map. It is a large magnetic anomaly that appears to cross the Yukon River. I performed a silt survey on various creeks crossing this anomaly and picked up anomalous values in Au, As, Cu.

## Location

The property is located 55 miles south of Dawson City. It borders the Yukon River.

## Access

Access is via river boat in summer months or skidoo during winter months.

## Property Geology

The property geology is located in precambrian yukon group of gneiss, quartzite schist and slate according to H.S. Bostock Geology map 711 A.. While prospecting I have found massive biotite with pyrite and a quartz breccia. I also located spongy gold in pan concentrates along magnetite in one of the creeks draining into the Yukon River.

## Work Performed

I spent 2 1/2 days prospecting mostly along the Yukon River. I took 2 silt samples along two creeks and grab rock samples from two outcrop areas. I also spent some time taking pan concentrates in various spots to see if I could find more sponge gold.

## Interpretation / Silt Samples

The two silt samples showed very little Au or any other element. I question the samples because Au 5995501 gave a 8 ppb Au and in the same 5 metre area I found visible fly specks of gold in pan concentrate. Au 5995502 gave a 12 ppb Au with no really anomalous other elements, but the quartz breccia taken above this silt spot gave very anomalous value in Cu, Ag, As, Sb. I suspect these two silt samples are not a good representation of what is going on and plan to take new samples.

## Rock Samples

I took 3 rock samples, two from the same area of the quartz breccia and one rock sample 1 km. away down river.

Interesting that the two rock samples of the quartz breccia gave slightly different values. I.P.L. analysis of Au 599R02 gave anomalous value in Ag (12.8 ppm), Cu (1599 ppm), Zn (114 ppm), As (3406 ppm), Sb (59 ppm) and Chemex analysis of Au R02 gave Ag (2.8 ppm), Cu (98 ppm), Zn (3810 ppm), As (2840 ppm), Sb (26 ppm) and Hg (1 ppm).

These two samples show us how erratic this quartz breccia is and the need to take more than one sample from an outcrop area.

The third rock sample was taken 1 km down river from the quartz breccia and had only a slightly anomalous Cu (78 ppm) but showed a Hg (1 ppm). The mercury anomaly also shows up in the quartz breccia. I'm not sure if there is a correlation but in light of the base metal found in the area, this area should be investigated further.

### Recommendations

I recommend resampling anomalous Au of creek with silt sample every 100 m. up the creek. I would also recommend soil sampling around quartz breccia to see the extent of the base metal anomaly.

### Qualifications

I have been prospecting in the Yukon for the last 8 years. I have 19 years experience in the exploration business working in Ontario, Quebec, N.W.T. and the Yukon. I own 40% of Canadian United Mineral Inc that owns the Cathy 1-22 claims.

### Cost

4 days x 2 men (\$350.00)	= \$1400.00
Boat/motor rental 4 x \$100.00	= 400.00
Gas/oil	= 100.00
Food \$35 x 2 men x 4 days	= 280.00
Report	= 300.00
Assays	= 60.00
<u>Total</u>	<u>= \$2540.00</u>

Rock Description

Au R01 - Massive biotite with pyrite and maybe  
chalcopyrite

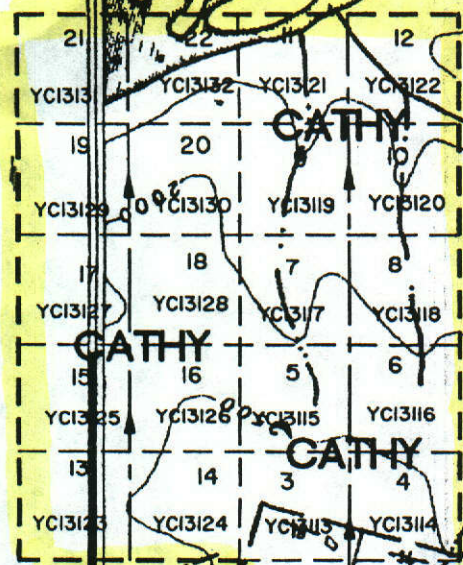
Au R02 - Quartz breccia with arsenopyrite

Au S99R02 - Quartz breccia with arsenopyrite and  
chalcopyrite

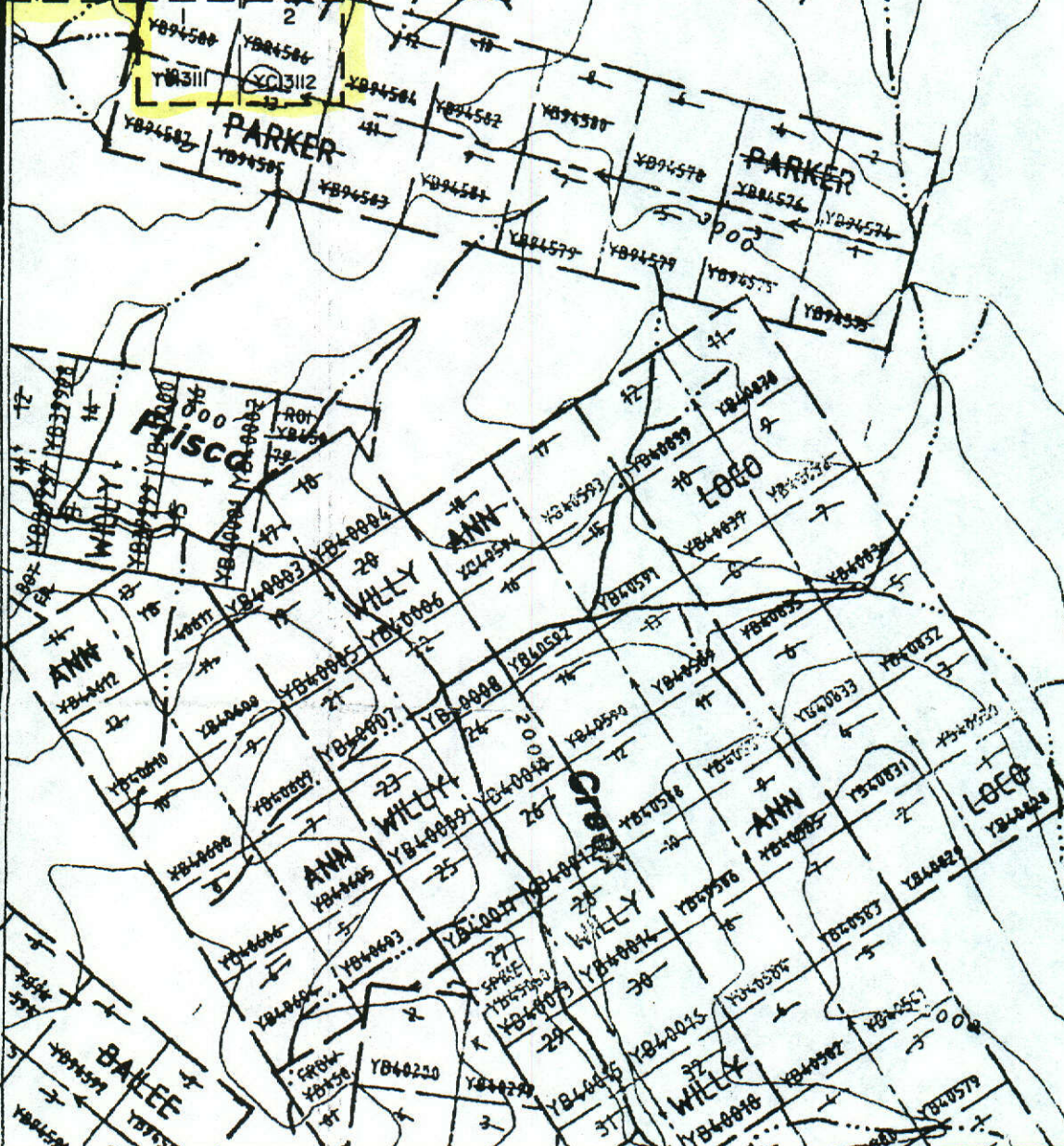
139°30'

25°

63°15'



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27/10/99

Certificate of Analysis

Page 2

Shawn Ryan

WO# 00020

Certified by

Sample #	Au ppb
SXSR99SS05	10
SXSR99SS09	26
SXSR99SS10	14
STES99SS01	9
STES99SS02	9
STES99SS05	22
STES99SS06	14
STES99S10	11
TWS99SS01	6
AUS99SS01	8
FRIS99SS01	10
JC99FSS02	14
JC99FSS03	16
JC99FSS06	23
JC99FSS08	9
SEVS99SS09	7
SEVS99SS12	24
STES99SS03	18
STES99SS07	16
STES99SS08	8
SXSR99SS06	10

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# ALS Chemex

Aurora Laboratory Services Ltd.  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: CANADIAN UNITED MINERALS INC.

BOX 1260  
 DAWSON CITY, YT  
 Y0B 1G0

Page Number :1-A  
 Total Pages :1  
 Certificate Date: 29-JUN-2000  
 Invoice No. : I0021333  
 P.O. Number :  
 Account : PRP

Project :  
 Comments: ATTN: SHAWN RYAN

## CERTIFICATE OF ANALYSIS

A0021333

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
AU R01	205 226	< 5	< 0.2	2.79	< 2	< 10	200	< 0.5	< 2	0.52	< 0.5	15	51	78	4.29	< 10	1	0.26	< 10	2.46
AU R02	205 226	25	2.8	0.12	2840	< 10	180	< 0.5	< 2	3.57	81.5	3	83	98	2.46	< 10	1	0.09	< 10	1.27
PEA SK R01	205 226	< 5	< 0.2	2.26	76	< 10	1110	0.5	< 2	8.16	1.0	26	203	138	2.78	< 10	< 1	0.53	60	1.57
PEA 20 R05	205 226	< 5	< 0.2	2.57	8	< 10	90	6.5	< 2	1.12	1.5	4	35	8	2.29	< 10	< 1	0.41	110	0.17
PEA 20 R09	205 226	< 5	< 0.2	5.01	4	< 10	50	12.5	< 2	1.69	0.5	< 1	22	3	1.33	10	< 1	0.94	140	0.07
PEG ST R01	205 226	< 5	< 0.2	0.23	6	< 10	80	< 0.5	< 2	0.21	< 0.5	< 1	66	19	0.55	< 10	< 1	0.08	< 10	0.05
SEVSR 20 R02	205 226	< 5	< 0.2	0.17	2	< 10	20	< 0.5	< 2	0.05	< 0.5	1	66	12	0.48	< 10	< 1	0.08	< 10	< 0.01
SEVSR 20 R03	205 226	< 5	< 0.2	0.71	2	< 10	80	< 0.5	< 2	0.07	< 0.5	3	109	14	1.19	< 10	< 1	0.41	< 10	0.38

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CERTIFICATION:



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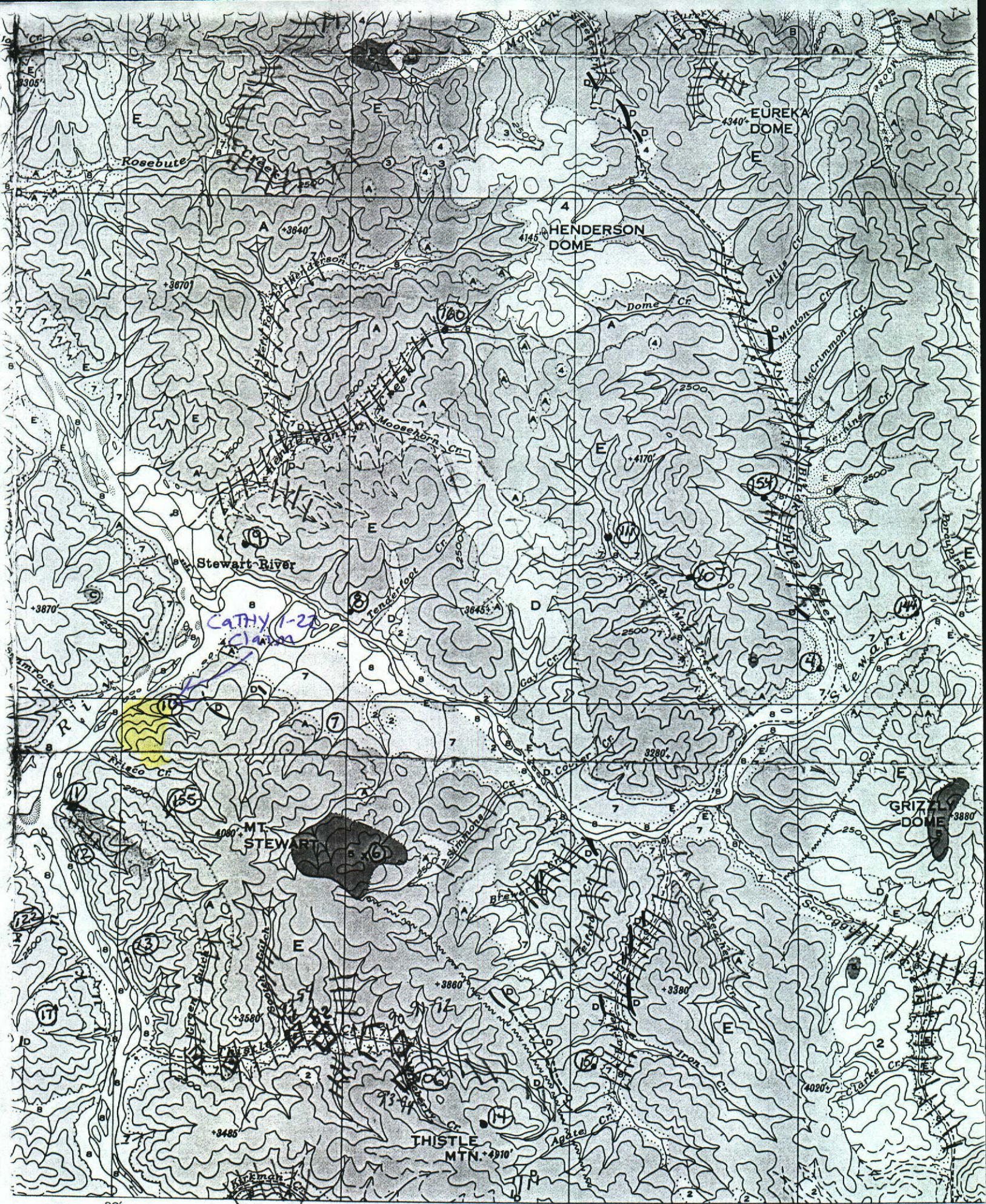
## CERTIFICATE OF ANALYSIS

### A0021333

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AU R01	205 226	455	< 1	0.07	6	930	< 2	0.02	2	8	9	0.13	< 10	< 10	138	< 10	76
AU R02	205 226	2120	3	< 0.01	6	180	< 2	0.33	26	3	111	< 0.01	< 10	< 10	9	< 10	3810
PEA SK R01	205 226	535	1	0.25	144	4090	< 2	< 0.01	< 2	7	421	0.27	< 10	< 10	69	10	132
PEA 20 R05	205 226	1620	8	1.20	3	340	26	0.61	< 2	< 1	199	0.06	< 10	< 10	23	20	322
PEA 20 R09	205 226	775	8	< 0.01	3	160	22	0.15	4	< 1	320	0.03	< 10	< 10	10	< 10	164
PEG ST R01	205 226	45	< 1	0.06	1	< 10	2	0.21	< 2	< 1	24	< 0.01	< 10	< 10	4	< 10	10
SEVSR 20 R02	205 226	95	< 1	0.05	1	40	6	< 0.01	< 2	< 1	5	< 0.01	< 10	< 10	1	< 10	12
SEVSR 20 R03	205 226	215	3	0.06	7	100	< 2	0.01	< 2	4	6	0.08	< 10	< 10	26	< 10	32

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CERTIFICATION:



30'

15'

139°00'

45'

094152

MAP 711A

