

**PROSPECTING/ GEOCHEMISTRY**

**REPORT**

**SCROGGIE 1-16**

**GRANT# YC17251-YC17266**

**094168**

**DAWSON MINING DIVISION**

**NTS # 115 0/2**

**LAT 63'02 NORTH**

**LONG 138'35 WEST**



**AUTHOR OF REPORT SHAWN RYAN**

**WORK PERFORMED AUGUST 1999**

**DATE OF REPORT JANUARY 2001**

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 \$ 1600.00.

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

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## **SUMMARY**

The Scroggie 1-16 claims, grant # YC17251-YC17266 registered to Shawn Ryan will be renewed for 1 year. Prospecting has located several large pegmatite structure. One silt sample has revealed a high gold geochem 378ppb Au coming from one of these pegmatite body.

## **INTRODUCTION**

The scroggie 1-16 claims where stake to cover a small magnetic anomaly. The claim group also cover the richest placer area on the whole creek system. The model being sought after is a mother load type.

## **LOCATION**

The Scroggie 1-16 claims are located 75 air mile south east of Dawson City. The claim block west boundarie ties on to scroggie creek about 400 meter downstream of the steven creek junction.

## **ACCESS**

Access can be attained by two ways. One is to fly from Dawson City via fixe wing or helicopter. There is a runway situated on the east end of the claim block on scroggie creek. The run way is being maintained by the local placer miner. The second way to gain access is via a winter road from behind the Pelly farm. The Pelly Farm is located 30 miles down the Pelly river from the community of Pelly crossing. There a good dirt road starting from Pelly crossing that leads to the Farm. At this point you can use a 4\*4 four wheeler and drive threw the farm property closing all gates behind. The road is actually the old Dawson to Whitehorse road. The road to the Scroggie property is about 70 miles long so take plenty of gas and hope you dont break down.

## **PROPERTY GEOLOGY**

According to Bostock geology map number 711A called the Olgilvie Map the Scroggie claims lie in the Yukon group. The group includes gneiss, quartzite, schist and slate. I have found a large pegmatite system running up a small side creek. I have also noted a rock unit that carries garnets up to 1 cm, in a felsic off white matrix with hornblende crystal up to two cm. long by 2-5 mm. wide. This rock unit that I thought was some sort of skarn was now explain to me to be as being a felsic volcanic rock unit. The GSC geologist Jim Ryan was the one to identify the rock unit. The GSC are presently undertaking a regional geology mapping program and have identified the same rock unit in the Thistle creek area.

## **WORK PERFORMED/ METHODS**

### **PROSPECTING**

I flew into the Scroggie property in early August of 1999. I and Scott Fleming took 3 days to prospect and take silt sample on the property.

Prospecting revealed a large pegmatite system associated with a felsic volcanic unit carrying large garnets and hornblende crystals. I took a few strikes and dip along the road side cuts, running parallel to the creek. Most of strikes are running north south along the valley and it's dipping 45-55 degrees to the east.

### **SILTS**

I took three silt sample from the small creeks draining into Scroggie creek. Two silts revealed very anomalous gold values from 77-378ppb Au. No other anomalous indicator were found in the ICP.

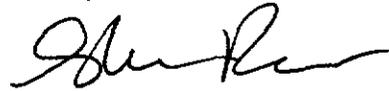
### **INTERPRETATION**

Silt sample SCSR99SS06 gave a gold value of 378 ppb with no other anomalous elements associated with it. This high gold geochem is situated just below a large 50 meter by 200 meter pegmatite system. Silt sample SCRF99SS02 gave a gold value of 77 ppb again with no other anomalous elements. I have found a pegmatite outcrop sitting on the ridge top high above the silt sample location. These two high silt gold sample may have something to do with the pegmatite but this is only speculation until more sample our taken.

## QUALIFICATIONS

I have worked in the exploration business for the last 19 years. I have run geophysical survey for the last 12 years. I have being actively prospecting in the Yukon for the last 7 years. I have personally work on this project and state that all the data to be true.

Prospector  
Shawn Ryan

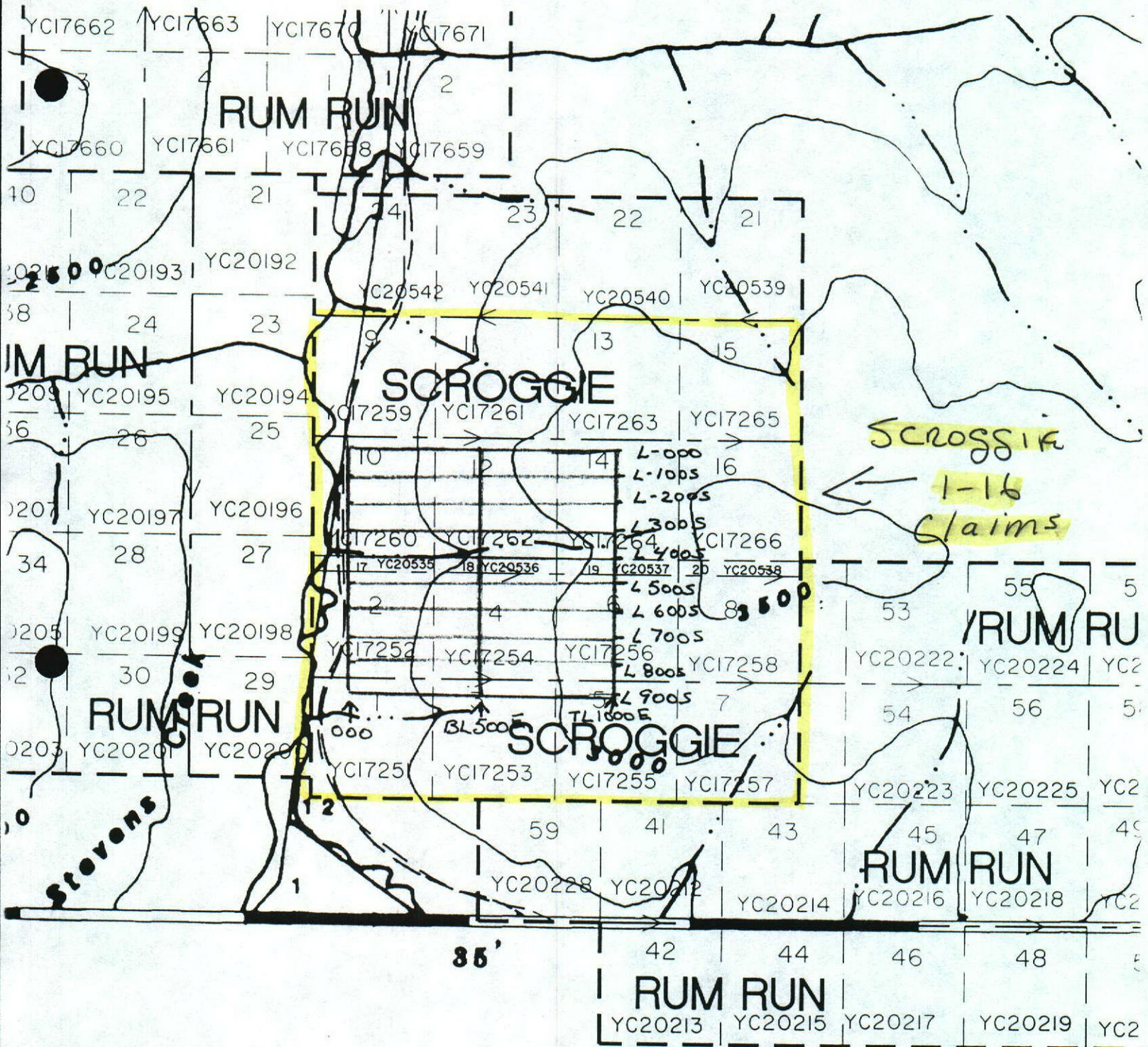
A handwritten signature in black ink, appearing to read "Shawn Ryan", written in a cursive style.

## RECOMMENDATION

I would recommend further follow up on these two anomalous silts. I would begin with more silts taken up the two anomalous creeks. I would also recommend more prospecting in the two anomalous creek drainages. These creeks are relatively small and it should take to long to get a better idea on what other rock units are in the area.

## COST

Prospector Shawn Ryan wage 3 days @ 250.	750.00
Helper Scott Fleming wage 3 days @ 150	450.00
assay work	60.00
Airfare	390.00
Report	300.00
	-----
Total	1950.00



SCROGGIE GRID LOCATION

NTS 115012

094168

↑  
NORTH  
|

500m  
SCALE

WORKED OCT/2000



24/08/99

Certificate of Analysis

Page 1

Shawn Ryan

WO# 05730

Certified by *J.R.*

	Sample #	Au ppb
m	MCF99SS01	365
s	MCF99SS02	12
m	MCF99SS03	8
s	MCF99SS04	<5
s	MCF99SS05	<5
m	MCSR99SS01	14
s	MCSR99SS02	11
s	MCSR99SS03	13
s	MCSR99SS04	<5
m	MCSR99SS05	9
s	SCSR99SS06	378 (1)
s	SCR99FSS01	<5 (2)
s	SCRF99SS02	77 (3)
s	SCRF99SS03	5 (4)
s	MCSR99S13	<5
s	ALPBB99S01	<5
s	ALPBB99S06	<5
s	ALPBB99S07	5
s	ALPCC99S07	<5
s	ALPCC99S08	<5
s	ALPAA99S11	11
s	ALPAA99S12	18
s	ALPAA99S13	5
s	ALPAA99S14	<5
s	ALPAA99S15	26
s	ALPS99SS01	5
s	ALPS99SS02	7
m	ALPS99SS03	6
s	ALPS99SS04	6
s	ALPS99SS05	8

(1)  
(2)  
(3)  
(4)

094168

© - CAMP SITE

TRAVERSE ROUTE

SCALE 1-50,000

094168

NORTH



CREEK RITORY

Scroggie claims

SAMPLE LOCATION MAP NTS # 115 012

Établie et imprimée par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DES MINES ET DES RELEVÉS TECHNIQUES en 1961, d'après les photographies aériennes prises en 1949 et 1955.  
 Ces cartes sont en vente au Bureau de distribution des cartes, ministère des Mines et des Relevés techniques, Ottawa.

On a comparé cette carte aux images prises par satellite en 1980; nous avons constaté que toutes ses caractéristiques principales étaient à l'ouest.



SCROGSITE Claims Locations

By H.S. Bastock

MAP 711A  
 OLGILVIE GEOLOGY  
 MAP

094168

these sedimentary rocks to the south consist of similar strata but those materials from various formations including some that are not present of the Carmacks Group (4) are intercalated with the upper beds of the dip at angles up to 35 degrees. The area fringed by these rocks west of Yukon northwesterly with a minor anticline in it extending up Galena Creek. forks of Klondike River are beds of conglomerate, shale, clay, and lignite with the strata described above. They form part of a sedimentary to the northwest, in parts of which plants regarded as of Eocene age.

The CARMACKS GROUP (4) of volcanic rocks is predominately and north of Sixtymile Rivers the strata appear conformable with the west side of McKinnon Creek they occur as sheets that cut through and over Sixtymile River a large part of the lavas are light-coloured; include more and, in places, appear to be intrusive. The acidic types resemble the typically volcanic textures. In almost all parts of the map-area are a few and in the area west of Yukon River, north and south of White River, su

Three porphyritic bodies (5) that range from granite to syenite lie in the regarded as of Tertiary age because of their resemblance to some of the the Yukon Group but their relationships to other formations are not know

Remnants of a basalt lava flow of the SELKIRK SERIES (6), as much a Rosebud Valley. In places the base of the flow is less than 40 feet abo

Deposits of stream gravels (7) lie on rock terraces and on high saddle the upland surface. The great deposits of Flat, Rosebud, and Valley C White Channel gravels of the Klondike are believed to have accumulated and all are stream deposits. The White Channel deposits along Bonanza, into Klondike and Indian Rivers formed solely from the rocks in their r along Flat Creek contain great quantities of detritus from the Ogilvie Mc Stewart Valley from the country to the southeast. The gravel terraces i Rosebud Creek contain distinctive chert, chert breccia, and conglomer found on the upper Stewart River. The gravels are over 200 feet thick or River, and over 500 feet thick on Flat and Rosebud Creeks. Large deposit Creek valleys up to an elevation of 2,500 feet, and chert pebbles characteri as high up as 3,000 feet. The deposits filled Stewart Valley and were c Australia Creek and down the valley of Indian River to its mouth. Subsequ tion of the valleys through the gravels into the rock floor beneath and the f Recent stream deposits (8) floor the valley bottoms and flood plains. They r of their respective areas.

The area mapped includes all but the northern fringe of the Klondike p were discovered nearly fifty years ago they are still an important source of ( time to come. In other parts of the area, notably the central and southern past, been found to carry gold placers of some importance. These have the recent (8) and older (7) stream deposits. Most of these creeks have st other modern methods. The possibilities of lode mining are largely une Yukon Group adjacent to the intrusive rocks present features favouring lo discoveries and none has yielded a profitable production.

E - YUKON GROUP

GNEISS, QUARTZITE  
 SCHIST, SLATE

#2 - GRANITE - JURASSIC -