

GEOCHEMICAL REPORT

CU 1-8 CLAIMS

GRANT # YC08871-YC08878

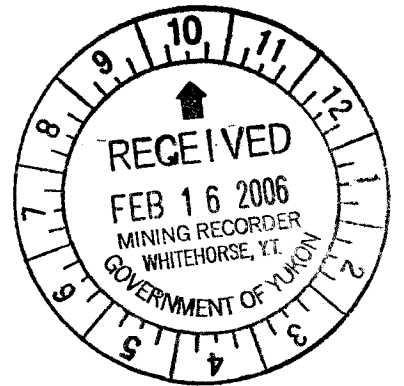
NTS # 115 N \ 1

LAT: 63° 03' N

LONG: 140° 09' W

095290

WHITEHORSE MINING DISTRICT



AUTHOR OF REPORT SHAWN RYAN

WORK PERFORMED JUNE 21, 2005

DATE OF REPORT FEBRUARY 11, 2006

## **SUMMARY**

The Cu 1-8 claims were staked to cover a regional GSC silt anomaly found at the head waters of a local creek named Wolf Creek. The claims were visited by myself Shawn Ryan for one day on June 21, 2005. A few soil and rock were collected.

### **1.0 INTRODUCTION**

The CU 1-8 YC08871-YC08878 claims will be renewed for three years.

### **2.0 LOCATIONS AND ACCESS**

The CU 1-8 claims are located on NTS 115 N / 1 in the Whitehorse Mining District. The Property lies 115 kilometers southwest of Dawson City, Yukon. The claim block covers a very prominent mountain that overlooks the White river. Access is via helicopter from Dawson City, Yukon.

### **3.0 PROPERTY DESCRIPTION**

The Property consists of 8 full Quartz mining claims, which are registered in the Whitehorse Mining District.

### **4.0 PHYSIOGRAPHY**

The property lies between the elevations of 3700 feet and 4700 feet. The entire property is covered sparse vegetation such as willow bush around the creek to just tundra moss on the ridge top.

## 5.0 REGIONAL AND PROPERTY GEOLOGY

### 5.1 REGIONAL GEOLOGY

The Yukon-Tanana Terrane in the Stewart River area consists of twice transposed, amphibolite-facies gneiss and schist of mostly of (?) Paleozoic age. Quartz-rich metaclastic rocks (quartzite, quartz-mica schist, psammite, conglomerate) appear to have deposited during the mid-Paleozoic, rather than the Proterozoic as previously suspected. Broadly contemporaneous amphibolite of intermediate to mafic composition interdigitates with, and lies structurally (and possibly stratigraphically) above, the metaclastic rocks. Extensive orthogneiss (including augen granite) intrudes both. The orthogneiss and amphibolite formed the subvolcanic root and volcanic cover, respectively, of a Devonian-Mississippian island arc. These rocks served in turn as basement to a Permian magmatic arc, manifested as the Klondike schist and related plutons. A co-magmatic Permian orogeny resulted in extensive transposition and metamorphism of the mid- and late Paleozoic rocks. The Lucky Joe Cu-Au occurrence, of recent interest in the area, occurs generally within the complex, possibly structurally modified interface between metaclastic and amphibolite successions. (Geology excerpt from Ryan and Gordey 2003)

### 5.2 PROPERTY GEOLOGY

The GSC Open File 4641 Geology of Stewart River Area indicates that the Cu 1-8 claims are found covering Mid to Late Paleozoic, Klondike schist and Augen gneiss, and early Jurassic granodiorite, and Upper Cretaceous Carmacks Group.

## 6.0 WORK PROGRAM / METHODS

### 6.1 PROSPECTING WORK

I prospected the old trench area looking for sheeted quartz veins. My past work indicated gold soil anomalies in the 40-55 ppb range. I looked around and only found a couple of areas carrying sheeted quartz vein. Assay returned nil in gold. I also ran some rocks with copper and molybdenum in the narrow 50 mm quartz vein. I took three soils over the 2001 soil anomaly but forgot them in a plastic bag and the sun disintegrated the soil bags in between jobs. So I did not run them.

## 7.0 INTERPRETATION

The Cu claims are sitting on interesting geology. The regional silts are indicating very anomalous values in arsenic, antimony, tungsten and gold. Deltango Gold Ltd regional silt and pan concentrate survey confirmed these elements plus found anomalous values in bismuth. They also mapped out a Medium grained hornblende +/- biotite granite, variable porphyritic plagioclase. Deltango geology work is the first to recognize this different rock unit I feel is the beginning to start explain the regional silt anomalies. More soil work is needed to help define a gold or copper, molybdenum target.

## 8.0 RECOMMENDATION

I would recommend a detail soil survey covering the Medium grained hornblende +/- biotite granite this should help in defining specific zone of mineralization. A ground magnetic survey may also help in potential structures.

## 9.0 REFERENCES CITED

Ryan, J.J., Gordey, S.P., Glombick, P., Piercey, S.J., and Villeneuve, M.E., 2003: Update on Bedrock geological mapping of the Yukon-Tanana Terrane, southern Stewart River map area, Yukon Territory. Current Research 2003.

Ryan, J.J. and Gordey, S.P. 2001. GSC Open File 3690 Geology of Thistle Creek Area, Yukon Territory.

Thompson, A.J.B. and Thompson, J.F.H. Atlas of Alteration, Geological Association of Canada, 1996.

Deltango Gold Ltd, Dec / 2000. Assessment Report # 094173 by G.Jilson and DJ. Brownlee

## 10.0 QUALIFICATION

I Shawn Ryan located in Dawson City, Yukon work as a professional prospector. I run a small exploration company located in Dawson city.

I have worked in the exploration business for the last 22 years. I worked the first 12 years as a contractor working on numerous projects in the NWT, Ontario, Quebec and the Yukon. I have worked for the last 8 years as a local prospector for myself.

I have being trained to run various geophysical instruments and surveys such as magnetic surveys, max-min surveys, induce polarity surveys and Vlf surveys.

I am the prospector who conducted the property visit and collected the rock samples.

I own 100 % of the Cu 1-8 claims.

Dated this 12 of February 2006 in Dawson City, Yukon.

Respectfully submitted



Shawn Ryan

## 11.0 COST

Assay Cost 4 rock samples @ \$26.49 per sample	\$105.49
1 man day @ \$300.00 per day includes food	\$300.00
Helicopter Transportation 1.5 hour @\$1200.00	\$1800.00
Report Writing Cost	\$300.00
Total	\$2505.49











