REPORT

On the

RECONNAISSANCE GEOLOGICAL MAPPING

Of

Claim 1243478 and 4217467

For

STRIKE MINERALS INC.

BRUCE EDGAR

June 6, 2009
SUMMARY

Strike Minerals claims 1243478 and 4217467 in Jacobson Township lie just north of the regionally extensive Goudreau Lake Deformation Zone (GLDZ), host to numerous gold occurrences, past producing gold mines, and the currently producing Island Gold Mine of Richmont Mines Inc.

Structural controls appear to be the most important factor in the localization of gold-bearing zones within the GLDZ, and the GLDZ is host to numerous, systematically oriented shear zones within a predominantly mafic volcanic package of rocks.

Reconnaissance mapping and sampling of the Strike claims revealed that the majority of the property appears to contain thinly bedded sedimentary rocks and none of the alteration, shear zones or felsic intrusive rocks common to areas of gold mineralization within the GLDZ. Although the sedimentary package of rocks has undergone folding to an up-right position and regional compression similar to the GLDZ, other characteristics for gold deposition do not appear to exist as within the mafic volcanic package of the GLDZ.

As a result, the author recommends that Strike Minerals concentrate exploration efforts on other properties held within the GLDZ that hold greater promise for exploration success.
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INTRODUCTION

In May, 2009, the author was given the mandate by Mr. Denis Crane (President- Strike Minerals), to complete reconnaissance geological mapping over claim blocks 1243478 and 4217467 in Jacobson Township, Ontario.

Claim 1243478 consists of six units and claim 4217467 also consists of six units. The claim blocks form a portion of Strike Mineral’s properties in Jacobson Township and are referred to as “the northern group of claims”. The claim group is located just north of numerous gold occurrences in the area and it was decided that an investigation of the two claim blocks should be undertaken to determine the potential for exploration.

LOCATION and ACCESS

The Strike Minerals claim blocks 1243478 and 4217467 are located in northern Jacobson Township (plan M-1583) and border the Goudreau Gold District of the Sault Ste. Marie Mining Division to the north.

The property is located 26 kilometres east of Dubreuilville, and 50 kilometres northeast of Wawa, Ontario, and is easily accessed by gravel roads. The Lochalsh access road traverses claim 1243478 east/west and bush roads (former lumber roads) provide access to both claim groups. A Great Lakes Power Line traverses the southern portion of the property.

Claim block 1243478 is located between UTM coordinates 699300 and 701500 East and 5356500 and 5357600 North, and claim block 4217467 is located between 700400 and 701300 East and 5357500 and 5358800 North.

GEOLOGICAL SETTING

Regional Geology

The Strike Minerals Inc. claim blocks 1243478 and 4217467 are located on the northern margin of the regionally extensive Goudreau Lake Deformation Zone (GLDZ), as outlined by the Ontario Geological Survey, within the Goudreau-Lochalsh area of the Wawa (Michipicoten) Greenstone Belt.

The geology of the area is known mainly from the work of Vencan Gold Corporation (Spirit Lake Explorations Ltd) and Strike Minerals Inc. on the Vencan Claim group and the Edwards Mine property; Noranda Exploration, Cline Development Corp. and Cline Mining Corp. on the Cline Lake property; Vega Gold Explorations Inc. and Pele Gold Corp. on the current Pele Gold property surrounding Godin Lake; and from various Reports by the Ontario Geological Survey (Authors include Heather, K. B., Arias, Z. G. and Sage, R. P.) and a report by E. L. Bruce (1940) in the Ontario Department of Mines, vol. 49, pt 3.
LOCATION MAP
The Michipicoten Greenstone belt is divided into three episodes of volcanism and sedimentation, the Strike Minerals claim blocks lay within the Catfish assemblage which is the largest of the three assemblages. It consists of massive and pillowed magnesium and iron-rich tholeiitic flows overlain by intermediate to felsic metavolcanics that are intercalated with metasediments, which indicates contemporaneous volcanism and sedimentation within the upper portion of the assemblage. The metavolcanics and metasediments have been intruded by mafic to felsic intrusives. Northwest trending younger diabase dykes intrude all rock types.

All metasediments and metavolcanics have undergone regional lower to middle greenschist facies metamorphism. The overall trend of the rocks is east-west. Structural controls appear to be the most important factor in the localization of gold-bearing quartz veins in the area and the GLDZ is comprised of numerous, systematically oriented, shear zones.

Property Geology

The Strike Minerals claim blocks 1243478 and 4217467 appear to lie on the boundary between a metavolcanic/metasedimentary assemblage and a band of metasediments to the north, which are in turn bordered by the vast northern granitic pluton.

Outcropping on the property is limited and comprises probably less than 1 percent of the total area. The property appears to be predominantly underlain by thinly bedded sediments (probably metamorphosed greywackes) which are chloritized and carbonatized to varying degrees, and are micaceous and schistose. The sediments trend from 80 to 110°, and dip near vertically, from steeply south predominantly to steeply north occasionally. They exhibit a very fine to fine grain size with trace pyrite. Some contacts are evident between these finely bedded sediments and more thickly bedded sediments which also exhibit chloritization and carbonitization to varying degrees. Pillowed mafic volcanics are also seen contacting the thinly bedded sediments as is a gabbroic intrusive in one location.

White, crystalline, pinch and swell, quartz veining occurs within the sedimentary rocks on the property and trace pyrite is found in the host rocks.

The property is covered generally by a cobbly glacial till, while in some locations a boulder till is evident, and in other locations glacial lacustrine sands are visible.

WORK PERFORMED

From May 21 through May 26 the author and an assistant travelled to and from the property and completed reconnaissance geological mapping of the two claim blocks.
An “etrex” GPS was used to provide UTM location data for all features, claim posts and outcrops etc on the property.

Mapping of the property was completed at a scale of 1: 3000 (1 cm to 30 metres) and quartz veins encountered were sampled. Samples were shipped to Swastika Laboratories of Swastika, Ontario, an accredited laboratory, and assayed for gold.

A base map was completed showing all features encountered and accompanies this report.

RESULTS of RECONNAISSANCE GEOLOGICAL MAPPING and SAMPLING

Outcropping on the property is very limited and was found primarily in the southern portion of claim block 1243478 in proximity to the Lochalsh road and along the Great Lakes Power Line, and in the north-western portion of the property in claim block 4217467 on a ridge area in proximity to a lake.

The majority of the property is covered in a cobbly glacial till, which has been formed into narrow ridges trending from approximately 070° to 100°. In a few locations a coarse boulder till is witnessed and in other locations glacial lacustrine sands are evident. The property was logged in the late 1970’s and the bulk of the surface area is covered in younger pine growth mapped as “new plantation”. Higher ground and ridges are generally covered with birch and poplar. Slopes and areas in proximity to lakes are covered in mixed forest growth. Less than 5% of the property is covered with swampy ground.

The predominant rock type observed on the property is a very fine to fine grained, variably chloritized and calcium carbonitized, schistose, micaceous, finely bedded sediment, probably of greywacke origin. In some locations coarse particles/fragments up to 12 centimetres in length and 6 centimetres in width can be found elongated along the bedding/foliation direction with the thin host rock beds curving around the fragments. The fragments are similar in composition to the host thinly bedded unit and their origin is unknown. The bedding, and later regional compression to cause foliation, trend from 080° to 110°. Cross-fracturing occurs in places at approximately 070° and 130°. White, crystalline, discontinuous, pinch and swell quartz veining up to 50 centimetres occurs in a number of locations along the bedding (foliation). Some narrow, white, crystalline, discontinuous, quartz veinlets and stringers occur in the cross-fracturing. Trace pyrite can be found in the host rock in most locations.

In the southwest corner of the property, a similar, very fine to fine grained, chloritized, calcium carbonitized, schistose to slaty, micaceous, more thickly bedded sediment occurs in contact with the finely bedded sediments. The units break with a more slaty cleavage than the finely bedded sediments.

At approximately 700200 east and 5356900 north, the finely bedded sediments are in contact with a chloritized, very fine to fine grained, pillow, mafic volcanic. The pillows have been flattened, or compressed in a general east-west direction, and the author could not ascertain the "pillow top" direction.
The existence of pillowed volcanics in contact with the finely bedded sediments appears to demonstrate contemporaneous volcanism and sedimentation, suggesting that this area lies within the upper portion of the assemblage. In fact, this area has for years been mapped as predominantly mafic volcanics.

Just west of this location, on the south side of the Lochalsh road, a coarse grained rock composed of coarse, dark, chloritized grains and lighter quartz and feldspar forms an irregular contact with the finely bedded sediments, and appears to be gabbroic in nature. The rock exhibits no bedding or foliation and appears to be a later mafic intrusive.

At approximately 700600 east and 5358100 north, a felsic, coarse grained, foliated rock occurs on the side of a ridge. The rock features coarse grains of quartz in a fine grained quartz/feldspar matrix with plates of biotite curving around the coarser quartz grains along the general trend of the foliation/bedding. The rock appears to be a coarser grained sediment of a “migmatitic” nature.

MINERALIZATION

During the course of mapping on the property, the author encountered eight areas exhibiting white, crystalline, pinch and swell, quartz veins trending along the bedding direction with widths up to 50 centimetres. The quartz appears to be barren, with very fine trace pyrite observed in only one location (see sample list).

The surrounding host rock exhibits trace fine pyrite. Surficial rusty weathering was observed rarely in any of the outcrops on the property and no ankerite (iron carbonate) filled shear zones were observed. Ankeritic shear zones appear with regularity on many of the properties in the area located south of the current property, and there appears to be a general relationship between the shear zones and gold mineralization on those properties.

SAMPLING RESULTS

A total of eight samples of quartz veining were taken during the course of mapping the property. All samples were sent to Swastika laboratories of Swastika, Ontario to be assayed for gold.

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<td>- as above, up to 50 cm in width</td>
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<td>2715</td>
<td>- as above, up to 15 cm in width</td>
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<tr>
<td>2716</td>
<td>- as above, up to 20 cm in width, trace py</td>
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<tr>
<td>2717</td>
<td>- as above, 40 cm swell</td>
</tr>
<tr>
<td>2718</td>
<td>- as above, boudinaged to 6 cm in width</td>
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<tr>
<td>2719</td>
<td>- as above, to 12 cm in width</td>
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DISCUSSION and CONCLUSIONS

The Strike Minerals Inc claims 1243478 and 4217467 are located within the predominantly metasedimentary package of rocks located north of the predominantly metavolcanic package of rocks found within the regionally extensive Goudreau Lake Deformation Zone (GLDZ).

The deposition of gold appears to be structurally controlled and the GLDZ is host to numerous, systematically oriented, shear zones which are host to numerous gold occurrences and past producing gold mines. Locally, the Cline Mine (1938-1942) and the Edwards mine (late 1930’s and 1996-2001) have produced over 200,000 ounces of gold.

Historically, gold occurrences are rare in areas located outside of the 30 kilometre long, 4 kilometre wide GLDZ. On the current Strike Minerals property, the existence of ankeritized/silicified/calcium-carbonate shear zones was not observed. The existence of sulphides in amounts greater than trace was also not observed. Felsic intrusive rocks commonly associated with areas of gold occurrences in the GLDZ were not noticed on the property.

The author feels that the potential for economic gold mineralization on the property is very limited.
RECOMMENDATIONS

The author recommends that no further work be completed on Strike Minerals claims 1243478 and 4217467.

The potential for the rocks to host economic gold mineralization is very limited. Though outcropping was limited, the author did not notice any alteration characteristic of areas within the GLDZ that are host to gold mineralization.

The author feels that Strike Minerals holds other properties within the GLDZ that offer greater promise for success, and any efforts for exploration should concentrate on those areas.
QUALIFICATIONS

I, Bruce Edgar, resident at 5782 Highland Avenue, Niagara Falls, Ontario hereby certify that:

1) I am a graduate of Brock University, St. Catharines, Ontario, with an Honours Bachelor of Science Degree in Geology in 1981.

2) I have practiced this profession for 29 years, developing and supervising many surface and underground exploration programs.

3) I have visited the property to perform geological mapping and sampling from May 21 through May 26, 2009.

4) I have received no compensation for this report other than normal consulting fees.

Bruce Edgar (HBSc) 
Consulting Geologist 

June 6, 2009
REFERENCES

Bevan, P. A.  

Bruce, E. L.  

Calhoun, R. F.  

Calhoun, R. F.  
Hemlo Gold Mines Inc., Cline Lake Property, Jacobson Township, S. S. M. Mining Division, January 14, 1992

Calhoun, R. F.  

Edgar, B. A. + Yungwirth, F. P.  
Summary Report on the Geology, Mineralization and Diamond Drill Results of the Edwards Mine Property, Jacobson Township, Ontario Canada, April, 2005

Edgar, B. A.  
Preliminary Study of Significant Intersections and Potential Gold Zones on the Cline Lake Property, Jacobson Township, Ontario, December, 2006

Heather, K. B. + Arias, Z. G.  

Heather, K. B. + Arias, Z. G.  

Sage, R. P.  

Walker, E. C.  
APPENDIX I

Reconnaissance Geology Map

Claim 1243478 and 4217467
Appendix II

Assay Certificate
(Swastika Laboratories)
Swastika Laboratories Ltd
Assaying - Consulting - Representation

**Assay Certificate**

*Company: STRIKE MINERALS*
*Project: BRUCE EDGAR*

We hereby certify the following Assay of 32 SPLIT CORE & ROCK samples submitted JUN-01-09 by .

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Certified by [Signature]

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300
**Assay Certificate**

**Company:** STRIKE MINERALS  
**Project:**  
**Attn:** BRUCE EDGAR  

We hereby certify the following Assay of 32 SPLIT CORE & ROCK samples submitted JUN-01-09 by.

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Certified by [Signature]

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