Baden Project<br>Baden Township<br>Matachewan Ontario

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## Introduction

Mr. Pat Rosko's continued exploration in northwestern limit of Baden Township and northeastern limit of Argyle township investigates the mineralization trending similarly to that previously discovered as "Baden Gold Mines" northeast of Belt Lake. The claims numbered L- 1238846, L-1225806, L- 1238992, L- 1238991, L- 1242048, L-1226057, L- 1242733 and L- 1241851 form a continuous block which covers much of the former Baden Gold Mines Ltd property, including a small pit, a shaft and an extensive array of exploratory trench work. The scope of this project was to explore the mineralization in the southwestern region of Mr. Rosko's claim block.

## Property Location \& Access

The eight claims involved in this project are located west of Matachewan Lake (Head of the Lake) in the northwest quadrant of Baden Township, and in the northeast quadrant of Argyle Township. Vegetation is varied and ground condition varies from swamp to eskers. A portion of the property has been harvested by logging operations. A drivable seasonal gravel road north from highway 566 west of Matachewan facilitates entry to the claims. The northwestern claims of the group that border Matachewan Lake may also be accessed via boat on Matachewan Lake.

## Previous Work

The subject claims have been explored by a variety of prospectors and companies in the last century. Of particular interest towards the scope of this project is the work reported by Rickaby (1932) and Dyer (1935; Baden Gold Mines). A quartz vein discovered east of Belt lake was described as 'the most important' by Dyer in 1935.

With a shaft and pit excavated on this vein (which is situated in claim L-1226057, see Fig 1: below), Dyer reports its character as the following:
"...for a length of 800 feet in an east-northeast direction; it dips steeply to the north. The quartz ranges in width on surface from 1 to 14 inches, with the greatest width to the west end..."

Furthermore, Dyer states that holes completed in the west end indicated at vertical depth of 100 feet quartz vein widths of about two feet carrying 0.04 to 0.65 ounces gold per ton. "He also saw a 'considerable' amount of fine native gold in the vein at the west end."

Rickaby's observations also contribute to the concentration of gold along this same vein, notably at the west end.

The success of historic exploration for gold on the west end of the east northeast striking vein east of Belt lake prompted exploration to the west southwest direction for any extension of that mineralization.


Note: Sketching to approximate dimensions only-For Orientation Purposes Only!

## Summary of Work

The majority of the work on this project focused on the stripping of overburden material in the southwest end of Mr. Rosko's claim block. The area of interest was overlain with five to thirty-five feet of overburden. Stripping of this overburden required the use of a large excavator and pumping equipment to expose an area of the bedrock for geological mapping. Previously hand-dug trenches were found in the area, but the extent of overburden coverage dictated the need for a more mechanized approach.

A 330 Caterpillar excavator was used to dig a large excavation exposing bedrock across a 50 m by 40 m area. Pumping and washing of the excavation enabled observation and sampling of the units illustrated in the accompanying map, "Baden TWP Sampling \& Stripping Program."

Hosted in a largely red porphyritic country rock, three prominent features were recognized.

1. A $\mathbf{1}$-meter wide vein of cherty siliceous composition, striking $\mathbf{8 0}$ degrees azimuth, dipping 30 degrees north. $\sim 2 \%$ pyrite visible on fresh-cut surface, exposed surfaces covered in rusty gossans.

Assays of this Sample \# B01/00,
Assayed as sample \# 55408
Returned values of $0.64 \mathrm{~g} / \mathrm{t}$
2. A $\mathbf{1 0 0} \mathbf{m m}$ wide vein of quartz with pyrite, striking $\mathbf{8 0}$ degrees azimuth alongside the cherty vein ( $\mathrm{dip}=30$ degrees north). Molybdenite is visible as fine bluish-black veins winding through quartz.

Assays of this Sample \# B02/00
Assayed as sample \# 55410, named 'no.tag' on assay certificate;
Returned Values of $1.03 \mathrm{~g} / \mathrm{t}$
3. A 200 mm wide vein of quartz with abundant molybdenite throughout, striking 160 degrees azimuth, dipping 25 degrees northeast.

Assays of this sample \# B-03/00
Assayed as sample \# 55409
Returned Values of $0.36 \mathrm{~g} / \mathrm{t}$



GAVEN:IWM PAMPLINGS SIRIPPIMG! PROGKAM! (Pat ( RoSk' da!m's!)


## Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Assay Certificate

Company: ROSKO MINING

1W-1294-RA1
Date: JUN-15-01

Project:
Attn:
We hereby certify the following Assay of 10 Rock samples submitted JUN-11-01 by .


One assay ton used for gold.


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

| Cost Description | Usage | Rate | Cost |
| :--- | :---: | ---: | ---: |
| 330 Caterpillar Excavator | 60 hrs | 95 hr | 5700 |
| Equipment Float | 400 km | 0.45 km | 180 |
| Honda Pump | 4 days | 150 lday | 600 |
| Man Power | 380 man hours | 15 hr | 5700 |
| Travel | 3200 km | 1120 |  |
| Assays | 4 gold assays | 12.35 km | 49.24 |

total 13349.24


## Work Report Summary



Status of claim is based on information currently on record.

Ministry of
Northern Development
and Mines

Date: 2001-DEC-12

Ministère du
Développement du Nord et des Mines

GEOSCIENCE ASSESSMENT OFFICE 933 RAMSEY LAKE ROAD, 6th FLOOR SUDBURY, ONTARIO P3E 6B5

PATRICK ARTHUR ROSKO
Tel: (888) 415-9845
158 BURNSIDE DRIVE
KIRKLAND LAKE, ONTARIO
P2N 1M7 CANADA

Fax:(877) 670-1555

Submission Number: 2.21633
Transaction Number(s): W0180.30333

Dear Sir or Madam

## Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

The 45 days outlined in the Notice dated October 25, 2001 have passed. Assessment work credit has been approved as outlined on the attached Work Report Summary. The assessment credit is being reduced by $\$ 4,016.00$. The TOTAL VALUE of assessment credit that will be allowed, based on the information provided in this submission, is $\$ 9,333.00$.

A total of $\$ 2,157.00$ of assessment credit is available for assignment from claim L1241851.
If you have any question regarding this correspondence, please contact BRUCE GATES by email at bruce.gates@ndm.gov.on.ca or by phone at (705) 670-5856.

Yours Sincerely,


## Roy Spooner <br> Acting Supervisor, Geoscience Assessment Office

Cc: Resident Geologist
Thomas A. O'Connor
(Agent)
Patrick Arthur Rosko
(Assessment Office)

Assessment File Library
Patrick Arthur Rosko
(Claim Holder)


