MINNOVA INC.
YELLOW SAND PROSPECTING SYNDICATE PROPERTY
MILLIGAN McCOOL AND MUNRO TOWNSHIPS, ONTARIO

GOLD CONTENT OF THE MUNRO ESKER:
DEBUNKING THE PLACER GOLD MYSTIQUE

2.13540
W9008.302

BY
S.A. AVERILL
OVERBURDEN DRILLING MANAGEMENT LIMITED
JUNE 21, 1989
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1. Introduction

On May 26, 1989, D. Bernard of Minnova Inc. ("Minnova") asked Overburden Drilling Management Limited ("ODM") to prepare heavy mineral concentrates from six bulk sand samples and to establish the visible gold content of each concentrate. Minnova obtained the samples from a property that has been submitted to Minnova for option by the Yellow Sand Prospecting Syndicate (the "Syndicate"). The property is located on the Munro Esker in Milligan, McCool and Munro Townships, northeastern Ontario (Figs. 1, 2, 3).

The Munro Esker is a major sand and gravel ridge that was deposited by a northward-migrating melt water river during withdrawal of the Laurentide Ice Sheet in Late Wisconsinan time. The esker extends 300 km from the Englehart area in the south to the James Bay Lowland in the north (Fig. 1; Sado and Carswell, 1987). Its southern end is about 10,000 years old and its northern end is about 8,200 years old (Prest, 1976).

The Syndicate property is located midway along the esker in an area that has a mystique for placer gold. This mystique dates to 1951, when Reoplata Mines Limited attempted to establish a commercial placer operation at Fade Lake, 6 km south of the Syndicate property (Figs. 2 and 3; Ferguson and Freeman, 1978). The mystique heightened in 1965 when Kennco Explorations (Canada) Limited discovered several large gold-quartz boulders on the esker at East Ford Lake, 6 km north of the Syndicate property, although the
boulders occur in a patch of till rather than directly on the esker (U. Vagners; personal communication, 1983). Kennco subsequently performed a gold grain survey along 13 km of the esker, using sluice box concentrates, and put down five follow-up diamond drill holes near East Ford Lake (Ferguson and Freeman, 1978). They used 12 litre samples and reported gold concentrations averaging one to three grains per sample and ranging up to twenty-four grains. Using the Reoplata and Kennco results as evidence of significant placer potential, several individuals and small companies have since attempted to establish placer reserves at various locations along the esker. At least four major mining companies have attempted to trace the mineralized boulders northward to their bedrock source using overburden heavy mineral geochemistry from reverse circulation drill holes. The common element in all of these surveys is that they have failed.

ODM has participated to varying degrees in the Munro Esker surveys of the four major companies -- Noranda, Placer-Dome, Esso and Utah Mines -- and has drill tested many other eskers across Canada. Through this work, ODM has been able to reconstruct the depositional history of the Munro Esker and has identified important restrictions on gold potential in esker environments. The objective of the present study was to establish the gold content of the esker on the Syndicate property and to interpret the results using our past experience in the area.
2. Procedures

ODM's processing procedures for the Syndicate samples are shown schematically in Figure 4. First, a 1 kg character subsample was extracted from each sample for future study as required. Then a 250 to 350 gram subsample was extracted for sieve analysis. Finally, a heavy mineral concentrate was prepared from the remaining portion of the bulk sample using shaking table preconcentration followed by heavy liquid refining. Prior to the heavy liquid separation, each table concentrate was panned to temporarily isolate any gold grains that had not been observed on the table.

3. Results

The sieve fraction weights, concentrate fraction weights, gold grain totals and gold grain sizes are listed in Tables 1 to 4, respectively.

The sieve analyses (Table 1, Fig. 5) show that Sample 890516-1 is a medium sand and the other five samples are fine to very fine sands. The samples yielded from one to ten gold grains. Most of these grains are of fine sand (125 to 250 microns), very fine sand (63 to 125 microns) or silt (less than 63 microns) sizes. This trend is due to the natural tendency of gold to crystallize at very fine sizes in bedrock and to remain at this size (due to its malleability) during glacial transport (Averill, 1988). The only
gold grain of medium sand size occurs in the medium sand sample -- No. 890516-1. This indicates that the gold grains as well as the sand were sorted during deposition. All but one of the gold grains are abraded (Tables 3, 4), indicating long transport (Fig. 6). The maximum value of the observed gold, calculated on the basis of the number of gold grains, their size, and the weights of the host concentrates (typically 25 to 50 grams; Tables 3, 4), is 837 ppb. This translates into a maximum of 2 ppb in the raw samples (typically 8 to 10 kg; Table 2). Thus the observed gold grains represent normal background, not placer concentrations. The relatively small size of the heavy mineral fractions indicates that common heavy minerals such as magnetite also have not been concentrated by placer activity.

The volume of sample processed was about 5 litres compared to 12 litres in the Kennco survey. If the samples had been of Kennco size, the gold grain counts would range from three to twenty-five compared to the one to three grain levels reported by Kennco. The higher counts for the Syndicate samples are probably due to the fact that a better rate of fine gold recovery can be obtained with a shaking table in the laboratory than with a sluice box in the field. They do not suggest a greater natural abundance of gold on the Syndicate property.
4. Depositional History of the Munro Esker

The segment of the Munro Esker on which the Syndicate property is located was deposited by an enormous melt water river that flowed into glacial Lake Ojibway on the Hudson Bay slope of the continental drainage divide. Two components of the esker are discernible on stereo air photos (Figs. 2 and 3): 1) a central ridge; and 2) flanking terraces that slope to the clay plain formed by the lake bed. The central ridge was deposited in the main river channel as the river flowed through the glacier. It consists of high-energy gravel. The terraces were deposited as a delta at the ice front, and consist of low energy sand. Most of the delta was deposited beneath the lake, allowing the sand to spread several kilometres to either side of the central ridge. However, the lake reached a maximum elevation of only 350 metres (Vincent and Hardy, 1979; 1150 feet on the Imperial-system topographic map of Figure 2) whereas the esker commonly rises to 375 metres (1225 feet). Thus the higher parts of the esker formed islands in the lake. One long island extended northward through Fade Lake and the western part of the Syndicate property. The East Ford Lake area, however, was completely submerged.

As the ice barrier that formed the northern shore of Lake Ojibway melted progressively northward, the lake was able to expand in that direction. However, the lake water spilled southward over the
continental divide and down the Ottawa Valley. The spillway was located near the Ontario-Quebec border. It was subject to rapid downcutting, and this caused the lake level to drop over a period of 1200 years from its high of 350 m to about 300 m (Veillette et al., 1989). The lower water plane, strictly by chance, roughly coincided with the level of the clay plain at the foot of the Munro Esker (1000 feet on Fig. 2), creating a broad littoral zone. A continuous series of regressive beach strandlines is present on both flanks of the esker between the two water planes, and several spits recording southeastward offshore drift from former beach headlands along the littoral zone are present on the east side of the esker (Figs. 2 and 3). Kettle holes are more abundant above than below the high water plane, indicating that many of the ice blocks that were buried in the esker as the ice retreated had melted before the lake level fell. However, the main present-day lake on the Syndicate property and the Ford Lakes to the north fill kettles that post-date beach formation. A flat, wave-washed terrace that formed at the lower water plane of Lake Ojibway surrounds the Ford Lakes; thus it is doubtful that till is preserved around the gold-quartz boulders as suggested by Vagners. About 8000 years ago -- shortly after the beaches formed -- Lake Ojibway breached its northern ice barrier and drained catastrophically into eastern James Bay. The naked esker was then subject to severe wind erosion, and numerous longitudinal and U-shaped dunes were deposited on the clay plain. These dunes are particularly common in a former lagoon on the downwind (east) side of the esker in central McCool Township.
5. Interpretation

Since the 300 km long Munro Esker was deposited in only 1800 years, the 3 km long segment on the Syndicate property was probably deposited in about 18 years. Kennco's drilling indicates that the esker is up to 100 m thick. Thus an enormous quantity of sand was deposited very rapidly, and there was no time for the sorting that is required to form gold placers. In fact, ODM has found that esker rivers generally caused gold dilution, not gold concentration. The development of true placers, such as the preglacial placers in the Yukon, requires millions of years of sorting accompanied by deep weathering of the bedrock surface. The small, low-grade placers that are found in some postglacial stream beds in Ontario were formed over an 8000 year period. This is 400 times longer than the period of esker sorting on the Syndicate property, but the postglacial stream placers are still subecononic.

Both the Syndicate samples and Kennco samples were collected from beached areas of the esker between the high and low water planes of glacial Lake Ojibway. The samples were obtained from depths of less than one metre, and it could be argued that the observed gold grains are evidence of beach placer formation (Reoplata's "placer" operations were confined to a kettle hole having its rim above the high water plane, and therefore involved sands that are strictly of esker provenance). However, with the lake level dropping 50 m in just 1200 years, the opportunity for placer concentration of gold in the beaches was minimal. In fact, the gold concentrations for
the Syndicate and Kennco samples are only about half the regional background levels observed by ODM for the Matheson Till horizon that formed coevally with the esker (Averill, 1988).

6. Conclusions and Recommendations

The gold grain concentration in the Syndicate samples ranges from one to ten grains per sample. This represents normal background for the Munro Esker and is lower than the regional background for the corresponding till horizon. The glacial river that deposited the esker did not concentrate gold or other heavy minerals, and no significant concentration occurred during subsequent beaching of the esker by glacial Lake Ojibway. The gold grains in the esker are not related to the gold-quartz boulder in the till on the esker at East Ford Lake.

The mystique of the Munro Esker for placer gold has no foundation in fact. The only connection between the esker gold and true placer gold is that both occur in river sediments. However, rather than concentrating gold, the glacial rivers that deposited eskers caused gold dilution. Therefore Minnova should not option the Syndicate property and should not explore any other eskers in Canada for placer gold.

S. Averill
Figure 1 - Property Location
Figure 4 - Sample Processing Flow Sheet
Figure 5 - Particle Size Distributions for the Syndicate Samples
Gold Grain Morphology

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Distance of Transport (metres)

0 → 100 → 1000

Figure 6 - Effects of Glacial Transport on Gold Particle Size and Shape
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Table 4 - Gold Gain Sizes and Morphologies
LOCATION M

CLAIM NUMBER: 799812

Sample # Au %

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3  0.6
4  0.6
5  0.6
6  0.6
7  0.6
8  0.6

CLAIM HOLDER: Mr. William J. Ryan

ASSAY RESULTS FROM REPORT OF WORK #: W9008239

TOWNSHIP(S): M. Coak

CERTIFICATE OF ANALYSIS NU.: W1238

Scale: 1"=800'

Drawn by: E. Tekla

Date: January 40, 1991
**CERTIFICAT D'ANALYSE**

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Les résultats des échantillons ci-dessus sont certifiés par [Signature].

184, Principale, Ste-Germaine J0Z 1M0 Tél. et fax: (619) 787-6116
YELLOW SANDS PROSPECTING SYNDICATE
1846 ALBERT ROAD
WINDSOR, ONTARIO
NBW 3W9

PAY TO THE ORDER OF

Before Lab

One Hundred Fifty Dollars

YELLOW SANDS PROSPECTING SYNDICATE

P.O. Box 1239
CANADIAN IMPERIAL BANK OF COMMERCE
DEVONSHIRE SHOPPING CENTRE
WINDSOR, ONT.

PER: William Griffin

PER: John Blanche
CLAIM HOLDER: Mr. William J. Ryan

ASSAY RESULTS FROM REPORT OF WORK #: W.9008 2.92

TOWNSHIP(S): Milligah

CERTIFICATE OF ANALYSIS NO.: 0.371

Scale: 1" = 850'

Drawn by: F. Talberi

Date: January 20, 1971
CERTIFICAT D'ANALYSE

NAME: Yellow Sand syndicate  
3597 Bloomfield rd  
Windsor, Ontario  
Att: W. J. Bill Ryan

DATE: 20/10/85
PROJECT: 0371

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<td>1.65</td>
</tr>
<tr>
<td>Sand 418</td>
<td>0.08</td>
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Les résultats des échantillons ci-dessus sont certifiés
par Stéfaire Prémont 83-019

184 Principale Ste-Germaine J0Z 1M0  
Tél. et fax: (819) 787-2116
<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOHN MAHONEY</td>
<td>1404 N. GOVERN ST. WINDSOR, ONT. N8X 3L3</td>
</tr>
<tr>
<td>L. CLARKSON</td>
<td>591 BRUCE AVE. WINDSOR, ONT. N9A 4X3</td>
</tr>
<tr>
<td>WILLIAM RYAN</td>
<td>3597 BLOOMFIELD RD. WINDSOR, ONT. N9C 1R8</td>
</tr>
</tbody>
</table>
**CERTIFICAT D'ANALYSE**

**NAME:** Yellow Sand syndicate  
3597 Bloomfield rd  
Windsor, Ontario  
Att: W.J. Bill Ryan  

**DATE:** 20/10/89  
**PROJECT:** 0371

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<td>0.37</td>
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<td>Sand 414</td>
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<td>Sand 415</td>
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</tr>
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<td>Sand 419</td>
<td>0.08</td>
</tr>
</tbody>
</table>

Les résultats des échantillons ci-dessus sont certifiés par Stéfaire Prémont  
184 Principale Ste-Germaine J02 1M0  
Tél. et fax: (819) 787-2118
FIGURE 2.  Claim Location Map  
(exact location not certified)

TERRAQUEST LTD.
YELLOW Sands Prospecting Syndicate
1846 Albert Road
Windsor, Ontario
N8W 3W9

Pay to the
Order of

Lehmee-Dilatte Inc.
One hundred three dollars

Yellow Sands Prospecting Syndicate

For Assay Project 371

Canadian Imperial Bank of Commerce
Devonshire Shopping Centre
Windsor, Ont.

Per

William H. Beene

Per

Radoslaw Tuleyko

0192

05382 010 99 0519 0000010350
LOCATION MAP

CLAIM NUMBER: 736710

Samples 5' interval

CLAIM HOLDER: Mr. William J. Ryan

ASSAY RESULTS FROM REPORT OF WORK #: W.9008, 2.97

TOWNSHIP(S): Milligan

CERTIFICATE OF ANALYSIS NO.: A.89.2.6.98.1

Scale: 1" = 850'

Drawn by: F. Takacs

Date: January 29, 1991
CLAIM HOLDER: Mr. William J. Ryan ..........................

ASSAY RESULTS FROM REPORT OF WORK #: W.9.D.08..293.

TOWNSHIP(S): Milligan..........................

CERTIFICATE OF ANALYSIS NUM: A.89.2.628.1..............

Scale: 1"=25 ft' ...........................................

Drawn by: E. Takacs .........................

Date: January 20, 1991..............
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<th>Ba ppm</th>
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<th>Ca ppm</th>
<th>Cd ppm</th>
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<th>K ppm</th>
<th>La ppm</th>
<th>Mg ppm</th>
<th>Mn ppm</th>
<th>Mo ppm</th>
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<tbody>
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<td>&lt;0.5</td>
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<tr>
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<td>&lt;5</td>
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<td>&lt;0.5</td>
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<td>1.57</td>
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<td>40</td>
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<td>&lt;1</td>
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<td>218 238</td>
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<td>&lt;5</td>
<td>20</td>
<td>&lt;0.5</td>
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<td></td>
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<tr>
<td>L. CLARKSON</td>
<td>591 BRUCE AVE WINDSOR ONT. N9A 4X3</td>
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FIGURE 2. Claim Location Map
(exact location not certified)

TERRAQUEST LTD.
<table>
<thead>
<tr>
<th>SAMPLE DESCRIPTION</th>
<th>PREP CODE</th>
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<th>Ag ppm</th>
<th>As ppm</th>
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<tbody>
<tr>
<td>01</td>
<td>218 238</td>
<td>0.75</td>
<td>&lt; 0.2</td>
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<td>0.84</td>
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CLAIM NUMBER: 736704

CLAIM HOLDER: Mr. William J. Ryan

ASSAY RESULTS FROM REPORT OF WORK #: W1908 2.94

TOWNSHIP(S): Millipan

CERTIFICATE OF ANALYSIS NUM: 0.846

Scale: 1" = 264'

Drawn by: F. T. Trier, Jr.

Date: January 20, 1971
**CERTIFICAT D'ANALYSE**

**NOM:** Yellow Sand  
**Att:** Gaby Blanchette  
**DATE:** 22/08/89  
**PROJET:** 0246

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<tr>
<td>405B</td>
<td>0.48</td>
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<td>&lt; 0.06</td>
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<td>407B</td>
<td>&lt; 0.06</td>
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<tr>
<td>409A</td>
<td>&lt; 0.06</td>
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<td>301</td>
<td>&lt; 0.06</td>
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<td>302</td>
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Les résultats des échantillons ci-dessus sont certifiés par:

Stéfane Prémont  
83-019  
Québec

184 Principale Ste-Germaine J62 1M0  
Tél. et fax: (819) 787-2116
CERTIFICAT D'ANALYSE

NOM: Yellow Sand
Atti: Baby Blanchette

DATE: 22/08/89
PROJET: 0246

<table>
<thead>
<tr>
<th>Échantillon</th>
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<tbody>
<tr>
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<td>406B</td>
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<tr>
<td>407A</td>
<td>&lt; 0.06</td>
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<td>409A</td>
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<td>&lt; 0.06</td>
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<td>302</td>
<td>&lt; 0.06</td>
</tr>
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</table>

Les résultats des échantillons ci-dessus sont certifiés par Stéphane Prémont.

184 Principale Ste-Germaine J02 1M0
Tél. et fax: (819) 787-2116
PAY TO THE ORDER OF

YELLOW SANDS PROSPECTING SYNDICATE
1848 ALBERT ROAD
WINDSOR, ONTARIO
N9W 1W9

Sept. 6, 1939

$126.50

One Hundred Twenty Six Dollars 50 Cents

FOR

Rosco work, 03/16

Canadian Imperial Bank of Commerce
Devonshire Shopping Centre
Windsor, Ont.

PER

William Ryan

PER

Lester Aulbach

1:05 38 PM 10:19 99 00 519 00000 12650
LOCATION MAP

CLAIM NUMBER: 736479

CLAIM HOLDER: Mr. William J. Ryan

ASSAY RESULTS FROM REPORT OF WORK #: W-9.009-2915

TOWNSHIP(S): Milligan

CERTIFICATE OF ANALYSIS NUM: 0.003

Scale: 1" = 200'

Drawn by: F. Baker

Date: January 20, 1921
CERTIFICAT D'ANALYSE

NOM: Yellowsand Syndicate
Att: Bill Ryan

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<td>402A</td>
<td>2.78</td>
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Les résultats des échantillons ci-dessus sont certifiés par:

Stéphane Frémont, Chimiste
**CERTIFICAT D'ANALYSE**

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<th>Echantillon #</th>
<th>Au g/t</th>
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<tr>
<td>401A</td>
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Les résultats des échantillons ci-dessus sont certifiés par:

Stéphane Frémont, Chimiste
YELLOW SANDS PROSPECTING SYNDICATE
1846 ALBERT ROAD
WINDSOR, ONTARIO
N9A 3W9

PAY TO
ORDER OF
Satchiro Kabi
EIGHTY SEVEN DOLLARS

YELLOW SANDS PROSPECTING SYNDICATE

CANADIAN IMPERIAL BANK OF COMMERCE
DEVONSHIRE SHOPPING CENTRE
WINDSOR, ONT.

July 21, 1989

903

1:05:38.2 01:10:99 00519

000008740
CLAIM HOLDER: Mr. William J. Ryan

ASSAY RESULTS FROM REPORT OF WORK #: W.9008. 8.96%

TOWNSHIP(S): M.I.I, 99A

CERTIFICATE OF ANALYSIS NO.: 0133

Scale: 1" = 64'

Drawn by: F. T. Turner

Date: January 90, 1971
CLAIM HOLDER: Mr. William J. Ryan

ASSAY RESULTS FROM REPORT OF WORK #: W90082976

TOWNSHIP(S): W11

CERTIFICATE OF ANALYSIS N": 0133

Scale: 1" = 264'

Drawn by: F. Ternes

Date: January 20, 1971
## CERTIFICAT D'ANALYSE

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<th>Echantillon #</th>
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<td>0,049</td>
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Les résultats des échantillons ci-dessus sont certifiés par:

Stéfanie Frémont, Chimiste
YELLOW Sands PROSPECTING SYNDICATE
1846 ALBERT ROAD
WINDSOR, ONTARIO
N8W 3W9

PAY TO THE ORDER OF
Cheque Laboratories Ltd.

FOR
$79.99
Twenty Nine Dollars

PER
William Ryan
Leslie A. T. Ryan

Canadian Imperial Bank of Commerce
Devonshire Shopping Centre
Windsor, Ont.
YELLOW SANDS PROSPECTING SYNDICATE
1846 ALBERT ROAD
WINDSOR, ONTARIO
N9W 3V9

PAY TO THE ORDER OF

Pechnin, Lab.

Ninety Two Dollars

YELLOW SANDS PROSPECTING SYNDICATE

FOR

Assay # 0013

Canadian Imperial Bank of Commerce
Devonshire Shopping Centre
Windsor, Ont.

Per

William Logan

Per

Linda Lundy

June 16, 1989

$92.00

0538 2010 99 005194
CLAIM NUMBER: 7729285

CLAIM HOLDER: Mr. William J. Ryan

ASSAY RESULTS FROM REPORT OF WORK #: W 9009.23.7

TOWNSHIP(S): Milligah

CERTIFICATE OF ANALYSIS NO.: 0091

Scale: 1" = 850'

Drawn by: F. Tiberio

Date: January 20, 1994
CLAIM HOLDER:  Mr. William J. Ryan  

ASSAY RESULTS FROM REPORT OF WORK*: W 9008: 2.97

TOWNSHIP(S): Millig.  

CERTIFICATE OF ANALYSIS NO.: 0091

Scale: 1"=264'  

Drawn by: E. Takanishi  

Date: January 80. 1991
**CERTIFICAT D'ANALYSE**

<table>
<thead>
<tr>
<th>Echantillon #</th>
<th>Au g/t</th>
<th>Au oz/t</th>
</tr>
</thead>
<tbody>
<tr>
<td>L-76N-4W</td>
<td>0.08</td>
<td>0.002</td>
</tr>
<tr>
<td>L-56N-6W</td>
<td>2.21</td>
<td>0.065</td>
</tr>
<tr>
<td>N-L-56-8W</td>
<td>2.49</td>
<td>0.073</td>
</tr>
<tr>
<td>L-N-56-6W</td>
<td>2.47</td>
<td>0.072</td>
</tr>
<tr>
<td>L-76N-8L</td>
<td>1.17</td>
<td>0.034</td>
</tr>
<tr>
<td>L-56N-8w</td>
<td>1.76</td>
<td>0.051</td>
</tr>
<tr>
<td>N-L-76-6W</td>
<td>1.21</td>
<td>0.035</td>
</tr>
</tbody>
</table>

Les résultats des échantillons ci-dessus sont certifiés par:

[Signature]

Stéphane Frémont, Chimiste
# Certificat d'Analyse

<table>
<thead>
<tr>
<th>Echantillon #</th>
<th>Au g/t</th>
<th>Au oz/t</th>
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<tbody>
<tr>
<td>L-76N-4W</td>
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<td>0,002</td>
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<tr>
<td>L-56N-6W</td>
<td>2,21</td>
<td>0,065</td>
</tr>
<tr>
<td>N-L-56-8W</td>
<td>2,49</td>
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</tr>
<tr>
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<td>0,072</td>
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<tr>
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<tr>
<td>L-56N-8W</td>
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</tr>
<tr>
<td>N-L-76-6W</td>
<td>1,21</td>
<td>0,035</td>
</tr>
</tbody>
</table>

Les résultats des échantillons ci-dessus sont certifiés par:

Stéfanne Frémon, Chimiste
<table>
<thead>
<tr>
<th>SCHEDULE</th>
<th>NAME</th>
<th>ADDRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GABRIEL BLANCHEME</td>
<td>8513 ST. APHONSE ST.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TECUMSEH, ONT. N8N 2W6</td>
</tr>
<tr>
<td></td>
<td>JOHN MAHONEY</td>
<td>1404 GOYER ST.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>WINNipeg, MB. R3X B3B</td>
</tr>
<tr>
<td></td>
<td>WILLIAM J. RYAN</td>
<td>3597 BLOOMFIELD RD.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>WINNSOR, ONT, N9C 1R8</td>
</tr>
</tbody>
</table>
YELLOW SANDS PROSPECTING SYNDICATE
1846 ALBERT ROAD
WINDSOR, ONTARIO
May 16, 1989

PAY TO THE ORDER OF:

[Signature: Tecumseh Lee]

One Hundred Fifty Dollars

FOR:

[Signature: William Harper]

CANADIAN IMPERIAL BANK OF COMMERCE
DEVONSHIRE SHOPPING CENTRE
WINDSOR, ONTARIO

[Signature: Julie Henderson]
CLAIM HOLDER: Mr. William J. Ryan

ASSAY RESULTS FROM REPORT OF WORK: W 9008.29%

TOWNSHIP(S): Milligan

CERTIFICATE OF ANALYSIS NO.: 0055

Scale: 1"=834'

Drawn by: F. Teresi

Date: January 29, 1971
LOCATION MAP 2/2

CLAIM NUMBER: 772926

CLAIM HOLDER: Mr. William J. Ryan

ASSAY RESULTS FROM REPORT OF WORK #: W.9008.298

TOWNSHIP(S): M1111

CERTIFICATE OF ANALYSIS NR.: 0.055

Scale: 1" = 1000'

Drawn by: E. Toveska

Date: January 20, 1991
CLAIM NUMBER: 772925

CLAIM HOLDER: Mr. William J. Ryan

ASSAY RESULTS FROM REPORT OF WORK: W. 900.8, Z.9.8

TOWNSHIP(S): Mill 9.9

CERTIFICATE OF ANALYSIS NUMBER: Q25.5

Scale: 1" = 264'

Drawn by: F. Takacs

Date: January 30, 1971
CERTIFICAT D'ANALYSE

NOM: Yellow Sand Syndicate  
Att: Gaby Blanchette

Date: 22/03/89  
Projet: 0055

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<tr>
<th>Echantillon</th>
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<tbody>
<tr>
<td>L36-W9</td>
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<tr>
<td>L76-4E Raw Sand</td>
<td>1,43</td>
</tr>
<tr>
<td>L76-4E</td>
<td>2,18</td>
</tr>
<tr>
<td>76-N-9W</td>
<td>0,11</td>
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<td>L76-N-4E</td>
<td>0,37</td>
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<tr>
<td>L72-N-4E</td>
<td>0,31</td>
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</table>

Les résultats des échantillons ci-dessus sont certifiés par:  

Stéfane Frémont, chimiste
<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gabriel Blanchette</td>
<td>9513 St. Aiphonse St.</td>
</tr>
<tr>
<td></td>
<td>Tecumseh, Ont., N8N 9W6</td>
</tr>
<tr>
<td>William J. Ryan</td>
<td>3597 Bloomfield Rd.</td>
</tr>
<tr>
<td></td>
<td>Windsor, Ont., N9C 1R8</td>
</tr>
<tr>
<td>John Ma Honev</td>
<td>1404 Guyeau St.</td>
</tr>
<tr>
<td></td>
<td>Windsor, Ont., N8Z 3L3</td>
</tr>
</tbody>
</table>
NOM: Yellow Sand Syndicate  
Att: Gaby Blanchette  

Date: 22/03/89  
Project: 0055

<table>
<thead>
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<td>0,37</td>
</tr>
<tr>
<td>L72-N-4E</td>
<td>0,31</td>
</tr>
</tbody>
</table>

Les résultats des échantillons ci-dessus sont certifiés par: 
Stéfanie Frémond, chimiste
YELLOW SANDS PROSPECTING SYNDICATE
1846 ALBERT ROAD
WINDSOR, ONTARIO
N9W 3W9

PAY TO THE ORDER OF: Tarchi Paper, Abitibi Inc.

EIGHTY DOLLARS

FOR First 8000. 000 Elays

CANADIAN IMPERIAL BANK OF COMMERCE
DEYONSHIRE SHOPPING CENTRE
WINDSOR, ONT.

PER William Johnson

PER

0176

April 11, 1989

Custom Cheques of Canada / A

00538201010000519

0000008050
LOCATION MAP

CLAIM NUMBER: 772926

SAMPLES @ 3' INTERVALS

CLAIM HOLDER: Mr. William J. Ryan

ASSAY RESULTS FROM REPORT OF WORK #: W...9008.399

TOWNSHIP(S): M...11...99...A

CERTIFICATE OF ANALYSIS NUM.: 000...684

Scale: 1" = 1/4'

Drawn by: E. Telles

Date: January 20, 1991
### CERTIFICAT D’ANALYSE ET/OU D’ESSAI

Yellow Sand Syndicat  
2513, St-Alphonse  
TECUMSEH (Ontario)  
N8N 2X3

**PROJET** : 000624

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<tr>
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<td>.004</td>
</tr>
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<td>.055</td>
</tr>
<tr>
<td>L-76-3</td>
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<td>.013</td>
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<tr>
<td>L-78-1</td>
<td>1.39</td>
<td>.041</td>
</tr>
<tr>
<td>L-78-2</td>
<td>5.16</td>
<td>.151</td>
</tr>
<tr>
<td>L-78-3</td>
<td>3.53</td>
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<tr>
<td>L-78-5</td>
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<td>REANALYSE</td>
</tr>
<tr>
<td>L-78-6</td>
<td>.20</td>
<td>.006</td>
</tr>
</tbody>
</table>

Je, Soussigne, Chef Analyste, certifie que les resultats ci-dessus sont les resultats des essais effectues sur les echantillons ci-dessus identifies.

La Sarre, le 19 Aout 1988

Stefane Premont, Chimiste.
<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gabriel Blanchette</td>
<td>8513 St. A/Phoense St.</td>
</tr>
<tr>
<td></td>
<td>Tecumseh, Ont. NB N8N 8W6</td>
</tr>
<tr>
<td>William J. Ryan</td>
<td>3597 Bloomfield Rd.</td>
</tr>
<tr>
<td></td>
<td>Windsor, Ont. NSK 1K8</td>
</tr>
<tr>
<td>J. Blanchette</td>
<td>RR#2 at Rose Depolarizes Gite 70d3EO</td>
</tr>
</tbody>
</table>
CERTIFICAT D'ANALYSE ET/OU D'ESSAI

Yellow Sand Syndicat
2513, St-Alphonse
TECUMSEH (Ontario)
N8N 2X3

PROJET : 000624

Page 1

<table>
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<td>.006</td>
</tr>
</tbody>
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La Sarre, le 19 Aout 1988

Stefane Premont, Chimiste.
FIGURE 2. CLAIM LOCATION (exact location not certified)
YELLOW SANDS PROSPECTING SYNDICATE
1646 ALBERT ROAD
WINDSOR, ONTARIO
NBW 3W9

PAY TO THE ORDER OF

Two Hundred and Fifty Dollars
4.00

YELLOW SANDS PROSPECTING SYNDICATE

CANADIAN IMPERIAL BANK OF COMMERCE
DEVONSHIRE SHOPPING CENTRE
WINDSOR, ONT.

PER

William J. Ross

0168

29/11/1955

8267

05382011990000519

000026718
CLAIM HOLDER: Mr. William J. Ryan

ASSAY RESULTS FROM REPORT OF WORK #: W.9008.700

TOWNSHIP(S): Milligan

CERTIFICATE OF ANALYSIS NO.: 056.2

Scale: 1" = 2,640'... 

Drawn by: F. Turner 

Date: January 20, 1976
CERTIFICAT D'ANALYSE ET/OU D'ESSAI

Yellow Sand Syndicat
2513 St-Alphonse
Tecumseh, Ontario
N8N 2X3

PROJET : 000562
Attention : Gaby Blanchete

Echantillon | g/t |
------------|-----|
            | Au  |
L 75        | .614|
L 76        | 1.16|
L 77        | 2.81|
L 78        | 40.36|

Je, Soussigné, Chef Analyste, certifie que les résultats ci-dessus sont les résultats des essais effectués sur les échantillons ci-dessus identifiés.

La Sarre 27 juillet 1988

Stéfane Prémont, Chimiste
**Schedule**

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gabriel Blanchette</td>
<td>8513 St. Alphonse St. Tecumseh, Ont. N8N 9W6</td>
</tr>
<tr>
<td>J. P. Blanchette</td>
<td>R.R. #2 8T Rose Depaularis, Box 103</td>
</tr>
<tr>
<td>William Ryan</td>
<td>3597 Bloomfield Rd. Windsor, Ont., N9C 1R8</td>
</tr>
<tr>
<td>John Mahoney</td>
<td>1404 Goyeau St. Windsor, Ont. N8X 3B3</td>
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*Note: receipts have been misplaced. the amount is estimated.*
<table>
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<tr>
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<th>g/t</th>
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</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>L 75</td>
<td>.614</td>
</tr>
<tr>
<td>L 76</td>
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<td>L 78</td>
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Je, Soussigné, Chef Analyste, certifie que les résultats ci-dessus sont les résultats des essais effectués sur les échantillons ci-dessus identifiés.

La Sarre 27 juillet 1988

Stéfane Prémont, Chimiste
<table>
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<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>May 24, 1989</td>
<td>Initial Preparation</td>
</tr>
<tr>
<td>July 17, 1989</td>
<td>Laboratory Results Preparation</td>
</tr>
<tr>
<td>July 31, 1989</td>
<td>Final Report</td>
</tr>
</tbody>
</table>

**Name:** MINNOVA INC.  
**Address:** P.O. Box 2000  
**Rouyn-Noranda, Quebec J9X 5B4**

**Name:** OVERBURDEN DRILLING MAN. LTD.  
**Address:** 107-15 Camilla Court  
**Nepean, Ontario K2E 7X1**
FIGURE 2. Claim Location Map
(exact location not certified)
TO: MINNOVA INC.
P.O. Box 2000
Rouyn-Noranda, Quebec
J9X 5B4

ATTENTION: Mr. D. Bernard

RE: Yellow Sands
Invoice #0689204

DATE: July 10, 1989

Consulting Services:
- Averill, S. ........................................... 880.00
- Huneault, R. ........................................ 196.00
- Graham, K. ......................................... 325.00
- Kaitola, L. .......................................... 96.00
- Paradis, D. .......................................... 132.00

Laboratory Services:
- 6 overburden samples @ $31.00 = 186.00
- 6 pannings (0-20 grains) @ $20.00 = 120.00
- 6 sieve fractions @ $4.00 = 24.00

Expenses: as per attached
- 45.91
- 22.69

INVOICE TOTAL

$2,027.60

Nancy Averill
General Manager

703-70-600-651
Le 27 juillet 1989

Monsieur Gabriel Blanchette
Yellow Sands Prospecting Syndicate
2513, rue St-Alphonse
Tecumseh, Ontario
N8N 2W6

Bonjour,

J'ai finalement reçu (17 juillet) la facture du consultant qui a effectué les travaux sur les échantillons que nous avions recueillis lors de notre visite. Cette facture a été payée et je te l'envoie accompagnée du rapport afin que vous puissiez l'utiliser comme travaux (si possible) pour renouveler vos claims.

Comme je te l'avais dit au téléphone, Minnova Inc. n'est pas intéressée pour l'instant à optionner votre propriété. Le rapport du consultant explique bien le type de dépôt que vous avez et il est très clair dans ses recommandations.

Espérant le tout à votre satisfaction nous vous souhaitons la meilleure des chances pour l'exploration de votre propriété et nous vous remercions d'avoir soumis celle-ci à notre attention. Il nous fera plaisir d'évaluer toute autre propriété que vous détenez ou encore celle que nous venons d'évaluer advenant de nouveaux résultats significatifs.

Bien à vous,

MINNOVA INC.
Division Exploration

Pierre Bertrand
Géologue Principal d'Exploration

PB/ss

p.j.
<table>
<thead>
<tr>
<th>Sample Code</th>
<th>Description</th>
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<tr>
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<td>Sample 1</td>
</tr>
<tr>
<td>L.772928</td>
<td>Sample 2</td>
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<td>L.772929</td>
<td>Sample 3</td>
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<tr>
<td>L.772930</td>
<td>Sample 4</td>
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- L.772926: A. way. 11.000 074
Sample 276-84 (W)

Claim "L 772925"
L·736709

L·736710

L·736708

L·736704

L·736703

L·736707
REPORT OF WORK

MILLER MINE NO. 2

ASSAY

Mining Act

(Expenditures, Subsection 77(19))

Name and Address of Author (of Submission)

K 7 AFF/CQ

Date When Work Performed

From: 1/6/90 To: 12/31/90

All the work was performed on Mining Claim(s):

Indicate no. of days performed on each claim.

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>Days</th>
<th>Expend. Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>799 712</td>
<td>16.6</td>
<td></td>
</tr>
<tr>
<td>799 712</td>
<td>5.6</td>
<td></td>
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</tbody>
</table>

Calculation of Expenditure Days Credits

<table>
<thead>
<tr>
<th>Total Expenditures</th>
<th>Total Days Credits</th>
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</thead>
<tbody>
<tr>
<td>$363.50</td>
<td>24.2</td>
</tr>
</tbody>
</table>

Total Number of Days Claimed

24.2

Total Number of Days to be Claimed at a Future Date

0

Certification of Beneficial Interest

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Date: 12/31/90

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying

FRANK TALERICO, 1830 OMIRA ST., WINSTON, ONT. NOC 1R8

Received Stamp

SEP 21 1990
Ministry of Northern Development and Mines

Report of Work
(Mining Act (Expenditures, Subsection 77(19)))

Type of Work Performed
ASSAYS

Recorded Holder
WILLIAM J. RYAN

Mining Division
LARDER LAKE

Township or Area
MILLIGAN

Prospector's Licence No.
A 45795

Address
3597 BLOOMFIELD RD., WINDSOR, ONT. N9C 1R8

Work Performed By
JOHN MANG INEY, L. CLARKSON, WILLIAM RYAN

Date When Work was Performed
From: 8/1/70
To: 8/1/70

Instruction
- Please type or print.
- (See Subsection 77(10) of Mining Act for maximum credits allowed under this Subsection.
- Technical Reports, maps and proof of expenditures in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

Name and Address of Author (of Submission)
FRANK TAILERICO, 1830 OMIRA ST, WINDSOR, ONT.

Number and Type of Work Performed

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>No. of Days</th>
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</thead>
<tbody>
<tr>
<td>736 498</td>
<td>15</td>
</tr>
</tbody>
</table>

Calculation of Expenditure Days Credits

Total Expenditures: $103.50

Total Days Credits: 6.9

Certification of Beneficial Interest
I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Agent (Signature)
WILLIAM J. RYAN

Certification Verifying Report of Work
I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying
FRANK TAILERICO, 1830 OMIRA ST, WINDSOR, ONT. N9C 1R8

For Office Use Only

Total Days Cr. Recorded
6.9

Date Recorded
Sep 18/70

Mineral Recorder

Date Approved as Recorded
Feb 21/71

Certified Manager, Mining Lands

Received Stamp
LARDER LAKE

MINING DIVISION
SEP 21 1990

TIME 8:22 AM
Report of Work

Expenditures, Subsection 77(19))

Type of Work Performed

<table>
<thead>
<tr>
<th>Recorded Holder</th>
<th>Mining Division</th>
<th>Township or Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>WILLIAM J. RYAN</td>
<td>LARDER LAKE</td>
<td>MILICAN</td>
</tr>
</tbody>
</table>

Address

3597 BLOOMFIELD RD., WINDSOR, ONT. N9C 1R8

Work Performed By

JOHN McNEIL / L. CLARKSON / WILLIAM RYAN

Name and Address of Author (of Submission)

FRANK TAKERSO, 1830 QMIR A ST., WINDSOR

All the work was performed on Mining Claim(s):

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>No. of Days</th>
<th>Mining Claim</th>
<th>No. of Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>L7677</td>
<td>10</td>
<td>L756711</td>
<td>18</td>
</tr>
</tbody>
</table>

Calculation of Expenditure Days Credits

Total Expenditures

$79.0 + 15 = 5.3

Certification of Beneficial Interest

I hereby certify that at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Date: Sept 18, 1990

Agent (Signature)

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying

FRANK TAKERSO, 1830 QMIR A ST., WINDSOR, ONT. N9C 1R8

For Office Use Only

Total Days Cr. Recorded: 53

Date Recorded: Sept 21, 1990

 certified by (Signature)

LARDER LAKE 
MINING DIVISION 
SEP 21 1990

Received Stamp

TIME 3:22 a.m.
Report of Work
(Expenditures, Subsection 77(19))

Type of Work Performed: ASSAY/S.

Mining Division: LAUNDER LAKE
Township or Area: MILLICAN/MCCOOL

Recorded Holder: WILLIAM J. RYAN
Prospector’s Licence No.: A 45795

Address: 35 77 BLOOMFIELD RD., WINDSOR, ONT. N9C-1R8
Telephone No.: 519) 252-1072

Work Performed By: JOHN MAHONEY
Name and Address of Author (of Submission): GABRIEL BLANCHFRED-2513 ST. ALPHONSE ST. TECUMSEH, ONT. N8N-3W6

All the work was performed on Mining Claim(s):

<table>
<thead>
<tr>
<th>Mining Claim No.</th>
<th>No. of Days</th>
<th>Mining Claim No.</th>
<th>No. of Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>7367/3</td>
<td>9.43</td>
<td>7367C/4</td>
<td>8.42</td>
</tr>
</tbody>
</table>

Instructions:
Total days credits may be distributed at claim holder’s choice. Enter number of days credits per claim in the expenditure days credit column (below).

Total Expenditures: $136.50 + 15 = 3.43

Calculation of Expenditure Days Credits

Certification of Beneficial Interest:
I hereby certify that, at the time the work was performed, the claims covered in this Report of Work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Certification Verifying Report of Work:
I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying: FRANK TALIERICO, 1830 OMIRA ST. WINDSOR, ONT. N9H-1R2
Telephone No.: 519) 252-1072

RECEIVED
OCT 29 1990
MINING LANDS SECTION

For Office Use Only

Received Stamp: 

MINING LANDS SECTION
SEP 21 1990
TIME 8:22AM.
Report of Work
(Mining Act, Expenditures, Subsection 77(19))

<table>
<thead>
<tr>
<th>Type of Work Performed</th>
<th>Mining Division</th>
<th>Township or Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASSAY</td>
<td>LANDER LAKE</td>
<td>MILLIGAN</td>
</tr>
</tbody>
</table>

Recorded Holder

WILLIAM J. RYAN

Prospector's Licence No. A 45795

Address

3597 BLOOMFIELD RD., WINDSOR, ON. N9E 1R8

Telephone No. 519-352-1072

Work Performed By

GABRIEL ALAIN CHENE, 8578 E. 1/2 PHEASE ST., RICARDO, ON. N9N 2W6

Date When Work was Performed:

37-01-05 37-01-06 37-01-07

Name and Address of Author (of Submission)

FRANK TALIKO, 1836 OMIRO ST., WINDSOR, ON. N9H-1R2

All the work was performed on Mining Claim(s):

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>No. of Days</th>
<th>Mining Claim</th>
<th>No. of Days</th>
<th>Mining Claim</th>
<th>No. of Days</th>
<th>Mining Claim</th>
<th>No. of Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>4736479</td>
<td>4.5</td>
<td>364785</td>
<td>1.33</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Instructions

Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column below.

Calculation of Expenditure Days Credits

Total Expenditures $87.40 + 15 = 5.83

Total Number of Mining Claims Covered by this Report of Work

RECEIVED

OCT 29 1990

MINING LANDS SECTION

Total Number of Days Performed

5.83

Total Number of Days Claimed

5.83

Total Number of Days to be Claimed at a Future Date

0

Certification of Beneficial Interest

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Date: Sept 18-90

Recorded Holder or Agent (Signature)

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying

FRANK TALIKO, 1836 OMIRO ST., WINDSOR, ON. N9H-1R2

Date: Sept 16-90

Recorded by (Signature)

For Office Use Only

Total Days Cr. Recorded

5.83

Date Recorded: Feb 21/91

Received Stamp

MINING DIVISION

SEP 21 1990

TIME 9:23 A.M.
**Report of Work**

*Ministry of Northern Development and Mines*

**(Expenditures, Subsection 77(19))**

**Type of Work Performed**

<table>
<thead>
<tr>
<th>ASSAYS</th>
</tr>
</thead>
</table>

**Recorded Holder**

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. J. Ryan</td>
<td>3597 Bloomfield Rd., Windsor, Ont. N9C 1R8</td>
</tr>
</tbody>
</table>

**Work Performed By**

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>F. Blanchette</td>
<td>1830 Omiira St., Windsor, Ont. N9H 1R9</td>
</tr>
</tbody>
</table>

**Instructions**

- Please type or print.
- Refer to Subsection 77(19), the Mining Act for assessment work requirements and maximum credits allowed under this Subsection.
- Technical Reports, maps and proof of expenditures in duplicate should be submitted to Mining Land Section, Mineral Development and Lands Branch.

**Calculation of Expenditure Days Credits**

<table>
<thead>
<tr>
<th>Expenditure Days Cr.</th>
<th>Total Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td>42.2</td>
<td>$ 912.00 + 15</td>
</tr>
</tbody>
</table>

**Total Number of Days Performed**

<table>
<thead>
<tr>
<th>Days</th>
<th>Total Number of Days to be Claimed at a Future Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>60.8</td>
<td>60.8</td>
</tr>
</tbody>
</table>

**Certification of Beneficial Interest**

*See Note No. 2 on reverse side*

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

**Certification Verifying Report of Work**

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

**For Office Use Only**

- **Total Days Cr. Recorded**: 60.8
- **Date Recorded**: 9x1
- **Mining Recorder**
- **Date Approved as Recorded**: 8x1

**Certified By (Signature)**

**Received Stamp**

- **Larder Lake Mining Division**
- **Certified By (Signature)**
- **Received Stamp**
- **Date**: SEP 21 1990
- **Time**: 9:20AM
Report of Work

**Mining Act**  
(Expenditures, Subsection 77(1))

---

**Type of Work Performed**  
ASSAY

---

**Recorded Holder**  
WILLIAM J. RYAN

---

**Address**  
3597 BLOOMFIELD RD., WINDSOR, ONT. N9C 1R8  
(Tel) 519-252-1072

---

**Work Performed By**  
GABRIEL BLANCHE  
J. M'AHONEY  
W. RYAN (SEE ATTACHED)

---

**Name and Address of Author (of Submission)**  
FRANK TALERICO, 1830 OMIRA ST., WINDSOR, ONT. N9H 1R2

---

**Date When Work was Performed**  
From:  
To:  

---

**All the work was performed on Mining Claim(s):**  
Indicate no. of days performed on each claim.  
*See Note No. 1 on reverse side

---

**Instructions**  
Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).

---

**Calculation of Expenditure Days Credits**  
Total Expenditures  
Total Days Credits  
Total Number of Mining Claims Covered by this Report of Work

---

**Mineral Claims (List in numerical sequence). If space is insufficient, attach schedules with required information**

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Number</th>
<th>Expended Days Cr.</th>
<th>Mining Claim Prefix</th>
<th>Expended Days Cr.</th>
<th>Mining Claim Prefix</th>
<th>Expended Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>776478</td>
<td>10.8</td>
<td>L 776478</td>
<td>10.8</td>
<td>L 776478</td>
<td>10.8</td>
</tr>
</tbody>
</table>

---

**Received**  
OCT 29 1990  
MINING LANDS SECTION

---

**Certification of Beneficial Interest**  
*See Note No. 2 on reverse side

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Agent (Signature)  

---

**Certification Verifying Report of Work**

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying  
FRANK TALERICO, 1830 OMIRA ST., WINDSOR, ONT. N9H 1R2

---

**For Office Use Only**

Received Stamp  
SEP 21 1990

---

**Time**

---

**Document No.**

---

**M.I.**  
Ministry of Mining and Northern Development

---

**Report No.**

---

**Date of Submission**

---

**Telephone No.**  
734-8312 (T19)  
(Printed Name: Frank J. M. Green)

---
### Report of Work

**Mining Act (Expenditures, Subsection 77(19))**

<table>
<thead>
<tr>
<th>Type of Work Performed</th>
<th>Mining Division</th>
<th>Township or Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASSAYS</td>
<td>LA M A R D E R L A K E</td>
<td>M I L L I C A N</td>
</tr>
</tbody>
</table>

**Recorded Holder**

- **William J. Ryan**
- Prospector's Licence No.: A 45795
- Address: 3597 Bloomfield Rd, Windsor, Ont. N9C-1R8
- Telephone No.: 519-252-1072

**Work Performed By**

- Gabriel Blanchette / S. Maroney / W. Ryan

**Name and Address of Author (of Submission)**

Frank Taleric, 1830 Omira St, Windsor, Ont, N9H 1R2

**Date When Work was Performed**

Dec 20, 1990

**Type of Work Performed**

ASSAYS

**Instructions**

- PtMM type of print.
- Refer to Subsection 77(10), the Mining Act for assessment work requirements and maximum credits allowed under this Subsection.
- Technical Reports, maps and proof of expenditures in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

**All the work was performed on Mining Claim(s)**:

- Indicate no. of days performed on each claim.
- See Note No. 1 on reverse side

**Instructions**

Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).

**Calculation of Expenditure Days Credits**

<table>
<thead>
<tr>
<th>Total Expenditures</th>
<th>Total Days Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>$90.50</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>5.34</td>
</tr>
</tbody>
</table>

**Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required Information**

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Number</th>
<th>Expend. Days Cr.</th>
<th>Prefix</th>
<th>Number</th>
<th>Expend. Days Cr.</th>
<th>Prefix</th>
<th>Number</th>
<th>Expend. Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>736478</td>
<td>5.34</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Certification of Beneficial Interest**

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Date: Dec 20, 1990

**Certification Verifying Report of Work**

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying

Frank Taleric, 1830 Omira St, Windsor, Ont, N9H 1R0

**For Office Use Only**

- **Date Recorded**: Sep 16, 1990
- **Received Stamp**: Sep 21, 1990
- **Certified By**: (Signature)
**Ontario Ministry of Natural Resources**

### Mining Act

#### Report of Work

_(Expenditures, Subsection 77(19))_

<table>
<thead>
<tr>
<th>Type of Work Performed</th>
<th>Mining Division</th>
<th>Township or Area</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASSAYS</strong></td>
<td>LARDER LAKE</td>
<td>MILLIGAN</td>
</tr>
</tbody>
</table>

**Recorded Holder**

**WILLIAM J. RYAN**

**Prospector's Licence No.**

A 452795

**Telephone No.**

519-252-1072

**Work Performed By**

GABRIEL BLANCHÈRE/W. BLANCHÈRE/W. RYAN

**Date When Work was Performed**

OCT 29 1990

**Calculation of Expenditure Days Credits**

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>Expended Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>73 6478</td>
<td>7.94</td>
</tr>
<tr>
<td>73 6711</td>
<td>6.04</td>
</tr>
</tbody>
</table>

**RECEIVED**

OCT 29 1990

**MINING LANDS SECTION**

**Certification of Beneficial Interest**

I hereby certify that at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

**Certification Verifying Report of Work**

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

**For Office Use Only**

**Received Stamp**

SEP 2 1 1990
Ontario Ministry of Northern Development and Mines
Report of Work
(Mining Act, Expenditures, Subsection 77(19))

<table>
<thead>
<tr>
<th>Type of Work Performed</th>
<th>Mining Division</th>
<th>Township or Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASSAYS</td>
<td>LARDER LAKE</td>
<td>MILLAGAN</td>
</tr>
</tbody>
</table>

Recorded Holder
WILLIAM J. RYAN

Prospector's Licence No.
A 45795

Address
3597 BLOOMFIELD RD., WINDSOR, ONT. N9C 1R8.

Telephone No.
(519) 252-1072

Work Performed By
GABRIEL BLENCHER & J.P. BLENCHER & JOHN Mahoney (SEE SCHEDULE)

Name and Address of Author (of Submission)
FRANK TALERICO, 1830 OMIRA ST., WINDSOR, ONT. N9H 1R7

Date When Work was Performed
SEP 21 1990

Instructions
- Refer to Subsection 77(19), the Mining Act for assessment work requirements and maximum credits allowed under this Subsection.
- Technical Reports, maps and proof of expenditures in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

All the work was performed on Mining Claim(s):
- See Note No. 1 on reverse side

Calculations of Expenditure Days Credits

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>No. of Days</th>
<th>Mining Claim</th>
<th>No. of Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>77999</td>
<td>5.3</td>
<td>736711</td>
<td>5.3</td>
</tr>
</tbody>
</table>

Total Expenditures Days Credits

\[ \text{Total Expenditures} \times \text{Expenditure Days Credit} = \text{Total Days Credits} \]

\[ \text{Total Expenditures} = 80.00 \times 15 = 530 \]

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>No. of Days</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
</tr>
<tr>
<td></td>
<td>Number</td>
</tr>
</tbody>
</table>

RECEIVED
OCT 20 1990
MINING LANDS SECTION

Name and Address of Person Certifying
FRANK TALERICO, 1830 OMIRA ST., WINDSOR, ONT. N9H 1R7

Date
SEP 21 1990

Certification of Beneficial Interest
I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder’s name or held under a beneficial interest by the current recorded holder.

Date
SEP 18 90

Certification Verifying Report of Work
I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying
FRANK TALERICO, 1830 OMIRA ST., WINDSOR, ONT. N9H 1R7

Date
SEP 21 1990

For Office Use Only

Certified By (Signature)

Mining Recorder

Date Approved By (Signature)

Provincial Manager, Mining Lands

*SEE REVISED WORK STATEMENT*
## Ministry of Northern Development and Mines

### Report of Work

#### Mining Act (Expenditures, Subsection 77(19))

**Type of Work Performed**
- CONSULTING

**Recorded Holder**
- WILLIAM J. RYAN

**Address**
- 3597 Bloomfield Rd., Windsor, Ont. N9C 1R8

**Work Performed By**
- MICHAEL LEANY

**Mining Division**
- LAKOSA LAKE

**Township or Area**
- MILLIGAN

**Prospector's Licence No.**
- A 45795

**Telephone No.**
- 519-252-1072

**Name and Address of Author (of Submission)**
- FRANK TALERICO, 1830 Omira St., Windsor, ON, N9H 1R2

**Date When Work was Performed**
- SEPT 16 1990

### All the work was performed on Mining Claim(s):

<table>
<thead>
<tr>
<th>Mining Claim Number</th>
<th>No. of Days</th>
<th>Mining Claim Number</th>
<th>No. of Days</th>
<th>Mining Claim Number</th>
<th>No. of Days</th>
<th>Mining Claim Number</th>
<th>No. of Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>7367/1</td>
<td>280</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Number of Days Performed**
- 2980

**Total Number of Days Claimed**
- 2980

**Total Number of Days to be Claimed at a Future Date**
- 0

### Certification of Beneficial Interest

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

**Date**
- SEPT 11 1990

**Recommended Holder or Agent (Signature)**
- William Ryan

### Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

**Name and Address of Person Certifying**
- FRANK TALERICO, 1830 Omira St., Windsor, ON, N9H 1R2

**Date**
- SEPT 16 1990

**Certified By (Signature)**

### For Office Use Only

**Total Days Cr. Recorded**
- 298

**Date Recorded**
- SEPT 16 1990

**Mining Recorder**

**Date Approved as Recorded**
- SEPT 21 1990

**Physical Manager, Mining Lands**

**Certified By (Signature)**

**Certification of Revised Work Statement**

**MINING DIVISION**

**LAKOSA LAKE**

**SEP 21 1990**

**TIME 8:22AM**
**Report of Work**

**Mining Act**

(Expenditures, Subsection 77(1))

**Type of Work Performed**: Geologic Assessment

**Recorded Holder**: WILLIAM J. RYAN

**Address**: 3597 Broomfield Rd., Windsor, Ontario N9C 1R9

**Work Performed By**: OVERBURDEN DRILLING MANAGEMENT LTD. / MINNOVA

**Name and Address of Author (of Submission)**: FRANK TELERICO, 1830 Olima St., Windsor, Ont. N9K 2W9

**Date When Work was Performed**: SEP 21 1990

---

### Instructions

- Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).

### Calculation of Expenditure Days Credits

<table>
<thead>
<tr>
<th>Mining Claim Prefix</th>
<th>Number</th>
<th>Expend. Days Cr.</th>
<th>Mining Claim Prefix</th>
<th>Number</th>
<th>Expend. Days Cr.</th>
<th>Mining Claim Prefix</th>
<th>Number</th>
<th>Expend. Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>799816</td>
<td>4.83</td>
<td>L</td>
<td>799815</td>
<td>4.83</td>
<td>L</td>
<td>799814</td>
<td>4.83</td>
</tr>
<tr>
<td>L</td>
<td>799813</td>
<td>4.83</td>
<td>L</td>
<td>799812</td>
<td>4.83</td>
<td>L</td>
<td>799811</td>
<td>4.83</td>
</tr>
<tr>
<td>L</td>
<td>799810</td>
<td>4.83</td>
<td>L</td>
<td>799809</td>
<td>4.83</td>
<td>L</td>
<td>799807</td>
<td>4.83</td>
</tr>
</tbody>
</table>

**Total Expenditures**: $2,097.60 + 15 = 135.2

**Total Number of Days to be Claimed at a Future Date**: 0

---

**Certification of Beneficial Interest**

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

**Recorded Holder or Agent (Signature)**: [Signature]

**Certification Verifying Report of Work**

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

**Name and Address of Person Certifying**: FRANK TELERICO, 1830 Olima St., Windsor, Ont. N9K 2W9

**Date**: SEP 21 1990

---

**For Office Use Only**

**Date Recorded**: SEP 21 1990

**Received Stamp**: [Stamp]

**Time Recorded**: 8:22 a.m.
**Report of Work**

**Mining Act**  
(Expenditures, Subsection 77(19))

<table>
<thead>
<tr>
<th>Type of Work Performed</th>
<th>Mining Division</th>
<th>Township or Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recorded Holder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Work Performed By</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Name and Address of Author (of Submission)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Date When Work was Performed**

<table>
<thead>
<tr>
<th>From: Day</th>
<th>Mo.</th>
<th>Yr.</th>
<th>To: Day</th>
<th>Mo.</th>
<th>Yr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

- All the work was performed on Mining Claim(s):  
  See Note No. 1 on reverse side

- InstructIon*  
  Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).

**Calculatin of Expenditure Days Credits**

<table>
<thead>
<tr>
<th>Total Expenditures</th>
<th>$</th>
<th>15</th>
<th>Total Days Credits</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required information**

<table>
<thead>
<tr>
<th>Mining Claim Prefix</th>
<th>Number</th>
<th>Expended Days Cr.</th>
<th>Mining Claim Prefix</th>
<th>Number</th>
<th>Expended Days Cr.</th>
<th>Mining Claim Prefix</th>
<th>Number</th>
<th>Expended Days Cr.</th>
<th>Mining Claim Prefix</th>
<th>Number</th>
<th>Expended Days Cr.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>No. of Days Mining Claim</th>
<th>No. of Days Mining Claim</th>
<th>No. of Days Mining Claim</th>
<th>No. of Days Mining Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.83</td>
<td>4.83</td>
<td>4.83</td>
<td>4.83</td>
</tr>
<tr>
<td>4.83</td>
<td>4.83</td>
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<tr>
<td>4.83</td>
<td>4.83</td>
<td>4.83</td>
<td>4.83</td>
</tr>
</tbody>
</table>

**Certification of Beneficial Interest**

See Note No. 2 on reverse side

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Name and Address of Person Certifying

Telephone No. | Date | Certified By (Signature) |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Certification Verifying Report of Work**

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying

Telephone No. | Date | Certified By (Signature) |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**For Office Use Only**

<table>
<thead>
<tr>
<th>Total Days Cr. Recorded</th>
<th>Date Recorded</th>
<th>Mining Recorder</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RECEIVED**

LARDER LAKE  
MINING DIVISION

SEP 21 1990

TIME 3:20:00 AM
March 15, 1991

Mining Recorder
Ministry of Northern Development
and Mines
4 Government Road East
KIRKLAND LAKE, Ontario
P2N 1A2

Dear Madam/Sir:

Re: Data for Expenditures submitted under Section 77(19) of the Mining Act R.S.O. 1980 on Mining Claims L.736705 et al in Milligan/McCool/Munro.

The enclosed statement of assessment work credits for Expenditure has been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

Ron C. Gashinski
Provincial Manager, Mining Lands
Mines & Minerals Division

cc: Mr. W.D. Tieman
Mining and Lands Commissioner
Toronto, Ontario

William J. Ryan
Windsor, Ontario

Resident Geologist
Kirkland Lake, Ontario

Frank Talerico
Windsor, Ontario
Recorded Holder: William J. Ryan
Township or Area: Milligan/McCool/Munro

<table>
<thead>
<tr>
<th>Type of Survey and Number of Assessment Days</th>
<th>Credit per Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geophysical</td>
<td></td>
</tr>
<tr>
<td>Electromagnetic</td>
<td>days</td>
</tr>
<tr>
<td>Magnetometer</td>
<td>days</td>
</tr>
<tr>
<td>Radiometric</td>
<td>days</td>
</tr>
<tr>
<td>Induced polarization</td>
<td>days</td>
</tr>
<tr>
<td>Other</td>
<td>days</td>
</tr>
<tr>
<td>Section 77 (19) See &quot;Mining Claims Assessed&quot; column</td>
<td></td>
</tr>
<tr>
<td>Geological</td>
<td>days</td>
</tr>
<tr>
<td>Geochemical</td>
<td>days</td>
</tr>
<tr>
<td>Men days □</td>
<td>Airborne □</td>
</tr>
<tr>
<td>Special provision □</td>
<td>Ground □</td>
</tr>
</tbody>
</table>

$1,689.17 SPENT ON OVERBURDEN DRILLING AND ASSAYING SAMPLES TAKEN FROM MINING CLAIMS:

L.736705-06
736710 to 712 incl.
772925

112.1 Days credit allowed which may be grouped in accordance with Section 76(6) of the Mining Act R.S.O. 1980.

Special credits under section 77 (18) for the following mining claims

No credits have been allowed for the following mining claims

Sample 857991-1 not on claim holder's property.
No work was performed on mining claims: L.736478-479; L.736703-04; L.736707 to 709 incl; S.772926 to 930 incl; L.799812 to 816 incl; L.800151-52 and L.801111-12.

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.
March 21, 1991

Dear Sir/Madam:


The assessment work credits, as listed with the above-mentioned Notice of Intent have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

Ron. C. Gashinski,
Provincial Manager, Mining Lands
Mines & Minerals Division

Encl:

cc: William J. Ryan
Windsor, Ontario

Frank Talerico
Windsor, Ontario
Ministry of Northern Development and Mines

Technical Assessment Work Credits

Ontario

Feb. 21/91

We

2.13540

ln Recorder's Report of Work Credit*

Ontario

Recorded Holder

William J. Ryan

Township or Area

McCool, Rayner Lake (Milligan)

<table>
<thead>
<tr>
<th>Type of survey and number of Assessment days credit per claim</th>
<th>Mining Claims Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geophysical</td>
<td>$103.50 SPENT ON ASSAYING SAMPLES TAKEN FROM MINING CLAIMS:</td>
</tr>
<tr>
<td>Electromagnetic</td>
<td>L 799812</td>
</tr>
<tr>
<td>Magnetometer</td>
<td>6.9 Days credit allowed which may be grouped in accordance with Section 76(6) of the Mining Act R.S.O. 1980.</td>
</tr>
<tr>
<td>Radiometric</td>
<td>NOTE: Collecting of samples may be filed under Manual Labour. Please contact the Mining Recorder in this regard.</td>
</tr>
<tr>
<td>Induced polarization</td>
<td>Special credits under section 77 (16) for the following mining claims</td>
</tr>
<tr>
<td>Other</td>
<td>No credits have been allowed for the following mining claims</td>
</tr>
<tr>
<td>Section 77 (19) See &quot;Mining Claims Assessed&quot; column</td>
<td></td>
</tr>
<tr>
<td>Geological</td>
<td></td>
</tr>
<tr>
<td>Geochemical</td>
<td></td>
</tr>
<tr>
<td>Man days □</td>
<td></td>
</tr>
<tr>
<td>Airborne □</td>
<td></td>
</tr>
<tr>
<td>Special provision □</td>
<td></td>
</tr>
<tr>
<td>Ground □</td>
<td></td>
</tr>
<tr>
<td>Credits have been reduced because of partial coverage of claims.</td>
<td></td>
</tr>
<tr>
<td>Credits have been reduced because of corrections to work dates and figures of applicant.</td>
<td></td>
</tr>
</tbody>
</table>

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.
**Recorded Holder**

William J. Ryan

**Township or Area**

Milligan

### Type of survey and number of assessment days credit per claim

<table>
<thead>
<tr>
<th>Type of survey</th>
<th>Number of assessment days credit per claim</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geophysical</td>
<td></td>
</tr>
<tr>
<td>Electromagnetic</td>
<td></td>
</tr>
<tr>
<td>Magnetometer</td>
<td></td>
</tr>
<tr>
<td>Radiometric</td>
<td></td>
</tr>
<tr>
<td>Induced polarization</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

### Mining Claims Assessed

$171.00 SPENT ON ASSAYING SAMPLES TAKEN FROM MINING CLAIMS:

L 772925-26

11.4 Days credit allowed which may be grouped in accordance with Section 76(6) of the Mining Act R.S.O. 1980.

**NOTE:** Collecting of samples may be filed under Manual Labour. Please contact the Mining Recorder in this regard.

### Special credits under section 77 (16) for the following mining claims

**No credits have been allowed for the following mining claims**

- [ ] not sufficiently covered by the survey
- [ ] insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.
Ministry of Northern Development and Mines

Technical Assessment
Work Credits

Recorded Holder
William J. Ryan

Township or Area
Milligan

<table>
<thead>
<tr>
<th>Type of survey and number of Assessment days credit per claim</th>
<th>Mining Claims Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geophysical</td>
<td>$46.00 SPENT ON ASSAYING SAMPLES TAKEN FROM MINING CLAIMS:</td>
</tr>
<tr>
<td>Electromagnetic</td>
<td>L 772929</td>
</tr>
<tr>
<td>Magnetometer</td>
<td>3.1 Days credit allowed which may be grouped in accordance with Section 76(6) of the Mining Act R.S.O. 1980.</td>
</tr>
<tr>
<td>Radiometric</td>
<td>Credits have been reduced because four (4) samples were assayed at $11.50 per sample is $46.00</td>
</tr>
<tr>
<td>Induced polarization</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
<tr>
<td>Special provision</td>
<td></td>
</tr>
<tr>
<td>Man days ☐</td>
<td></td>
</tr>
<tr>
<td>Airborne ☐</td>
<td></td>
</tr>
<tr>
<td>Ground ☐</td>
<td></td>
</tr>
<tr>
<td>☐ Credits have been reduced because of partial coverage of claims.</td>
<td></td>
</tr>
<tr>
<td>☐ Credits have been reduced because of corrections to work dates and figures of applicant.</td>
<td></td>
</tr>
</tbody>
</table>

Special credits under section 77(16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey
☐ insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 00.
Recorded Holder
William J. Ryan

Township or Area
Milligan

<table>
<thead>
<tr>
<th>Type of survey and number of assessment days credit per claim</th>
<th>Mining Claims Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Geophysical</strong></td>
<td>$0.00 SPENT ON ASSAYING SAMPLES TAKEN FROM MINING CLAIMS:</td>
</tr>
<tr>
<td>Electromagnetic</td>
<td>days</td>
</tr>
<tr>
<td>Magnetometer</td>
<td>days</td>
</tr>
<tr>
<td>Radiometric</td>
<td>days</td>
</tr>
<tr>
<td>Induced polarization</td>
<td>days</td>
</tr>
<tr>
<td>Other</td>
<td>days</td>
</tr>
</tbody>
</table>

Section 77 (19) See "Mining Claims Assessed" column

Geological                                                   days

Geochemical                                                  days

- Men days [ ]
- Airborne [ ]
- Special provision [ ]
- Ground [ ]

- Credits have been reduced because of partial coverage of claims.
- Credits have been reduced because of corrections to work dates and figures of applicant.

0.00 Days credit allowed which may be grouped in accordance with Section 76(6) of the Mining Act R.S.O. 1980.

No credits are allowed for consulting work unless appropriate maps and reports are submitted to Mining Lands Section.

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

- not sufficiently covered by the survey [ ]
- Insufficient technical data filed [ ]

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.
TO: MINNOVA INC.  
P.O. Box 2000  
Rouyn-Noranda, Quebec  
J9X 5B4  

ATTENTION: Mr. D. Bernard  

RE: Yellow Sands  
Invoice #0689204  

DATE: July 10, 1989  

<table>
<thead>
<tr>
<th>Consulting Services:</th>
</tr>
</thead>
</table>
| Averill, S.          | 880.00  
| Peneault, R.         | 196.00  
| Graham, K.           | 325.00  
| Litola, L.           | 96.00   
| Paradis, D.          | 132.00  

$1,629.00  

<table>
<thead>
<tr>
<th>Laboratory Services:</th>
</tr>
</thead>
</table>
| 6 overburden samples @ | $31.00  
| 6 pannings (0-20 grains)@ | $20.00  
| 6 sieve fractions@ | $4.00   

$330.00  

Expenses: as per attached  

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
</table>
|             | 45.91  
|             | 22.69   

$68.60  

INVOICE TOTAL  

$2,027.60  

Nancy Averill  
General Manager  

703-70-600-651
FORMULE DE TRANSMISSION PAR RAPIFAX

DATE : MARCH 11, 1991  Numero de RAPIFAX (819) 797-2129
DESTINATAIRE
NOM : Larry Stoliker  ENDROIT : 705-670-7251
EXPEDITEUR
NOM : Pierre Berd  DIVISION : MINNOVA inc.
MESSAGE
As discussed

Have a nice day

Pierre Berd

857991 - I met on their ground

HEURE : Nombre de page(s) envoyée(s) : 2  PAR Anne
Windsor Ontario
Nov. 30/90

Mr. Larry Stelker

Dear Sir,

Enclosed please find two copies of Minorco Inc. reports as requested. Many thanks.

Sincerely,

[Signature]
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES. FOR ADDITIONAL INFORMATION THE STATUS OF THE LANDS SHOWN HEREON AREAS WITHDRAWN FROM DISPOSITION— M.R.O.-MINING RIGHTS ONLY, S.R.O.-SURFACE RIGHTS ONLY, M.+S.-MINING AND SURFACE RIGHTS

NOTICE OF FORESTRY ACTIVITY
THE TOWNSHIP OF MILLIGAN, DISTRICT OF COCHRANE, MUNRO TWP.

FOR STATUS REFER TO PLAN 3523
THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P.O. BOX 129 SWASTIKA, ONT. 705-642-3222

LEGEND
HELIPORTS
OTHER TRAILS
SURVEY LINES: TOWNSHIPS. BASE LINES ETC.
LOTS. MINING CLAIMS. PARCELS. ETC.
RAILWAY. RAILWAY RIGHTS
UTILITIES, LINES
NON-PERENNIAL STREAMS OR FLOODING ENTRIES
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINE LEASE, SURFACE RIGHTS
SURFACE RIGHTS ONLY
MINING RIGHTS ONLY
LICENSE OF OCCUPATION
CROWN LAND SALE
ORDER-IN-CO
PROPERTY RESERVATION
CANCELLED
SAND AND GRAVEL WARDEN

SCALE: 1 INCH = 6 CHAINS
NOTICE OF FORESTRY ACTIVITY

This Township / Area falls within the...

NOTE

400' surface rights reservation along the shore of all lakes and rivers

NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP / AREA FALLS WITHIN THE...

AUTHORISED FROM DISPOSITION

WANT MINING RIGHTS ONLY

WANT SURFACE AND MINING RIGHTS

SURFACE RIGHTS ONLY

MINING RIGHTS ONLY

LEASE, SURFACE AND MINING RIGHTS

SURFACE RIGHTS ONLY

MINING RIGHTS ONLY

LICENSE OF OCCUPATION

CROWN Land - FLAT

DISTRICT - COCHRANE

MINING DIVISION

LARDER LAKE

GARRISON

M. 349

MINISTRY OF MINES

MILLIGAN Tp.

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILLED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER.