**JOHNSON MATTHEY LIMITED**

**HISTORICAL MINTED GOLD BARS**
**ISSUED IN CANADA**

---

**PERIOD OF MANUFACTURE**

Johnson Matthey Limited, a major international gold refiner in Toronto (Canada), previously issued an extensive range of minted bars from the early 1970s until 2000.

The minted bars were produced at two locations: 110 Industry Street (1970s – 1990) and the company's large gold refinery in Brampton (1990 – 2000) near the international airport of Toronto.

Over this period of almost 30 years, the company was the largest manufacturer of minted bars in North America. Millions of bars were produced and wholesaled to dealers around the world, notably in North America, Europe and the Far East.

The bars are still widely held by investors and traded by dealers on the secondary market.

It can be noted that the Johnson Matthey Group remains a major manufacturer of cast gold bars (400 oz, 100 oz, 10 oz and 1000 g) for the international market.

In addition to Johnson Matthey Limited (Canada), which has been accredited to the LBMA since 1961, Johnson Matthey Inc (USA) has been accredited to the LBMA since 1989.

**MINTED GOLD BARS**

Johnson Matthey Limited, in 1990 and 1997, provided information on 15 minted bars.

Troy ounces: 7 bars, ranging from 10 oz to 1/10 oz
Grams: 8 bars, ranging from 500 g to 1 g

The Industry Collection included a representative range in 1993.

---

**HISTORICAL OFFICIAL STAMP**


The stamp depicts a hammer and geologist’s pick.
### TECHNICAL DESCRIPTION

<table>
<thead>
<tr>
<th>Weight</th>
<th>Type</th>
<th>Fineness</th>
<th>Shape</th>
<th>Dimensions mm</th>
<th>First Issued*</th>
<th>Serial Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 oz</td>
<td>Minted</td>
<td>999.9</td>
<td>Rectangular</td>
<td>89 x 45 x 4.115</td>
<td>1971</td>
<td>6 numbers 1975</td>
</tr>
<tr>
<td>5 oz</td>
<td>Minted</td>
<td>999.9</td>
<td>Rectangular</td>
<td>60 x 35 x 3.912</td>
<td>1971</td>
<td>6 numbers 1975</td>
</tr>
<tr>
<td>2 oz</td>
<td>Minted</td>
<td>999.9</td>
<td>Rectangular</td>
<td>50 x 29 x 2.355</td>
<td>1971</td>
<td>6 numbers 1975</td>
</tr>
<tr>
<td>1 oz</td>
<td>Minted</td>
<td>999.9</td>
<td>Rectangular</td>
<td>50 x 29 x 1.171</td>
<td>1971</td>
<td>6 numbers 1975</td>
</tr>
<tr>
<td>1/2 oz</td>
<td>Minted</td>
<td>999.9</td>
<td>Rectangular</td>
<td>40 x 24 x 0.876</td>
<td>1971</td>
<td>6 numbers 1975</td>
</tr>
<tr>
<td>1/4 oz</td>
<td>Minted</td>
<td>999.9</td>
<td>Rectangular</td>
<td>30 x 18 x 0.762</td>
<td>1971</td>
<td>6 numbers 1975</td>
</tr>
<tr>
<td>1/10 oz</td>
<td>Minted</td>
<td>999.9</td>
<td>Rectangular</td>
<td>18 x 12 x 0.760</td>
<td>1971</td>
<td>Letter Plus 4 numbers</td>
</tr>
</tbody>
</table>

500 g  | Minted   | 999.9    | Rectangular | 100 x 60 x 4.379 | 1971          | 6 numbers 1975       |
| 100 g  | Minted   | 999.9    | Rectangular | 50 x 29 x 3.784 | 1971          | 6 numbers 1975       |
| 50 g   | Minted   | 999.9    | Rectangular | 45 x 27 x 2.210 | 1971          | 6 numbers 1975       |
| 20 g   | Minted   | 999.9    | Rectangular | 40 x 24 x 1.118 | 1971          | 6 numbers 1975       |
| 10 g   | Minted   | 999.9    | Rectangular | 30 x 18 x 0.990 | 1971          | 6 numbers 1975       |
| 5 g    | Minted   | 999.9    | Rectangular | 25 x 14 x 0.762 | 1971          | 6 numbers 1975       |
| 2.5 g  | Minted   | 999.9    | Rectangular | 18 x 12 x 0.610 | 1971          | Letter Plus 4 numbers |
| 1 g    | Minted   | 999.9    | Rectangular | 16 x 10.5 x 0.325 | 1971          | Letter Plus 4 numbers |

Source: Johnson Matthey Limited. *Estimated date for first issue of minted bars. Dimensions were provided in 1990. In 1977, a new rectangular official stamp was applied to minted bars, in use until 2000.

### SOURCES OF INFORMATION


### EXAMPLES OF MINTED GOLD BARS

![1 oz](image1)

![1/2 oz](image2)

![1/4 oz](image3)

![10 oz](image4)
THE INDUSTRY COLLECTION OF GOLD BARS WORLDWIDE

The Industry Collection of Gold Bars Worldwide is a worldwide effort to create a unique collection of standard, innovative and unusual gold bars to support the promotion of gold.

Since 1993, manufacturers from across the globe have supported this international project by making their bars available. The Founder was N.M. Rothschild & Sons (Australia) Limited, associated with N M Rothschild & Sons Limited, London. The Custodian and Official Location is The Perth Mint, wholly owned by the Government of Western Australia.

The Curator is Grendon International Research Pty Ltd (GIR). Apart from acting as a consultant within the gold industry, GIR has published several reference books on gold, including The Industry Catalogue of Gold Bars Worldwide.

Refer to disclaimer on website: www.goldbarsworldwide.com

© Grendon International Research Pty Ltd 2010. All rights reserved.