

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.

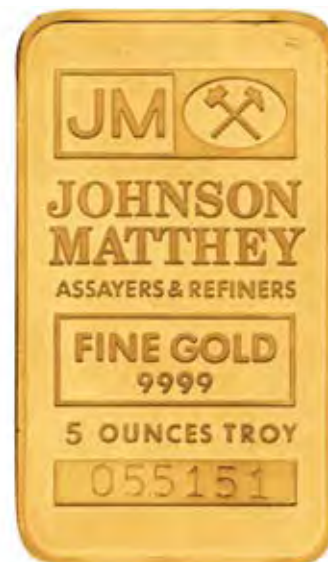
MINTED GOLD BARS

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.



Johnson Matthey Limited was the largest manufacturer of minted bars in North America from the 1970s until 2000.



The former plant in Industry Street, Toronto, manufactured minted bars until 1990.

HISTORICAL OFFICIAL STAMP



On minted bars, issued by Johnson Matthey Limited, from 1977 until 2000.

The stamp depicts a hammer and geologist's pick.



The plant at Brampton near Toronto airport manufactured minted bars from 1990 until 2000.



TECHNICAL DESCRIPTION

Weight	Type	Fineness	Shape	Dimensions mm	First Issued*	Serial Numbers	
						System	Year Introduced
10 oz	Minted	999.9	Rectangular	89 x 45 x 4.115	1971	6 numbers	1975
5 oz	Minted	999.9	Rectangular	60 x 35 x 3.912	1971	6 numbers	1975
2 oz	Minted	999.9	Rectangular	50 x 29 x 2.355	1971	6 numbers	1975
1 oz	Minted	999.9	Rectangular	50 x 29 x 1.171	1971	6 numbers	1975
1/2 oz	Minted	999.9	Rectangular	40 x 24 x 0.876	1971	6 numbers	1975
1/4 oz	Minted	999.9	Rectangular	30 x 18 x 0.762	1971	6 numbers	1975
1/10 oz	Minted	999.9	Rectangular	18 x 12 x 0.760	1971	Letter Plus 4 numbers	1975
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	1975
1 g	Minted	999.9	Rectangular	16 x 10.5 x 0.325	1971	Letter Plus 4 numbers	1975

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

Gold Refiners & Bars Worldwide (GIR, 1991).
 The Industry Catalogue of Gold Bars Worldwide (GIR, 1998).
 GIR communication with the Johnson Matthey Limited in 1990, 1993, 1997 and 2010.

Photographs: Johnson Matthey Limited and The Industry Collection of Gold Bars Worldwide.

EXAMPLES OF MINTED GOLD BARS



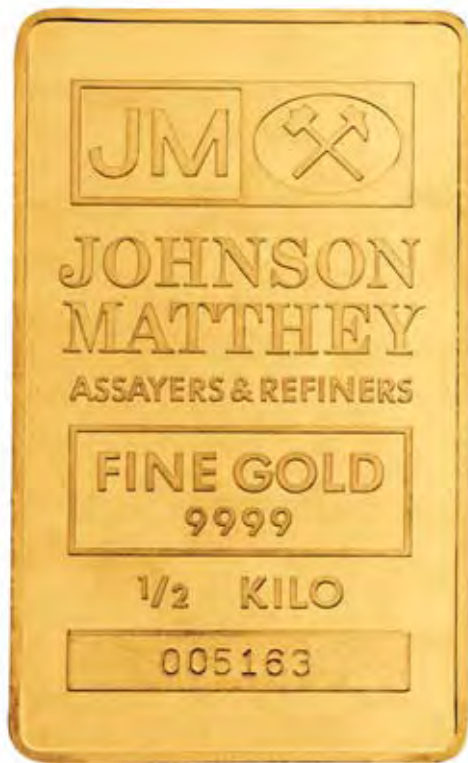
1 oz

1/2 oz

1/4 oz

10 oz

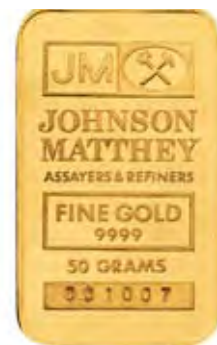




500 g



100 g



50 g



10 g



5 g



2.5 g



1 g

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.

