## DEPARTMENT OF PRIMARY INDUSTRIES

# Gold

# Victoria, Australia A world-class gold province

Victoria, Australia, is a world-renowned gold province with a variety of deposit styles and world-class pre-competitive geoscientific information to guide explorers to major new discoveries.

# 80 million ounces mined - many million ounces yet to find

A total of 80 million ounces (Moz) of gold has been mined in Victoria since 1851. However, much of Victoria remains under explored and there are further exploration opportunities available for major discoveries, at depth and based on new regional geological models.

GeoScience Victoria's assessments indicate it is likely that several multi-million ounce deposits in the State remain undiscovered. Victoria's gold deposits are high grade and offer the potential for economically attractive mines.

## **Current production**

Gold production and exploration expenditure remain bouyant.

Production in Victoria is in the order of about 200,000 oz per annum, coming mainly from gold mines at Stawell and Fosterville.

## Exploration and development opportunities

Victoria's significant prospectivity for gold is based on a long history of production, and the presence of large under explored but highly prospective areas.

For example, the region north of Stawell and Bendigo in western central Victoria is estimated to contain between 15 and 70 Moz of undiscovered gold.

Victoria has further exploration opportunities for major discoveries. New geoscientific models offer the potential to find significant gold and base metal deposits.

GeoScience Victoria's Gold Undercover Reports no. 2 (2007), no. 13 (2009) and no. 17 (2010) provide more information. For free copies, visit the DPI online store at: www.dpi.vic.gov.au/minpet/store

## **Untapped potential**

Victoria has 13 goldfields that have each produced more than 1 Moz of gold, including one field of 22 Moz (Bendigo) and another of 12 Moz (Ballarat). Many of these old goldfields offer opportunities to reopen mines or find totally new deposits through modern exploration techniques.





Victoria

## Kev reasons to invest in Victoria:

- The Victorian Government actively supports and wants to further develop a strong earth resources sector.
- Like other parts of Australia, Victoria is highly prospective in a number of key commodities.
- Legislation is being reformed to make Victoria an even easier place to do business for explorers and developers.
- New legislation and the Government's approach are encouraging exploration and development on the ground
- Victoria is under explored and under developed.
- Victoria boasts political and economic stability and low sovereign risk.
- Victoria features easy access to sophisticated infrastructure, established markets and export pathways.
- Victoria has an enviable lifestyle in a secure environment with world class facilities and services.

## Types of gold deposits

There are several types of gold deposits occurring in different geological settings across Victoria including: mesozonal orogenic, epizonal orogenic, intrusionrelated, volcanic-hosted massive sulphide and alluvial gold. Victoria is more than vein-hosted nuggety gold.

## The Victorian Government is committed to economic development

The Victorian Government provides a positive business environment, efficient regulation, security of tenure for explorers and developers and encourages action on the ground.

## www.dpi.vic.gov.au/earth-resources

About 50 per cent of

Mildura

## **The Department of Primary** Industries (DPI) offers advice and information to assist investors, including:

- Free access to DPI's knowledge, advice and expertise on obtaining approvals for earth resource projects;
- Pre-competitive data, information and knowledge accumulated over 155 years of exploration and mining;
- Free digital geoscience maps, reports and data, including geological, geochemical, geophysical, regolith, minerals and open file tenements (www.dpi.vic.gov.au/minpet/store); and
- An online tool to create customised scientific maps in real time or to view, download or interrogate geoscientific databases, including geology, drill holes and geochemistry (www.dpi.vic.gov.au/minpet/geovic)

For more information about investment opportunities contact DPI, Earth Resources Division.

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15-70 Moz vet to find under Cainozoic cover

Unquantified potential for new discoveries

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1 Spring Street, Victoria 3000, Australia, September 2012.

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Authorised by: Victorian Government, 1 Spring Street, Melbourne, Victoria 3000, Australia

ISBN 978-1-74199-612-8 (print) ISBN 978-1-74199-613-5 (online)

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