

Bendigo Mining Limited
 ABN 61 005 674 073

Corporate Details:

ASX Code: BDG

Issued capital:

507.9M ord. shares
 1.5M unlisted options
 2.1M unlisted perf. rights
 2.2M unlisted share rights

Substantial Shareholders:

Orbis Funds 48.5M (9.6%)
 STRS Ohio 32.1M (6.3%)

Directors:

Non-Executive Chairman:
 Peter McCarthy
 Managing Director:
 Rod Hanson
 Non-Executive Directors:
 Ronnie Beevor
 Richard Guy OAM
 David Ransom

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Bendigo Mining discovers further mineralisation at Henty with a best intersection of 4.2 metres at 11.7 g/t gold and at Kangaroo Flat a new style of reef mineralisation is confirmed with a best result of 3.7 metres at 105 g/t gold.

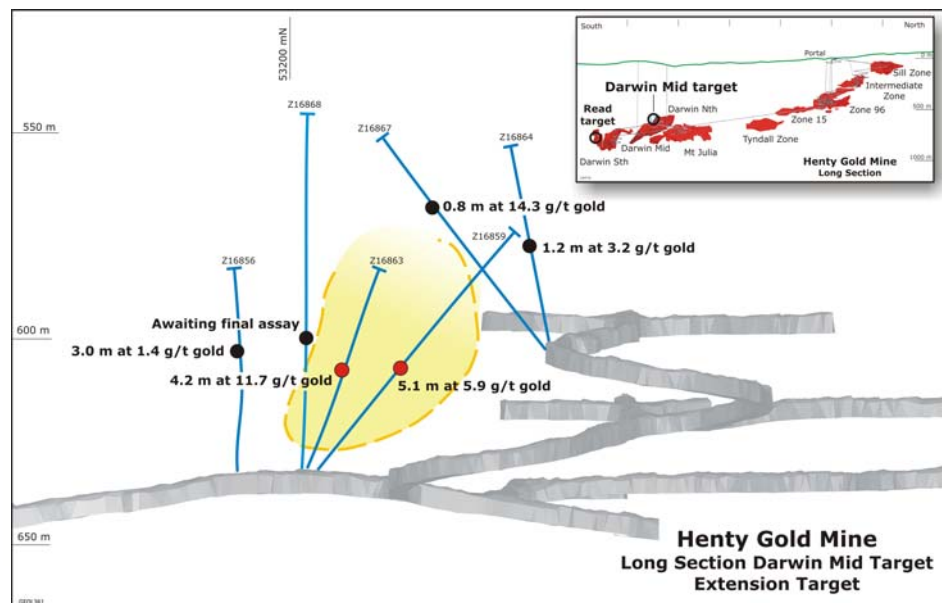
Rod Hanson, Managing Director & CEO comment "Exploration at Henty began only three months ago and to date the two targets drilled for which assays have been received have returned ore grade intercepts with strong indications for additional ore. There is excellent potential for a significant discovery at Henty due to the lack of drilling outside the main ore trend, hence we are giving exploration a real push to give us the best chance of early success.

"Results from the Kangaroo Flat Mine also confirm that we have discovered a new style of mineralisation not seen in modern mining on the Bendigo Goldfield, with new potential for high-grade vertical shoots of mineralisation associated with cross-cutting faults. Our exploration hasn't been specifically searching for this target orientation, hence repeat systems within the current mine area may exist." said Mr Hanson.

Henty Gold Mine

Exploration under Bendigo Mining ownership commenced in August 2009. The first target tested was the Tyndall Zone up-dip target, with positive extensions announced in the September 2009 quarterly report. Initial results from the testing of additional near mine targets at Darwin Mid and Read have been received. Drilling is continuing in several other target areas.

The best intersection in the Darwin Mid target was 4.2 metres at 11.7 g/t gold. This extension to known mineralisation is currently some 30 metres long and 30-40 metres high, however further drilling is required to test for possible extensions. Further assays are pending, with the location of drill intercepts shown in the attached diagram.



Initial drilling at the Read target, one of the most southerly exploration targets within the mine, located 150 metres west of the previously mined Darwin South deposit, returned strong alteration visible in drill core (gold assays pending). The location of this alteration opens up additional potential and new drill targets.

Kangaroo Flat Mine

The discovery of a significant extension to the Dumble reef was announced in the September quarter. Assays received to date confirm the high grade nature of this small zone of mineralisation. Dumble reef is interpreted to be a sub-vertical zone of quartz veining some 10-15 metres long, 3-5 metres wide and 170 metres high, with the top of the zone remaining open. The mineralisation is typical Bendigo-style with visible gold in quartz veining, however the orientation of the zone is uncommon with the long axis being vertical rather than horizontal. Significant assay results received to date include 3.7 metres at 105 g/t gold and 5.0 metres at 10 g/t gold and are tabulated below, along with the visual grade range estimates. The location of the significant drill intercepts are shown in the attached diagram.

Hole Number	Length (m)	Est. true width (m)	Grade range estimate (g/t gold) ¹	Gold assay (g/t) ²	Quartz %
Dumble reef					
FDD0818	1.6	0.9	> 15	86.5	100
FDD0819	2.9	1.6	> 15	41.9	88
FDD0837	7.5	3.7	> 15	104.9	67
FDD1043	6.3	5.0	> 15	10.4	94
FDD1043	2.9	2.3	10 - 15	2.5	25
FDD1044	2.9	2.5	2 - 6	0.8	49
FDD1044	5.1	3.9	6 - 10	1.7	86
FDD1045	9.0	6.2	10 - 15	8.3	83
FDD1046	3.0	2.8	> 15	14.1	74

Note: Items in bold reflect new data this quarter.

1. The geological grade range estimate is based on a visual ranking of the key geological textures and minerals in the drill core: such as quartz percent, quartz textures, presence of free gold and sulphides. The use of this ranking, in combination with assays, provides an estimation of the likely gold grade range of the intercept. The visual characteristics have a far greater influence on the grade range estimate than assay data.

2. Screen fire assay. The large gold particle size of mineralisation at Bendigo, termed the nugget effect, means that a single drill intersection cannot accurately represent the grade of the reef surrounding the drill hole, as drill core will tend to miss the coarse pieces of gold. Consequently, assays will usually under-estimate the grade of the reef. However, if a nugget is intersected by drilling, the assay may over-estimate the grade of the reef.

The formation of Dumble reef is interpreted to relate to a fault which cuts across the rock units, hence there is potential for repeat systems elsewhere in the goldfield.

Competent Persons' Statement

Any information in this public report that relates to Ore Reserves, Exploration Results and Mineral Resources is based on, and accurately reflects, information compiled by Rob McLean for the Kangaroo Flat Mine and Matt Daly for the Henty Gold Mine in relation to Ore Reserves, and Rodney Fraser for the Kangaroo Flat Mine and Angela Lorrigan for the Henty Gold Mine in relation to Exploration Results and Mineral Resources. McLean, Daly and Lorrigan are Members of the Australasian Institute of Mining and Metallurgy and Fraser is a Member of the Australian Institute of Geoscientists. McLean, Daly, Lorrigan and Fraser are full time employees of the Company and have more than five years experience in the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. McLean, Daly, Lorrigan and Fraser have given prior written consent, where required, to the inclusion in this report of the matters based on their respective information, where applicable, in the form and context in which it appears.

