

RESOURCES AND RESERVES STATEMENT

The following statement of Mineral Resources and Ore Reserves conforms to the Australasian Code for Reporting Exploration, Mineral Resources and Ore Reserves (JORC code) 2004 Edition. The Mineral Resources are inclusive of those Mineral Resources modified to produce the Ore Reserves. All tonnages reported are dry metric tonnes. Minor discrepancies may occur due to rounding to appropriate significant figures.

Mineral Resources

	Mineral Resources Estimate at 30 June 2009											
	Measured			Indicated			Inferred			Total		
	kt	g/t gold	koz	kt	g/t gold	koz	kt	g/t gold	koz	kt	g/t gold	koz
Kangaroo Flat	-	-	-	130	9	36	185	7	43	315	8	79
Henty	-	-	-	350	7.5	85	90	5.6	16	440	7.1	101
Total Company	-	-	-	480	8	121	275	7	59	755	7	180

Competent Persons' Statement

The information in this public report that relates to Exploration Results and Mineral Resources is based on, and accurately reflects, information compiled by Mr Rodney Fraser for the Kangaroo Flat Mine and Mr Raul Hollinger for the Henty Gold Mine. Mr Fraser is a Member of the Australian Institute of Geoscientists. Mr Hollinger is a Member of both the Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Both Mr Hollinger and Mr 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. Both Mr Fraser and Mr Hollinger have given prior written consent to the inclusion in this report of the matters based on their respective information in the form and context in which it appears.

Notes

• Kangaroo Flat
Four methods have been utilised to estimate Mineral Resources at Kangaroo Flat: 1. Inverse distance with a top cut value of 150 g/t gold; 2. Polygonal method based on scorecard grade estimates; 3. Nearest neighbour method based on scorecard grade estimates; and 4. Historic and recent mining experience within the reef supported by production data.

The Mineral Resources estimated using methods 2, 3 and 4 have adopted the median value within a grade range of +/- 2 g/t gold for reporting purposes.

Methods 2 and 3 are based on a combination of assays and physical characteristics for the mineralisation within each drill hole intercept. A scale of values or "scores" have been determined for the combination of assays and the quartz textures, sulphide mineralisation and gold occurrence of each drill hole intercept within the resource. The score is referenced to a grade range based on operating experience. A range of +/- 2 g/t gold is adopted to indicate the uncertainty inherent in the method. A bulk density of 2.7 has been applied. Due to the nature of mineralisation, no cut-off grade was applied in the estimation of resources

Further details on the estimation methods used at Kangaroo Flat may be found in the 'Operations – Resources and Reserves' section of the Company's web site: www.bendigomining.com.au.

• Henty
Estimation of Mineral Resources at Henty utilise diamond drill assays from within mineralised zones. All samples are composited to 1 metre intervals within the geological boundaries, with top cuts applied to all datasets. Mineral Resource grade estimates were derived by ordinary kriging. A bulk density of 2.8 has been applied.

Ore Reserves

	Proved and Probable Reserves Estimate at 30 June 2009								
	Proved			Probable			Total		
	kt	g/t gold	koz	kt	g/t gold	koz	kt	g/t gold	koz
Kangaroo Flat	-	-	-	144	6	30	144	6	30
Henty	-	-	-	375	6.5	78	375	6.5	78
Total Company	-	-	-	519	6	108	519	6	108

Competent Persons' Statement

The information in this public report that relates to Ore Reserves is based on, and accurately reflects, information compiled by Mr Rob McLean for the Kangaroo Flat Mine and Mr Matt Daly for the Henty Gold Mine. Both Mr McLean and Mr Daly are Members of the Australasian Institute of Mining and Metallurgy. Both Mr McLean and Mr Daly 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. Mr McLean and Mr Daly have given prior written consent to the inclusion in this report of the matters based on their information in the form and context in which it appears.

Notes

Probable Ore Reserves have been estimated by creating planned practical mining shapes appropriate for the Indicated Resources. The design of these shapes is based on guidelines for minimum mining widths which vary according to the width of the mineralised zone and the planned mining method.

The recoverable Mineral Resources and planned dilution within each mining shape provides the tonnage and grade estimate for that shape.

Factors are also applied for each mining method with respect to external dilution. This dilution is incorporated into the tonnage and grade estimate.

Economic criteria including a gold price of A\$1150 per ounce and current site unit costs for mining, processing and administration, adjusted for specific conditions, are applied to each diluted Mineral Resource to test its viability prior to inclusion within the Ore Reserve estimate.

