

Reserves and resources

Mineral reserves and mineral resources estimates contained in this report have been calculated as at 31 December 2010 in accordance with National Instrument 43-101 as required by Canadian securities regulatory authorities, unless otherwise stated. Canadian Institute of Mining, Metallurgy and Petroleum (CIM) definitions were followed for mineral reserves and resources. Calculations have been reviewed, verified (including estimation methodology, sampling, analytical and test data) and compiled by ABG personnel under the supervision of ABG Qualified Persons: Nic Schoeman, Director of Technical Services, Richard Adofo, Corporate Manager, Geology and Robert van der Westhuizen, Corporate Mine Planning Manager. However, the figures stated are estimates and no assurances can be given that the indicated quantities of metal will be produced.

Mineral reserves have been calculated using an assumed long-term average gold price of US\$1,000.00 per ounce, a silver price of US\$16.00 per ounce and a copper price of US\$2.00 per pound. Reserve calculations incorporate current and/or expected mine plans and cost levels at each property. Mineral resources have been calculated using an assumed long-term average gold price of US\$1,200.00 per ounce, a silver price of US\$19.00 per ounce and a copper price of US\$2.50 per pound. Resources have been estimated using varying cut-off grades, depending on the type of mine or project, its maturity and ore types at each property. Reserve estimates are dynamic and are influenced by changing economic conditions, technical issues, environmental regulations and any other relevant new information and therefore these can vary from year to year. Resource estimates can also change and tend to be influenced mostly by new information pertaining to the understanding of the deposit and secondly the conversion to ore reserves. In addition, estimates of inferred mineral resources may not form the basis of an economic analysis and it cannot be assumed that all or any part of an inferred mineral resource will ever be upgraded to a higher category. Therefore, investors are cautioned not to assume that all or any part of an inferred mineral resource exists, that it can be economically or legally mined, or that it will ever be upgraded to a higher category. Likewise, investors are cautioned not to assume that all or any part of measured or indicated mineral resources will ever be upgraded to mineral reserves.

Tulawaka mineral reserves and resources are stated as ABG's 70% attributable portion.

The Nyanzaga mineral reserves and mineral resources estimates contained in this report are based on the inferred resource declaration made by Tusker Gold Limited in June 2009, which was calculated in accordance with the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves 2004 edition.

Definitions

A mineral resource is a concentration or occurrence of diamonds, natural solid inorganic material, or natural solid fossilised organic material including base and precious metals, coal, and industrial minerals in or on the Earth's crust in such form and quantity and of such a grade or quality that it has reasonable prospects for economic extraction. The location, quantity, grade, geological characteristics and continuity of a mineral resource are known, estimated or interpreted from specific geological evidence and knowledge. Mineral resources are sub-divided, in order of increasing geological confidence, into inferred, indicated and measured categories.

An inferred mineral resource is that part of a mineral resource for which quantity and grade or quality can be estimated on the basis of geological evidence and limited sampling and reasonably assumed, but not verified, geological and grade continuity. The estimate is based on limited information and sampling gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes.

An indicated mineral resource is that part of a mineral resource for which quantity, grade or quality, densities, shape and physical characteristics, can be estimated with a level of confidence sufficient to allow the appropriate application of technical and economic parameters, to support mine planning and evaluation of the economic viability of the deposit. The estimate is based on detailed and reliable exploration and testing information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes that are spaced closely enough for geological and grade continuity to be reasonably assumed.

A measured mineral resource is that part of a mineral resource for which quantity, grade or quality, densities, shape and physical characteristics are so well established that they can be estimated with confidence sufficient to allow the appropriate application of technical and economic parameters, to support production planning and evaluation of the economic viability of the deposit. The estimate is based on detailed and reliable exploration, sampling and testing information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes that are spaced closely enough to confirm both geological and grade continuity.

Mineral resources which are not mineral reserves do not have demonstrated economic viability.

A mineral reserve is the economically mineable part of a measured or indicated mineral resource demonstrated by at least a preliminary feasibility study. This study must include adequate information on mining, processing, metallurgical, economic and other relevant factors that demonstrate, at the time of reporting, that economic extraction can be justified. A mineral reserve includes diluting materials and allowances for losses that may occur when the material is mined. Mineral reserves are subdivided in order of increasing confidence into probable mineral reserves and proven mineral reserves.

A probable mineral reserve is the economically mineable part of an indicated and, in some circumstances, a measured mineral resource demonstrated by at least a preliminary feasibility study. This study must include adequate information on mining, processing, metallurgical, economic and other relevant factors that demonstrate, at the time of reporting, that economic extraction can be justified.

A proven mineral reserve is the economically mineable part of a measured mineral resource demonstrated by at least a preliminary feasibility study. This study must include adequate information on mining, processing, metallurgical, economic and other relevant factors that demonstrate, at the time of reporting, that economic extraction is justified.

Mine gold reserves & resources

Mine	Classification	2010			2009		
		Tonnes (000's)	Grade Au (g/t)	Ounces (000's)	Tonnes (000's)	Grade Au (g/t)	Ounces (000's)
Bulyanhulu	Proven and probable	29,342	11.687	11,026	25,066	12.806	10,320
	Mineral resource	11,062	8.096	2,879	10,297	10.829	3,585
	Inferred	8,814	11.804	3,345	6,679	14.712	3,159
Buzwagi	Proven and probable	55,582	1.619	2,892	65,873	1.606	3,401
	Mineral resource	18,079	0.971	564	18,664	1.154	692
	Inferred	6,284	1.215	246	6,692	1.245	268
North Mara	Proven and probable	27,623	3.194	2,836	28,944	3.169	2,949
	Mineral resource	18,638	3.059	1,833	7,992	3.351	861
	Inferred	1,859	1.893	113	1,312	2.822	119
Tulawaka (70%)	Proven and probable	320	6.527	67	368	7.913	94
	Mineral resource	518	5.405	90	174	5.785	32
	Inferred	94	4.976	15	0.6	17.837	0.3
Total	Proven and probable	112,867	4.636	16,821	120,251	4.336	16,764
	Mineral resource	48,297	3.456	5,367	37,127	4.332	5,170
	Inferred	17,052	6.783	3,719	14,684	7.512	3,547

Exploration property gold reserves & resources

Mine	Classification	Tonnes (000's)	Grade Au (g/t)	Ounces (000's)	Tonnes (000's)	Grade Au (g/t)	Ounces (000's)
Nyanzaga	Proven and probable	–	–	–	–	–	–
	Mineral resource	2,781	3.500	313	1,377	3.614	160
	Inferred	7,690	2.630	650	3,978	2.596	332

Contained copper reported within gold reserves & resources

Mine	Classification	Tonnes (000's)	Grade Cu (g/t)	Pounds (000's)	Tonnes (000's)	Grade Cu (g/t)	Pounds (000's)
Bulyanhulu	Proven and probable	29,342	0.662	428,346	25,066	0.696	384,597
	Mineral resource	11,062	0.541	131,887	10,297	0.664	150,620
	Inferred	8,738	0.745	143,550	6,619	0.879	128,288
Buzwagi	Proven and probable	51,569	0.125	141,687	65,873	0.116	169,071
	Mineral resource	18,079	0.082	32,828	18,664	0.097	39,783
	Inferred	6,284	0.080	11,019	6,692	0.086	12,757
Total	Proven and probable	80,911	0.320	570,033	90,939	0.276	553,668
	Mineral resource	29,140	0.256	164,715	28,961	0.298	190,403
	Inferred	15,023	0.467	154,569	13,311	0.481	141,045

Contained silver reported within gold reserves & resources

Mine	Classification	Tonnes (000's)	Grade Ag (g/t)	Ounces (000's)	Tonnes (000's)	Grade Ag (g/t)	Ounces (000's)
Bulyanhulu	Proven and probable	29,342	9.340	8,812	25,066	9.863	7,949
	Mineral resource	11,062	7.251	2,579	10,297	9.238	3,058
	Inferred	8,738	10.273	2,886	6,619	12.014	2,557

2010 detailed proven and probable reserves

Mine gold reserves

Mine	Classification	Tonnes	Grade Au (g/t)	Contained Au (oz)
Bulyanhulu	Proven	1,197,565	11.052	425,527
	Probable	28,144,863	11.714	10,600,087
	Total (P+P)	29,342,427	11.687	11,025,615
Buzwagi	Proven	4,204,245	1.121	151,575
	Probable	51,377,447	1.659	2,740,674
	Total (P+P)	55,581,692	1.619	2,892,249

Reserves and resources continued

2010 detailed proven and probable reserves continued

Mine gold reserves continued

Mine	Classification	Tonnes	Grade Au (g/t)	Contained Au (oz)
North Mara	Proven	8,530,496	2.618	718,085
	Probable	19,092,203	3.451	2,118,286
	Total (P+P)	27,622,699	3.194	2,836,371
Tulawaka (70%)	Proven	199,919	4.254	27,343
	Probable	120,336	10.302	39,858
	Total (P+P)	320,256	6.527	67,201
Total mine gold reserves	Proven	14,132,225	2.911	1,322,530
	Probable	98,734,848	4.882	15,498,906
	Total (P+P)	112,867,073	4.636	16,821,436

Contained copper reported within gold reserves

Mine	Classification	Tonnes	Grade Cu (%)	Contained Cu (lbs)
Bulyanhulu	Proven	1,197,565	0.413	10,915,583
	Probable	28,144,863	0.673	417,430,593
	Total	29,342,427	0.662	428,346,176
Buzwagi	Proven	191,188	0.122	516,299
	Probable	51,377,447	0.125	141,170,708
	Total	51,568,634	0.125	141,687,007
Total copper reported within gold reserves	Proven	1,388,752	0.373	11,431,882
	Probable	79,522,309	0.319	558,601,302
	Total	80,911,061	0.320	570,033,183

Contained silver reported within gold reserves

Mine	Classification	Tonnes	Grade Ag (g/t)	Contained Ag (oz)
Bulyanhulu	Proven	1,197,565	7.719	297,216
	Probable	28,144,863	9.409	8,514,380
	Total (P+P)	29,342,427	9.340	8,811,596

2010 detailed measured and indicated resource

Mine gold resource (measured and indicated, exclusive of reserves)

Mine	Classification	Tonnes	Grade Au (g/t)	Contained Au (oz)
Bulyanhulu	Measured	-	-	-
	Indicated	11,061,822	8.096	2,879,256
	Total (M+I)	11,061,822	8.096	2,879,256
Buzwagi	Measured	74,329	1.276	3,049
	Indicated	18,004,326	0.970	561,365
	Total (M+I)	18,078,655	0.971	564,414
North Mara	Measured	2,522,712	2.430	197,061
	Indicated	16,115,749	3.158	1,636,288
	Total (M+I)	18,638,460	3.059	1,833,349
Tulawaka (70%)	Measured	-	-	-
	Indicated	518,393	5.405	90,080
	Total (M+I)	518,393	5.405	90,080
Total mine resource (M+I)	Measured	2,597,040	2.397	200,110
	Indicated	45,700,290	3.517	5,166,988
	Total (M+I)	48,297,331	3.456	5,367,098

2010 detailed measured and indicated resource continued

Contained copper reported within gold resources

Mine	Classification	Tonnes	Grade Cu (g/t)	Contained Cu (lbs)
Bulyanhulu	Measured	–	–	–
	Indicated	11,061,822	0.541	131,887,152
	Total (M+I)	11,061,822	0.541	131,887,152
Buzwagi	Measured	74,329	0.107	174,528
	Indicated	18,004,326	0.082	32,653,609
	Total (M+I)	18,078,655	0.082	32,828,137
Total copper reported within gold resources	Measured	74,329	0.107	174,528
	Indicated	29,066,148	0.257	164,540,761
	Total (M+I)	29,140,477	0.256	164,715,289

Contained silver reported within gold resource

Mine	Classification	Tonnes	Grade Ag (g/t)	Contained Ag (oz)
Bulyanhulu	Measured	–	–	–
	Indicated	11,061,822	7.251	2,578,615
	Total (M+I)	11,061,822	7.251	2,578,615

2010 detailed mine inferred resource

Mine gold inferred resource

Mine	Classification	Tonnes	Grade Au (g/t)	Contained Au (oz)
Bulyanhulu	Inferred	8,814,392	11.804	3,345,173
Buzwagi	Inferred	6,284,159	1.215	245,554
North Mara	Inferred	1,859,378	1.893	113,149
Tulawaka (70%)	Inferred	93,859	4.976	15,016
Total mine inferred resource	Total Inferred	17,051,787	6.783	3,718,893

Contained copper reported within inferred gold resources

Mine	Classification	Tonnes	Grade Cu (g/t)	Contained Cu (lbs)
Bulyanhulu	Inferred	8,738,492	0.745	143,549,747
Buzwagi	Inferred	6,284,159	0.080	11,019,052
Total copper reported within gold resources	Inferred	15,022,651	0.467	154,568,799

Contained silver reported within inferred gold resource

Mine	Classification	Tonnes	Grade Au (g/t)	Contained Au (oz)
Bulyanhulu	Inferred	8,738,492	10.273	2,886,196

Detailed exploration property resource

Exploration property resource (M+I)

Mine	Classification	Tonnes	Grade Au (g/t)	Contained Au (oz)
Nyanzaga	Measured	–	–	–
	Indicated	2,781,000	3.50	313,000
	Total (M+I)	2,781,000	3.50	313,000

Exploration property resource (inferred)

Mine	Classification	Tonnes	Grade Au (g/t)	Contained Au (oz)
Nyanzaga	Inferred	7,689,500	2.630	650,000
Total Inferred	Total Inferred	7,689,500	2.630	650,000