



THE MINING RECORD™

www.miningrecord.com

Vol. 117, No. 2

February 2006

Denver, Colorado, USA

THE INDUSTRY'S LEADING NEWSPAPER SINCE 1889



INTERNATIONAL INFORMATION SOURCE FOR CURRENT MINING NEWS

ARIZONA

American Bonanza Reports Mineral Resource At Copperstone

VANCOUVER - American Bonanza Gold Corp. reported preliminary results of a National Instrument 43-101 ("NI 43-101") compliant resource estimate for its Copperstone underground gold project in Arizona. Bonanza owns 100% of this project that has considerable potential to be much larger in light of increasing gold grades at depth. A summary of the estimate, effective January, 2006 as prepared by AMEC E & C Services Inc. is shown in Table 1.

The Table 1 resource estimate is based on a 5.1 gram of gold per tonne cutoff grade. Mine design optimization studies examining various methods of mining and stope design are on going, along with exploration studies designed to expand the resource.

Brian Kirwin, Chief Executive Officer and President of Bonanza noted, "The AMEC study has confirmed the wide open nature of the down dip extent of Highwall, C and D zones that was previously

Zones	Classification	Tonnes	Average Grade (grams/tonne Gold)	Contained Ounces of Gold
A, B, C and D	Measured + Indicated	970,400	11.83	334,929
A, B, C and D	Inferred	189,600	10.87	66,266

implied by Bonanza's drilling. The potential to significantly add resources in these areas is apparent, and we are very excited about the prospects of realizing this potential. We have concluded after our extensive review that by conducting further drilling with the aim of adding additional resources to the current resource base we could further enhance Copperstone's economic model. We are excited at the prospect of further developing the project in view of the strong gold price profile we believe exists going forward."

The higher grade Measured, Indicated and Inferred Resources in Table 1 are included within a larger envelope of lower grade Measured, Indicated and Inferred Resources that

was estimated by AMEC based upon a lower cutoff grade of 1.71 gram of gold per tonne as listed in Table 2. This larger resource indicates the potential that lies along strike and down dip in this strongly mineralized

Zones	Classification	Tonnes	Average Grade (grams/tonne Gold)	Contained Ounces of Gold
A, B, C and D	Measured + Indicated	2,424,100	5.61	436,896
A, B, C and D	Inferred	532,800	5.22	89,445

system.

Bonanza has concluded that the work currently being performed by AMEC will be better optimized by converting the scope of the report from a Pre-Feasibility study to a Preliminary Assessment. In

addition to estimating these currently announced resources, a Preliminary Assessment will; (a) formalize the large amount of quality work and data compiled to date, (b) provide a clear picture of those areas with the

potential to add resources, (c) create a plan to drill test those targets and (d) establish a preliminary economic analysis of Copperstone.

A new three dimensional geologic exploration model is being prepared at Copperstone,

which will represent a breakthrough for exploration under the aeolian sands which cover the property.

This new exploration model is based on pit mapping, underground mapping, a substantial amount of new drilling, geophysical data and structural modeling, and will guide planned drilling to further expand the resource. Completion of the new exploration model is expected during the first quarter of 2006.

The company's address is Suite 305 - 675 West Hastings Street, Vancouver, BC V6B 1N2, (604) 688-7523, fax: (604) 681-0122, email: info@americanbonanza.com, www.americanbonanza.com.