



4th May 2010

Current Issued Capital:
196,860,062 Ordinary Shares

Market Cap
at 22 cents: \$43m

Gold plant at Brightstar begins operating at designed Capacity

Highlights

- Commissioning of CIL plant completed at A1's Brightstar gold project, and plant has now achieved its rated capacity and design specifications.
- Gold production has commenced with production scheduled at 30,000 ounces per annum from 300 K tpa throughput.
- Final 'commissioning' gold pour of 10.6 kg Au brings total to 34.1 kg during commissioning stage.

A1 Minerals is pleased to announce that the gold plant at its Brightstar project has recently achieved its designed capacity of 300ktpa, to produce circa 30,000 oz Au per annum.

The CIL plant was commissioned last Friday and is expected to be operating reliably as per design.

Gold Pour

A1 Minerals had another gold pour last week which produced 10.6 kg (~ 339 oz) of unrefined gold. This is the last of the 'commissioning' pours which takes the total amount produced to 34.1 kg (~1,089 oz).

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Photo: A1 Minerals CFO (Albert Longo) holding a 10.6kg unrefined gold bar

Now that the plant is in production, A1 Minerals looks forward to taking advantage of recent strength in the gold price and generating strong cash flow from its high grade ore at Beta.

For further information, please email myself or Liam Wheaton from Investor Relations on LiamW@a1minerals.com.au or visit the website.

John Williams Managing Director – A1 Minerals Limited

For full reports and information go to A1 Minerals website: www.a1minerals.com.au or **ASX Code: AAM**

The information in this report which relates to the Brightstar Gold Project is based on information compiled by Mr John Williams who is a member of the Australasian Institute of Mining and Metallurgy and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the mining method undertaken to qualify as a Competent Person as defined in the JORC Code (2004). Mr John Williams is a full time employee of A1 Minerals Ltd and consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

BACKGROUND INFORMATION ON A1 MINERALS LIMITED

A1 Minerals Limited (A1) is an emerging Australian gold miner with its 100% owned BrightStar Gold Project currently in development. The BrightStar is situated in the highly prospective Laverton district in the Eastern Goldfields of Western Australia, a region with a rich history of gold production that is demonstrating scope for significant new gold deposits. Mines developed in recent years include Barrick Gold's Wallaby/Granny Smith and AngloGold Ashanti's Sunrise Dam gold operations. Since listing on the ASX in December 2003, A1 Minerals (ASX: AAM) has grown its assets through prudent acquisition and successful exploration to a total ground holding of more than 2500 square kilometres; JORC Resources of more than 1.7Moz gold including JORC Reserves of more than 150,000oz gold; and its own gold treatment plant. The BrightStar Gold Project is expected to produce a minimum of 30,000oz gold per annum for at least 4 years.

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