

ASX Announcement



15th July 2010

Current Issued Capital:

196,860,600 Ordinary Shares

Market Cap

at 16.0 cents: \$31.5m

BRIGHTSTAR UPDATE

- Gold Increases to 384oz for 1st week of July
- Ore grade increased to 3.3g/t
- Currently accessing richest part of the orebody

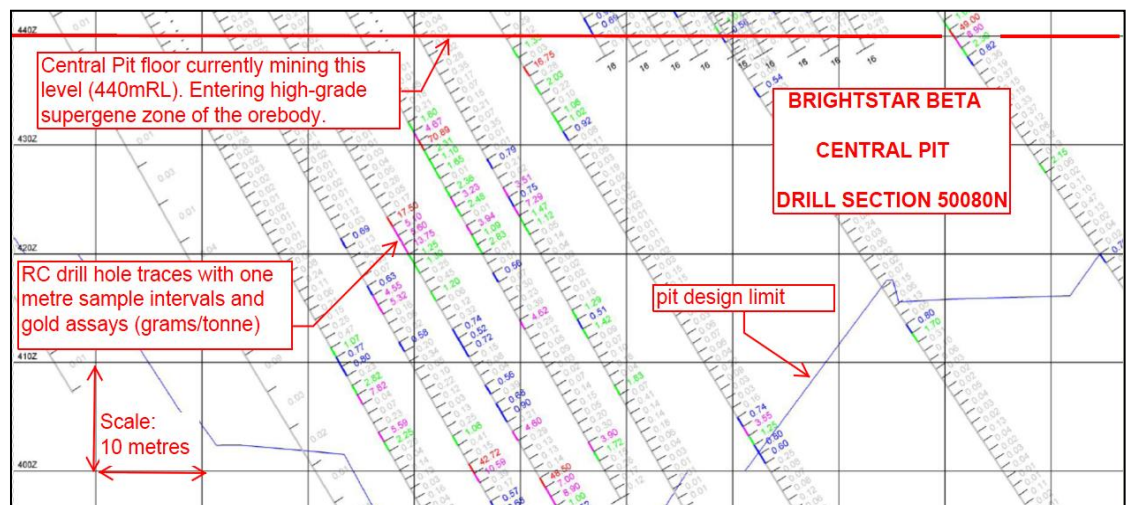
Latest estimates for gold produced during the first week of July increased to 384oz from 300oz (actual) in the previous week in line with the increasing availability of dry ore for blending.

A total of 3,846 dry tonnes at a head grade of 3.3g/t was milled despite shut downs for planned maintenance and wet weather affecting throughputs.

The 4th of July represented the best production day to date recovering an estimated 3.4 kilograms of gold from 779 tonnes @ 4.51g/t.

Mining has progressed to the 44mRL and is now commencing to access the richest part of the main Beta orebody. This is the 'supergene zone' where the ore body becomes significantly wider and higher grade due to a blanket of secondary gold mineralisation which occurs in the weathering profile.

Figure.1 drill section (50080mN) showing supergene enriched gold grades currently being accessed



There is now more continuity of ore supply to the plant by access to the supergene ore zone which is expected to be beyond the limits of the current designed pit. Cash flow is also expected to significantly increase from the higher gold grades being mined.

A1 Minerals Limited

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Improvements to short term scheduling are also currently being implemented to ensure the supply of ore to the plant. In Central Pit the water level is being lowered ahead of mining and mine management is addressing drill and blasting delays. Stockpiles of good ore will be increased on the ROM pad.

Dry ore (for blending with damp Central Pit ore) is currently being sourced from the North Pit which is currently averaging around 2.3g/t gold and around 20g/t per tonne silver. Approximately 95% gold and 20% silver is recovered with the current CIP process. Silver assays of up to 5oz per tonne are being encountered in RC grade control drilling.

A Process Engineer is currently on site to improve throughput rates and he will also evaluate the potential to extract more of the silver from the ore.

Table 1. Brightstar Gold Project Production Figures for 1st week of July 2010

JULY	Mill Feed	Leach Feed		Tails Grade		Leach Recovery
Date	Tonnes	g/t	grams	g/t	grams	%
1	412	2.34	963.7	0.12	48.00	95.0
2	551	1.63	899.64	0.14	76.51	91.5
3	388	2.86	1110.08	0.11	41.66	96.3
4	779	4.38	3414.62	0.13	98.72	97.1
5	441	3.33	1469.97	0.15	65.18	95.6
6	544	3.51	1912.66	0.19	101.49	94.7
7	731	2.96	2161.03	0.44	318.26	85.3
Total	3846	3.10	11931.7	0.18	749.82	94.1

July 1st -7th Gold Production

Total tonnes milled	3,846	t
Ore head grade	3.30	g/t
Average Throughput	549	tpd
Average Plant Recovery	94.1	%
Estimated Gold Recovered	384	oz

Sincerely,

John Williams
Managing Director

For further information
contact John Williams on Ph: (08) 92441400 or Email: contact@a1minerals.com.au

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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 full production. BrightStar is situated in the highly prospective Laverton district in the Eastern Goldfields of Western Australia, a frontier for new gold deposits, some of which have become world class mines, including Barrick's Wallaby/Granny Smith and AngloGold Ashanti's Sunrise Dam gold operations. Since successfully listing on the ASX in December 2003, A1 Minerals (ASX: AAM) has grown its assets through prudent acquisition and successful exploration. In May 2010 the Brightstar Beta gold plant commenced production and is targeting a minimum of 30,000oz gold per annum.

Table of Mineral Resources Estimates (Updated 30th June 2010)

	Measured			Indicated			Inferred			TOTAL		
LOCATION	Tonnes	g/t	grams	Tonnes	g/t	grams	Tonnes	g/t	grams	Tonnes	g/t	grams
ALPHA	178,900	3.8	679,820	311,900	2.7	842,130	631,400	4.2	2,651,880	1,122,200	3.7	4,152,140
BETA	68,900	4.0	275,600	628,900	3.9	2,452,710	1,064,900	5.2	5,537,480	1,762,700	4.5	7,932,150
GAMMA							27,600	3.4	93,840	27,600	3.4	93,840
DELTA				4,152,100	2.3	9,549,830	3,403,900	3.8	12,934,820	7,556,000	3.0	22,668,000
EPSILON				1,774,900	1.8	3,194,820	1,163,900	2.3	2,676,970	2,938,800	2.2	6,465,360
TOTAL	247,800	3.9	955,420	6,867,800	2.3	16,039,490	6,291,700	3.8	23,894,990	13,407,300	3.1	41,311,490

All data is rounded and discrepancies in summation may occur.

Table 2, which is updated to 30 June 2010, takes into account resources which have been diminished only through tenement swaps and sales since April 2009 including the 'Zeta tenement'(287,516oz) and the 'Eta- No Mistake'(36,225oz) tenement. The estimates are based on the statement of Mineral Resources for the Brightstar Gold Project in April 2009.

The information that relates to Mineral Resources for the Brightstar Gold Project is based on A1 Minerals Statement of Mineral Resources for the Brightstar Gold Project (April 2009) which is based on the information compiled by Mr Anthony Ryall who is an independent consulting geologist and 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 activity undertaken to qualify as a Competent Person as defined in the JORC Code (2004). Mr Anthony Ryall has provided Competent Person sign-off for the quality and representativity of the drill hole data, geological interpretations, resource estimation procedures and results.

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Table of Probable Ore Reserve Estimates (as at April 2009)

LOCATION	PROBABLE ORE	IN SITU GOLD (grams)	GOLD RECOVERY (Ounces)
ALPHA	74,205t @ 5.1g/t gold	378,445	11,560
BETA	348,716t @ 4.11g/t gold	1,433,223	43,780
DELTA	470,000t @ 4.0g/t gold	1,880,000	57,428
EPSILON	233,133t @ 4.6g/t gold	1,224,211	37,396
TOTAL	1,159,054 @ 4.2g/t Gold	4,915,879	150,164

All data is rounded and small discrepancies will occur

PLEASE NOTE: These are probable reserve estimates. Also the Company has recently undergone the transition from explorer to miner and geological as well as metallurgical understanding and databases is subsequently significantly increasing the knowledge and understanding of the deposits which may result in changes to these estimates. Other factors which may change current estimates are changing extraction factors and techniques; metallurgical factors; ore reconciliations through the plant as well as changing economic conditions.

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