

# CRAGGIEMORE Significant Upgrade Mineral Resource

3 April 2008

By Electronic Lodgement

Company Announcements Office  
Australian Stock Exchange Limited  
2 The Esplanade  
PERTH WA 6000

ASX Code: *CRE*  
TSX Code: *CRA*  
FFT Code: *CRE5*

**SHARE INFORMATION**

ASX Share Price: *A\$0.30*  
Issued Shares: *589.8m*  
Market Cap: *A\$174.0m*  
Options unlisted: *30.2m*

**FULLY DILUTED BASIS**

Shares: *620.0m*

**RESOURCES**

Indicated: *0.97m ozs*  
*21.3mt*  
*1.5g/t*  
Inferred: *0.49m ozs*  
*10.5mt*  
*1.4g/t*

**RESERVES**

Probable: *0.40m ozs*  
*7.6mt*  
*1.7g/t*

**RESOURCE**

Market Cap/oz: *A\$119/oz*  
EV / oz: *A\$60/oz*

**RESERVE**

Market Cap/oz: *A\$441/oz*  
EV / oz: *A\$223/oz*

**CONTACT DETAILS**

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**MINERAL RESOURCE UPGRADE – 1.5Mt @ 1.6 g/t Au**

The Company is pleased to announce a significantly increased and upgraded Mineral Resource estimate for the Craggiemore deposit located within Crescent's Laverton Gold Project.

The Mineral Resource estimate for Craggiemore contains 1.5 Mt at 1.6 g/t Au for 77,000 ounces of contained gold using a 0.5 g/t cut-off (combined Measured and Indicated categories). An additional 0.1 Mt @ 1.6 g/t Au of Inferred Resources has been defined where drilling is more widely spaced.

This compares with the previously published estimate of 390,000 tonnes @ 3 g/t Au of Inferred Resources for Craggiemore (38,000 ounces).

Resource Category	Tonnes	Au Grade (g/t)	Contained Au (Troy Oz)
Measured Resource	90,000	1.7	4,800
Indicated Resource	1,400,000	1.6	72,000
Inferred Resource	110,000	1.4	4,900
<i>Measured + Indicated</i>	<i>1,500,000</i>	<i>1.6</i>	<i>77,000</i>

*Notes: 0.5 g/t Au cut-off; all numbers rounded to 2 significant figures*

**LOCATION OF CRAGGIEMORE**

The Craggiemore gold deposit is located approximately 5km south of Laverton, WA and 18 km southwest of the Laverton Gold Plant. Ore Reserve estimations are currently being completed and it is expected Craggiemore will provide an additional source of ore for the Laverton Mill.

A well executed RC and diamond drilling program at Craggiemore by the geology team has delivered an additional 84,000 ounces to our mineral resource inventory, and we are confident our focused exploration activities will continue to discover additional gold deposits around Laverton.

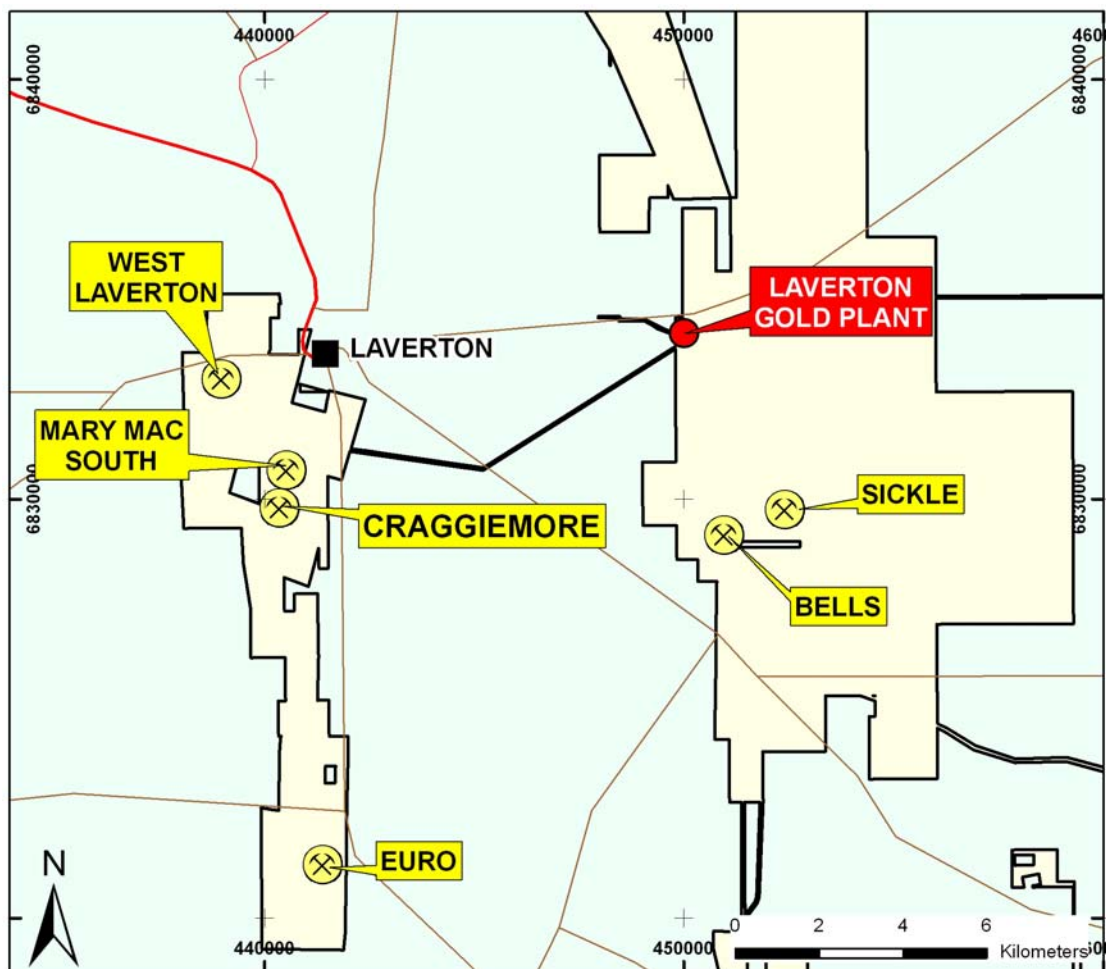
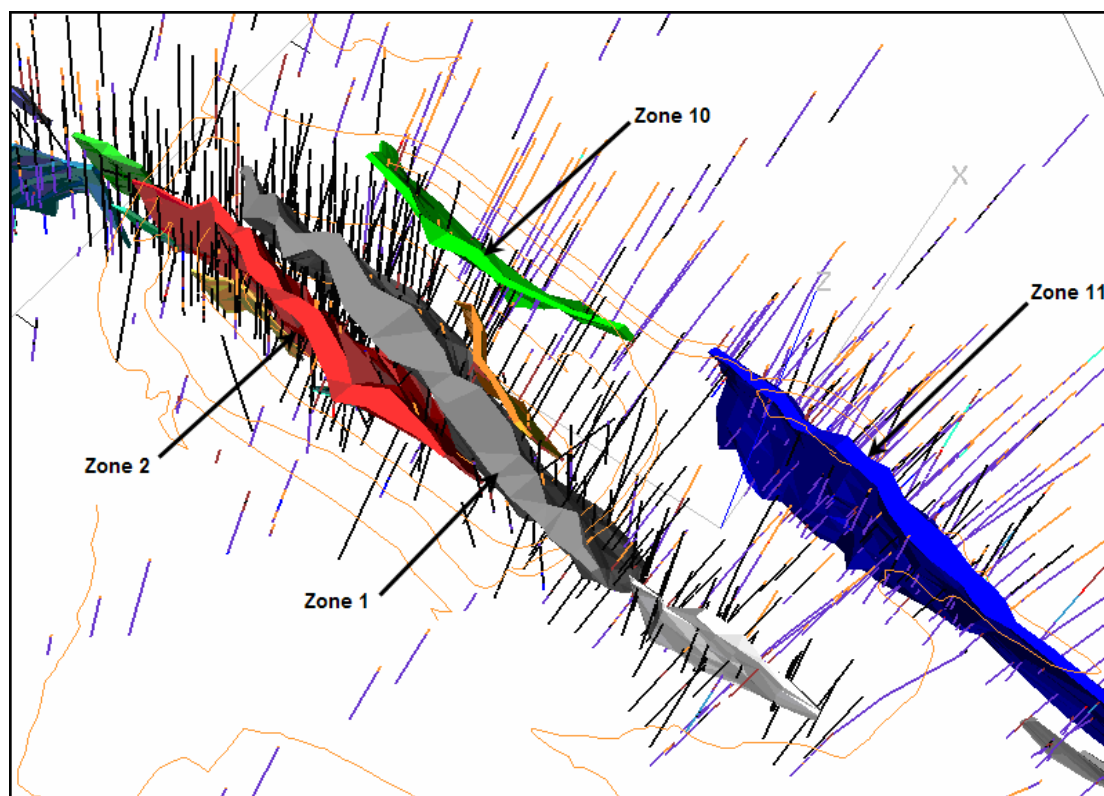


Figure 1. Craggiemore Location Plan

## GEOLOGY

The Craggiemore deposit occurs in an Archaean (age 2500 Ma) volcano-sedimentary sequence within the Laverton Shear Belt. Gold mineralisation is hosted within the structurally complex Banded Iron Formations (BIF) that strike NNE, and dip steeply to the east. The multiple BIF lodes are located between the interface between tholeiitic basalts on the west and a quartz diorite dyke to the east.

The main lode has a strike length of between 250m to 330m with a general thickness that ranges between 10m to 25m. Minor BIF occur in both the hangingwall and footwall of the major formation. Minor lodes tend to be less continuous than the major lode. There appears to be an increase in gold concentration along steep northerly plunging anticlines within the BIF. These anticlines display structural thickening related to compressional deformation.



**Figure 2. Isometric view showing drill holes and main lodes at Craggiemore**

### **PREVIOUS MINING AT CRAGGIEMORE**

Underground mining commenced at Craggiemore in 1896 and continued until 1912. Production totalling 139,000 tonnes at a head grade of 11.0g/t Au to a depth of 130m was reported. Ashton Mining carried out open pit mining between 1988 and 1992. A further 395,000 tonnes ore were reportedly mined at an average head grade of 3.0 g/t for 38,000 oz of contained gold.

### **RESOURCE ESTIMATION**

759 drill-holes comprising both RC and core drilling were incorporated into the resource estimate. Geological and resource block modelling was conducted using Datamine Studio software. The resource estimations carried out by Ravensgate employed the Ordinary Kriging method constrained within wireframes of each mineralised lode. The in-situ resources have been depleted to account for all previous open cast mining. Depletion is based on the latest aerial survey data together with the digitised pit bottom (~75m below surface), from Ashton Mining survey plans. The ore extracted by underground mining (1896 till 1912) have not been accounted for due to a lack of any historical stope void information. The overall volume of stoped material affecting the remaining resource is expected to be minor. The in-situ depleted resources are classified according to increasing geological confidence into the Inferred, Indicated and Measured resource categories.

These mineral resource estimates are derived from an independent Resource Report which has been compiled and prepared by Mr. D. Subramani and Mr. S. Hyland of Ravensgate. Mr. N. Leggo (CP/QP), has complied the reported estimates in accordance with the requirements of the JORC Code 2004 and the Canadian National Instrument 43-101 – Standards of Disclosure for Mineral Projects. The Craggiemore technical report will be posted on the SEDAR website shortly.

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## QUALITY ASSURANCE AND QUALITY CONTROL (QAQC)

QAQC documentation has been compiled and assessed by Mrs B. Barkla (Crescent) under the supervision of Mr. N. Leggo. Gold intersections reported have been verified by the company's QAQC protocols, which include routinely inserted standards and replicate field splits. All samples from Crescent drill holes were prepared by reputable laboratories, and pulverised to 90% passing 75 microns then analysed for gold using Fire Assay methods.

The Mineral Resources inventory for the Laverton Gold Project as at 30 June 2007:

Project	Tonnes (kt)	Indicated Grade (g/t)	Ounces	Tonnes (kt)	Inferred Grade (g/t)	Ounces
Sickle	6,240	1.7	343,000	2,400	1.3	105,000
Fish	500	4.2	68,000	160	3.7	19,000
West Laverton	2,111	1.8	124,000	1,351	2.4	105,000
Others	10,938	1.1	399,000	6,512	1.2	251,000
<b>Total</b>	<b>19,789</b>	<b>1.5</b>	<b>934,000</b>	<b>10,423</b>	<b>1.4</b>	<b>480,000</b>

### Additional Notes for Table

- This resource has subsequently been depleted by mining at Sickle
- Figures contained within table have been rounded. Gold grades are rounded to 1 decimal figure; both estimated tonnes and contained ounces are rounded to nearest 1000
- Abbreviations: kt = 1,000 tonnes, g/t = grams per tonne
- West Laverton Group includes resources for Mary Mac, West Laverton, Euro, Mary Mac South and Craggiemore.
- Others includes resources for Admiral Hill, Castaway, Grouse, Scotland Yet, Pieces of Eight, She's Right West, She's Right East, Scotland Yet, Jacks, Bogle, Bogle South, Bells, Ida H, Black Label, Lily Pond Well, Lord Byron, Burtville, Karridale

For further information please contact Kathleen O'Shea on +61 8 6380 7100 in Australia or Renee Brickner in Canada +1 604 802 6806.

Regards

### Crescent Gold Limited



**Roland Hill**  
Managing Director



**Julian Tambyrajah**  
CFO & Company Secretary

### Caution Regarding Forward Looking Statements

Some of the statements in this news release contain forward-looking information, which involves inherent risk and uncertainty affecting the business of Crescent. Actual events may differ materially from those currently anticipated in such statements. The TSE does not accept responsibility for the adequacy or accuracy of this release.

Detailed information on all aspects of the Company's exploration activities can be found on Crescent's website [www.crescentgold.com](http://www.crescentgold.com)

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Neal Leggo, who is a Member of the Australian Institute of Geoscientists. Neal Leggo has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" and a Qualified Person under "Canadian National Instrument 43-101 Standards of Disclosure for Mineral Projects". Neal Leggo consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. Neal Leggo is employed by Crescent Gold Limited.

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# NEWS

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## • RELEASE •

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Thursday 3 April 2008

### CRESCENT DOUBLES RESERVE AT KEY SATELLITE

### DEPOSIT FOR NEWLY PRODUCING W.A. GOLD MINE

One of Australia's new-age gold producers, Crescent Gold Limited, has announced a doubling of reserves at a key satellite deposit expected to feed into the Company's maiden production schedule.

Perth-based Crescent announced today that it had significantly increased and upgraded the Mineral Resource estimate for its Craggiemore deposit located within the Company's Laverton mining project north of Kalgoorlie.

The enhanced Mineral Resource, based on data from nearly 760 drill holes, estimates that Craggiemore contains 1.5 million tonnes (M/t) at 1.6 gram per tonne gold (g/t Au) for 77,000 ounces of contained gold using a 0.5 g/t cut-off for combined Measured and Indicated categories.

This compares with previously published estimates for Craggiemore of 390,000 tonnes @ 3 g/t Au of Inferred Resources for 38,000 ounces.

An additional 0.1 Mt @ 1.6 g/t Au of Inferred Resources has been defined where drilling at Craggiemore is more widely spaced.

The deposit is about twelve kilometres west of Crescent's flagship Sickle gold deposit at Laverton – the host pit for the Company's start to its maiden open pit mining and production operations earlier this year.

Craggiemore and Sickle are lead targets among more than two dozen deposits identified within Crescent's Laverton gold footprint as potential feed stock for its wholly-owned mill to the north of both locations.

#### **MEDIA CONTACT:**

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#### **CRAGGIMORE'S CURRENT RESOURCE STATUS**

Resource Category	Tonnes	Au Grade (g/t)	Contained Au (Troy Oz)
Measured Resource	90,000	1.7	4,800
Indicated Resource	1,400,000	1.6	72,000
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Notes: 0.5 g/t Au cut-off; all numbers rounded to 2 significant figures

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