

# Augur Resources Ltd.

Quarterly Activity Report ending 30 June 2009
(ASX: AUK)

July 21, 2009

# **OPERATIONAL HIGHLIGHTS**

#### **Key Outcomes**

- Large gold anomaly discovered in soils at Tullamore. A regional soils survey
  was conducted at the Lightning prospect to determine the extent of gold
  mineralisation within the Lightning prospect following previously reported
  significant gold in rock chips.
- Anomalously gold (up to 2.8 g/t gold), copper (up to 1.2% copper), platinum (up to 0.24 g/t platinum) and palladium (up to 0.56g/t palladium) identified in soils at Goodrich. A total of 36 deep soil samples were collected around the pits at Goodrich with an aim of identifying geochemical signatures of the Goodrich mineralisation and to aid in the planning of further drilling.
- Acquired the tenement Cavendish which is adjacent to the Lightning gold prospect in central NSW. The tenement is interpreted to contain a number of favourable structures which may have potential to host gold.
- Bottle roll testing over 63 days indicated that recoveries of nickel (82.9% recovery), cobalt (89.9% recovery), magnesium (83.7% recovery) and iron (58.8% recovery) were very favourable for the ultramafic sample (non-beneficiated) from the Homeville deposit. Acid consumption for each sample is regarded as high.

## **KEY PROJECTS**

#### Yeoval E.L. 6311

The Yeoval tenement covers an area of 147km² and has potential for a Cadia-Ridgeway or Northparkes style of porphyry copper-gold  $\pm$  molybdenum mineralisation, epithermal gold  $\pm$  silver mineralisation and magnetite rich copper-gold mineralisation. The primary areas of focus are the Yeoval Mine prospect, Goodrich prospect and ten further targets which are being systematically explored.

In early 2009, Augur Resources announced the maiden JORC Inferred Resource estimate for the Yeoval porphyry deposit of 12.9Mt at 0.38% copper, 0.14 g/t gold, 2.2 g/t silver and 120ppm molybdenum using a cut off of 0.2% copper. Using a cut off of 0.4% copper the Inferred Resource estimate is 4.5Mt at 0.56% copper, 0.19 g/t gold, 3.26 g/t silver and 162ppm molybdenum. The deposit remains open in a number of directions (including depth). In addition, further significant drill intersections south-east of the deposit have been made.

## Yeoval Mine Prospect

Further drill targets have been delineated at Yeoval after a review of all drill data suggested that the alteration system extends beyond the currently defined deposit. Drilling of these targets will commence later during the year.

#### **Goodrich South Prospect**

Goodrich South prospect is located to the south of the mining lease ML811 Goodrich. A significant soil copper geochemical anomaly with an associated magnetic "destructive zone" occurs at the site.

Drill targets at Goodrich South have been finalised and are planned for drilling in the next quarter.

#### Tullamore E.L. 6312

The Tullamore E.L. is located 20kms north of the largest historical platinum producing region in Australia, at Fifield. The tenement includes two areas of known gold mineralisation within volcanics/metasediments. These are the Tullamore goldfield and the Burra gold-tin-platinum field both associated with buried, near-surface intrusions. The Tullamore tenement contains the Lightning Gold Project area.

## **Lightning Gold Project**

During the quarter Augur Resources undertook an extensive soil sampling program in the region of the historical Lightning gold mine. This was the first know ground systematic survey of the region.

An area of approximately 1400 x 1300m was sampled at 50m intervals on 100m line spacing. Results have now been received and Augur Resources is pleased to announce that a large gold anomaly has been identified in the western portion of the project area. The anomaly is orientated north-south and has been identified over a length of approximately 525m. In the current sampling program, gold up to 155ppb was recorded within a background of approximately 4 ppb.

Modern exploration at Lightning prospect has been very limited. BHP undertook limited rock chipping and three trial soil lines as part of an option on the tenement during 1989. BHP reported results from three rock chip samples taken within one of the three shafts at the Lightning prospect, with gold results between 3.0 and 11.4 g/t. The three BHP soil lines returned up to 280 ppb gold. BHP had planned to drill at the prospect but cancelled the program due to wet conditions. BHP allowed the option on the property to lapse.

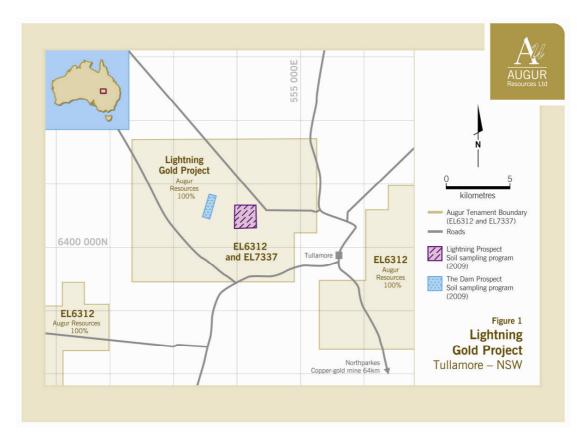


Figure 1: Location of the Lighting Gold Project, Tullamore Tenement

In addition to the large anomaly at Lightning prospect, a number of other anomalies were identified including an anomaly at the Hail prospect in the south of the survey area and an anomaly on the north eastern edge of the survey area near Ryan's prospect (Figure 2). The Hail prospect is of interest as BHP had drilled two holes to the west of the anomaly and intersected 4m at 3.95 g/t gold in one hole from 20m depth. The other hole returned a best intersection of 4m at 0.64 g/t gold from 40m depth.

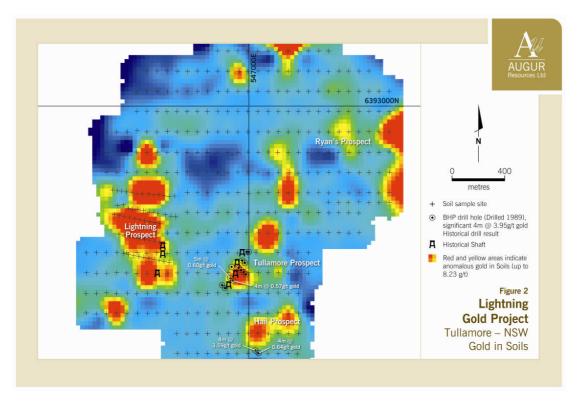


Figure 2: Gold in soils – Lighting Gold Project, Tullamore Tenement

Some additional soil sampling will be undertaken during July 2009.

Holes are currently being planned to drill test gold soil/rock chip anomalies at Lightning prospect, Hail prospect and at Ryan's prospect. Drilling is expected to commence in the next quarter.

#### Goodrich ML 811

The Goodrich ML 811 is located approximately 5km south west of the town of Yeoval. The Goodrich mine was historically a small high grade gold and copper mine. Drilling by previous explorers identified disseminated copper-gold adjacent to the mine and further zones of high grade gold and copper.

During the quarter a series of 34 deep soil samples were collected from sites evenly spaced around the perimeter of the pit. The aim of the soil sampling was to add modelling of targets and to given a fully understanding of the geochemical signature of the mineralisation.

Gold and copper results were expected to be high due to the proximity to the pit. Results returned up to 2.8 g/t gold, with 8 samples recording greater than 1 g/t gold and 15 samples returning greater than 0.5 g/t gold.

Of more significance is that a number of samples were anomalous for platinum (up to 0.24 g/t platinum) and palladium (up to 0.56g/t palladium). Historically, no testing of platinum and palladium has been undertaken at Goodrich. The potential for platinum and palladium at Goodrich will be explored during future drill programs.

#### Collerina E.L. 6336

The Collerina tenement is located 40km south of Nyngan in central NSW, covering an area of 300km² within the Fifield Platinum Province. The tenement contains the Homeville nickel-cobalt deposit (Inferred Resource of 12.2Mt @ 0.91% nickel and 0.06% cobalt), which was discovered by Augur Resources in 2008. Nickel grading over 1% has been drilled 660m along strike from the estimated resource.

During the June quarter Augur Resources received finalised results from initial metallurgical testing of the nickel-cobalt mineralisation at Homeville. Testing was undertaken on a composite saprolite sample and composite ultramafic sample. The samples were not beneficiated. Bottle roll testing over 63 days indicated that recoveries of nickel (82.9% recovery), cobalt (89.9% recovery), magnesium (83.7% recovery) and iron (58.8% recovery) were very favourable for the ultramafic, however recoveries form the saprolite were not regarded as favourable. Acid consumption for each sample was regarded as high.

Further short period (2 hour) leach testing indicated that recoveries of nickel and cobalt could be increased by increasing the temperature for both the saprolite and ultramafic and/or by using sulphide dioxide as a reagent during the leaching process.

This information will be used for developing further metallurgical test work which focuses on reducing acid consumption and increasing the recovery of nickel in the saprolite.

#### Weelah E.L. 6309

The Weelah tenement (150km²) is situated on the Cowal Volcanics and a splay of the "Gilmore Suture" a focus for gold projects in the Lachlan Fold Belt. The Cowal Gold Mine, producing 240,000 ounces of gold p.a. lies approximately 15km south of the tenement.

The targets at Weelah are intrusive related gold and copper gold, carbonate vein gold and Peak/Cobar type deposits within sedimentary sequences.

Planning for the first phase of a two phase induced polarisation (IP) survey was completed during the quarter. The survey is expected to be completed during August.

## **NEW TENEMENT – Cavendish (EL 7337)**

Augur Resources has been granted the Cavendish tenement (EL 7337) which in part covers the Lightning Gold Project area of the Tullamore tenement. During the quarter, Augur collected 65 soil geochemical samples within the tenement. Overall, the results were disappointing with only a single anomalous sample (18ppb gold). However it should be noted that a gold anomalous zone has been identified within the Tullamore tenement which may extend into the Cavendish tenement and that intensive quartz veining with anomalous gold has been sampled within the tenement.

Further work at Cavendish will focus on identifying the extent to which the Lightning gold zone extends into the tenement.

### **CORPORATE DEVELOPMENTS**

#### **Board Changes**

Mr Peter Bradfield resigned from the Board effective 30 June 2009. Mr Joshua Rogers resigned as a director of Augur Resources Ltd effective from 23 April 2009.

Mr Kimikazu Yoshioka also resigned from the Board, effective 19 March 2009. Mr Yoshioka was an employee and representative of Augur's largest shareholder, Ichiya Co. Ltd.

Mr Shinji Yamamoto and Mr Fye Hong were nominated by Ichiya Co. Ltd to succeed Mr Kimikazu Yoshioka as Non-Executive Directors of Augur Resources Limited.

The current international financial environment is impacting both the demand and value of mineral resources internationally. The company's financial position continues to be closely monitored. Augur Resources is focused on cost management and in addition has pared back administration and exploration expenditure whilst the high level of uncertainty remains in the resource investment market. However, Augur will continue to advance projects with the aim of developing viable mineral resources for the benefit of our shareholders. Management will also continue to carefully monitor the implications of the world financial crisis and carefully control costs.

# **Appendix 5B**

The attached Appendix 5B is Augur Resources quarterly statement of cash flows for the three month period ending 30 June 2009.

For further information, please contact:

**Grant Kensington Managing Director** 

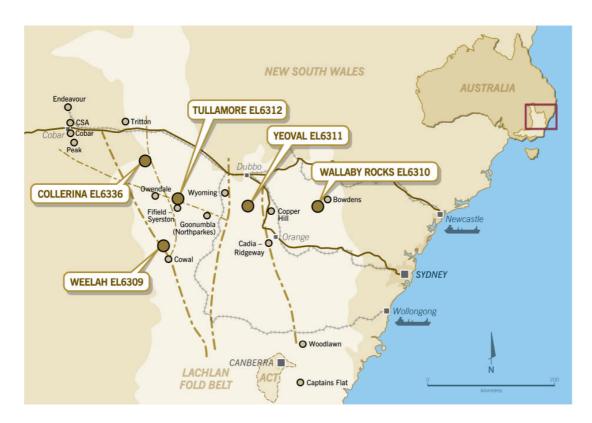
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The information in this ASX announcement referring to Augur Resources 30 June 2009 Quarterly Report, is based on information compiled by Augur staff and approved by Robert Pyper, who is a Fellow of the AusIMM.

Mr Pyper is the principal of Minnelex Pty Ltd, which is a geological consultancy. Mr Pyper has had over 40 years experience as a geologist and has had sufficient experience relevant to the styles of mineralisation and the types of deposits 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. Mr Pyper consents to the inclusion in the report of matters based on his information in the formand context in which it appears.

# Augur's projects



#### **About Augur**

Augur Resources is a NSW-based resource development company, with a focus on copper, gold and nickel projects within the Lachlan Fold Belt of central and western NSW. The region hosts a number of world class deposits including the Cadia deposits and NorthParkes deposits. Augur has established JORC define resources at its key projects of Yeoval (copper, gold, molybdenum and silver) and Collerina (Homeville deposit – nickel and cobalt). Augur Resources intends to advance the economically viable deposits to pre-feasibility stage in the medium term.

The Company has a highly experienced Board and Management team, which includes extensive porphyry and epithermal copper-gold exploration experience both internationally and in NSW.

For more information, please visit www.augur.com.au