

**ASX Announcement** 29 July 2016

# Quarterly Activities Report June 2016

## **Bougouni Lithium Project**

- Current activities focused at high grade, potential bulk tonnage Goulamina Lithium Deposit, with previous processing test work yielding a high quality chemical grade lithium concentrate
- Maiden drilling program returns exceptional widths of high-grade lithium mineralisation
- Step out diamond drilling confirms wide zones of lithium-bearing pegmatite to depth
- Results continue to exceed expectations of width and are broadly in line with anticipated grades
- Assay results pending for Reverse Circulation (RC) and diamond drilling
- High impact drilling program ongoing
- On track to complete JORC Resource definition and Scoping Study before year-end

# Massigui Gold Project

- Continued focus on developing a processing solution for existing gold deposits at Ntiola, Viper and Koting
- Ongoing project generation activity leveraging off positive learnings from earlier exploration success to define growth opportunities in the district

## Corporate

- Successful oversubscribed \$5,000,000 placement ensures expanded exploration and evaluation program is fully funded
- Change of name to Birimian Limited better reflects the Company's evolving commodity diversity



ASX Code BGS ACN 113 931 105

# COMPANY DIRECTORS

Winton Willesee

## Chairman

Kevin Joyce

#### **Managing Director**

Hugh Bresser

Director

#### CONTACT DETAILS

Principal & Registered Office Suite 9, 5 Centro Avenue Subiaco WA 6008

www.birimian.com info@birimian.com

T +61 8 9286 3045 F +61 8 9226 2027





#### **BOUGOUNI LITHIUM PROJECT**

The Bougouni Lithium Project comprises a large license area spanning some 250 km². Recent activities have focused at the high-grade, potential bulk-tonnage Goulamina lithium deposit (Figure 1) within the Project. The deposit is situated in close proximity to a sealed highway, grid power and abundant water, with the Selingue hydroelectric power station located some 45km to the north west.

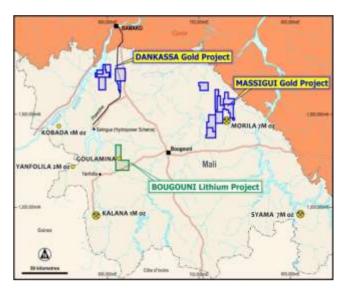
An initial Exploration Target at Goulamina is estimated in the range of 15Mt to 18Mt at grades between 1.8% and 2.2%  $\text{Li}_2\text{O}$  (see ASX release 2 March 2016)\*. Mineralisation remains open along strike and geological evidence suggests strike extensions are likely beneath shallow soil cover.

During the quarter, exceptional analytical results for the initial fourteen (14) RC holes from the maiden drilling campaign at Goulamina were announced. These confirmed very broad and highly continuous high-grade lithium mineralisation at shallow depths along the northern and central portions of the Goulamina Zone (Figure 2).

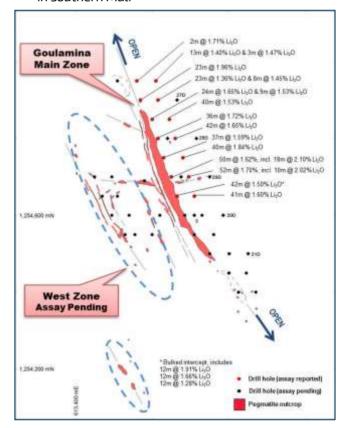
These results are highly encouraging, exceeding expectations of width and in line with anticipated grades. The broad nature of mineralisation should result in highly favourable low waste to ore strip ratios during mining. Substantial very high-grade zones (+2%  $\text{Li}_2\text{O})$  within the broader mineralised pegmatite are particularly encouraging and could potentially increase the overall grade of the deposit when further defined with additional drilling.

Geological logging of RC drilling has confirmed the shallow depth extensions of spodumene (lithium) bearing pegmatite over the ~700 metre long surface expression of the Goulamina Main Zone. In addition, highly encouraging observations from reconnaissance RC drilling targeting spodumene (lithium)-bearing pegmatites to the immediate west of the main Goulamina outcrop confirms the discovery of additional wide zones of lithium mineralised pegmatite in this area (see Figure 2).

Analytical results are pending for the remaining 27 RC holes completed in the current program.



**Figure 1.** Location of Birimian Limited's projects in southern Mali



**Figure 2.** Goulamina Deposit. Lithium Pegmatite outcrop map with drill hole locations and reported drill intersections.

<sup>\*</sup> The Company notes that this Exploration Target is reported in accordance with the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (2012 Edition). The potential quantity and grade of this Exploration Target is conceptual in nature. There has been insufficient work to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.



#### **Ongoing Evaluation Program**

Diamond drilling is ongoing to evaluate lithium mineralised pegmatite at depth along the Goulamina zone and augment RC drilling results. To date, observations from drill core confirm broad and continuous mineralisation at depth, which will have a significant positive impact on the scale of the potential resource at Goulamina.

Spectacular zones of densely crowded spodumene (lithium) have been intersected in three holes drilled adjacent to recent RC holes, suggesting good potential for additional very high grade mineralisation (Figure 3). Corresponding zones in the RC returned high grade intervals including  $18m @ 2.10 \% Li_2O$  (within  $50m @ 1.62 \% Li_2O$ )

Deeper diamond drilling at the northern end of the currently defined mineralised zone has returned wide zones of visible spodumene at depth beneath earlier high-grade RC drilling (GMRC007 - 23m @ 1.96 % Li<sub>2</sub>O – open along strike to the north). This drilling confirms continuous mineralisation to in excess of 150m down dip from surface and will have a significant positive impact on the scale of the resource at Goulamina.

Analytical results for diamond drilling will be reported as they come to hand over coming weeks. The drill core material from these holes will also be utilised for additional processing test work, complementing previous test work by CSA Global consultants that yielded a high quality, chemical grade, lithium concentrate.

This first phase RC and diamond drilling program will provide the necessary geological and grade data to, if appropriate, estimate an initial JORC compliant resource at Goulamina. This will also provide data for a Scoping Study which will define the parameters of subsequent phases of detailed work on the deposit. The Company is on track to deliver a maiden JORC resource and Scoping Study for Goulamina before yearend.

#### Selected RC drill Intersections at Goulamina:

- 40m @ 1.84 % Li<sub>2</sub>0 from 10m
- 23m @ 1.96 % Li<sub>2</sub>0 from 20m
- 36m @ 1.72 % Li<sub>2</sub>0 from 12m
- 42m @ 1.65 % Li<sub>2</sub>O from 66m
- 50m @ 1.62 % Li<sub>2</sub>O from 11m
  including 18m @ 2.10 % Li<sub>2</sub>O (from 11m) and 9m @ 2.00% Li<sub>2</sub>O (from 52m)
- 52m @ 1.70 % Li<sub>2</sub>O from 60m, including 10m @ 2.02% Li<sub>2</sub>O (from 78m) and 9m @ 2.02% Li<sub>2</sub>O (from 61m)
- 41m @ 1.60 % Li<sub>2</sub>O from 55m including 5m @ 2.18% Li<sub>2</sub>O (from 57m)



**Figure 3.** GMDD002. Wide spodumene pegmatite zone (40.0 – 88.5m).





#### **WEST AFRICAN GOLD PROJECTS**

#### Massigui Gold Project, Mali

The Massigui Gold Project is situated adjacent to the Morila Gold Mine Lease, surrounding it on 3 sides, and covers strike extensions of the highly prospective geological sequence that hosts the 7Moz Morila Gold Deposit (Figure 4).

Birimian's targeted drilling programs at the Massigui Gold Project have resulted in significant gold discoveries at three prospects, namely Ntiola, Viper and Koting. These prospects are situated in close proximity to the north-west of the underutilised Morila Mine Treatment Plant, which is operated by Randgold Resources (Figure 5). Mineralisation is open to depth at all prospects, and the Company believes there is significant potential for substantial gold resources to be defined with additional drilling.

During the quarter, Birimian continued to focus on unlocking value through the implementation of a processing solution for the Company's known deposits.

## Dankassa Gold Project, Mali

The Dankassa Gold Project covers 510km<sup>2</sup> of gold prospective ground in southern Mali (see Figure 1). No field activity occurred on the Project area during the quarter.

Field work at the Dankassa Project will remain on hold while the Company's focuses its resources at the Bougouni Lithium Project.

## Basawa Gold Project, Liberia

The Basawa Gold Project covers a large area (1,000km<sup>2</sup>) of highly gold prospective terrain in southeastern Liberia (Figure 6).

Priority target areas at the Basawa Gold Project occur within an extensive 15km long anomalous gold zone situated in the Bafawehn area (see Figure 6). Prospective zones occur in the head waters of numerous drainages feeding a large alluvial gold mining camp. Birimian Gold has been systematically exploring this area with the aim of defining the primary source of the abundant gold present within this long-lived mining camp.

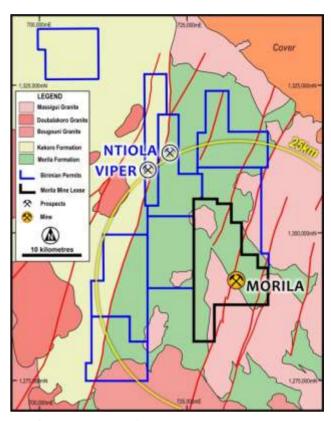
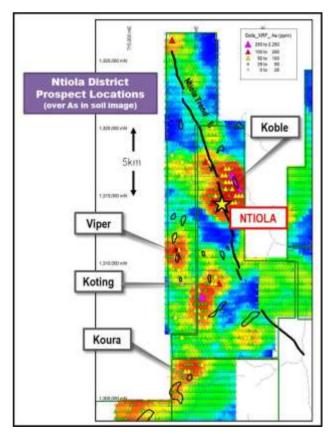


Figure 4. Birimian's Massigui Gold Project.



**Figure 5.** Ntiola District. Prospect locations are shown over the arsenic in soil image.



The Company continues to maintain force majeure over the Basawa License. All statutory requirements for rent payments and minimum expenditure have been deferred, and an extension to the license term is currently being considered by the Liberian Mines Ministry.

## **CORPORATE**

During the quarter, Birimian undertook a placement to institutions and sophisticated investors to raise approximately \$5,000,000 before costs. The oversubscribed capital raising was co-managed by Hartleys Limited and Merchant Corporate Finance Pty Ltd.

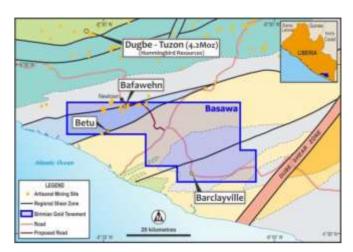


Figure 6. Basawa Gold Project, Liberia.

Funds raised will be employed to advance the Company's exploration and development plans at the Bougouni Lithium Project in Mali. Birimian believes there is excellent scope to delineate large, open pit mineable lithium resources on the Bougouni property and intends to undertake a staged program of resource evaluation drilling and technical studies to rapidly deliver a preliminary Project Scoping Study.

For further information contact:

Mr Kevin Joyce Managing Director 08 9286 3045 info@birimiangold.com.au



### Schedule of Tenements held at 30 June 2016

Country	Project	Tenement Reference
Mali	Dankassa	09/0590
		13/3127
		13/3124
		11/2665
		13/3126
	Massigui	14/2106
		14/0390
		13/3125
		13/3128
		13/3129
		14/1705
		14/0389
		000090
	Bougouni	000599
Liberia	Basawa	MEL11100
Australia	Waite Kauri Project	M37/1289

#### **Competent Persons Declaration**

The information in this announcement that relates to exploration results is based on information compiled by or under the supervision of Kevin Anthony Joyce. Mr Joyce is Managing Director of Birimian Limited and a Member of the Australian Institute of Geoscientists. Mr Joyce has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and the activity he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results. Mr Joyce consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

# **Previous Reported Results**

There is information in this announcement relating to previous Exploration Results at the Bougouni Project. The Company confirms that it is not aware of any other new information or data that materially affects the information included in the original market announcement, and that all material assumptions and technical parameters have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

## Forward Looking Statements

Statements regarding plans with respect to the Company's mineral properties are forward looking statements. There can be no assurance that the Company's plans for development of its mineral properties will proceed as expected. There can be no assurance that the Company will be able to confirm the presence of mineral deposits, that any mineralisation will prove to be economic or that a mine will successfully be developed on any of the Company's mineral properties.

### **Basis of Exploration Target**

The Exploration Target at Goulamina is estimated in the range of 15Mt to 18Mt at grades between 1.8% and 2.2% Li20. The deposit outcrops, with surface expression of pegmatite along approximately 700m of strike and up to 55m across strike. The Exploration Target is estimated to a vertical depth of 200m below surface. This style of deposit typically displays excellent continuity and depth extensions can reasonably be expected to be defined by drilling. Upper grade estimates are inferred from bulk surface sampling undertaken by CSA-Global, which returned an average grade of approximately 2.2%  $\text{Li}_2\text{O}$ . The lower grade range of 1.8%  $\text{Li}_2\text{O}$  allows for potential resource dilution. The Company notes that this Exploration Target is reported in accordance with the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (2012 Edition). The potential quantity and grade of this Exploration Target is conceptual in nature. There has been insufficient work to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.