

31 January 2013

The Company Announcements Office  
Australian Securities Exchange Limited

**QUARTERLY ACTIVITIES REPORT  
DECEMBER 2012**

**HIGHLIGHTS**

**MALI**

- Significant resource potential identified at Ntiola Prospect.
  - Coherent gold in soil anomalism over 4km of strike.
  - Limited historical trenching over a 700m long portion of the soil anomalism returned highly encouraging results including:
    - 24m @ 2.29g/t gold and
    - 15m @ 2.05g/t gold
- Data acquisition and drill target generation progressing over broader Massigui Project area.
- Multiple targets defined for follow up.
- Drilling to commence in February.

**LIBERIA**

- Priority gold prospects at Before Camp and Newtown to be tested in the near term.
- Basawa exploration license renewed for a further 3 years with a 2 year extension option.
- Permitting from Liberian Mines Ministry for ground disturbing exploration at Basawa well advanced.

**CORPORATE**

- Fully underwritten renounceable rights issue raised \$2.2 million.
- Company in a solid financial position with a high quality portfolio of West African gold projects.

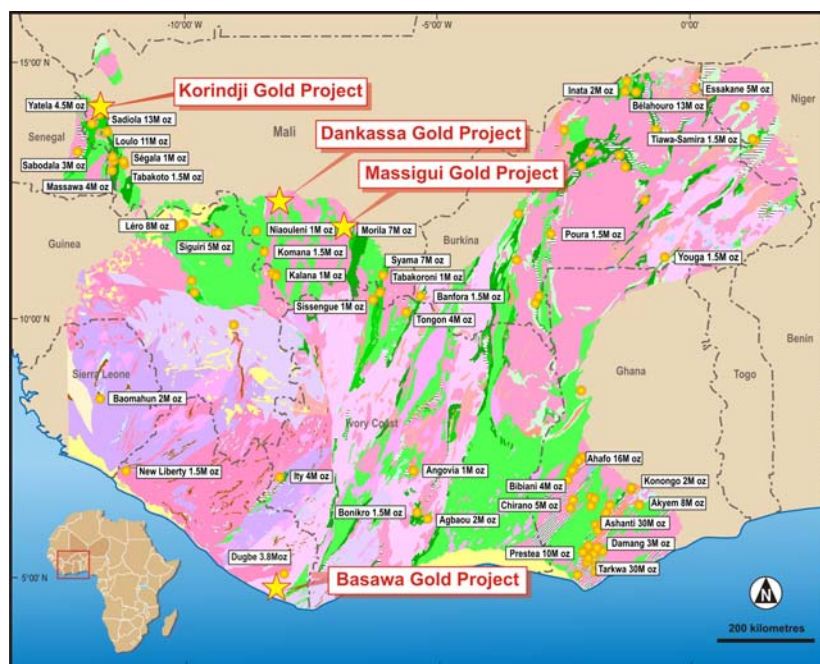
## **WEST AFRICAN GOLD PROJECTS**

### **Summary**

During the December 2012 quarter Birimian Gold Limited (ASX:BGS; “Birimian Gold” and “Company”) continued its focused exploration and project generation activities in West Africa. Birimian Gold now controls in excess of 3,700km<sup>2</sup> of highly gold prospective tenure in Mali and Liberia (Figure 1).

At the end of October 2012 the Company announced the acquisition of the Massigui Project in southern Mali, strategically securing 1,638km<sup>2</sup> of highly prospective ground abutting and surrounding the Morila Gold Mine. The addition of this project significantly bolsters the Company’s West African gold project portfolio.

Work conducted by the Company during the quarter has identified a number of high priority new drill targets within the Massigui Project. Field preparations have been completed in advance of drill testing these priority targets in February.



**Figure 1.** Location of Birimian Gold Limited’s projects in West Africa

### **Massigui Gold Project, Mali**

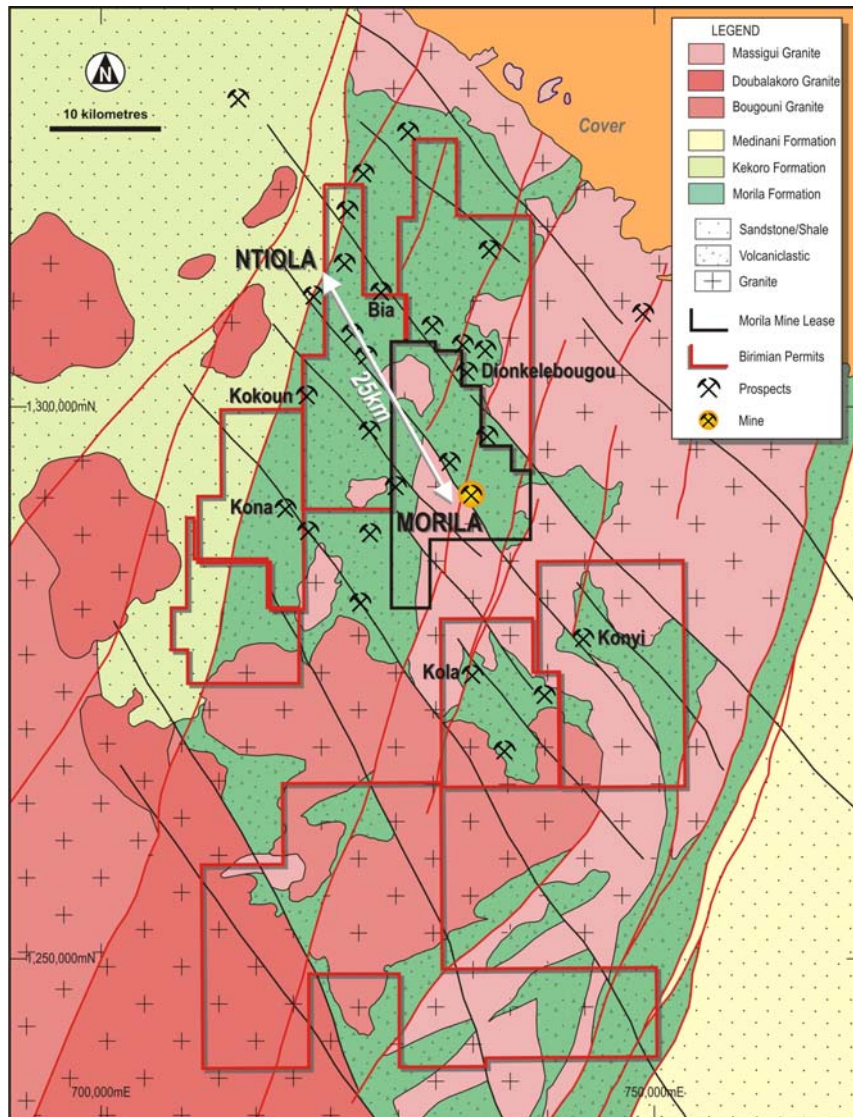
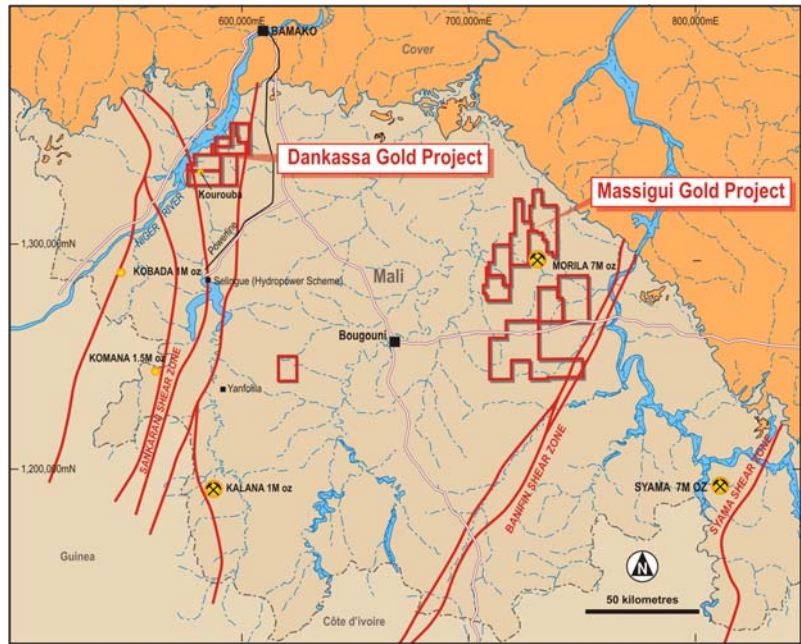
On 23 October 2012 the Company announced that it had secured the Massigui Gold Project; a large (1,638km<sup>2</sup>) ground holding in southern Mali (Figure 2). This Project covers highly prospective strike extensions of the geological sequence that hosts the world class Morila Gold Mine (>6Moz).

The Company has acquired a considerable amount of historical data covering the broader Massigui Project area, and commenced compiling and evaluating this information during the quarter. Additional information continues to come to hand in relation to the historical exploration activities conducted in the area and the Company continues to acquire information from various sources.

The results of this work to date are that several areas of significant interest have been defined.

The Company has identified significant resource potential in the Ntiola area, where a number of high priority drill targets have been defined for immediate drill testing. Field preparations have been completed for the first phase of drilling to be conducted by the Company at Ntiola, which is scheduled to begin in mid-February.

**Figure 2.** Location of Birimian Gold Limited's Massigui Project in southern Mali.



**Figure 3.** Massigui Gold Project. Permit areas and geology. The gold prospective Morila Formation is shown in green. The Ntiola Prospect is located in the north-west of the Project area; along trend from the Morila Gold Mine.

## **Ntiola Prospect**

The Ntiola Prospect is located in the north west of the Massigui Project within the Finkola Permit, which is held 100% by Birimian Gold. The Prospect lies only 25km from the operating but underutilized Morila Mine Treatment Plant, and within the same northwest trending structural corridor that hosts the Morila Gold Deposit (Figure 3).

Evaluation of recently acquired historical data has highlighted the considerable potential for substantial resources to be rapidly delineated at the Ntiola Prospect. In addition, previous exploration work has delineated multiple soil anomalies and mineralised trends in the broader Ntiola area; the majority of these zones are yet to be systematically explored (Figure 4).

Previous explorers delineated a coherent 4 kilometre long gold in soil anomaly at the Ntiola Prospect (Figure 4). Limited trenching over a small portion of this extensive soil anomaly defined a mineralised zone up to 40 metres wide and over 700 metres long. Significant historical trench results include 24m @ 2.29g/t gold and 15m @ 2.05g/t gold (Figure 5).

Previous owners drilled six (6) holes on broad 200m spaced sections to investigate the trench results. Significant drill intersections include 6m at 2.97g/t gold within a broader 36m intersection grading 1.41g/t gold.

Historical exploration reports document visible gold in drill core and state that the alteration style at Ntiola is comparable to that at the Morila Deposit. This is very significant as it suggests excellent potential for high grade Morila-style mineralisation within the Prospect area. The Company believes that the relatively sparse and broad spaced drilling which has been done to date has insufficiently tested for high-grade zones. Furthermore the Company believes there is considerable potential to delineate a large open-pittable resource base at this Prospect. Shallow infill drilling will be undertaken as a priority.

The Ntiola Trend remains open along strike to the south. Soil anomalism continues along trend and overlies a zone of structural complexity which is evident in aeromagnetic data (see Figure 4). The Company will also undertake additional reconnaissance drilling to systematically test for potential strike extensions of the Ntiola Lode.

Infill and step out drilling at Ntiola is scheduled to commence in mid-February.

## **Dankassa Gold Project, Mali**

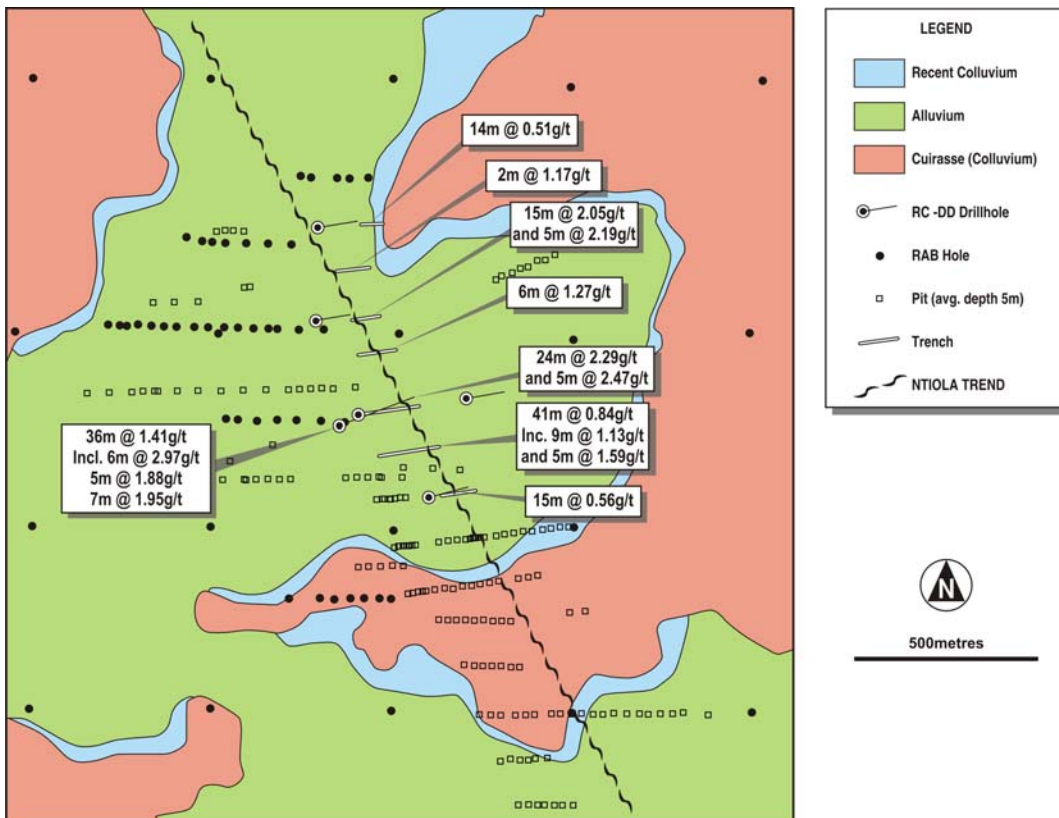
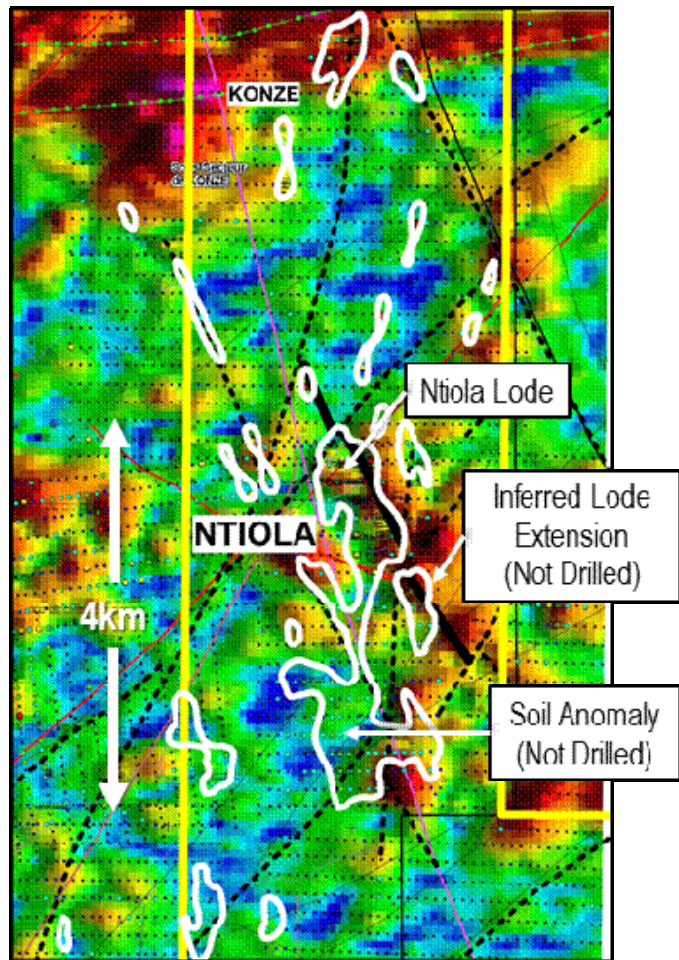
Following the acquisition of the Massigui Project in October the Company placed field work at the Dankassa Project on hold. This action was undertaken to enable the Company to re-evaluate and prioritise work programs to ensure resources are assigned to the highest priority targets in the Company's portfolio.

Since May 2011 the Company has completed an extensive exploration program at the Dankassa Project and results have been highly encouraging. Drilling conducted by the Company has confirmed the presence of broad zones of bedrock gold mineralisation within the Dankassa Gold Trend, with in excess of 8km of the mineralised trend remaining to be drill-tested for bedrock mineralisation.

The Company believes further reconnaissance drilling, and infill drilling where appropriate is warranted to test for economic mineralisation on the Project and the Company will continue to evaluate targets on all properties within the Company's portfolio to ensure resources are directed to the highest priority targets.



**Figure 4.** Ntiola Prospect area. Gold in soil anomalies >25ppb are shown in white outline over the ASIG aeromagnetic image. Heavy black line shows the position of the Ntiola Lode.



**Figure 5.** Ntiola Prospect drilling and trenching results.

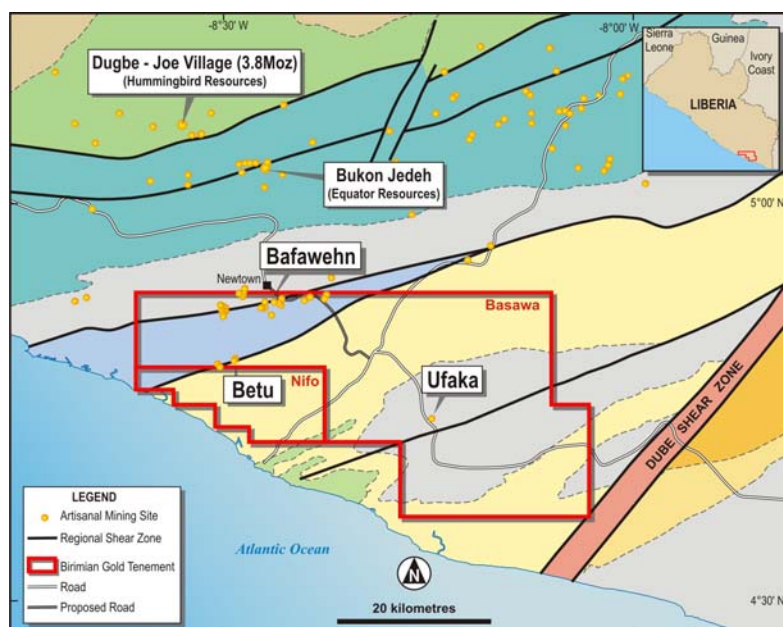
## **Basawa Gold Project, Liberia**

The Basawa Gold Project covers 1,000km<sup>2</sup> of highly gold prospective terrain in southeastern Liberia (see Figure 1). Regionally, significant gold mineralisation, including the 3.8Moz Dugbe-Joe Village Gold Deposits (Hummingbird Resources), occurs along ENE trending structures. To date, Birimian Gold has identified two such gold-prospective ENE-trending structures within the Basawa Gold Project area; the Bafawehn Structure and the Betu Structure (Figure 6). These structures have been the focus of the Company's exploration activities at the Basawa Gold Project; particularly localities where extensive artisanal workings occur adjacent to the gold-prospective structures.

Birimian Gold previously reported highly significant analytical results from an extensive soil sampling campaign conducted over approximately 15km of gold-prospective strike at the Bafawehn Gold Trend and over a portion of the Betu Gold Trend. Large-scale, high tenor, gold-in-soil anomalies were defined at Before Camp and Newtown Prospects (Figure 7).

The Company's immediate priority at Basawa is to advance the Before Camp and Newtown Prospects to drill-ready status. It is anticipated that exploration work will commence shortly and continue through the current field season.

**Figure 6.** Birimian Gold's Basawa Gold Project in Liberia, and other significant active projects and known gold occurrences.



## ***Permitting***

During the December 2012 quarter Birimian Gold's 100%-owned Basawa Exploration License was renewed for a further 3 year period. As part of the renewal process the Company was required to relinquish 131km<sup>2</sup> of the original licence area. The Basawa license area now covers 1,000km<sup>2</sup>. At the end of the current 3 year term the tenement can be renewed again for an additional 2 years. An application for a new reconnaissance exploration license has been lodged over the recently relinquished area. An additional license application at Nifo, south of Basawa (see Figure 6), is still pending.

The Company has submitted an application to the Liberian Mines Ministry to permit ground disturbing activities on its priority targets at Basawa. Social and environmental surveys were completed during the quarter, and the Company has received positive feedback from relevant government agencies suggesting approval for the next phase of the Company's exploration program is imminent.

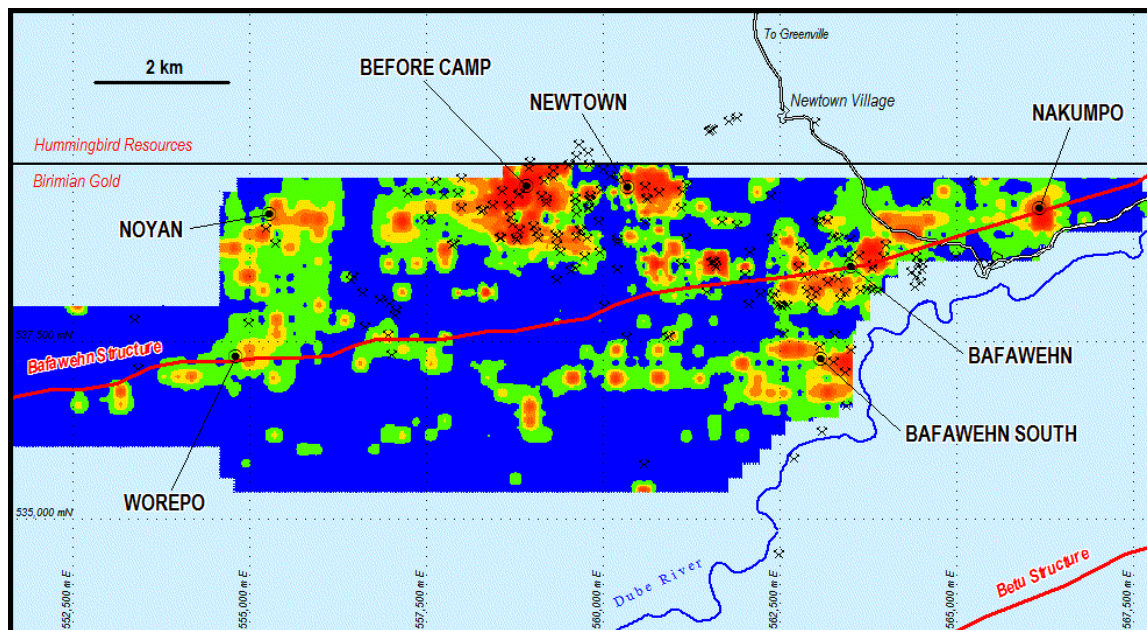


Figure 7. Image of gold in soil over the Bafawehn Gold Trend; highlighting new prospects.

### **FORWARD WORK PROGRAM**

The addition of the Massigui Gold Project to the Company's project portfolio during the December 2012 quarter has placed the Company in the enviable position of having a portfolio of advanced, high quality gold projects in numerous prospective and productive gold belts in West Africa.

During the next quarter the Company intends undertaking its maiden drilling program over priority targets at Ntiola, within the Massigui Project, and will continue to advance early stage prospects to drill ready status at its other highly prospective projects in Mali and Liberia.

### **CORPORATE**

During the December 2012 quarter the Company successfully raised approximately \$2.2 million (before costs) via a fully underwritten renounceable rights issue to shareholders. The Company is now well funded to initiate drilling at its highest priority targets.

On January 31, 2013 Birimian Gold undertook a Board restructure in which Mr Winton Willesee joined the Board as non-executive Chairman, Mr Hugh Bresser assumed a non-executive director role and Mr Michael Haynes resigned as a non-executive director of the Company.

Yours sincerely

Kevin Joyce

Managing Director

## **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 Gold 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 2004 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.*

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