

## **Exploration Update**

---

- **Four drill rigs and two soil geochemical teams operating at the Wa gold Project in Ghana**
- **60,000m of drilling planned for 2012**
- **Castle's own drill rig successfully commissioned and drilling at Baayiri prospect**
- **RC drilling underway at Wa South**
- **+5,000 samples at assay laboratories with turnaround time currently ~4 weeks**

Castle Minerals Limited (ASX: CDT) is pleased to provide an update of exploration activities on its 100% owned Wa Gold Project in north-west Ghana.

### **Baayiri Prospect**

At Baayiri a 15,000m RAB drilling program is underway using the company's own drill rig that was recently purchased and shipped from Australia. An additional RC drilling rig is scheduled to start in a few days to follow up several highly encouraging RC intercepts reported from 2011 exploration including;

52m @ 2.02g/t gold from 15m (11BARC 07)  
15m @ 2.73 g/t gold from 30m (11BARC 052)  
inc.10m @ 4.0 g/t gold from 30m and  
20m @ 1.08 g/t gold from 20m (11BARC 036)  
3m @ 1.86 g/t gold from 0m (eastern zone, 11BARC 027)

Auger drilling is ongoing 4km to the north of Baayiri targeting extensions to this mineralised trend which remains open. Castle has a further 30km of strike to test along this corridor.

### **Wa South**

RC is drilling is underway testing this soil covered area that contains the intersection of two greenstone belts and the interpreted extension to the Batie West Shear. The RC drilling is testing wide spaced aircore holes that reported promising results including 26m @ 0.24 g/t gold and 10m @ 0.54 g/t gold from first pass exploration in 2011.

Several RC holes have intersected zones of sulphidic quartz veins up to 4m thick; assays are awaited.

### **Wa- Lawra Greenstone Belt**

Auger drilling is testing a section of the Wa-Lawra greenstone belt that hosts the Kunche-Bepkong gold deposits to the north. Drilling is underway on a 10km long target that reported anomalous gold results from wide spaced soil and auger geochemistry and represents the first known drilling on this prospect.

## **Julie West**

Julie West hosts an outcropping high grade vein discovered by Castle. Previous RC drilling 4km north intersected 9m @ 22.1 g/t gold and field mapping (January 2012) suggests that the drilling completed last year did not effectively test the extent of this high grade intercept. This area will be RC and RAB drilled following completion of the phase one drilling at Baayiri.

## **Kandia**

Kandia is a +20km granite sediment contact zone hosting sediment hosted gold mineralisation. In 2011 a maiden Mineral Resource estimate was announced totalling 3.3mt @ 1.0g/t gold for 107,500 ounces. Detailed field mapping and ground truthing of geochemical and geophysical anomalies is currently underway in preparation for RC and RAB drill testing. The mineral resource defined in 2011 is open and deep RC holes are proposed to extend known mineralisation.

Castle Managing Director Mike Ivey said "our 2012 exploration is well underway with an expanded technical team and our own drill rig which provides terrific flexibility and cost advantages. We look forward to reporting positive results as assay results are received."

For further information please contact:

Michael Ivey  
Managing Director & CEO  
+618 9322 7018

For full details of exploration results and mineral resource estimates please refer to CDT ASX Release dated 27/01/12 or visit the Castle website at [www.castleminerals.com](http://www.castleminerals.com)

## **About Castle:**

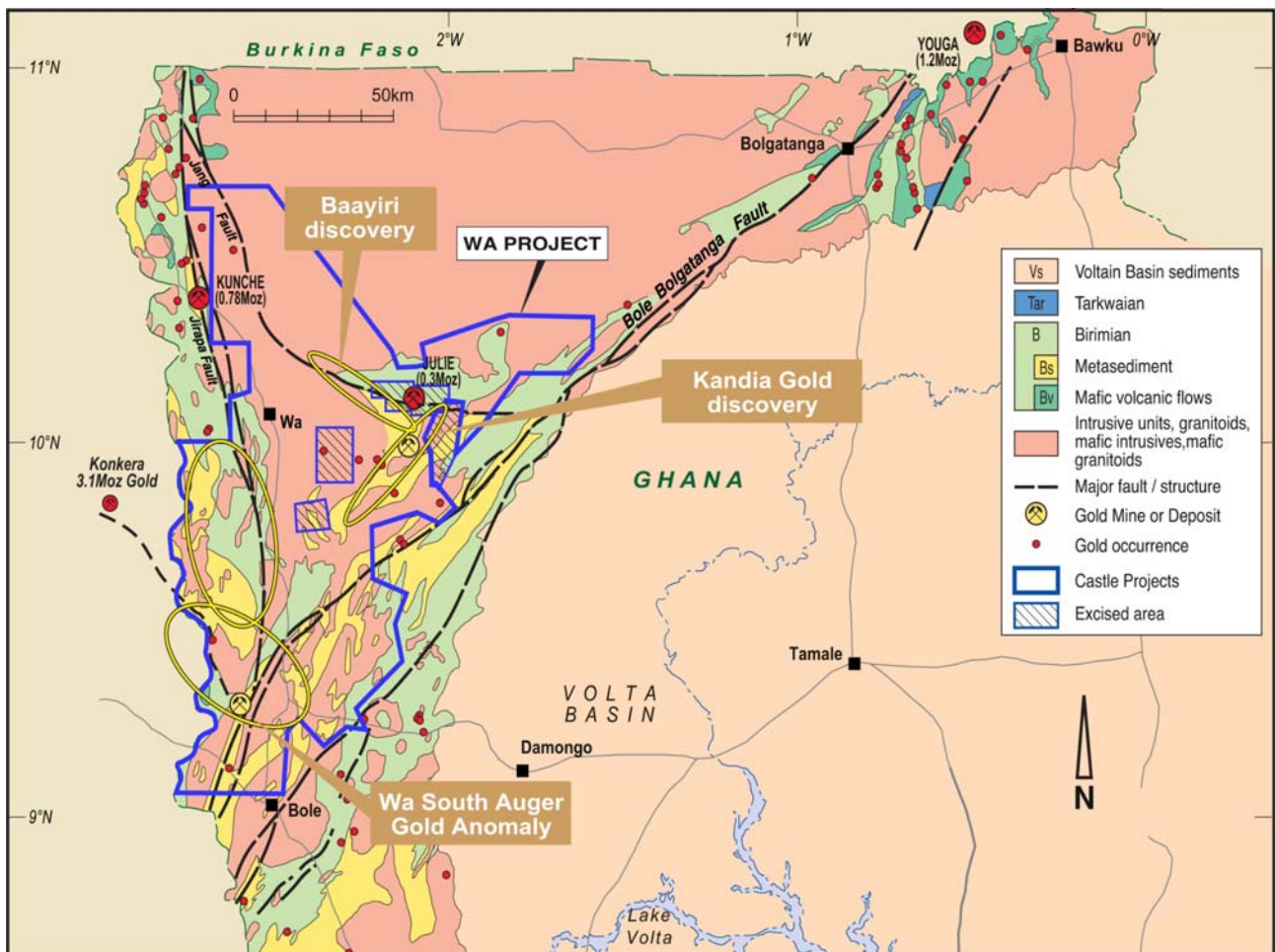
Castle Minerals listed on the Australian Stock Exchange in May 2006 (ASX code 'CDT') and has since acquired the rights to six mineral projects in Ghana, West Africa including Akoko, Antubia, Banso, Bondaye, Opon Mansi (application) and Wa covering more than 11,000km<sup>2</sup>.

All granted projects are 100% owned by Castle Minerals (subject to Ghanaian Government right to a free-carried 10% interest). Castle's corporate objectives are exploration and development of its six projects in Ghana and the acquisition and exploration of other mineral resource opportunities, particularly in West Africa. The country of Ghana has a long history of gold mining and exploration and is Africa's second largest gold producer behind South Africa.

*Information in this announcement that relates to Exploration Results is based on information compiled by Michael Ivey, Castle Minerals Limited Managing Director, who is a Member of The Australasian Institute of Mining and Metallurgy. Michael Ivey is a permanent employee of Castle Minerals Limited and has sufficient experience that 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 JORC Code. Michael Ivey consents to the inclusion in the announcement of the matters based on the information in the form and context in which it appears.*



Castle's Ghana Projects (left) and above the Company's new multipurpose drill rig now operating at the Baayiri prospect.



Prospect areas and geology of Castle's Wa Project in north-west Ghana