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ASX Announcement

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Extensive gold anomalism defined on Wa Project

- **11 regional scale gold anomalies identified with aggregate strike length of >60km including;**
 - **2km wide +100ppb gold anomalous zone south of Batie West structure**
 - **10km long anomaly flanking margin of internal granite**
 - **multiple anomalies within Wa Lawra greenstone belt rocks**

Castle Minerals Limited (ASX:CDT) is pleased to announce that at least 11 large new gold geochemical anomalies have been identified at the south end of Castle's 12,000km² Wa Project.

Regional scale first pass soil sampling was conducted on traverses spaced between one and five kilometres apart. The sample lines were oriented east-west targeting both the Wa-Lawra and Bolgatanga greenstone belts and the extension to the Batie West shear zone.

Sampling has been underway since late 2009 and to date 5,403 samples have been collected representing approximately 270 line kilometres of gridding and sample collection. Analytical results have now been received for the southern portion of the sampled area and have defined at least 11 regional scale gold anomalies. Collectively these anomalies highlight gold anomalous trends over 60km of strike.

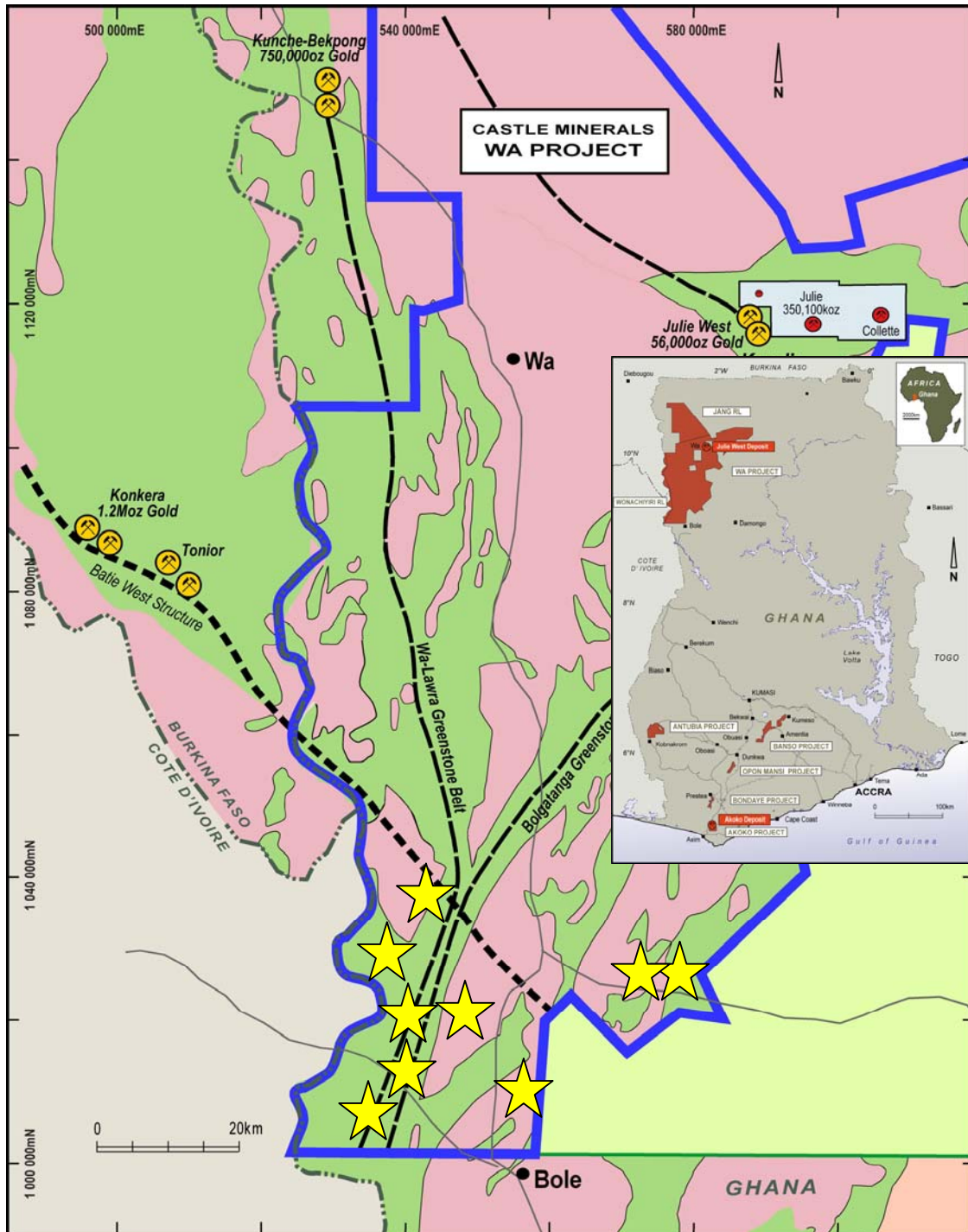
Anomalous gold in soils values were reported against very low background levels providing specific corridors for infill sampling, geological mapping and rock chip sampling. In most cases the sampling is too wide spaced to draw conclusive trends with confidence. However, nearly all anomalous areas fall on major structures and/or lithological boundaries which are considered favourable sites for gold mineralisation. Detailed sampling and mapping is required for all targets identified.

Of particular significance is

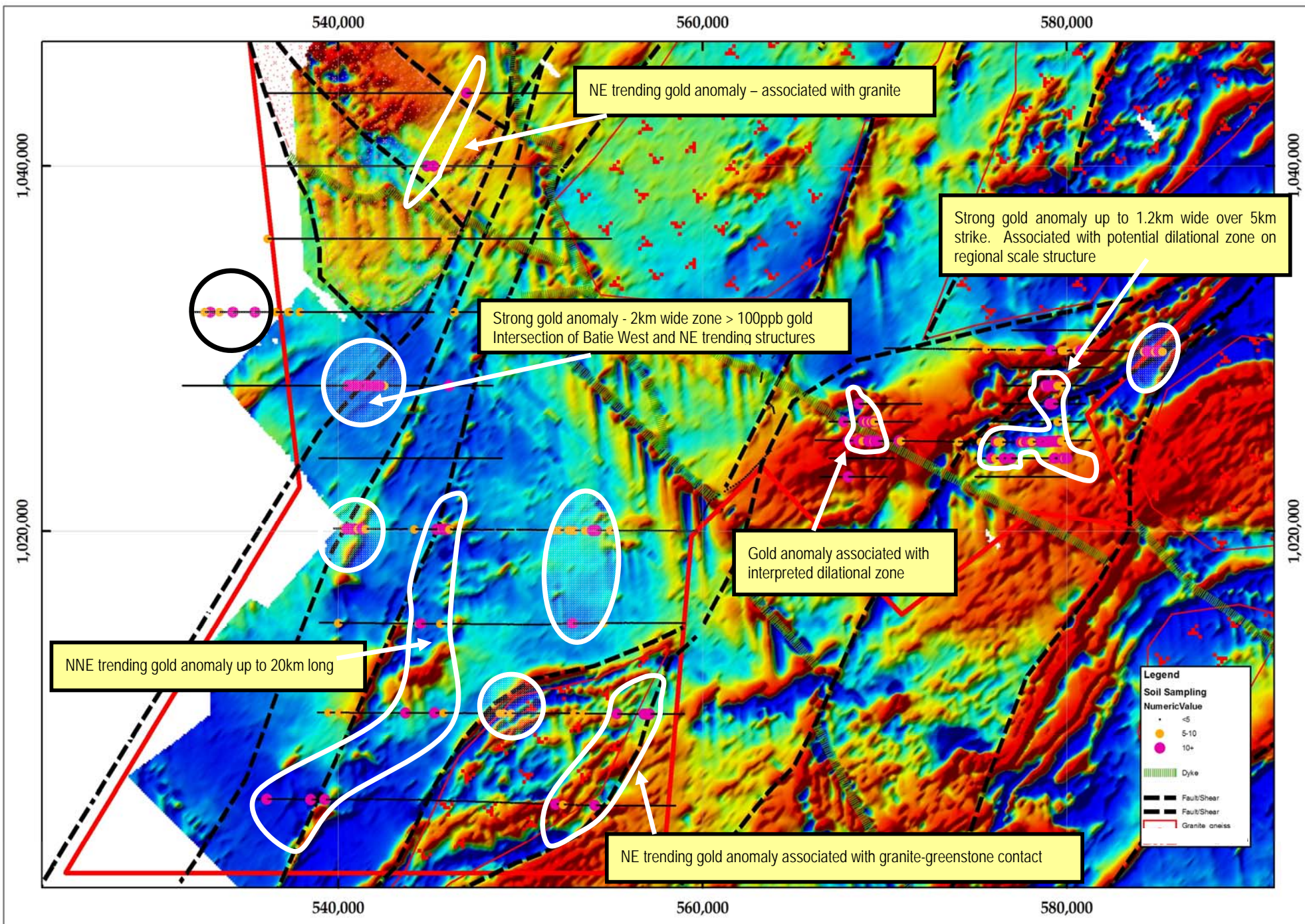
- **a 2km wide zone of anomalous soils reporting above 100ppb gold.** This anomaly is situated immediately south of the interpreted extension to the Batie West shear zone on the southern margin of an intrusive granite. The Batie West shear zone is related to gold mineralisation at Ampella's (ASX:AMX) 1.2 million ounce Konkera gold deposit in Burkina Faso 50km to the north west.
- **a 10km long anomaly** interpreted to overlie the eastern margin of an internal granite at the interpreted intersection with the Batie West structure.
- **a continuous 20km long anomaly** defined in the central southern portion of the project area and extends south to the historic artisanal Jantigi gold workings 15km east of the town of Bole.
- **a 5km and 3km long anomaly** on the east side of the project along strike from historic gold mineralisation at Senyon 20km to the SW.

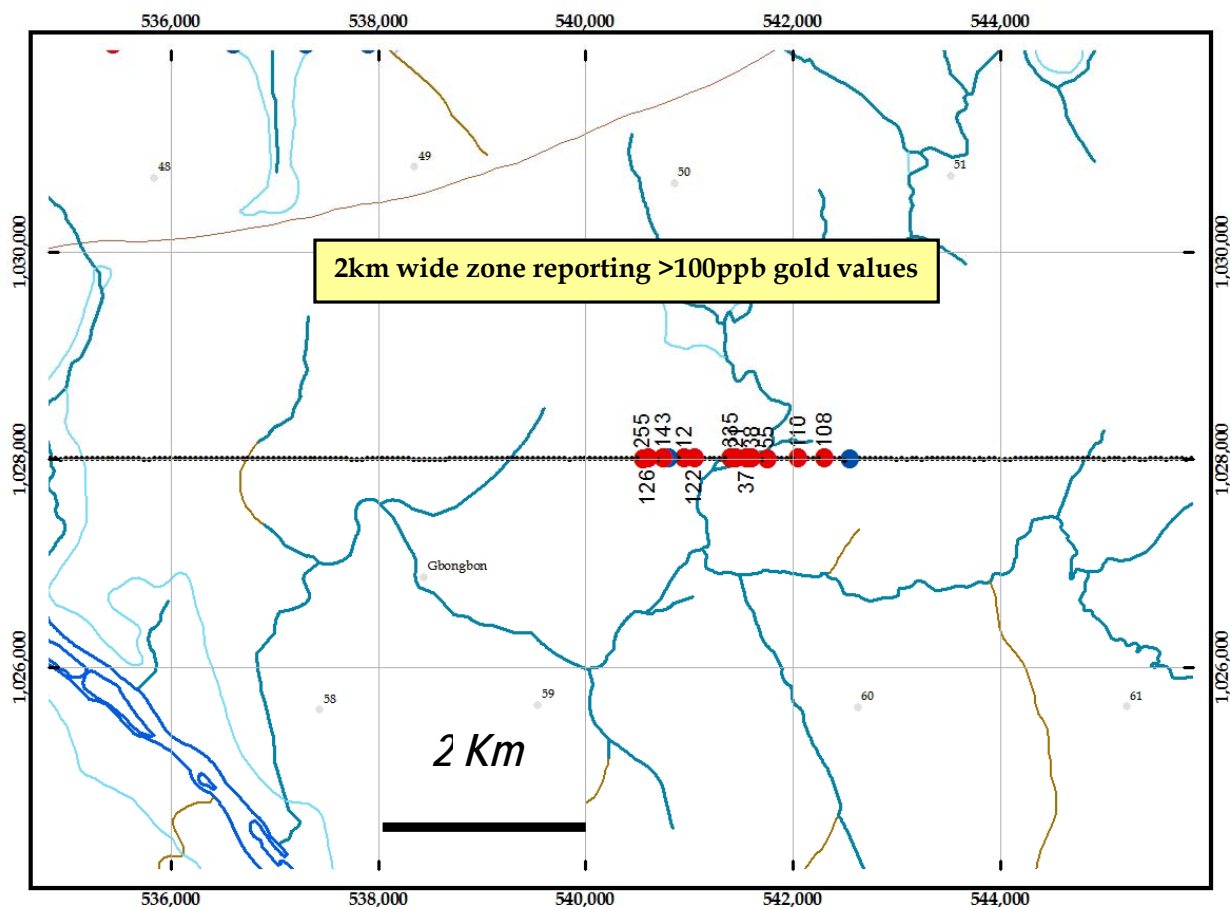
Infill sampling and mapping is planned to commence in April with additional sampling teams employed to quickly advance these targets in preparation for drilling.

Castle's Managing Director, Mr Mike Ivey, said "to receive strong gold anomalism on such a wide spacing is very encouraging especially considering that this is our first sampling of these areas. Gold values on consecutive sample lines spaced five kilometres apart have identified a number of highly prospective areas that warrant immediate follow up and we now have a number of specific corridors to focus our exploration effort. Our aim is to define drill ready targets for testing as soon as possible.



Castle's 12,000km² Wa project hosts three Birimian age greenstone belts - gold stars show locations of new gold geochemical anomalies





Assay detail (above) for sample traverse on 1,028,000 mN where sampling reported +100ppb gold values over a 2km wide zone against a background of <1ppb gold. In this area east-west sample traverses were completed every 5 kilometres. The width and tenor of these results are considered highly encouraging. Field reconnaissance suggests that the anomaly is underlain by foliated sediments that crop out in a small exposure in a creek; the majority of the anomaly is soil and laterite covered. The anomaly lies south of the interpreted position of the Batie West structure and immediately south of an internal granite. Infill sampling and mapping is planned to commence in the following weeks.

For further information please contact:

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Sample analysis was undertaken by Intertek Laboratories Tarkwa, Ghana. Gold content was determined by analysing 1kg samples using BLEG gold technique with a lower limit of detection of 1ppb gold. Duplicates and blanks were routinely submitted and returned values within acceptable ranges.

Information in this announcement that relates to Exploration Results is based on information compiled by Michael Fowler, Castle Minerals Limited Exploration Manager, who is a Member of The Australasian Institute of Mining and Metallurgy. Michael Fowler 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 Fowler consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.