

ASX Announcement

Multiple EM targets identified at Bundi Prospect

- Helibourne electromagnetic (EM) survey identifies 13 high priority electromagnetic conductors at Bundi Prospect in NW Ghana
- Conductors possibly represent massive sulphides with most conductors being adjacent to, or along strike from Bundi gold/zinc sulphide mineralisation discovered in March 2013
- Initial phase of approximately 5,000m of RC and 20,000m of RAB drilling proposed to commence before year end

Castle Minerals Limited (ASX:CDT) is pleased to announce that results from a helicopter-borne geophysical survey have been received **identifying 13 high propriety electromagnetic conductors that possibly represent massive sulphides.**

Castle's Managing Director Mr Mike Ivey said "the discovery of the EM conductor's is a very positive development for the Bundi Prospect and significantly increases the potential for a substantial zone of gold/zinc mineralisation to be present."

The results have generated multiple new drill targets in addition to the program planned for the Bundi gold/zinc prospect and Kpali gold prospect. An initial phase of approximately 5,000m of RC and 20,000m of RAB drilling is proposed to commence before the end of the year.

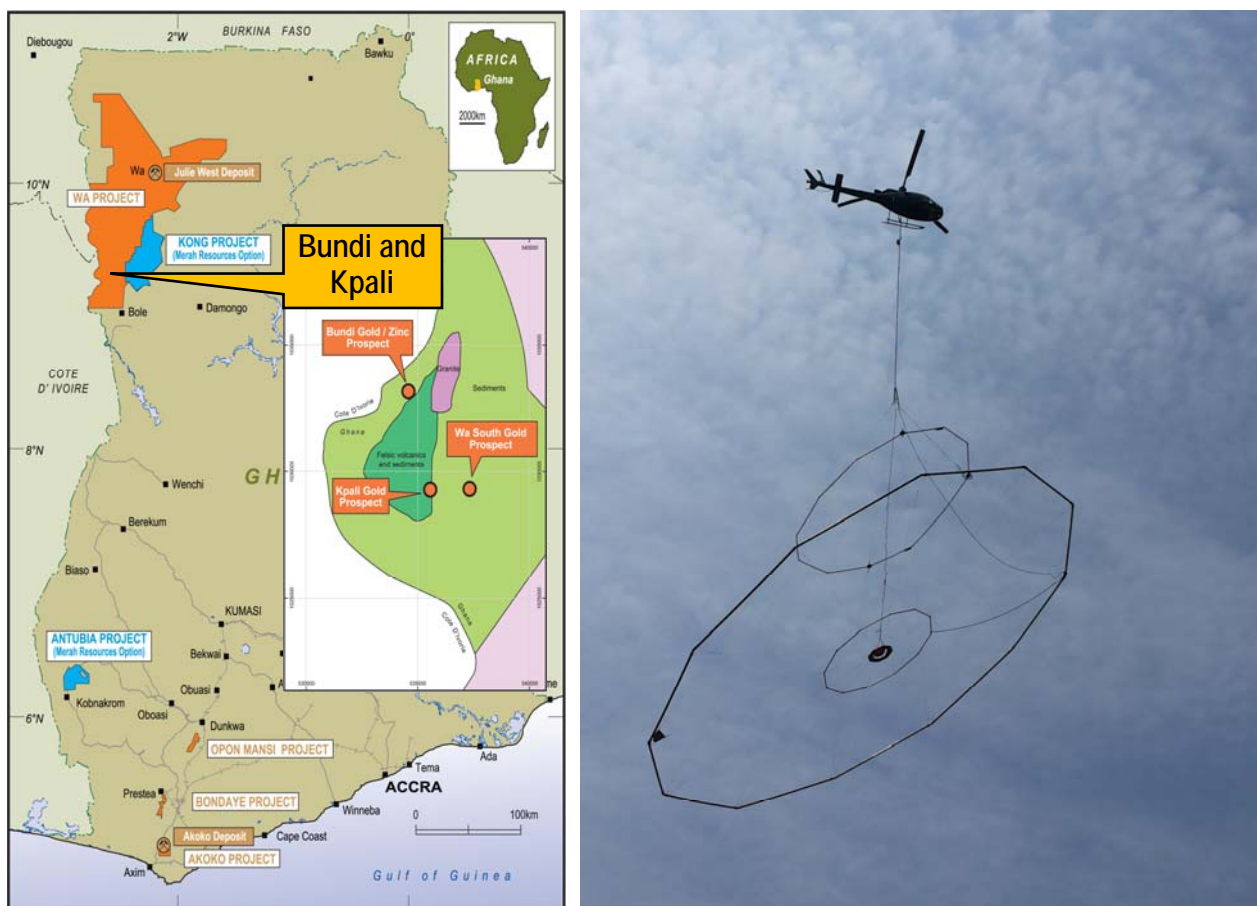
Background

Bundi and Kpali are grassroots gold discoveries made by Castle in 2013 in a previously unexplored area. Bundi is a 1,100m long zone that has reported high grade gold and zinc mineralisation from RC drilling. Kpali is 4km south of Bundi and is a 650m long gold anomaly defined by 100m spaced RAB traverses and 3 RC holes.

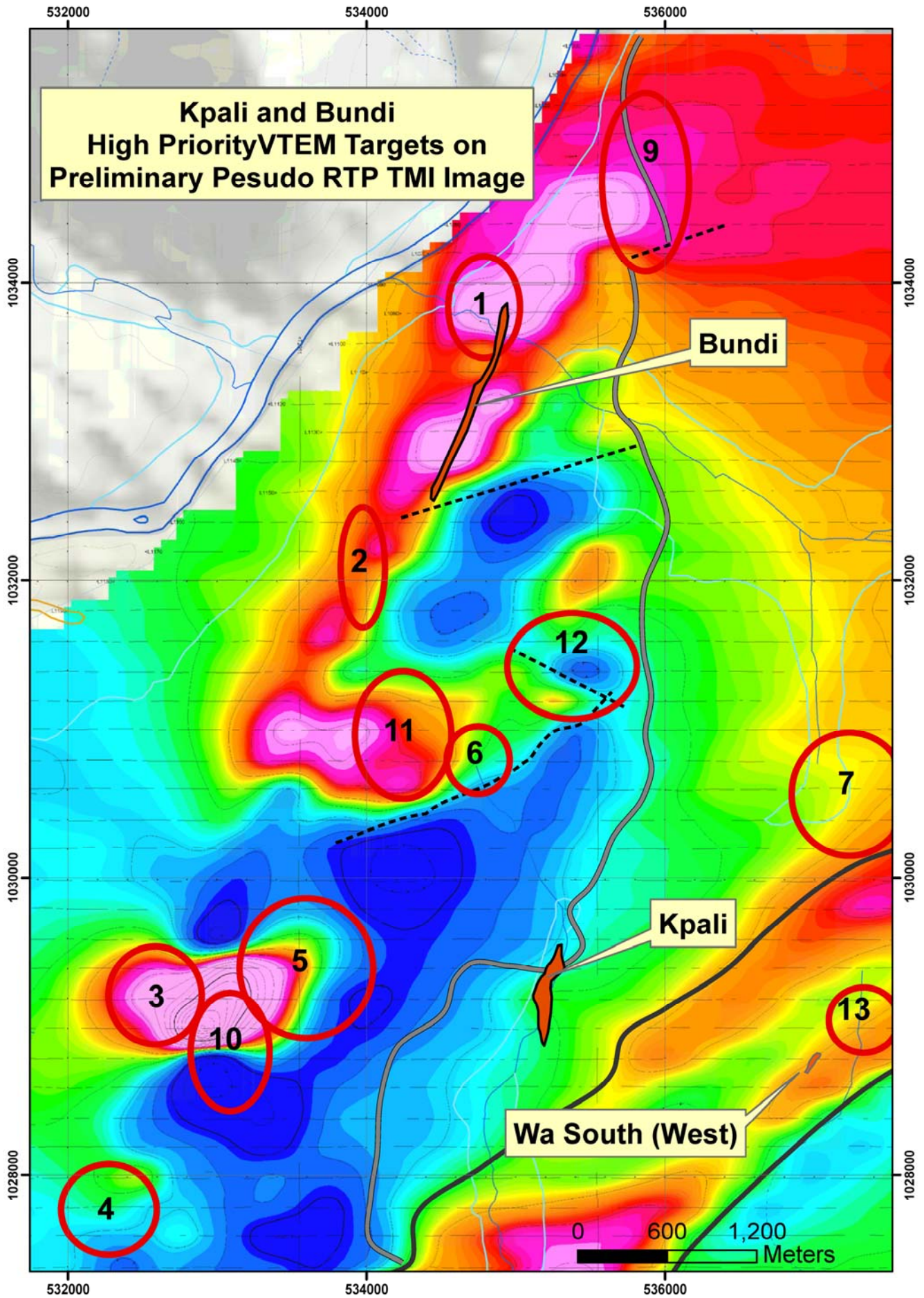
A VTEM Airborne Electromagnetic survey was flown by Geotech Airborne Limited over the Bundi and Kpali prospects during August 2013. The survey aimed to define anomalies indicative of bedrock conductors with potential to represent massive sulphide associated with the Bundi zinc sulphide mineralisation discovered by Castle. This is the first survey of this type in the area and is designed to identify structures, magnetic and geological units associated with the Bundi and Kpali gold mineralisation. Final magnetic data is still being interpreted however preliminary data show a structurally complex area between the Bundi and Kpali mineralisation.

Thirteen (13) high priority targets have been subsequently identified including;

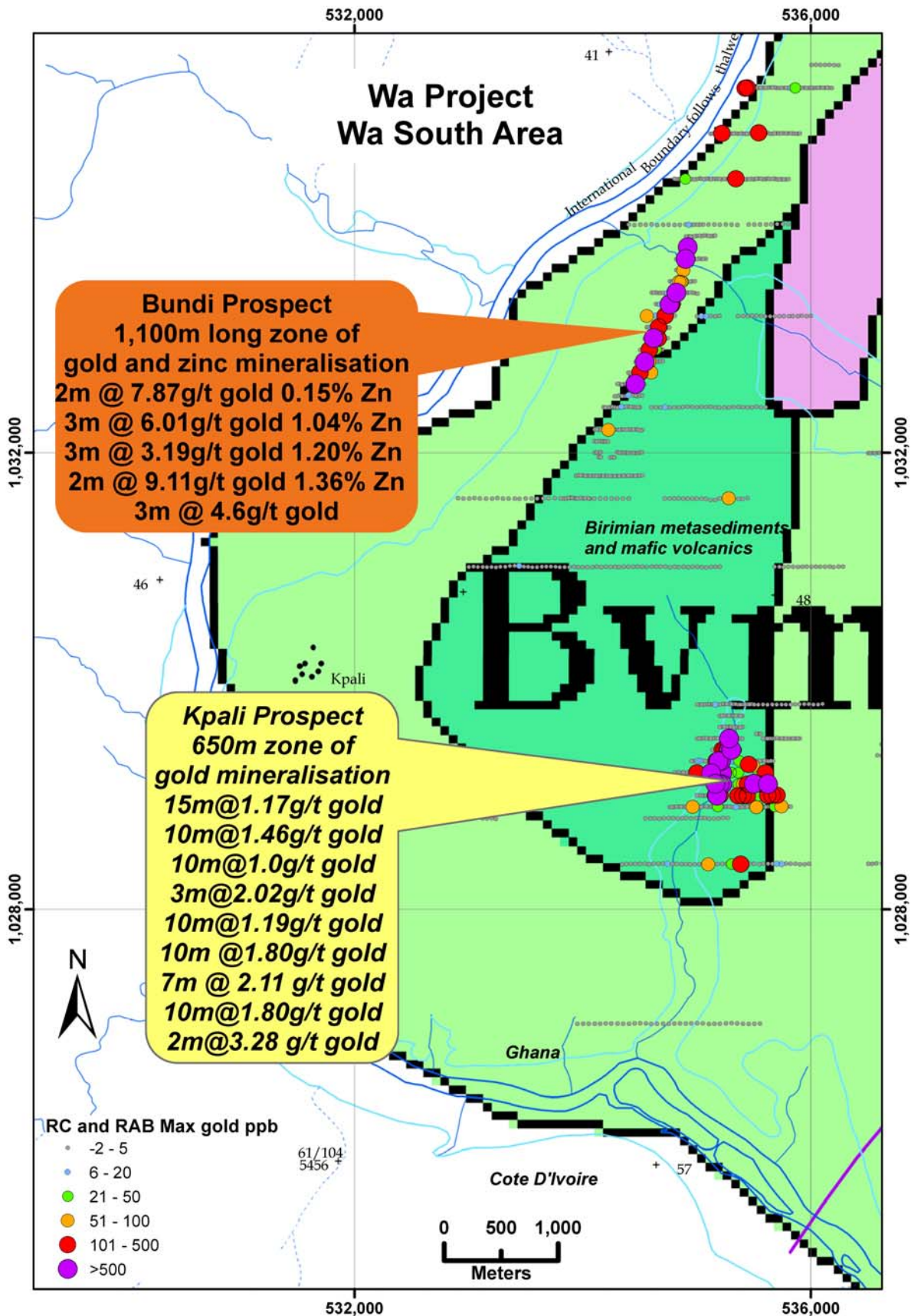
- Target VTEM-7, represents the possible direct detection of an isolated bedrock conductor and is located in a similar magnetic position to Kpali on the felsic volcanic and sediment contact.
- Target VTEM-12 is centred over a magnetic anomaly within a structurally complex area 2km along strike from the Kpali gold mineralisation.
- Targets 1-6, and 8 are based upon increased amplitudes within the graphitic schist possibly indicating enhancement of the conductor through massive sulphide.



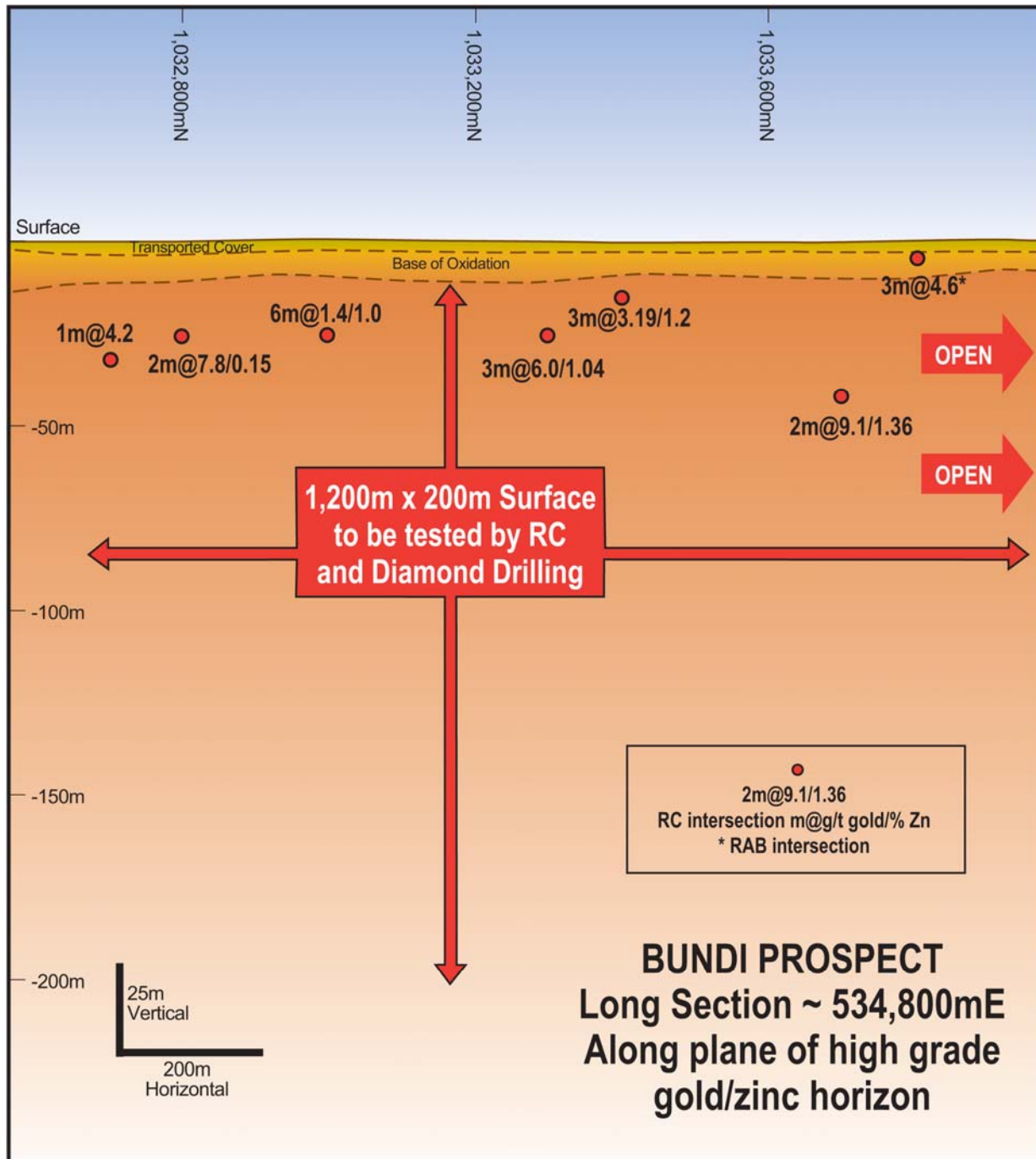
Bundi prospect location in NW Ghana and VTEM survey in operation



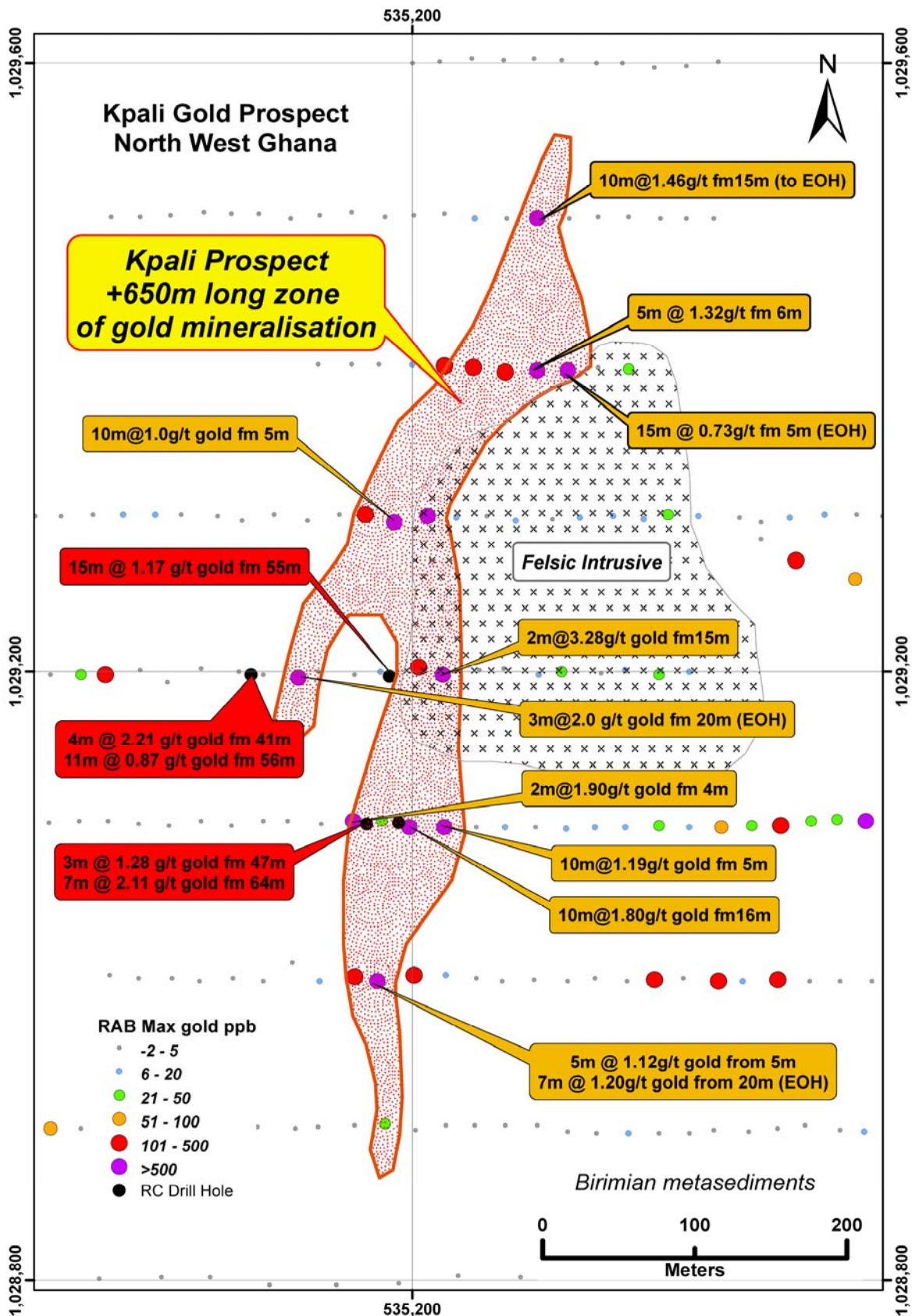
Kpali and Bundi VTEM targets over preliminary Pseudo RTP Total Magnetic Intensity Image
 Kpali and Bundi gold mineralisation projected to surface



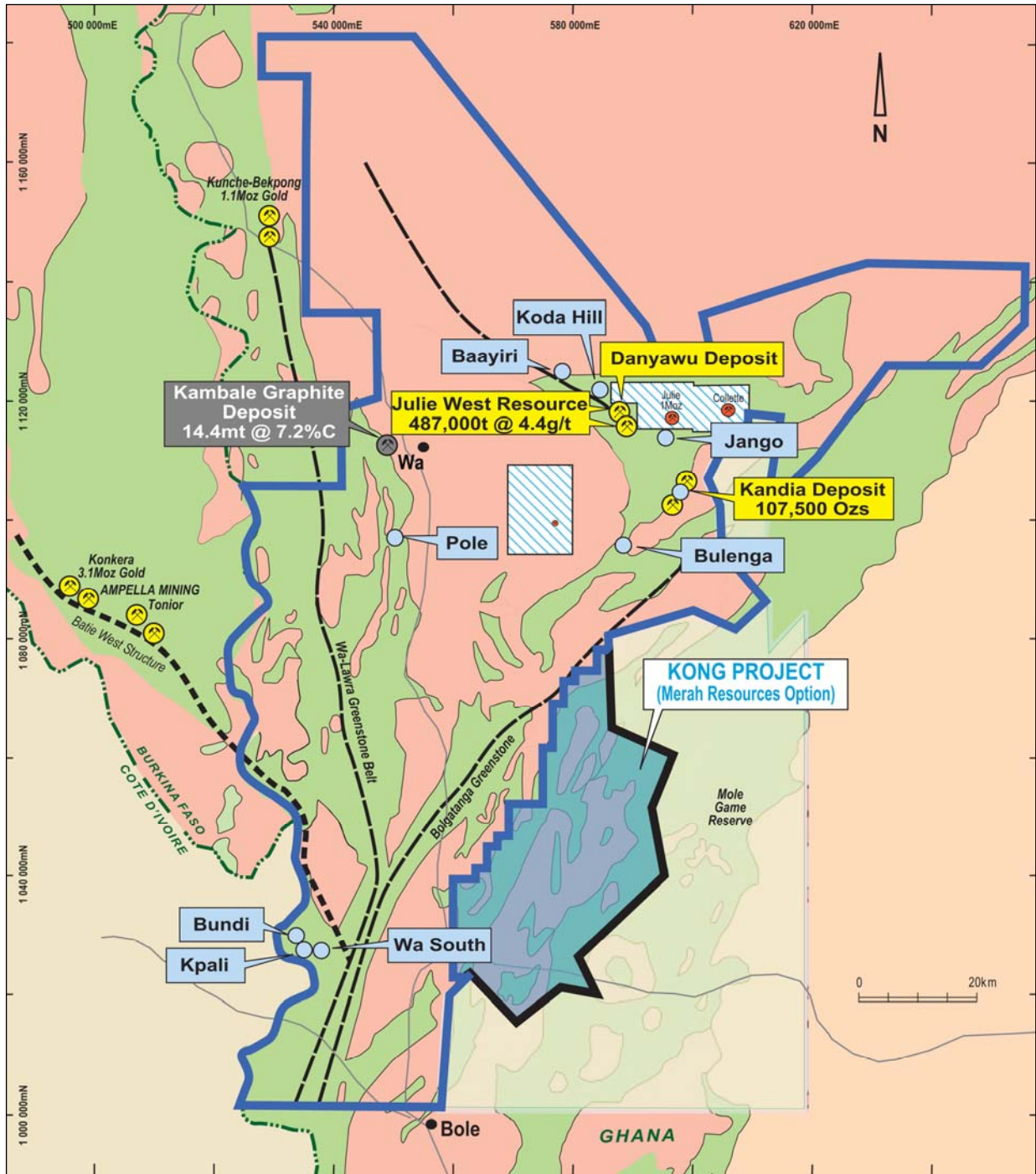
Location and drill hole plan for Bundi and Kpali with significant drill results. To date Bundi has been tested with only nine RC holes and four RC holes have been drilled at Kpali. The proposed drill program will test the VTEM targets generated plus aims to establish maiden resources at both prospects



Long section above shows RC drill pierce points along the 1,200m mineralised surface at Bundi that is proposed for RC drilling. Bundi hosts high grade gold mineralisation along with zinc sulphide mineralisation which is a very unusual association and is not known to exist elsewhere in Ghana



Drill hole plan for Kpali gold mineralisation that has to date been tested by only four RC holes. RC drilling is proposed to test the full 650m strike extent of the gold mineralisation as defined by shallow RAB drilling



Prospect locations for Castle's Wa Project in North West Ghana

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About Castle:

Castle Minerals listed on the Australian Stock Exchange in May 2006 (ASX code 'CDT') and has five mineral projects in Ghana, West Africa including Akoko, Antubia, Bondaye, Opon Mansi (application) and Wa covering more than 11,000km².

The Wa and Akoko projects are 100% owned by Castle Minerals (subject to Ghanaian Government right to a free-carried 10% interest). Bondaye and Opon Mansi are applications and the Kong and Antubia Projects are subject to a sale agreement with Merah Resources (ASX: MEH). Castle's corporate objectives are exploration and development of its 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.

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Information in this announcement that relates to Exploration Results is based on information compiled by Haydn Hadlow, Castle Minerals Limited Exploration Manager, who is a Member of The Australasian Institute of Mining and Metallurgy. Haydn Hadlow 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. Haydn Hadlow consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. The Helicopter bourne survey was completed by Geotech Limited (Canada) with interpretation of magnetic data by Bill Robertson of Value Adding Resources Pty Ltd, (Perth) and VTEM data by Brett Adams of Spinifex Geophysics, (Perth).