

## ASX Announcement

### High Grade Gold Horizon Defined at Bundi Prospect

Castle Minerals Limited (ASX:CDT) is pleased to announce that analysis of individual metre intervals of RC drilling at the Company's Bundi prospect has defined **a high grade gold and zinc horizon over at least 1100m strike that significantly upgrades the resource potential of the Bundi prospect.**

Castle's Managing Director, Mr Mike Ivey said, "This is a very positive outcome for Bundi, the horizon identified may represent the distal portion of a VMS (volcanogenic massive sulphide) horizon and provides considerable scope for the definition of a high grade gold and or zinc deposit."

Bundi is part of Castle's 100% owned Wa Project in north-west Ghana. Significant intercepts from the gold/zinc horizon at Bundi include;

**2m @ 7.87g/t gold and 0.15% Zn from 40m 13SWRC028**  
**3m @ 6.01g/t gold and 1.04% Zn from 40m 13SWRC027**  
**3m @ 3.19g/t gold and 1.20% Zn from 25m 13SWRC026**  
**2m @ 9.11g/t gold and 1.36% Zn from 68m 13SWRC032**

Key observations from the mineralisation intersected to date include:

- Host rock is a quartz-sericite schist (metamorphosed felsic volcanic?) within a sequence of Birimian metasediments
- Linear, continuous vertically dipping zone that may represent the distal portion of a volcanogenic massive sulphide horizon
- Sulphide assemblage is represented by fine to coarse grained disseminated and banded pyrite-pyrrhotite-sphalerite. Pyrrhotite is magnetic providing a useful exploration targeting tool
- Strong gold zinc correlation. Low in copper and arsenic
- The mineralisation may represent a new style of gold/zinc sulphide deposit for the Birimian of West Africa
- Bundi is a virgin discovery made by Castle in an area concealed by a thin veneer of transported sediments

- Castle is the sole landholder in the area as part of its 10,000km<sup>2</sup> Wa Project. The area is flat and sparsely populated and is easily accessed from the regional town of Bole 40km south east

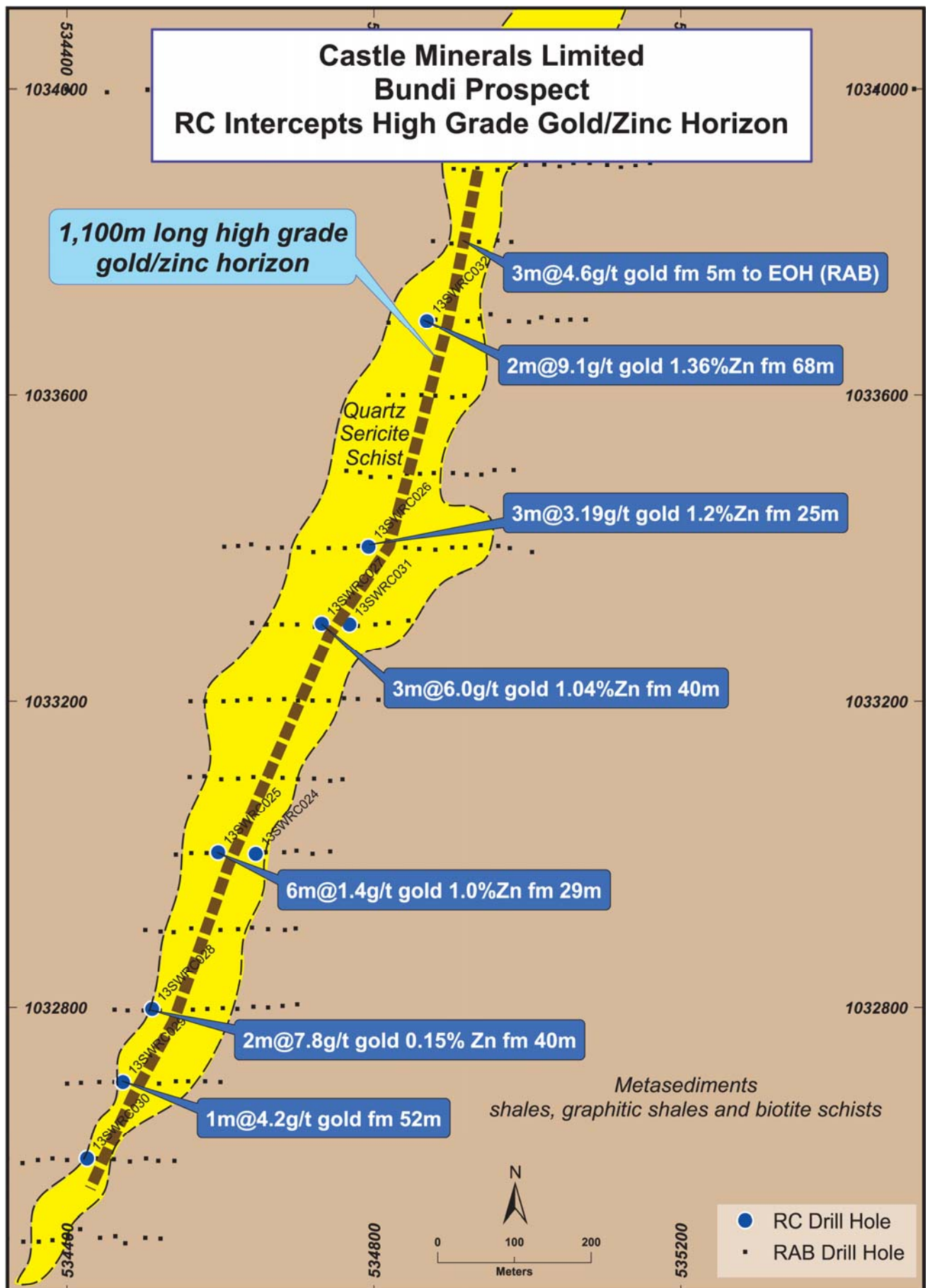
The gold/zinc metal association is unusual for Biriminan rocks in West Africa and the geological model will be refined as the project advances. Castle is now planning geophysical surveys to test for the occurrence of massive sulphides and extensions to the gold mineralisation at Bundi. Bundi is a grassroots gold discovery in a previously unexplored area. RAB drilling is still ongoing in the area and results will be reported upon receipt.

For further information please contact:

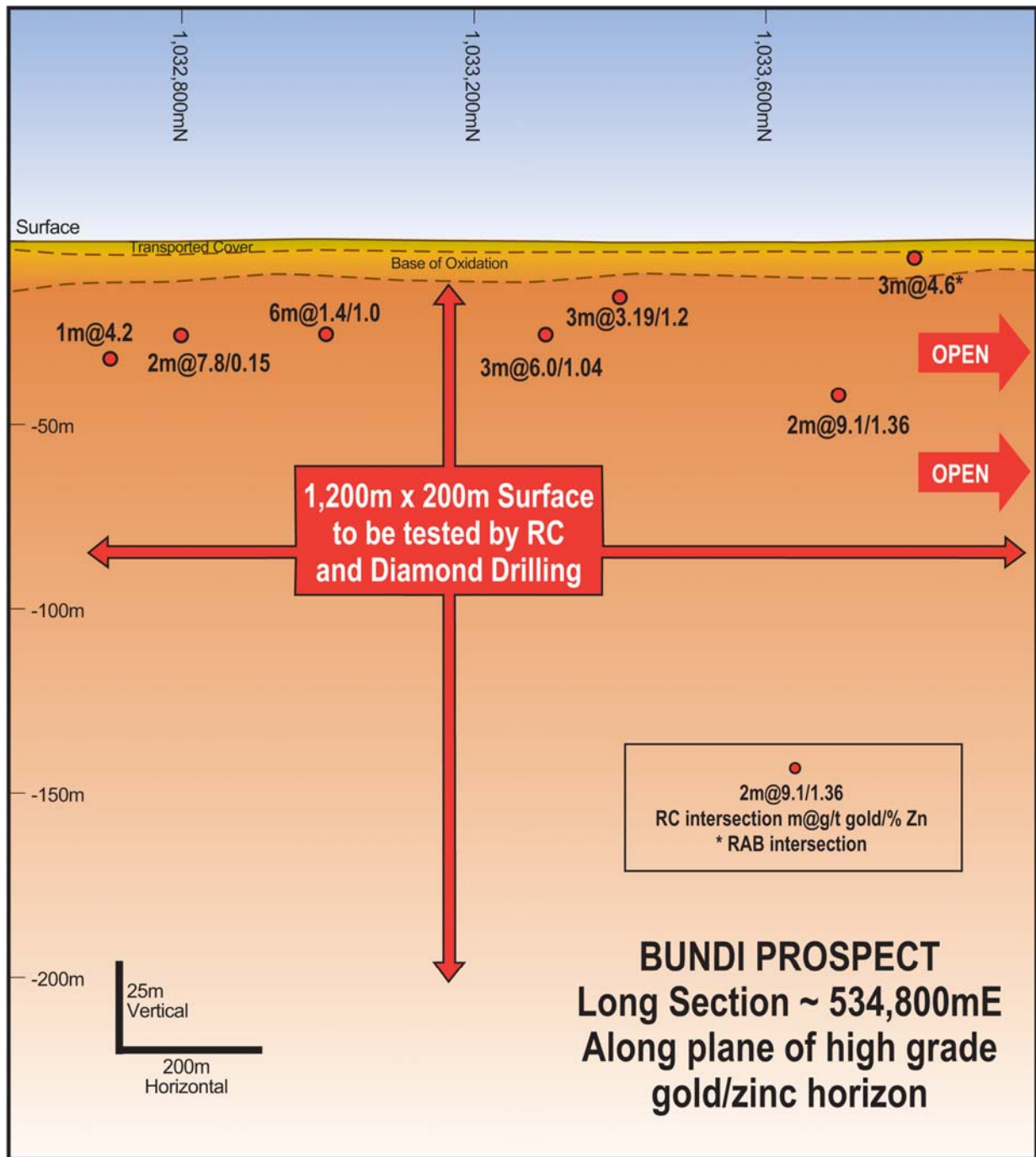
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Castle Project Locations in Ghana



Drill detail showing location of gold and zinc mineralisation from RC drilling defining a high grade gold/zinc horizon.

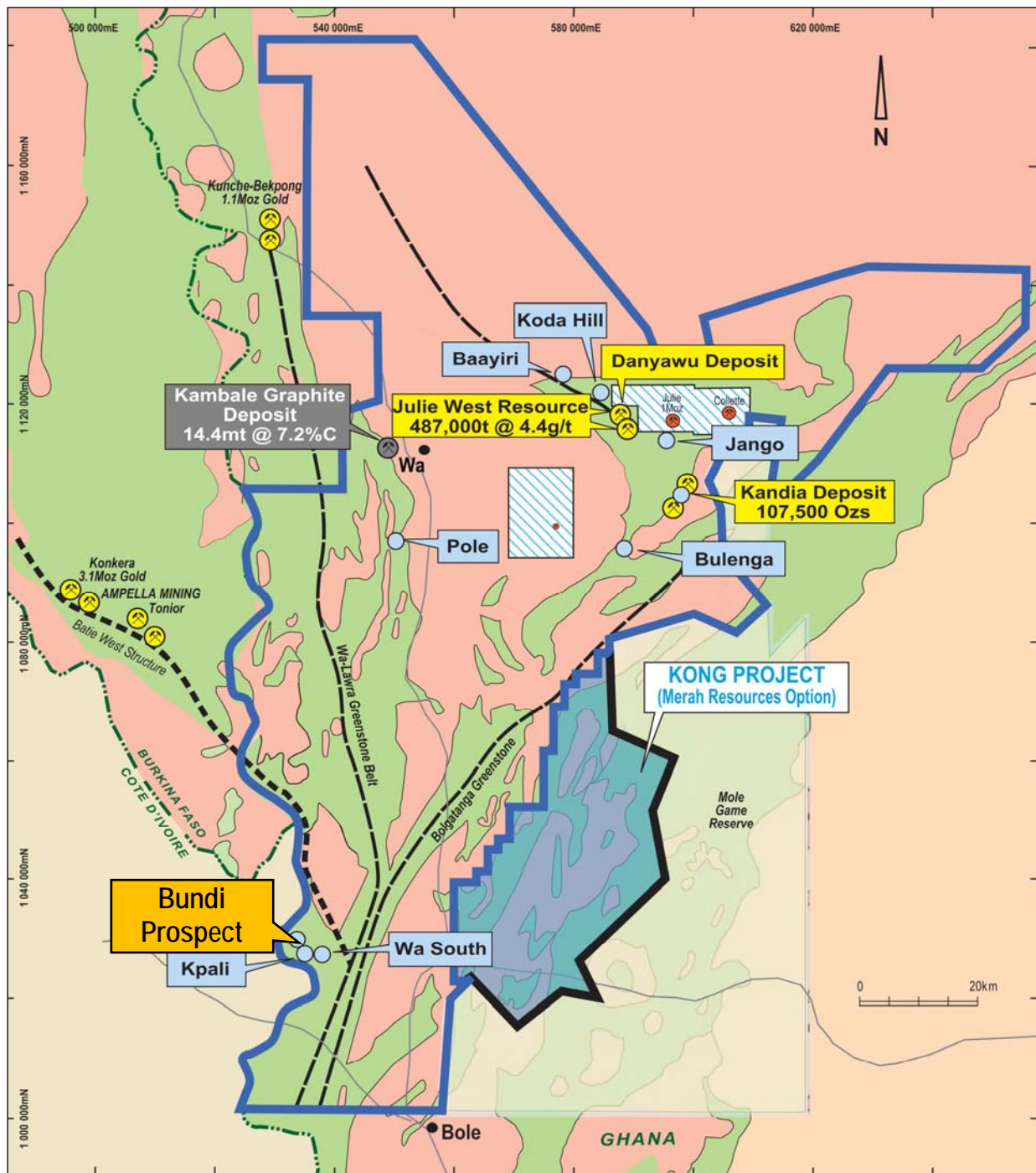


Bundi long section showing RC intercepts that define a high grade gold and zinc horizon. This surface may represent the distal portion of a VMS (volcanogenic massive sulphide) horizon and provides considerable scope for the definition of a high grade gold and or zinc deposit. Drilling is proposed to test this zone over 1200m strike to a depth of approximately 200m. Geophysical surveys will be undertaken towards identifying possible massive sulphide mineralisation.

About Castle:

Castle Minerals listed on the Australian Stock Exchange in May 2006 (ASX code 'CDT') and has since acquired the rights to five mineral projects in Ghana, West Africa including Akoko, Antubia, 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.



Castle's Wa Project in north-west Ghana

## Significant RC Gold Results Individual Metre Splits – Bundi Prospect

Hole Number	Northing	Easting	mRL	Azimuth	Dip	Hole Depth	Gold Intercept
13SWRC025	1033003	534597	227	90	-50	102	1m @ 1.32 g/t gold from 0m
							1m @ 2.06 g/t gold from 5m
							6m @ 1.41 g/t gold from 29m
							1m @ 1.25 g/t gold from 45m
13SWRC026	1033402	534793	219	90	-50	90	3m @ 3.19 g/t gold from 25m
13SWRC027	1033302	534732	222	90	-50	100	1m @ 4.80 g/t gold from 31m
							6m @ 3.32 g/t gold from 37m
						Includes	3m @ 6.0 g/t gold from 40m
13SWRC028	1032798	534511	220	90	-50	85	2m @ 7.87 g/t gold from 40m
						Includes	1m @ 14.39 g/t gold from 41m
13SWRC029	1032703	534473	230	90	-50	85	4m @ 1.38 g/t gold from 52m
						Includes	1m @ 4.2 g/t gold from 52m
13SWRC030	1032603	534426	226	90	-50	92	1m @ 1.49 g/t gold from 77m
13SWRC032	1033697	534869	209	90	-50	100	2m @ 2.63 g/t gold from 51m
							2m @ 9.10 g/t gold from 68m

## Portable XRF Zinc Results - Bundi RC Drilling

Hole Number	Northing	Easting	mRL	Azimuth	Dip	Hole Depth	Intercept
13SWRC025	1033003	534597	227	90	-50	102	24m @ 0.75% Zn from 30m
						includes	5m @ 1.16% Zn from 31m
						includes	2m @ 2.5% Zn from 43m
13SWRC026	1033402	534793	219	90	-50	90	17m @ 0.54% Zn from 22m
						includes	3m @ 1.20% Zn from 25m
13SWRC027	1033302	534732	222	90	-50	100	16m @ 0.5% Zn from 41m
						includes	3m @ 1.04% Zn from 40m
13SWRC032	1033697	534869	209	90	50	100	2m @ 1.36% Zn from 68m

## Significant RAB Gold Results – Bundi Prospect

Hole Number	Northing	Easting	mRL	Azimuth	Dip	Hole Depth	Intercept
13SWRB969	1033802	534920	226	90	-60	8	3m @ 4.67 g/t gold from 5m

Notes:

**RC Gold Analysis** - Assays reported from 1m samples from Reverse Circulation Drilling. Samples were sent to Intertek Laboratories in Tarkwa, Ghana for gold analysis using 50gm Fire Assay Technique. QAQC completed using standards blanks and duplicates. Hole collars picked up by handheld GPS. No top cut applied.

**RAB Gold Analysis** - Assays reported from 5m composite samples from RAB samples. Samples were sent to Intertek Laboratories in Tarkwa, Ghana for gold analysis using 50gm Aqua Regia Technique. QAQC completed using standards blanks and duplicates. Hole collars picked up by handheld GPS. No top cut applied.

**Zinc Analysis** - was completed on one metre bagged RC samples using a handheld portable XRF machine (Niton model XL3t). Multiple readings were taken from anomalous zones to confirm analysis. Results were verified using samples of known zinc value sourced from conventional laboratory analysis of Bundi RAB samples.

*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.*