

June Quarterly Report



Highlights - *Ghana Gold Exploration*

Maiden Resource Estimate Completed for the Kpali Gold Prospect

- Maiden Resource Estimate for the Kpali prospect totals 2.9mt @ 1.1g/t gold for 107,200 ounces
- Kpali resource remains open and displays increasing grade and the strongest mineralisation at depth
- Total gold resources in Ghana increased 29% to 361,700 ounces following the addition of Kandia and updates to the mineral resources for the Akoko and Kandia deposits

Ghana RAB drilling completed with 405 RAB holes drilled for 8,097m

- RAB drilling on the Wa Gold Project for the 2013/14 dry season totalled 1,262 RAB holes for 29,861m
- This work successfully identified the Kpali East gold anomaly and also intersected a number of new graphitic schist horizons that are currently being assessed along with a detailed review of the Company's Kambale graphite deposit that hosts an Inferred Resource of 14.4mt @ 7.2% C (graphitic carbon) for 1.03mt contained graphite.

Corporate

End of quarter cash of \$0.309M. Castle received an additional \$0.13M R&D refund post quarter end and also holds two million Merah shares (ASX:MEH) representing a 6.1% holding in MEH. Castle has 128.5M shares on issue

Castle Minerals Limited
Unit 6, 1 Clive St
West Perth
WA 6005

ACN 116 095 802

PO BOX 437
West Perth
WA 6872
Tel: +618 9322 7018

www.castleminerals.com
Email: info@castleminerals.com

Registered Office
Unit 6, 1 Clive St
West Perth
WA 6005

Ghana Office
PO Box CT9 East Cantonments,
Near NAFTI
Accra, Ghana
Tel: +233 21 771 889

Share Registry Enquiries
Security Transfer Registrars Pty
PO Box 535
Applecross
WA 6953
Tel: (08) 9315 2333
Fax: (08) 9315 2233
www.securitytransfer.com.au

Capital Structure
Quoted Shares: 128.5 million
Unlisted Options: 1.05m @ 40c

ASX Code: CDT

Board Members
Michael Ashforth
Non Executive Chairman

Michael Ivey
Managing Director & CEO

Campbell Ansell
Non Executive Director

Des Kelly
Company Secretary

Wa Project (Castle Minerals 100%)

Exploration on the Company's Wa Project in north west Ghana focussed on the new gold discoveries at Bundi and Kpali. RAB drilling at Wa South continued up to the beginning of the wet season with 405 RAB holes drilled for 8,097m. At Kpali a maiden resource estimate was completed.

Kpali was discovered in 2013 and represents the sixth green fields gold discovery made by Castle in Ghana. Gold mineralisation at Kpali starts a few metres below the surface and it is expected that with further drilling the resource will be materially increased as the deposit remains open and displays increasing grade and the strongest mineralisation at depth.

An Inferred Mineral Resource of 107,200 ozs has been estimated for Kpali as per the summary in Table 1. As a result Castle's total gold inventory for its Ghana Projects has increased by 29% to 362,000 ounces due to the inclusion of maiden resource estimate for Kpali and updates to the mineral resources for the Akoko and Kandia deposits.

Table 1: Kpali Deposit June 2014 Mineral Resource Estimate (All Inferred, 0.5g/t Au Cut-off)

Type	Tonnes t	Au Cut g/t	Au Uncut g/t	Au Cut Ounces	Au Uncut Ounces
Oxide	365,000	1.0	1.0	11,500	12,200
Fresh	2,549,000	1.2	1.2	95,700	97,500
Total	2,914,000	1.1	1.2	107,200	109,700

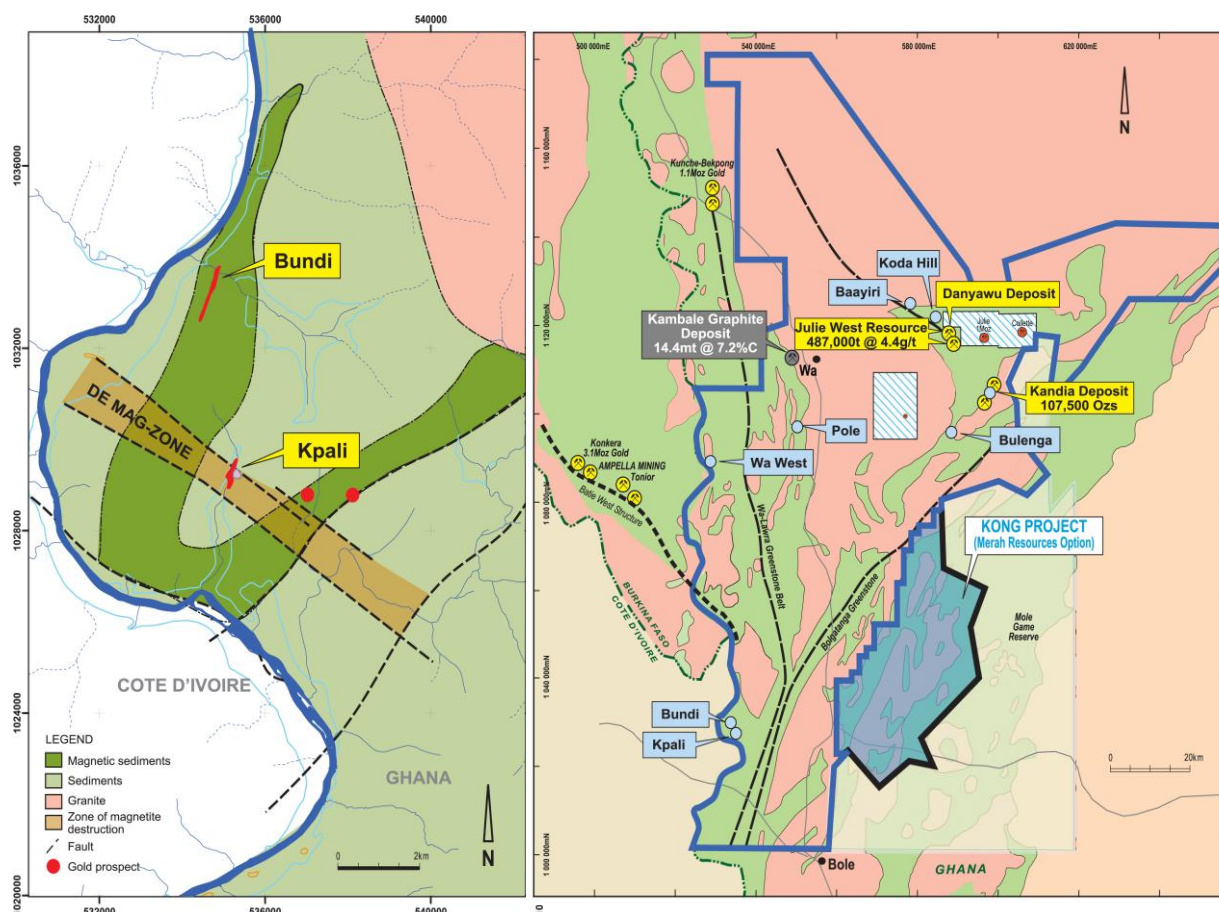


Figure 1: Wa Project prospects and location of Bundi and Kpali prospects in NW Ghana

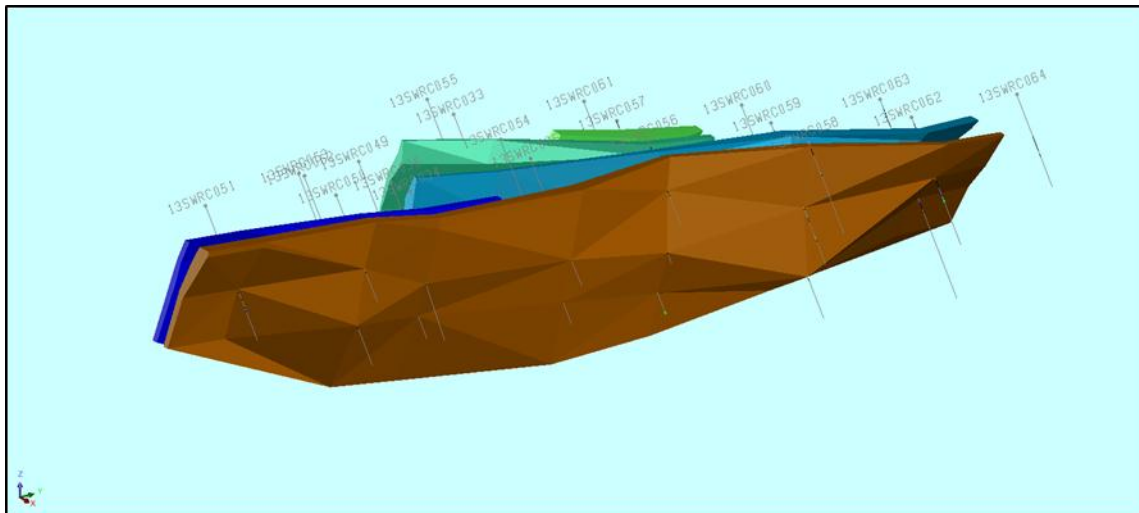


Figure 2: Kpali RC Drilling and Resource Wireframes

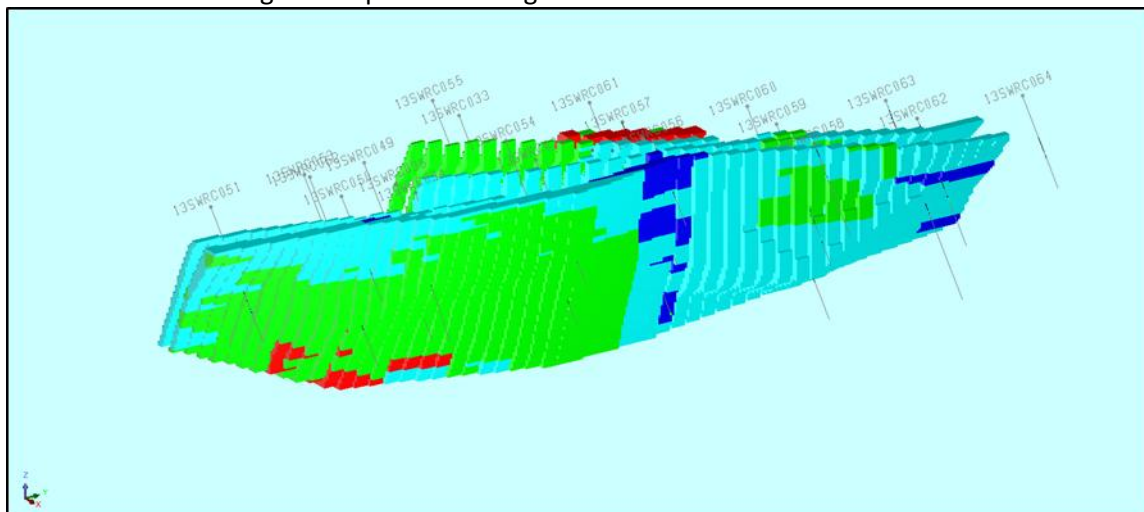


Figure 3: Kpali RC Drilling and Resource Block Model

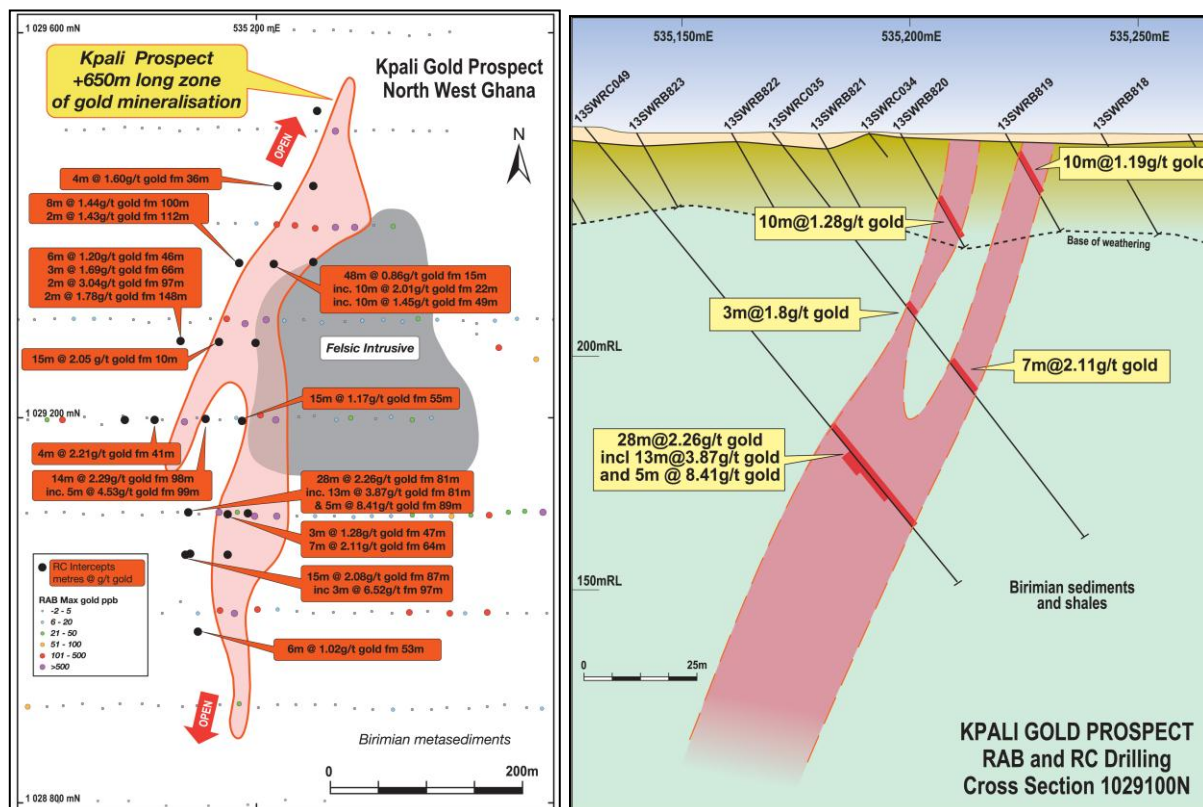


Figure 4: Kpali drill hole plan and intercepts and drill cross section on 1029 100N

Resource Estimate Summaries

The total gold inventory for Castle's Ghana Projects has increased by 29% to 362,000 ounces due to the inclusion of the maiden resource estimates for Kpali and updates to the mineral resources for the Akoko and Kandia deposits.

Resource summaries for all Mineral Resource Estimates are presented below in Table 2 (Some totals may not add exactly due to rounding). Full resource parameters can be found in CDT ASX Release of 2/7/2014.

Table 2 : Mineral Resource Estimates for the Wa and Akoko Gold Projects

Wa Project	Indicated			Inferred			Total			Lower Cutoff
	Tonnes t	Au g/t	Au Ounces	Tonnes t	Au g/t	Au Ounces	Tonnes t	Au g/t	Au Ounces	
Julie West	383,000	4.2	52,100	32,000	4.0	4,100	415,000	4.2	56,200	1.0
Danyawu	72,000	5.5	12,800				72,000	5.5	12,800	1.0
Kandia 8000 Zone				229,000	1.8	13,400	229,000	1.8	13,400	1.0
Kandia 4000 Zone	1,772,000	1.0	57,700	777,000	0.9	21,500	2,549,000	1.0	79,200	0.5
Kpali				2,914,000	1.1	107,200	2,914,000	1.1	107,200	0.5
Wa Project Total	2,227,000	1.7	122,600	3,952,000	1.2	146,200	6,178,000	1.4	268,900	

Akoko Project	Indicated			Inferred			Total			Lower Cutoff
	Tonnes t	Au g/t	Au Ounces	Tonnes t	Au g/t	Au Ounces	Tonnes t	Au g/t	Au Ounces	
Akoko North	448,000	1.6	22,500	517,000	2.8	45,900	965,000	2.2	68,400	0.8
Akoko South				575,000	1.3	24,400	575,000	1.3	24,400	0.8
Total	448,000	1.6	22,500	1,092,000	2.0	70,300	1,540,000	1.9	92,800	

Total Ghana Projects	Indicated			Inferred			Total		
Wa Project	2,227,000	1.7	122,600	3,952,000	1.2	146,200	6,178,000	1.4	268,900
Akoko Project	448,000	1.6	22,500	1,092,000	2.0	70,300	1,540,000	1.9	92,800
Total	2,675,000	1.7	145,100	5,044,000	1.3	216,500	7,718,000	1.5	361,700

The Kandia gold resource was re-estimated for the 4000 Zone. Since the 2011 resource estimate, further RC drilling was undertaken with the objective of defining depth extensions to the mineralisation. A total of 7 new holes were drilled, and two existing RC holes were deepened. Geology and assay results from those holes have now been incorporated into the deposit model. Several of the holes did not intersect mineralisation where expected. This has resulted in reduced depth extent to the mineralisation compared to the 2011 estimate, with a resulting downgrade of the tonnage and contained gold of the deposit with a reduction of 14,800 ozs. There has been no change to the 8000 Zone resource where there was no additional drilling. All other resource parameters remain unchanged from the previous estimate. A summary of the revised Mineral Resource for the deposit is shown in Table 3. The previous estimate is shown in Table 4.

Table 3: Kandia Deposit June 2014 ID2 Mineral Resource Estimate

Type	Indicated			Inferred			Total		
	Tonnes t	Au g/t	Au Ounces	Tonnes t	Au g/t	Au Ounces	Tonnes t	Au g/t	Au Ounces
Oxide	126,000	1.0	4,000	50,000	1.3	2,100	176,000	1.1	6,000
Fresh	1,645,800	1.0	53,800	955,800	1.1	32,900	2,602,000	1.0	86,600
Total	1,772,000	1.0	57,700	1,006,000	1.1	34,900	2,778,000	1.0	92,700

Table 4: Kandia Deposit December 2011 ID2 Mineral Resource Estimate

Type	Indicated			Inferred			Total		
	Tonnes t	Au g/t	Au Ounces	Tonnes t	Au g/t	Au Ounces	Tonnes t	Au g/t	Au Ounces
Oxide	131,300	1.0	4,100	51,000	1.3	2,100	183,000	1.1	6,200
Fresh	1,841,500	1.0	58,700	1,327,200	1.0	42,500	3,169,000	1.0	101,200
Total	1,973,000	1.0	62,900	1,379,000	1.0	44,600	3,351,000	1.0	107,500

Note: For both the 2014 and 2011 estimates, a 0.5g/t Au cut-off has been used for the 4000 Domain, and a 1.0g/t Au cut-off has been used for the 8000 Domain

The Akoko North Gold Resource was re-estimated to incorporate geology, assay data and bulk density data from four diamond drill holes that have been drilled subsequent to the 2011 resource update.

Geology and assay results from those holes have largely confirmed the previous interpretation. Bulk density data from the core has also been analysed and new bulk density parameters were derived for the Akoko North estimate and have also been applied to the Akoko South deposit. The new density parameters are significantly lower than the values assumed for the previous estimates (eg oxide density of 1.78t/m³ compared to 2.1t/m³ previously), resulting in a downgrade of the tonnage and contained gold of the deposits (reduction of 10,500 ozs).

A summary of the revised Mineral Resources for the deposits is shown in Table 5. The previous estimates are shown in Table 6.

Table 5 : Akoko Project June 2014 Mineral Resource Estimate 0.8g/t Au Cut-off

Deposit	Indicated			Inferred			Total		
	Tonnes t	Au g/t	Au Oz	Tonnes t	Au g/t	Au Oz	Tonnes t	Au g/t	Au Oz
Akoko North	448,000	1.6	22,500	517,000	2.8	45,900	965,000	2.2	68,400
Akoko South				575,000	1.3	24,400	575,000	1.3	24,400
Total	448,000	1.6	22,500	1,092,000	2.0	70,300	1,540,000	1.9	92,800

Table 6: Previous Estimates Akoko North (2011) and Akoko South (2009) 0.8g/t Au Cut-off

Deposit	Indicated		Inferred		Total		
	Tonnes t	Gold g/t	Tonnes t	Gold g/t	Tonnes t	Gold g/t	Gold Ounces
Akoko North	525,000	1.6	578,000	2.7	1,103,000	2.2	77,400
Akoko South			610,300	1.3	610,300	1.3	25,900
Total	525,000	1.6	1,188,300	2.0	1,713,300	1.9	103,300

Wa South RAB Drilling

RAB drilling at Wa South continued up to the beginning of the wet season with 405 RAB holes drilled for 8,097m during the quarter. Total 2013/14 dry season RAB drilling on the Wa Gold Project totalled 1,262 RAB holes for 29,861m.

This drilling targeted high priority VTEM targets, a belt of possibly folded magnetically active sediments that hosts the Bundi and Wa gold prospects and a distinct NW-SE de-magnetised zone considered highly prospective for gold and base metal mineralisation.

Final drill data is currently being assessed, to date this work has defined a strong new gold target at Kpali East (refer CDT ASX Release 20/3/2014) and a number of other gold anomalies that are currently being evaluated. In addition, a number of the VTEM targets tested intersected graphitic schists. Graphitic schists are highly conductive and likely explain the VTEM anomalies. The schist units are currently being assessed for their graphite potential. To date the RAB holes have only been assayed for gold and base metals. The Wa Project is known to host graphite deposits and 60km to the north Castle's Kambale graphite deposit, hosts an Inferred Resource of 14.4mt @ 7.2%C (graphitic carbon) for 1.03mt contained graphite (refer CDT ASX release 24/7/2012).

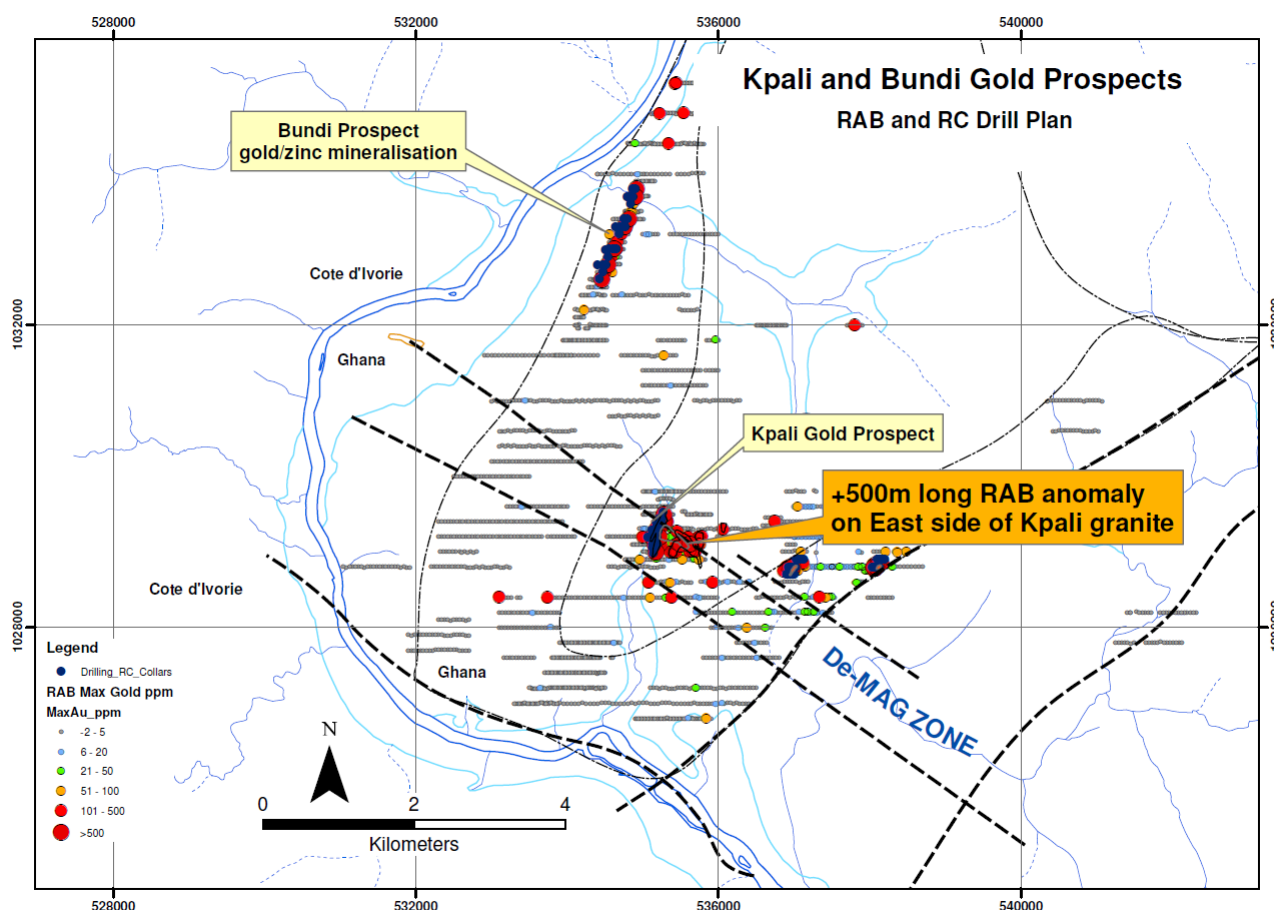


Figure 5: RAB drill hole plan for the Wa South area that shows the recently discovered Bundi and Kpali deposits and the newly defined Kpali East gold anomaly

Antubia and Kong Projects

In March 2013 Castle signed option agreements with Merah Resources Limited (ASX:MEH) to acquire Castle's 100% interest in the Antubia and Kong gold Projects.

Merah has exercised its option to acquire the Antubia Project completed in January 2014 but advised in July 2014 that the Kong agreement has now expired. As a consequence Merah no longer has an option to acquire Castle's legal and beneficial right to the Kong project in Ghana. The Company's option over the Antubia project in Ghana remains unaffected.

Castle holds 2 Million Merah shares (ASX:MEH) that were issued to Castle as part consideration for the Antubia gold project option to purchase. This shareholding represents a 6.1% holding in MEH.

Corporate

Cash Position

End of quarter cash of \$0.309M and Castle has a total of 128,492,519 shares on issue. Castle received an additional \$0.13M R&D refund post quarter end. Overhead, corporate and exploration cost reductions continue to be implemented.

For further information please contact:

Michael Ivey

Managing Director & CEO

+61(8) 9322 7018

www.castleminerals.com

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 Antubia Project is 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.

COMPETENT PERSONS STATEMENT

Information in this announcement that relates to Exploration Results and Mineral Resources 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 consultant to 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 2012 JORC Code. Michael Ivey consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Summary of Exploration Tenements at 31 March 2014

Location	Tenement Name	Tenement Reference	Percentage Held
Antubia, Ghana	Boizan	PL2/400	100*
Antubia, Ghana	Antubia (Juabeso)	PL2/399	100*
Bondaye, Ghana	Bondaye	Application	100
Akoko, Ghana	Akoko	PL. 2/398	100
Akoko, Ghana	Akoko West	PL. 2/425	100
Opon Mansi, Ghana	Opon Mansi	Application	100
Wa, Ghana	Wonachiyiri	Application	100
Wa, Ghana	Jang	RL. 10/23	100
Wa, Ghana	Julie West	PL. 10/13	100
Wa, Ghana	Wa	RL. 10/13	100
Wa, Ghana	Degbiwu	PL 10/26	100
Wa, Ghana	Bulenga	PL 10/23	100
Wa, Ghana	Charingu	PL 10/25	100
Wa, Ghana	Kandia	Application	100
Wa, Ghana	Baayiri	PL 10/24	100
Wa, Ghana	Kunche Trend 1	Application	100
Wa, Ghana	Kunche Trend 2	Application	100
Wa, Ghana	Sawla	PL.10/34	100
Wa, Ghana	Sawla East	PL.10/32	100
Wa, Ghana	Sawla South	PL.10/29	100
Wa, Ghana	Jandra	PL.10/33	100
Wa, Ghana	Jandra North	PL 10/28	100
Wa, Ghana	Tuna	PL.10/31	100
Wa, Ghana	Jang North	PL.10/30	100
Wa, Ghana	Jang North West	PL.10/27	100
Wa, Ghana	Gbinyiri	RL. 8/27	100
Wa, Ghana	Gurungu	RL. 8/28	100
Wa, Ghana	Jumo	RL. 8/31	100
Wa, Ghana	Chasia	RL. 8/30	100
Wa, Ghana	Perisi	RL. 8/29	100
Wa, Ghana	Funsi	Application	100
Wa, Ghana	Kambale	PL10/47	100

*Tenements under Option/Sale Agreement to Merah Resources (ASX:MEH) where MEH may acquire a 100% interest

Government of Ghana has the right to acquire a 10% free carried interest in all tenements

Appendix 5B

Mining exploration entity and oil and gas exploration entity quarterly report

Introduced 01/07/96 Origin Appendix 8 Amended 01/07/97, 01/07/98, 30/09/01, 01/06/10, 17/12/10, 01/05/2013

Name of entity

Castle Minerals Limited

ABN

83 116 095 802

Quarter ended ("current quarter")

30 June 2014

Consolidated statement of cash flows

		Current quarter \$A'000	Year to date (12 months) \$A'000
Cash flows related to operating activities			
1.1	Receipts from product sales and related debtors	-	-
1.2	Payments for (a) exploration & evaluation	(284)	(1,237)
	(b) development	-	-
	(c) production	-	-
	(d) administration	(28)	(367)
1.3	Dividends received	-	-
1.4	Interest and other items of a similar nature received	2	41
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Other (provide details if material)		
	• R&D tax concession	-	175
	• Other	5	17
Net Operating Cash Flows		(305)	(1,371)
Cash flows related to investing activities			
1.8	Payment for purchases of: (a) prospects	-	-
	(b) equity investments	-	-
	(c) other fixed assets	-	(41)
1.9	Proceeds from sale of: (a) prospects	-	85
	(b) equity investments	-	-
	(c) other fixed assets	-	-
1.10	Loans to other entities	-	-
1.11	Loans repaid by other entities	-	-
1.12	Other (provide details if material)	-	-
Net investing cash flows		-	44
1.13	Total operating and investing cash flows (carried forward)	(305)	(1,327)

+ See chapter 19 for defined terms.

Appendix 5B**Mining exploration entity and oil and gas exploration entity quarterly report**

1.13	Total operating and investing cash flows (brought forward)	(305)	(1,327)
	Cash flows related to financing activities		
1.14	Proceeds from issues of shares, options, etc.	-	-
1.15	Proceeds from sale of forfeited shares	-	-
1.16	Proceeds from borrowings	-	-
1.17	Repayment of borrowings	-	-
1.18	Dividends paid	-	-
1.19	Other (provide details if material)	-	-
	Net financing cash flows	-	-
	Net increase (decrease) in cash held	(305)	(1,327)
1.20	Cash at beginning of quarter/year to date	614	1,637
1.21	Exchange rate adjustments to item 1.20	-	(1)
1.22	Cash at end of quarter	309	309

Payments to directors of the entity, associates of the directors, related entities of the entity and associates of the related entities

		Current quarter \$A'000
1.23	Aggregate amount of payments to the parties included in item 1.2	34
1.24	Aggregate amount of loans to the parties included in item 1.10	-
1.25	Explanation necessary for an understanding of the transactions Item 1.23 includes aggregate amounts paid to directors including salary, directors' fees, consulting fees and superannuation	

Non-cash financing and investing activities

- 2.1 Details of financing and investing transactions which have had a material effect on consolidated assets and liabilities but did not involve cash flows

- 2.2 Details of outlays made by other entities to establish or increase their share in projects in which the reporting entity has an interest

+ See chapter 19 for defined terms.

Appendix 5B

Mining exploration entity and oil and gas exploration entity quarterly report

Financing facilities available

Add notes as necessary for an understanding of the position.

	Amount available \$A'000	Amount used \$A'000
3.1 Loan facilities	Nil	Nil
3.2 Credit standby arrangements	Nil	Nil

Estimated cash outflows for next quarter

	\$A'000
4.1 Exploration and evaluation	50
4.2 Development	-
4.3 Production	-
4.4 Administration	30
Total	80

Reconciliation of cash

Reconciliation of cash at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts is as follows.

	Current quarter \$A'000	Previous quarter \$A'000
5.1 Cash on hand and at bank	108	364
5.2 Deposits at call	201	250
5.3 Bank overdraft	-	-
5.4 Other (provide details)	-	-
Total: cash at end of quarter (item 1.22)	309	614

Changes in interests in mining tenements and petroleum tenements

	Tenement reference and location	Nature of interest (note (2))	Interest at beginning of quarter	Interest at end of quarter
6.1 Interests in mining tenements and petroleum tenements relinquished, reduced or lapsed				
6.2 Interests in mining tenements and petroleum tenements acquired or increased				

Issued and quoted securities at end of current quarter

Description includes rate of interest and any redemption or conversion rights together with prices and dates.

+ See chapter 19 for defined terms.

Appendix 5B**Mining exploration entity and oil and gas exploration entity quarterly report**

	Total number	Number quoted	Issue price per security (see note 3) (cents)	Amount paid up per security (see note 3) (cents)
7.1 Preference ⁺securities <i>(description)</i>				
7.2 Changes during quarter				
(a) Increases through issues				
(b) Decreases through returns of capital, buy-backs, redemptions				
7.3 ⁺Ordinary securities	128,492,519	128,492,519		
7.4 Changes during quarter				
(a) Increases through issues				
(b) Decreases through returns of capital, buy-backs				
7.5 ⁺Convertible debt securities <i>(description)</i>				
7.6 Changes during quarter				
(a) Increases through issues				
(b) Decreases through securities matured, converted				
7.7 Options <i>(description and conversion factor)</i>	1,050,000	-	<i>Exercise price</i> 40 cents	<i>Expiry date</i> 1 September 2016
7.8 Issued during quarter				
7.9 Exercised during quarter				
7.10 Expired during quarter				
7.11 Performance Rights	2,000,000	-	<i>Expiry date</i> 22 November 2016	
7.12 Issued during quarter				
7.13 Exercised during quarter				
7.14 Expired/cancelled during quarter				

Compliance statement

- 1 This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Act or other standards acceptable to ASX (see note 5).
- 2 This statement does ~~/does not~~* *(delete one)* give a true and fair view of the matters disclosed.

Sign here:

Date: 25 July 2014

(Company secretary)

Print name:

Desmond J Kelly

+ See chapter 19 for defined terms.

Notes

- 1 The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity wanting to disclose additional information is encouraged to do so, in a note or notes attached to this report.
- 2 The "Nature of interest" (items 6.1 and 6.2) includes options in respect of interests in mining tenements and petroleum tenements acquired, exercised or lapsed during the reporting period. If the entity is involved in a joint venture agreement and there are conditions precedent which will change its percentage interest in a mining tenement or petroleum tenement, it should disclose the change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.
- 3 **Issued and quoted securities** The issue price and amount paid up is not required in items 7.1 and 7.3 for fully paid securities.
- 4 The definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report.
- 5 **Accounting Standards** ASX will accept, for example, the use of International Financial Reporting Standards for foreign entities. If the standards used do not address a topic, the Australian standard on that topic (if any) must be complied with.

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