

11<sup>th</sup> June 2009



## Three New Gold Veins Confirmed at Wa Project

Castle Minerals Limited (ASX: CDT) is pleased to advise that recent reverse circulation drilling at Castle's 8,200m<sup>2</sup> Wa gold project in north west Ghana has confirmed the presence of three mineralised open ended quartz reefs.

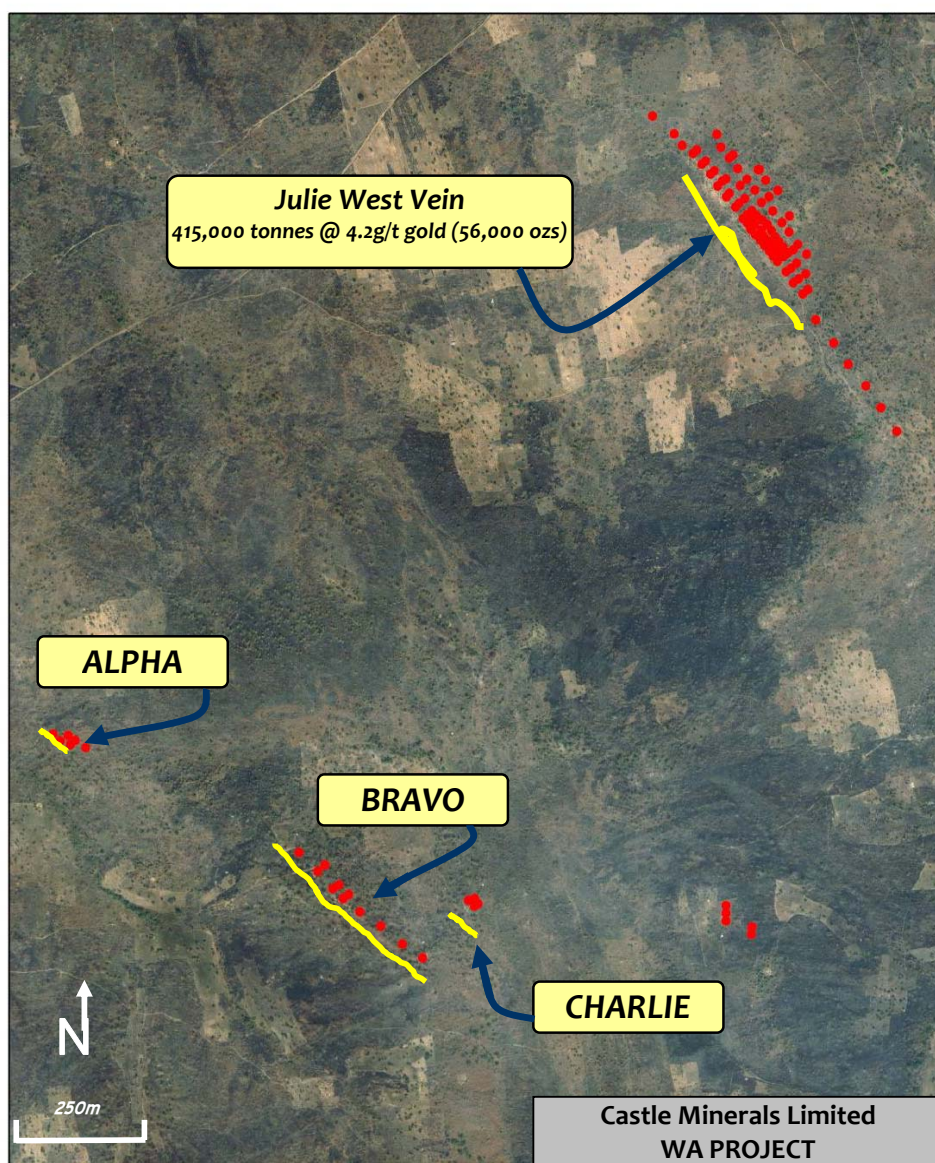
Thirty six holes were drilled for a total of 2,059m testing a number of vein targets and soil anomalies.

Three quartz veins (Alpha, Bravo and Charlie) have been confirmed to host high grade gold mineralisation that outcrops or commences very close to the surface. All veins are open ended and appear similar in style to the high grade Julie West vein located 2km to the north east. Down dip and strike extents remain to be tested.

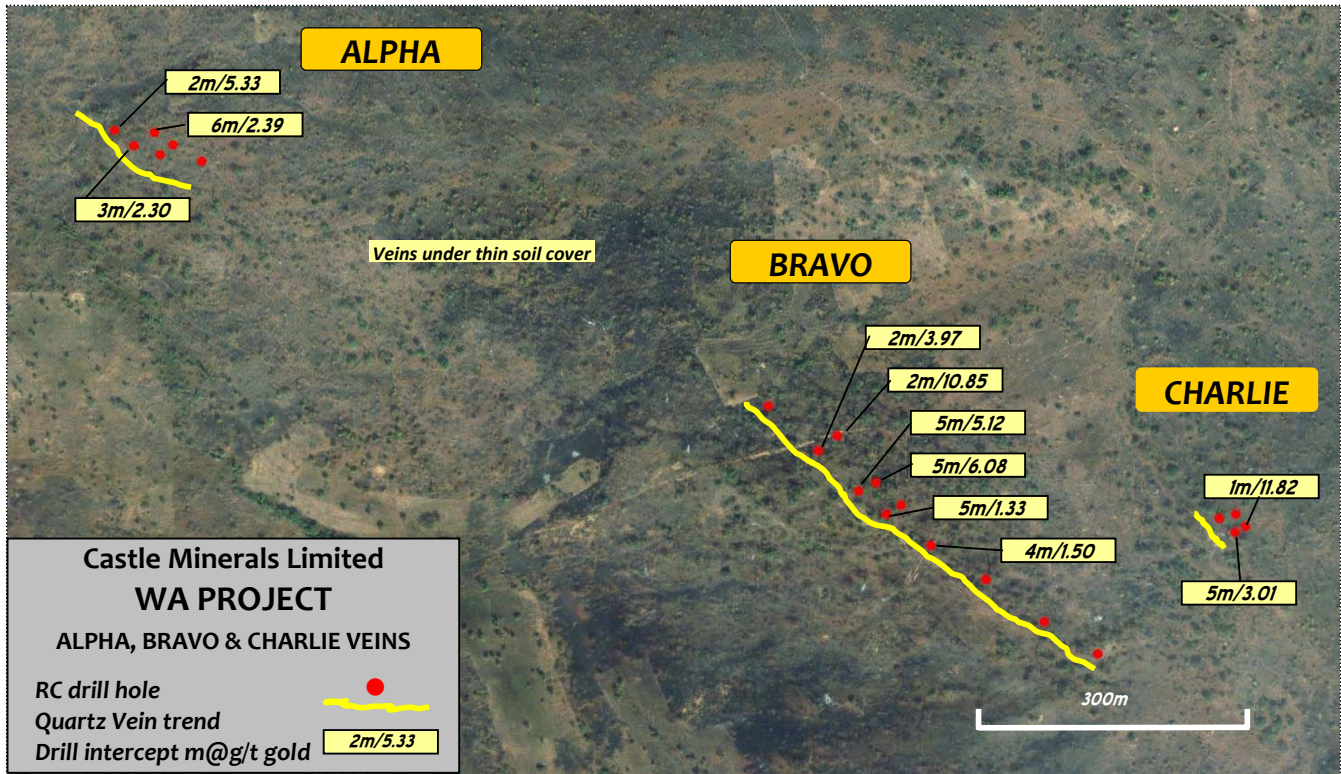
The new veins are interpreted to strike over a 1,200m long area before disappearing under thin soil cover. It is likely that the veins either continue under cover and/or other veins exist in the project area.

The area is known to host numerous other veins that on preliminary evaluation appear to be of similar style and provide further valid exploration targets.

Drilling the on-strike extensions to the Julie West vein intersected varying amounts of vein material, however gold mineralisation reported was of low tenor. The vein remains open along strike and drilling has yet to determine the limits of the vein.







*Prospecting shafts at the Charlie vein (left) and open stopes with timber supports (above) used by artisanal miners at Charlie.*

### Exercise of Option with Newmont Ghana Gold

In 2007 Castle signed an option agreement with Newmont Ghana Gold Limited (NGGL) to acquire a 100% interest in the 8,200 km<sup>2</sup> Wa project. Castle was required to spend a minimum of US\$300,000 on project expenditure within 12 months of the approval of the agreement by the Ghana Minister of Mines. Castle met the minimum work expenditure within the time provided in the agreement and has exercised its option to acquire a 100% interest in the project by meeting the expenditure commitment and issuing 600,000 options in Castle Minerals Ltd with an exercise price of \$0.30 per share to NGGL.

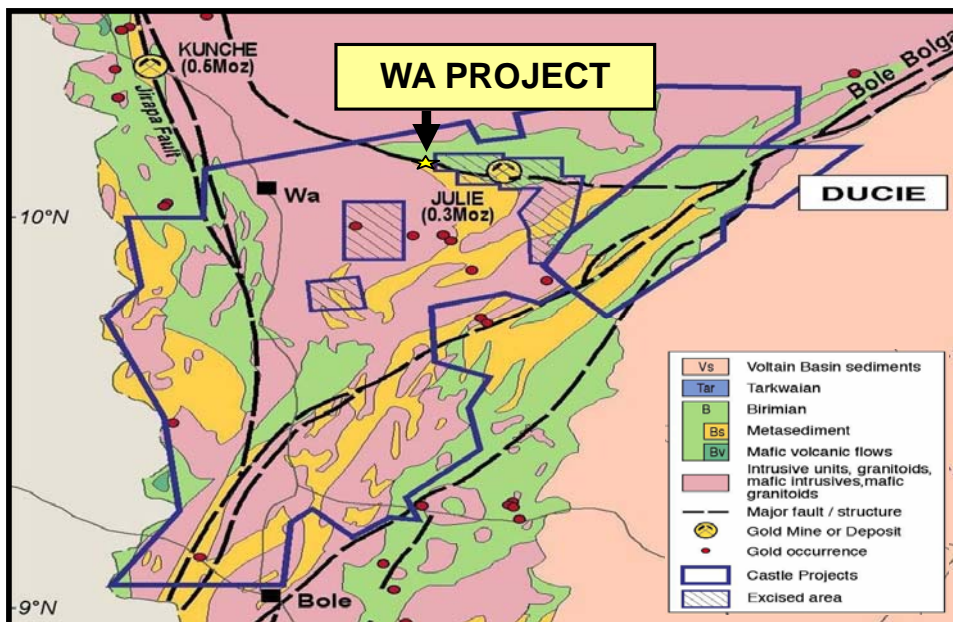
### Metallurgical Testwork

Metallurgical testwork was completed on Julie West oxide and primary samples. The metallurgical testwork was developed by METS and performed by Australian Metallurgical & Mineral Testing Consultants (AMMTEC) in Perth. The testwork programme was performed on five reverse circulation (RC) drilling chips. Two RC composite samples were formed from the samples supplied representing an oxide and primary sample. Head assay gold analysis was performed for each composite and the composite treated to evaluate the gold recoverable by gravity and the gold recoverable by carbon in leach (CIL) processing.

#### Julie West Project - Testwork summary

	Element	Oxide	Primary
Head Assay, g/t	Gold	44.8	10.2
	Silver	7.5	<2
Calculated Head Assay, g/t	Gold	49.2	8.3
	Silver	6	1.7
Gravity Recovery, %	Gold	8.11	18.2
	Silver	8.04	16.2
Gravity plus 24 hour leach, %	Gold	94.7	62.7
	Silver	90.7	70
Gravity plus 48 hour leach, %	Gold	96.4	69.7
	Silver	93.3	71.2

This testwork indicates that the oxide ore is free milling and presents few issues, however the primary ore may have a refractory component and should be subject to more testwork. Bulk Leach Extractable Gold (BLEG) testwork by Castle on 20 individual drill samples (oxide and primary) reported an average recovered grade of 92.3% for a 24 hour leach. Further testwork is required to establish the exact metallurgical characteristics of the primary mineralisation.



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## Significant Drilling Intercepts

Grid:	Local						
Prospect:	Julie West						
Project:	Wa						
Hole Number	Northing	Easting	mRL	Grid Az.	Dip	Hole Depth	Intercept
JWRC070	20198	10089	246	0	-90	120	1m @ 2.36 ppm Au from 96m
JWRC073	19956	10129	244	0	-90	132	3m @ 1.44 ppm Au from 110m
JWRC076	20363	9973	244	270	-50	42	1m @ 0.67 ppm Au from 0m 1m @ 1.34 ppm Au from 16m
JWRC077	20282	9990	245	270	-50	42	5m @ 1.25 ppm Au from 10m
JWRC078	20241	9988	246	270	-50	42	1m @ 0.97 ppm Au from 8m
JWRC086	18400	8723	266	180	-50	42	1m @ 0.87 ppm Au from 30m
JWRC093	19199	7838	277	270	-50	66	4m @ 1.50 ppm Au from 7m
JWRC094	19258	7843	275	270	-50	50	1m @ 0.75 ppm Au from 21m 1m @ 0.65 ppm Au from 24m 1m @ 1.22 ppm Au from 28m 1m @ 1.88 ppm Au from 33m 2m @ 2.46 ppm Au from 38m
JWRC095	19297	7839	273	270	-50	60	5m @ 6.08 ppm Au from 23m <i>Includes</i> 1m @ 22.27 ppm Au from 27m 5m @ 1.49 ppm Au from 43m
JWRC096	19369	7841	270	270	-50	54	2m @ 10.85 ppm Au from 44m <i>Includes</i> 1m @ 12.50 ppm Au from 44m
JWRC099	20127	7486	254	270	-50	36	1m @ 0.54 ppm Au from 12m 1m @ 0.95 ppm Au from 21m
JWRC100	20152	7480	253	270	-50	48	6m @ 2.39 ppm Au from 20m
JWRC101	20184	7447	251	270	-50	45	2m @ 5.33 ppm Au from 9m
JWRC102	18988	8115	280	270	-50	36	5m @ 3.01 ppm Au from 11m
JWRC103	18986	8128	280	270	-50	48	1m @ 11.82 ppm Au from 12m

*Notes: Minimum Intersection Length = 1m, Interval Top Cut = 999.00 ppm Au, Interval Bottom Cut = 0.50 ppm Au, Maximum Internal Dilution = 2m, Reporting Assays Greater than 10.00 ppm Au*

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 announcement of the matters based on his information in the form and context in which it appears.