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ASX Announcement

High Grade Gold Intercepts Extend Akoko North

New High Grade East Lode Discovered

Castle Minerals Limited (ASX:CDT) is pleased to announce that RC drilling completed in December 2009 has discovered a **significant extension to the Akoko North deposit and discovered a new high grade east lode**. Gold mineralisation for both these zones remains completely open to the south and at depth. An RC rig has returned to site to follow up these results as well as drill testing the Akoko South and Akoko West prospects.

Wide spaced reconnaissance RC drilling was completed on 200m spaced lines south along strike of the existing Akoko North resource (1.4Mt @ 1.7g/t gold) and returned the following significant results.

6m @ 4.94 g/t gold from 13m (ANRC 51)
4m @ 29.2 g/t gold from 26m (ANRC 51)
2m @ 5.89 g/t gold from 38m (ANRC 51)
5m @ 3.52 g/t gold from 13m (ANRC 49)
1m @ 47.8 g/t gold from 94m (ANRC 56)

The geometry and geological setting of the mineralisation appears consistent with Akoko North with drill defined gold mineralisation now continuous over 1,500m of strike. **Strong gold geochemical anomalies extend a further 800m south of the current limit of drilling and remain to be tested. It is considered probable that further gold mineralisation will be discovered as this zone is drill tested.**

New High Grade East Lode Discovered

Previous drilling by Castle at Akoko North reported a primary intercept of 1m @ 84.5g/t gold from 40m on the then south eastern limit of drilling. A deeper hole beneath this intercept returned 1m @ 47.8 g/t gold from 94m down hole and like the earlier intercept was also hosted within a zone of silica/pyrite alteration. This new zone requires drill testing at depth and along strike to determine the continuity and extent of this very high grade mineralisation.

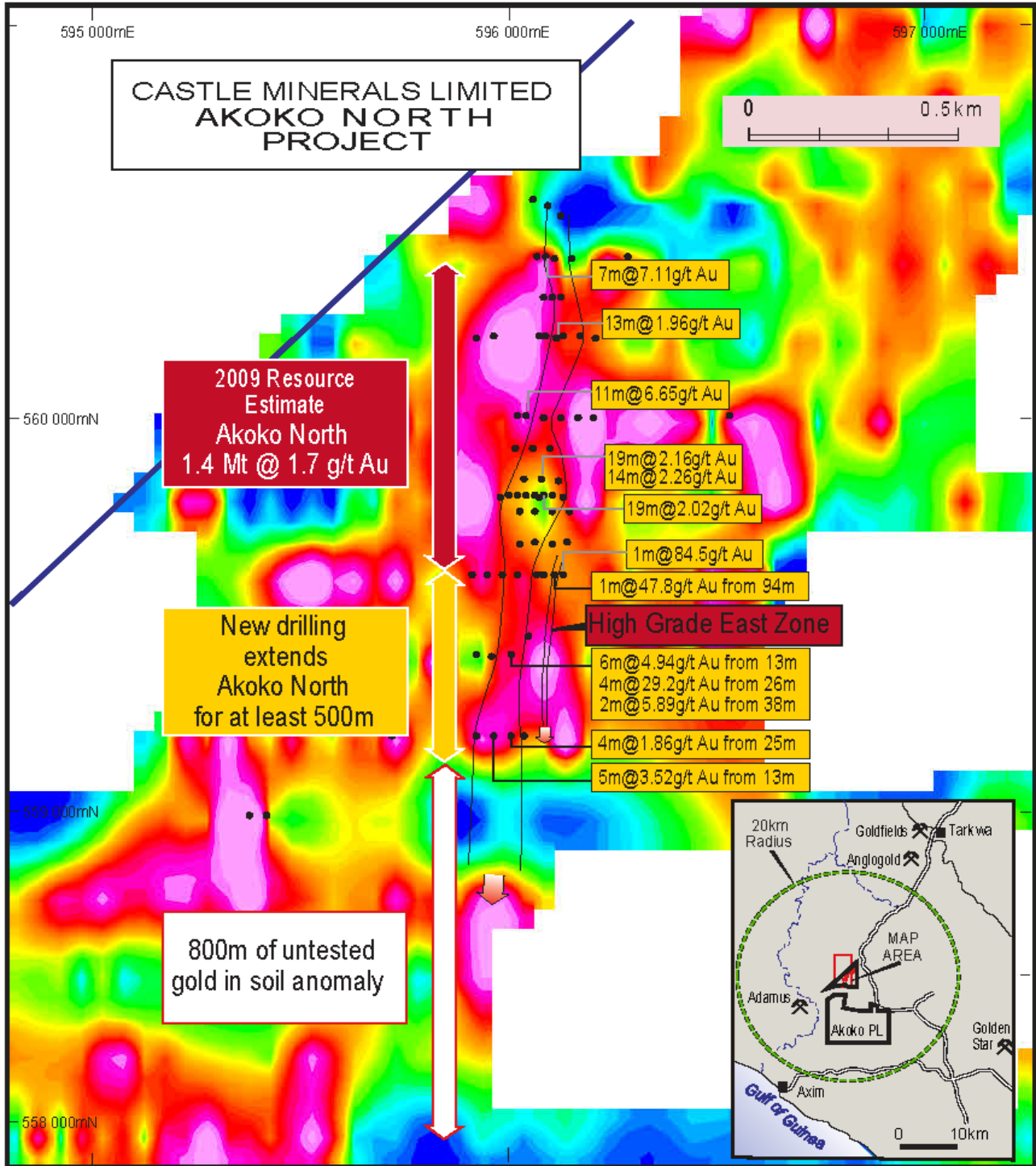
Castle's Managing Director, Mr Mike Ivey, said "these results are very encouraging and should ultimately lead to a significantly increased resource. The mineralised horizons are high grade and very shallow making them ideally suited to open pit extraction, in addition we appear to have discovered a high grade lode system 60m to the east of the main zone that has excellent potential to add high value ounces."

RC drilling has recommenced onsite to follow up these results and test the Akoko South prospect and Akoko West soil anomaly 12km to the south.

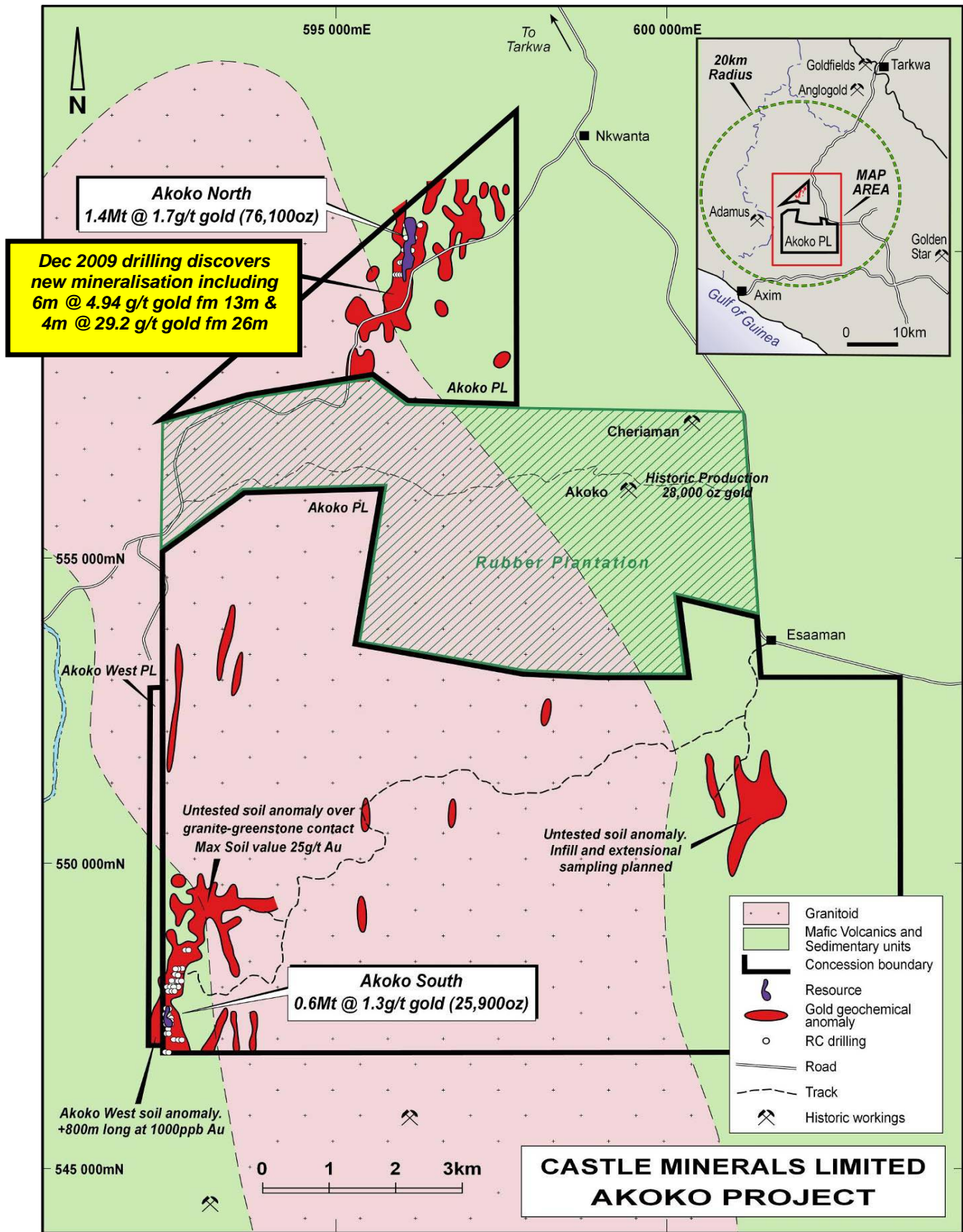
Project Background

The Akoko Project is located 25km south of Tarkwa in south west Ghana in the prolific gold producing Ashanti belt. Gold mineralisation was first discovered on this greenfields project by Castle in late 2007. Since that time Castle has undertaken six RC drill programs and defined substantial oxide gold mineralisation at the Akoko North and Akoko South prospects.

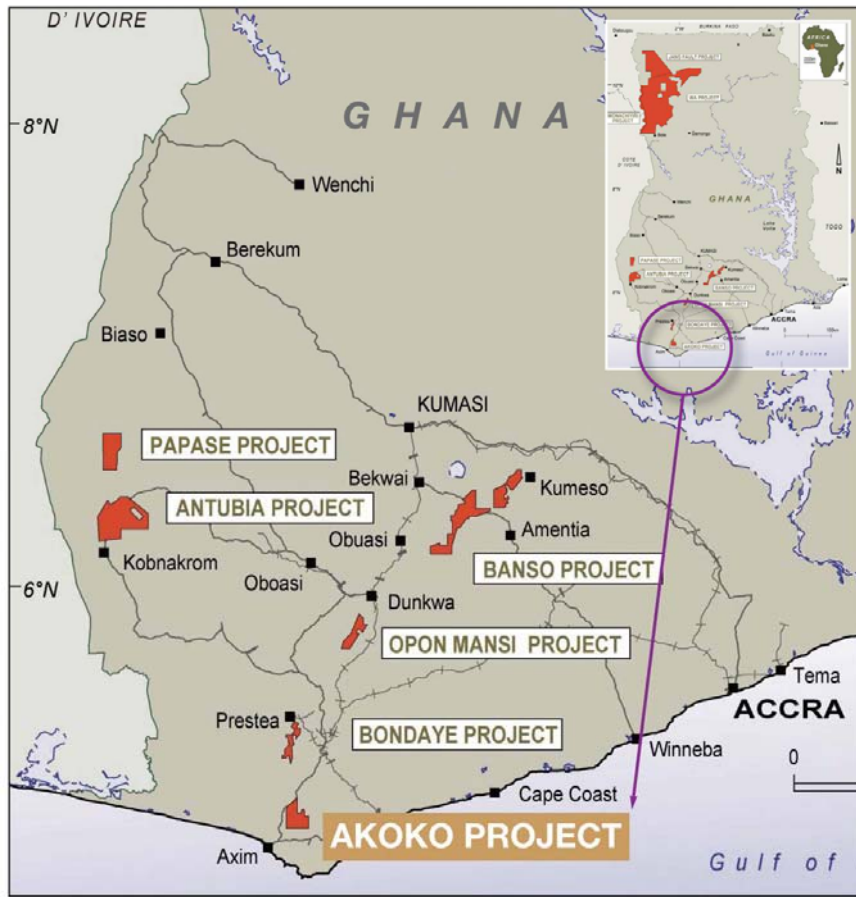
Castle Minerals is the largest landholder in Ghana with 7 Projects covering more than 11,000km².



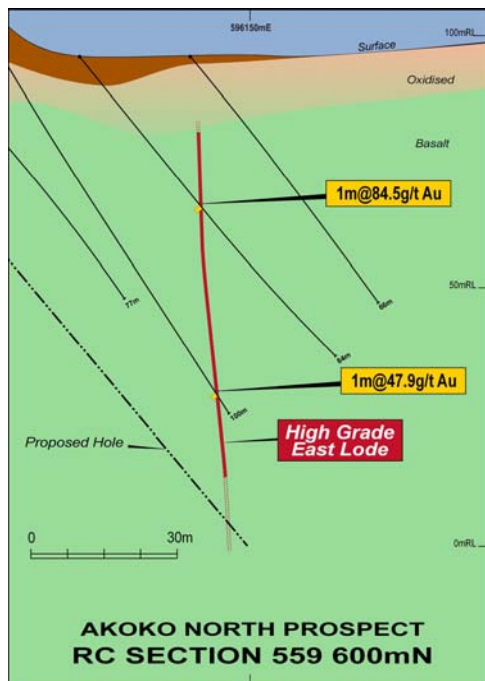
Akoko North gold corridor with soil geochemistry and RC drilling



Akoko Gold Project



Ghana Exploration Projects



High Grade East Lode at Akoko North with proposed drill hole

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Significant RC Drilling Intercepts

Grid: UTM		Prospect: Akoko North		Project: Akoko			
Hole Number	Northing	Easting	Grid Az.	Dip	Hole Depth	Intercept	
ANRC045	559000	595382	90	-50	69	1m @ 3.12 ppm Au from 0m 1m @ 0.76 ppm Au from 6m	
ANRC048	559199	595921	90	-50	75	1m @ 3.05 ppm Au from 0m 1m @ 1.05 ppm Au from 20m 1m @ 0.80 ppm Au from 53m 3m @ 1.31 ppm Au from 62m	
ANRC049	559200	595962	95	-50	66	5m @ 3.52 ppm Au from 13m	
ANRC050	559198	596000	90	-50	66	1m @ 0.73 ppm Au from 22m 4m @ 1.86 ppm Au from 25m	
ANRC051	559421	595999	90	-50	66	6m @ 4.94 ppm Au from 13m 4m @ 29.24 ppm Au from 26m <i>Includes</i> <i>And</i> 1m @ 60.84 ppm Au from 27m 1m @ 48.33 ppm Au from 29m 2m @ 5.89 ppm Au from 38m	
ANRC052	559450	596042	80	-50	66	1m @ 0.71 ppm Au from 4m	
ANRC055	559600	596112	90	-50	66	1m @ 1.30 ppm Au from 24m	
ANRC056	559601	596082	90	-60	100	1m @ 0.88 ppm Au from 5m 2m @ 2.14 ppm Au from 9m 1m @ 0.90 ppm Au from 92m 1m @ 47.88 ppm Au from 94m	
ANRC057	559800	596063	0	-90	20	9m @ 1.85 ppm Au from 3m 1m @ 0.55 ppm Au from 13m 1m @ 0.76 ppm Au from 16m	
ANRC058	559801	596099	0	-90	40	1m @ 4.10 ppm Au from 18m 1m @ 2.90 ppm Au from 25m 1m @ 3.01 ppm Au from 29m 1m @ 2.00 ppm Au from 36m	
ANRC061	559999	596195	90	-50	72	1m @ 1.06 ppm Au from 8m 2m @ 1.19 ppm Au from 14m 1m @ 0.95 ppm Au from 39m 1m @ 1.39 ppm Au from 60m 1m @ 0.80 ppm Au from 67m	
ANRC062	560300	596090	0	-90	80	1m @ 0.88 ppm Au from 23m 1m @ 1.23 ppm Au from 31m	
ANRC065	560499	596123	90	-50	78	1m @ 12.37 ppm Au from 67m	
ANRC066	560298	596102	90	-50	80	1m @ 0.42 ppm Au from 20m	
ANRC067	560300	596118	90	-50	86	5m @ 1.92 ppm Au from 25m	
ANRC068	559996	596520	90	-50	80	2m @ 0.87 ppm Au from 35m	

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 15.00 ppm Au

Final assay results from 1m RC drill samples riffle split on site.

Assay results from Transworld Laboratories (Intertek) Tarkwa, Ghana. Analysis for gold by 50 gram Fire Assay.

Reference samples, duplicates and blanks were routinely submitted and reported results were within acceptable limits.

Drill hole collars were surveyed by handheld GPS to an average accuracy of +/-5m

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 sed on his information in the form and context in which it appears.