

## ASX Release

31 October 2013

### SIGNATURE METALS LIMITED

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Mt Clear, Victoria, Australia

ASX:SBL

#### Directors:

Raymond Tan – Non-Executive Chairman  
Peter Chen – Executive Director  
Roland Selvanayagam – Non-Executive Director  
Denis Clarke – Non-Executive Director

#### Chief Executive Officer:

Chris Gbyl

#### Company Secretary:

Catherine Officer

#### Issued Capital:

2,760 million shares

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# SEPTEMBER 2013 QUARTERLY REPORT

## HIGHLIGHTS

- **Diamond drilling to expand the sulphide-hosted gold mineral inventory extended the Obenemase B lode mineralisation 200m down-plunge and mineralisation remains open at depth.**
- **The diamond drilling also identified a northern extension of the Obenemase A Lode, which remains open to the north and at depth.**
- **A Scoping Study to assess the underground mining potential of the Konongo Project was progressed.**
- **Significant DD results include:**
  - 13.45 m @ 4.99 g/t from 174.7m (OBDD167) - Obenemase B Lode
  - 7.8 m @ 8.15 g/t from 199.5m (OBDD168) - Obenemase B Lode
  - 7.1 m @ 8.67 g/t from 242.47m (OBDD165) - Obenemase B Lode
  - 4 m @ 14.38 g/t from 159.7m (OBDD164) - Obenemase B Lode
  - 6.7 m @ 8.31 g/t from 286.5m (OBDD181) - Obenemase A Lode
  - 2.7m @ 16.73 g/t from 243m (OBDD165) - Obenemase B Lode
  - 8.75 m @ 4.54 g/t from 170.55m (OBDD171) - Obenemase B Lode
- **Significant RC results included:**
  - 4m at 5.58g/t Au from 66m (OBBD146) - Obenemase B Lode
  - 8m at 2.49g/t Au from 34m (OBBD146) - Obenemase B Lode
- **Significant AC results from regional prospects included:**
  - 4m at 20.1g/t Au from 4m (AC13157004) – Akyenase<sup>4</sup>
  - 6m at 8.03g/t Au from 3m (AC13157004) - Akyenase
  - 10m at 4.22g/t Au from 17m (AC13075002) - Kwakawkaw
  - 7m at 4.79g/t Au from 5m (AC13158004) - Akyenase
  - 4m at 6.73g/t Au from 0m (AC13157004) – Akyenase<sup>4</sup>
  - 5m at 4.98g/t Au from 0m (AC13163003) - Kwakawkaw
  - 1m at 23.3g/t Au from 23m (AC13034006) - Patriensa
  - 2m at 10.99g/t Au from 18m (AC13039005) - Ashanti North
  - <sup>4</sup>- 4m composite
- **The Annual General Meeting was conducted on 28 August.**

# KONONGO GOLD PROJECT, GHANA

The Konongo Gold Project (Signature Metals 70%) contains 16 known gold deposits along 12 kilometres of strike in the world class Ashanti Gold Belt in Ghana.

## OVERVIEW

In the March Quarter 2013 Signature Metals Limited (“Company”) announced a strategic refocus of the operation to achieve a Life of Mine which reflects the significant sulphide mining potential and the significant near-surface mineralisation potential of the Konongo Gold Project. Commensurate with the strategic refocus, the Company continued to review and refine operations on site.

During the September Quarter 2013 (“Quarter”) the Company continued to focus on an aggressive exploration program. The program included considerable drilling for resource extension and discovery.

The oxide processing plant, supporting infrastructure and the haul road remain on care and maintenance. The resumption of mining and processing of remaining oxide ore will be reviewed as the viability and timeline for future sulphide operations becomes clear. No processing of oxide ore occurred during the Quarter.

A Scoping Study by Snowden Mining Industry Consultants continues. The Study, in support of the exploration effort at Konongo, was expanded to include additional resources during the Quarter. The two-stage Study will determine if there are reasonable prospects for economic extraction of sufficient sulphide resources at depth to support a longer term mine life. The first stage is a high level resource review, which is designed to ascertain whether there is a reasonable foundation for the resources. The second stage of the Study, which is yet to commence, will consider social, environment, metallurgical and mining factors and will incorporate a financial assessment. Work progressed on the first stage of the Study during the Quarter.

## EXPLORATION

Exploration focused on:

- Diamond drilling targeting the Obenemase A Lode and Obenemase B Lode.
- Review of historic data for the Obenemase A Lode and Obenemase B Lode.
- Continued review of regional drilling results to prioritise targets for follow-up exploration drilling.

The diamond drilling (DD) program continued through the Quarter with 19 holes for 2,883.8m drilled. The principal target was an extension of mineralisation at the north end of Obenemase B Lode that had been identified during the June Quarter 2013. Diamond drilling also tested beneath Obenemase A Lode and for possible extensions of Obenemase A Lode to the north. All DD targets were at less than 300m vertical depth.

Reverse Circulation (RC) drilling (19 holes, 1,430m) was undertaken primarily as pre-collars for diamond drill holes.

Although no additional Aircore (AC) drilling was completed during the Quarter, assay results continued to be returned – principally as 1-m resplits of previously reported 4-m composite samples. Some encouraging results were included in the returns.

Significant drilling results are summarised in Table 1 (DD), Table 2 (RC) and Table 3 (AC). Anomalous AC results are summarised in Table 4. Prospect locations are shown in Figure 1.

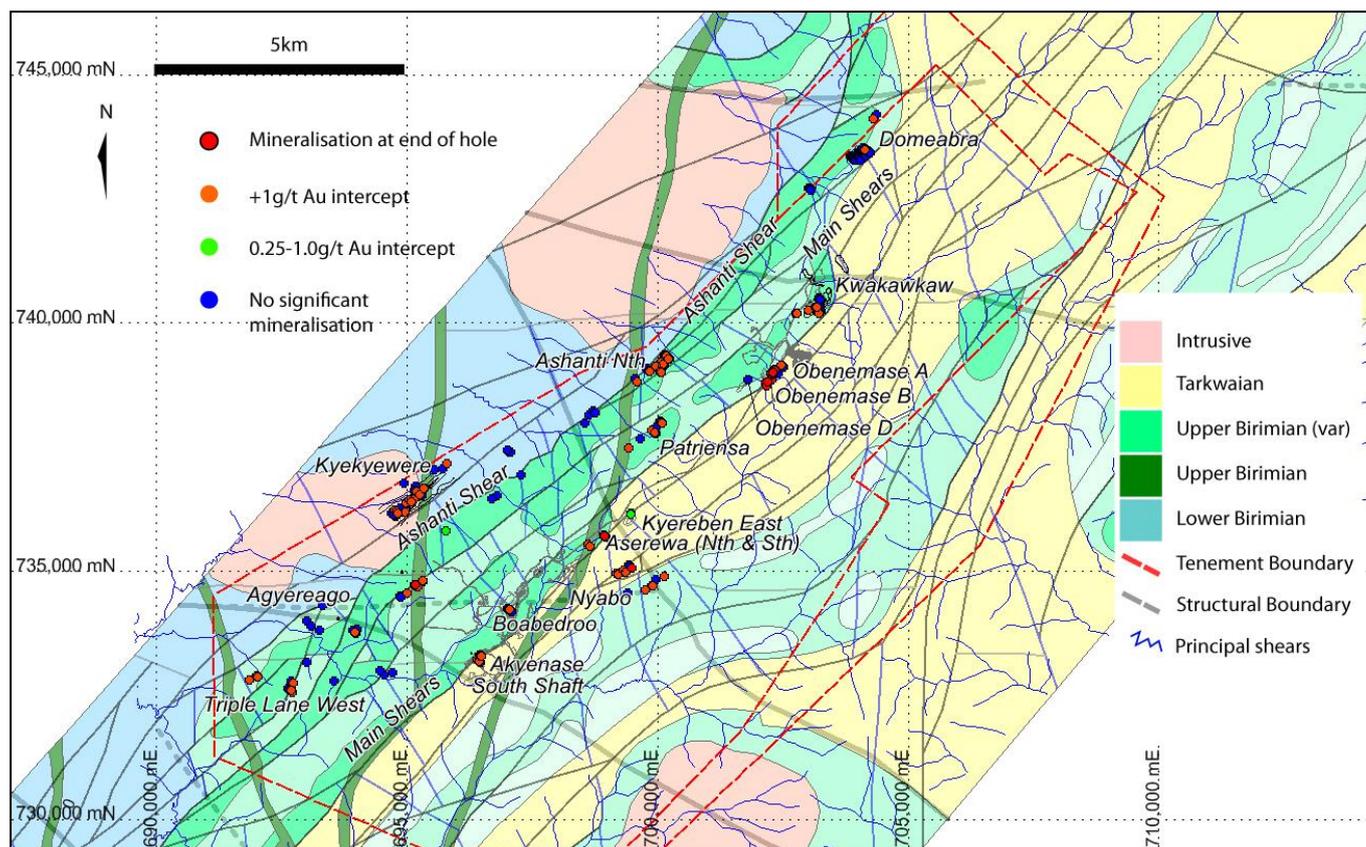
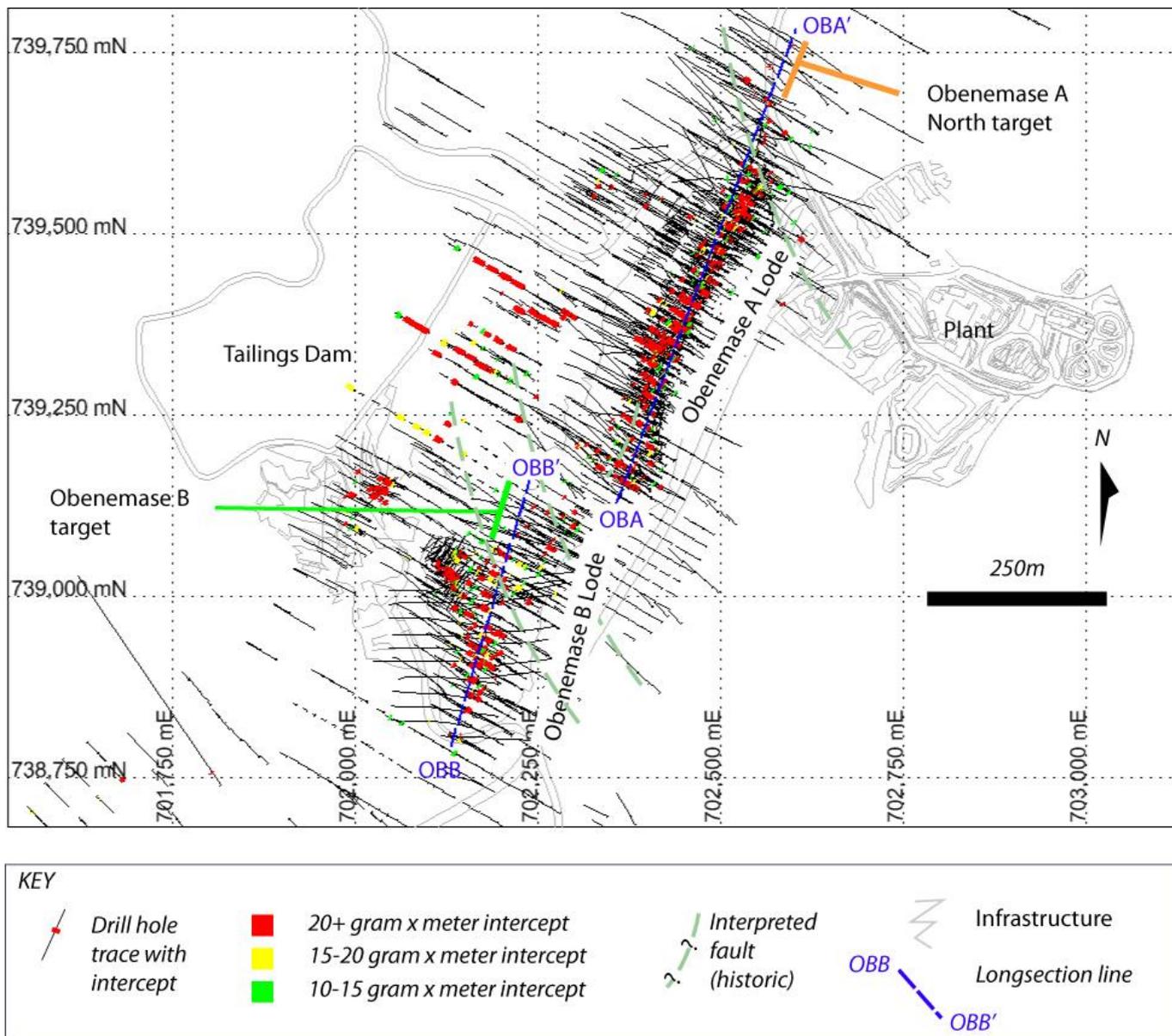


Figure 1 Prospect Locations

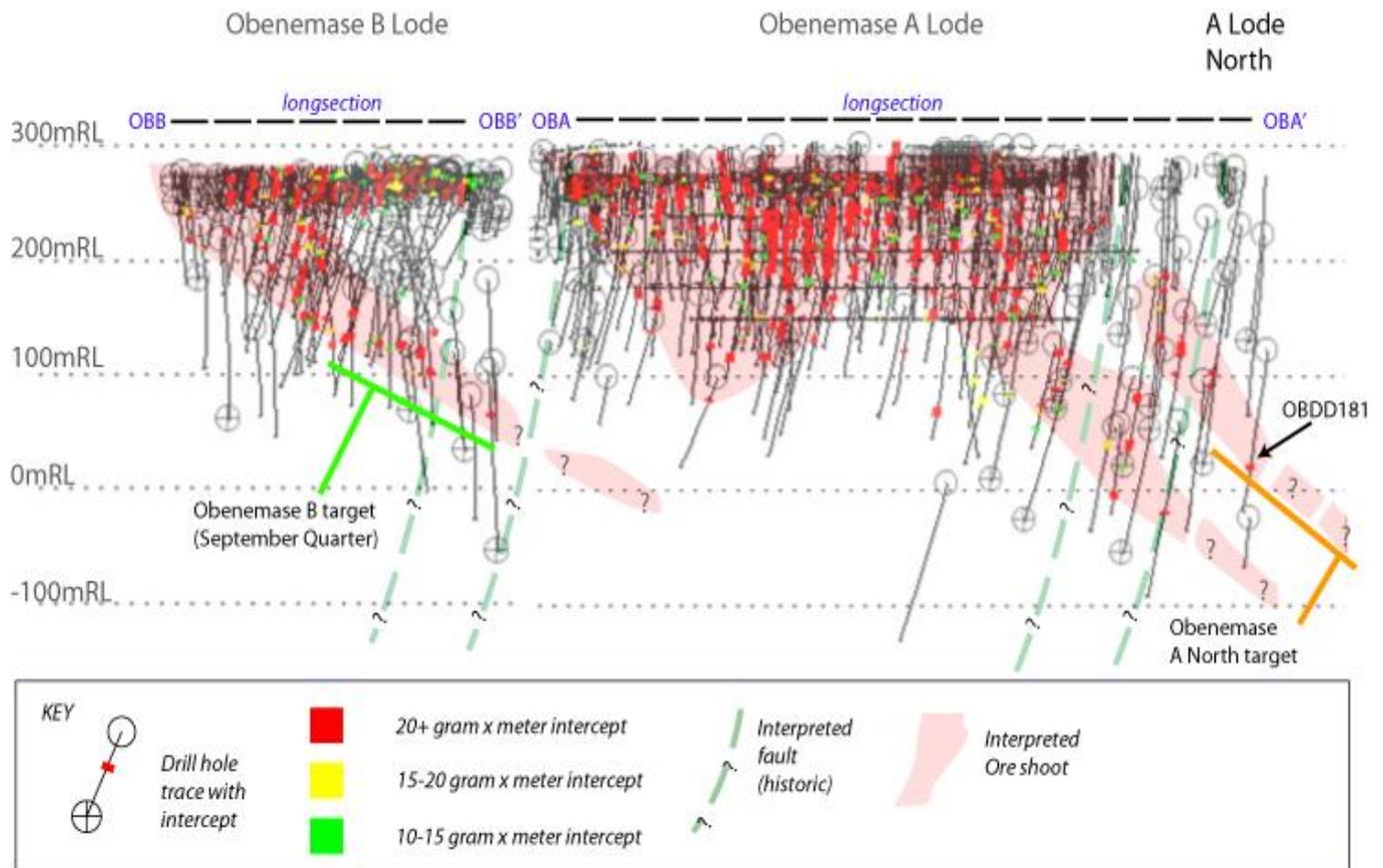
## DIAMOND DRILLING – OBENEMASE DEPOSITS

Diamond drilling (DD) continued at the **Obenemase Deposits (Obenemase A Lode and Obenemase B Lode)**. Drilling was conducted by Global Exploration Services (GES) using a CORTECH-2010 YDX3L. Samples were assayed at a certified laboratory (ALS Kumasi) by fire assay (AAS26). Certified results were returned and correct chain of custody was observed. Locations are shown in Figure 1. Significant DD drilling results are listed in Table 1. A plan and long section of the Obenemase Deposits is presented as Figure 2 and Figure 3. All reported results are down hole intercept thicknesses and down hole depths.



**Figure 2 Obenemase A, Obenemase B and Obenemase A North plan.**

The Obenemase Deposits have extensive historical drilling and have been previously mined by open pit and underground methods. Underground mining targeted auriferous quartz reefs. Current exploration, however, is focused on sulphide-hosted gold mineralisation, which occurs as either selvages to quartz reef mineralisation or as discrete sulphide shoots. Most of the drilling in the Quarter targeted a northeast plunging extension of the Obenemase B Lode mineralisation (Figure 4, Figure 5). The targeted mineralisation was previously interpreted to be truncated by north-northwest trending faults, and had not been drill-tested. Seventeen holes completed in the target were successful in extending mineralisation 120 m to the northeast, and mineralisation remains open down-plunge and down-dip.



In this diagram, the drill traces and mineralisation intercepts are accurate for a long section projection ( all results projected onto the planes OBA-OBA' and OBB-OBB'. The faults, and the Interpreted ore shoots are interpretive in nature, and reflect the current interpretation of the mineralisation at depth.

**Figure 3 Longsection of the Obenemase A and Obenemase B Lodes**

The mineralisation is stratabound occurring as shoots that plunge moderately northeast within a metamorphosed volcanoclastic siltstone. The siltstone, which dips steeply to the north-west, defines two parallel limbs of a northeast plunging anticline. The footwall of the mineralised zone is typically sheared. Gold mineralisation is highest grade and thickest where second order folds affect the siltstone. Post-mineralisation north-west to north trending faults displace the mineralisation. Displacement is dominantly vertical (north side up) with minor sinistral movement.

The mineralisation assemblage is silica-ankerite-albite-arsenopyrite+/-sericite+/-pyrite+/-pyrrhotite. Free gold has been observed in quartz. Sulphides, which occur mainly in folded mm to cm scale bedding planes in the siltstone, are interpreted to postdate the main structural event.

Potential for the occurrence of shallow mineralization to the north of Obenemase A Lode was recognized and tested by drilling. Strong mineralization (6.7m @ 8.31 g/t Au) was intersected in the second hole drilled (OBDD181), 140m to the north of the Obenemase A Lode pit limit (Figure 3). The mineralisation is similar to the Obenemase A Lode mineralisation. It remains open down-plunge and at depth. Additional structural interpretation will refine and confirm the target before further drilling commences.

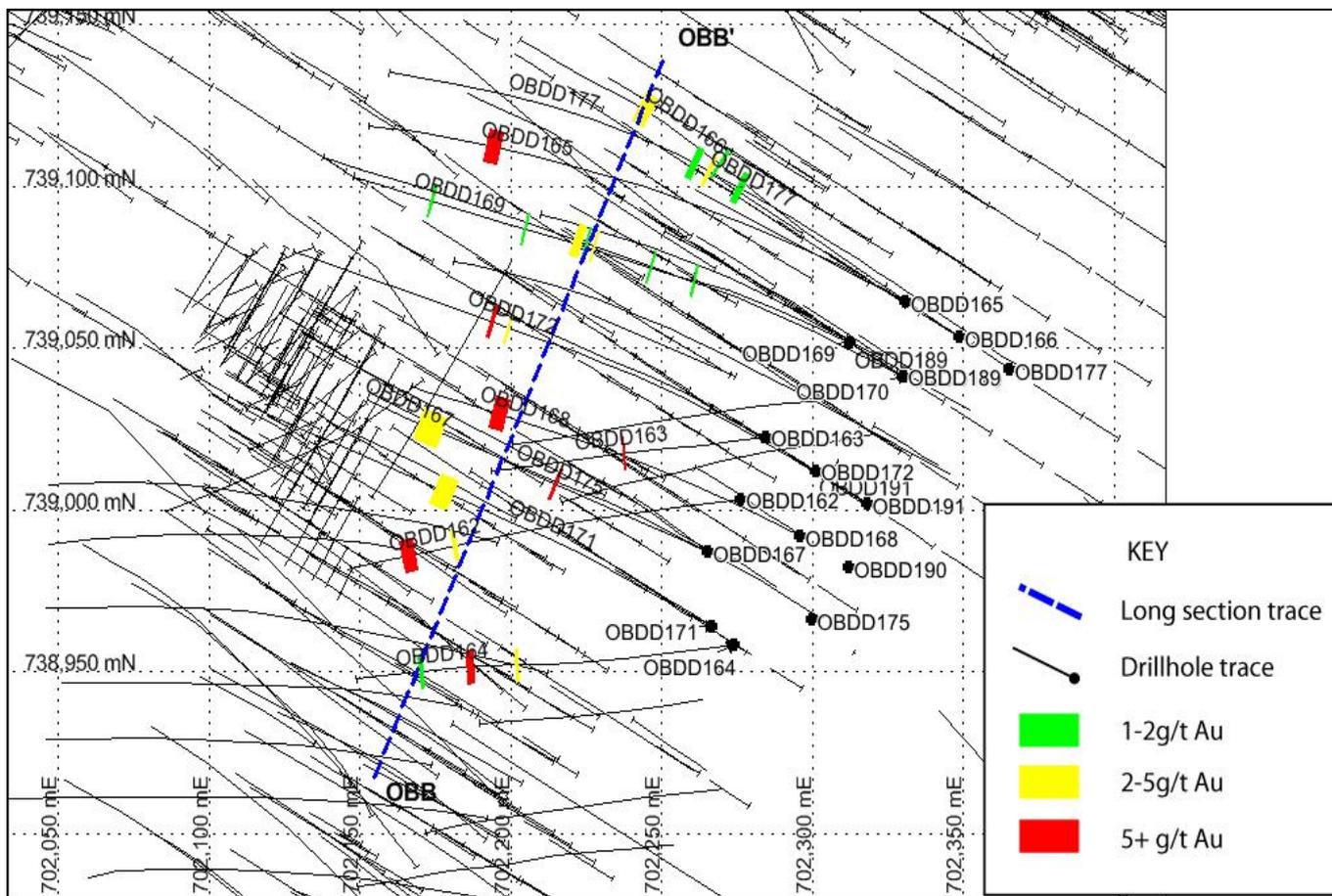


Figure 4 Plan of diamond drilling intercepts, Obenemase B Lode

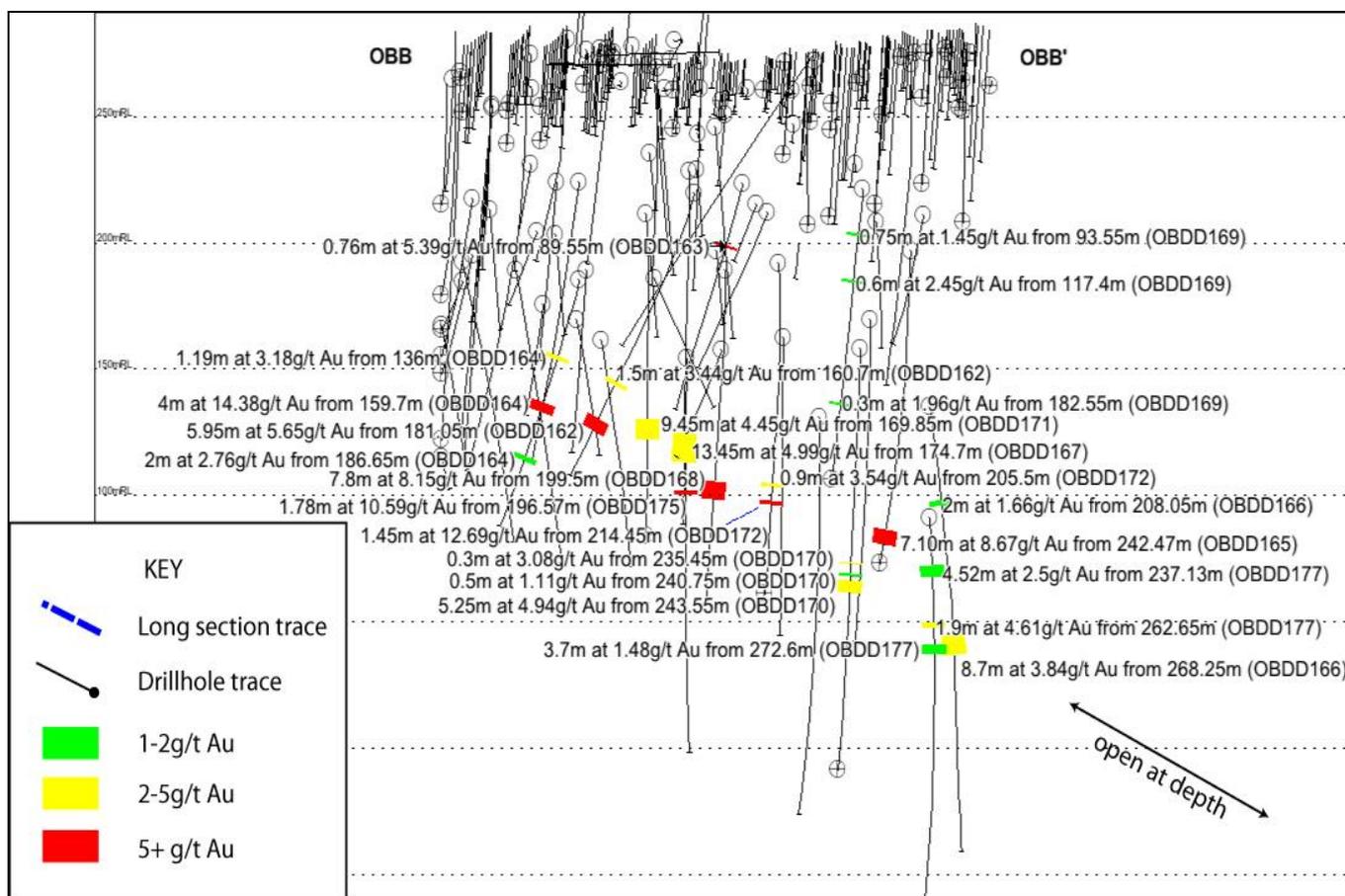


Figure 5 Long section, Obenemase B Lode, looking northwest

## **REVERSE CIRCULATION DRILLING – OBENEMASE DEPOSITS**

RC drilling continued at **Obenemase A and Obenemase B**. Drill holes completed in the Quarter were drilled as pre-collars for the deeper diamond drill holes that tested the main A and B Lodes. Assays for several RC holes drilled in the June Quarter 2013 were also returned. RC drilling results are summarised in Table 2.

RC drilling at **Obenemase B Lode** located a low-grade mineralised zone in the hanging wall of the B Lode. The zone, although discontinuous, is parallel to the B Lode. It plunges at a moderate angle to the northeast. Potential exists for locating further lodes parallel to the main A and B Lodes.

## **RESOURCE REVIEW AND SCOPING STUDIES**

Work continued during the Quarter to review selected resources at Konongo. Resources reviewed by Snowdens included **Aserewa, Akyenase, Apan, Boabedroo Nth, Boabedroo Sth, Boabedroo Sth Extended, Kwakawkaw, Obenemase A Lode, Obenemase B Lode** and **Obenemase D** (Figure 1). The resources were assessed for inclusion in the continued scoping studies for sulphide mining. Prospects that will benefit from further work have been identified for follow up.

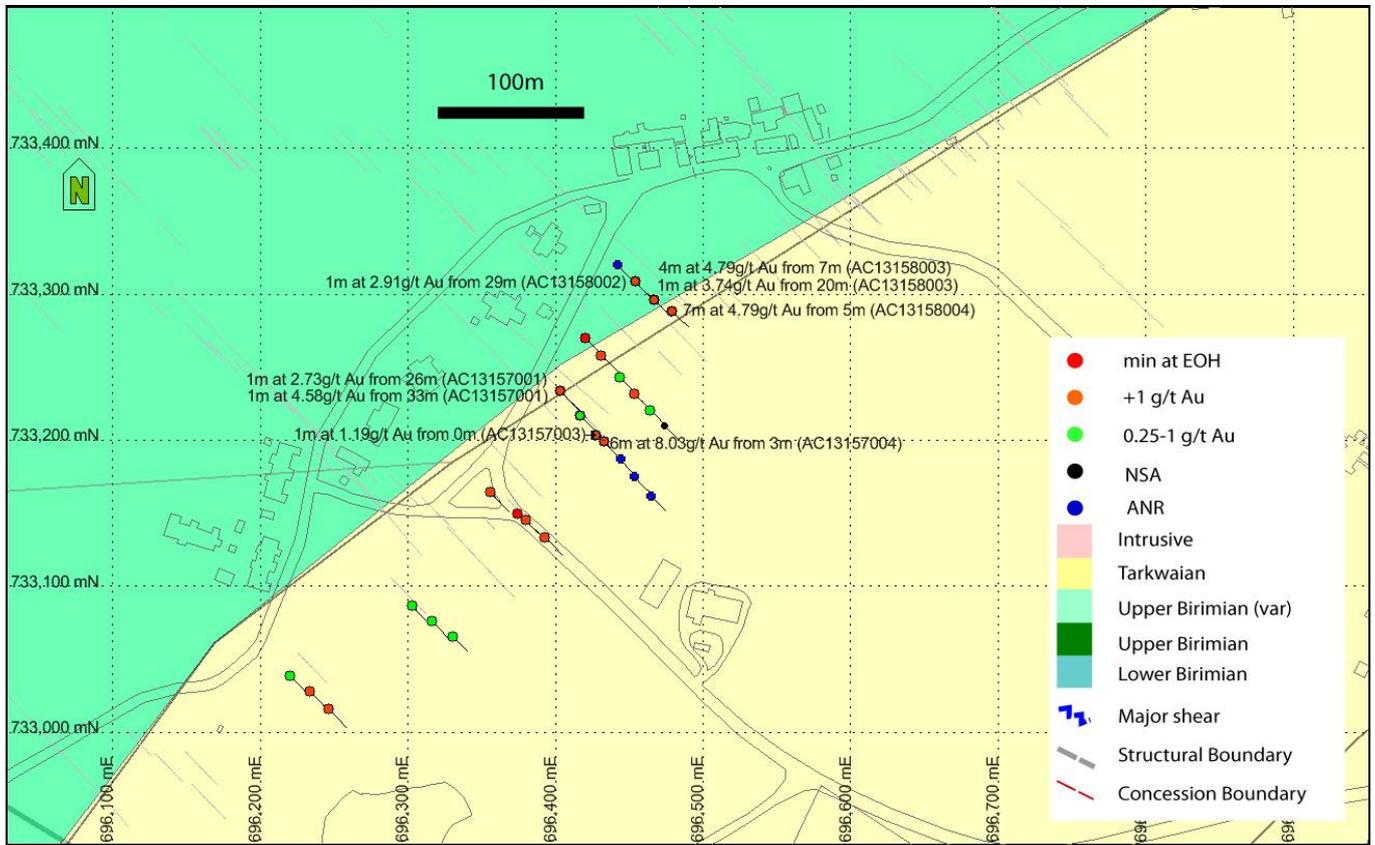
The **Obenemase A Lode** and **Obenemase B Lode** mineralisation have enjoyed significant historical exploration. The deposits include a considerable proportion of the identified sulphide resources at Konongo Project. During the Quarter, the two resources have been the subject of campaign re-assessment and data validation in preparation for inclusion in the second stage of the Scoping Study. RSC Mining and Mineral Exploration consultants are onsite to assist with the program. The program has also identified and incorporated additional historic data. Data revision and re-interpretation has contributed to (and been critically tested by) the on-going Diamond Drilling program.

## **AIRCORE DRILLING – REGIONAL PROSPECTS**

The AC program was completed in the June Quarter 2013 by African Mining Services using two Drill Rig Australia RAB 160 rigs. During the September Quarter 2013, composite assay results as well as 1-m resplits of anomalous and significant composite samples were returned.

Holes were drilled towards the southeast at minus 60 degrees to refusal. Holes were generally drilled as closed fences on lines spaced at 150m. Infill lines locally reduced line spacing to 75m. Samples were taken on 1-m intervals, split through a three tier riffle splitter and combined as 4-m composite samples before submission for assay. Samples were assayed at a certified laboratory (ALS Kumasi) by fire assay (AAS26). Certified results were returned and correct chain of custody was observed. All 4-m composites with anomalous gold results ( $>0.25\text{g/t Au}$ ) were resplit and submitted as 1-m samples. Assays for the Quarter drilling were returned for **Ashanti North, Akyenase, Domeabra** and **Kwakawkaw** (Table 3 and

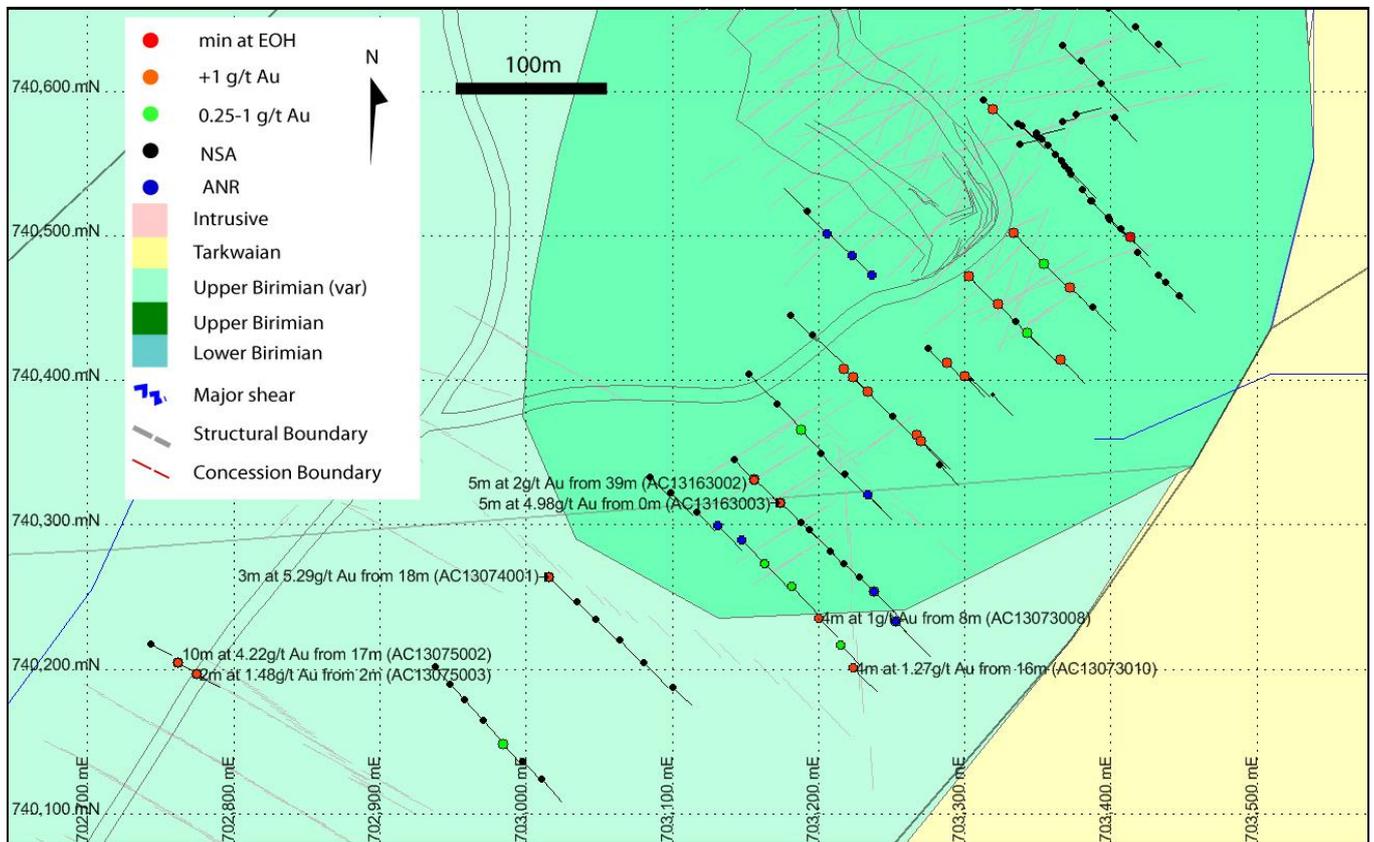
Table 4). At **Akyenase** the latest results confirm the extension of mineralisation to the southeast of previous drilling (Figure 6). Gold is interpreted to occur in a kink or splay located between the surface expression of historic underground mine working at Akyenase and South Shaft. The results add 200 m of oxide mineralisation to the Akyenase deposit, in an area that was not targeted by historic mining. Mineralisation is potentially open to the northeast.



**Figure 6 Akyenase**

Results of drilling at **Kwakawkaw South** (Figure 7) are also positive. The mineralisation is hosted mainly by intermediate volcanic rocks that are bounded to the east by folded sediments. Drilling has outlined a south westerly trending zone of mineralisation at least 300m long.

Hole AC13075002, which returned 10 m at 4.22g/t Au from 17m intersected mineralisation hosted by sheared graphitic shale. This mineralisation may represent a separate mineralised zone, more similar to the Obenemase-style mineralisation (600 m to the south) than the type of mineralisation observed elsewhere at Kwakawkaw South.



**Figure 7 Kwakawkaw**

Encouraging results continued to be returned for **Kykyewere**, which is located west of the interpreted position of the Ashanti Shear (Figure 8). The +1g/t gold trend at surface is over 800m long and includes 500m within which multiple AC holes end in mineralisation – a possible vector to sulphide mineralisation in fresh rock. AC drilling-defined anomalous results (>0.25g/t Au) occur for over 1,000m. RC drilling in the March Quarter 2013 intersected mineralisation beneath the system at 100m vertical depth.

Gold mineralisation is interpreted to occur as moderately west-dipping, north plunging veins or shears, occurring preferentially in meta-sedimentary lenses intruded by multiple sills of dacite/granodiorite.

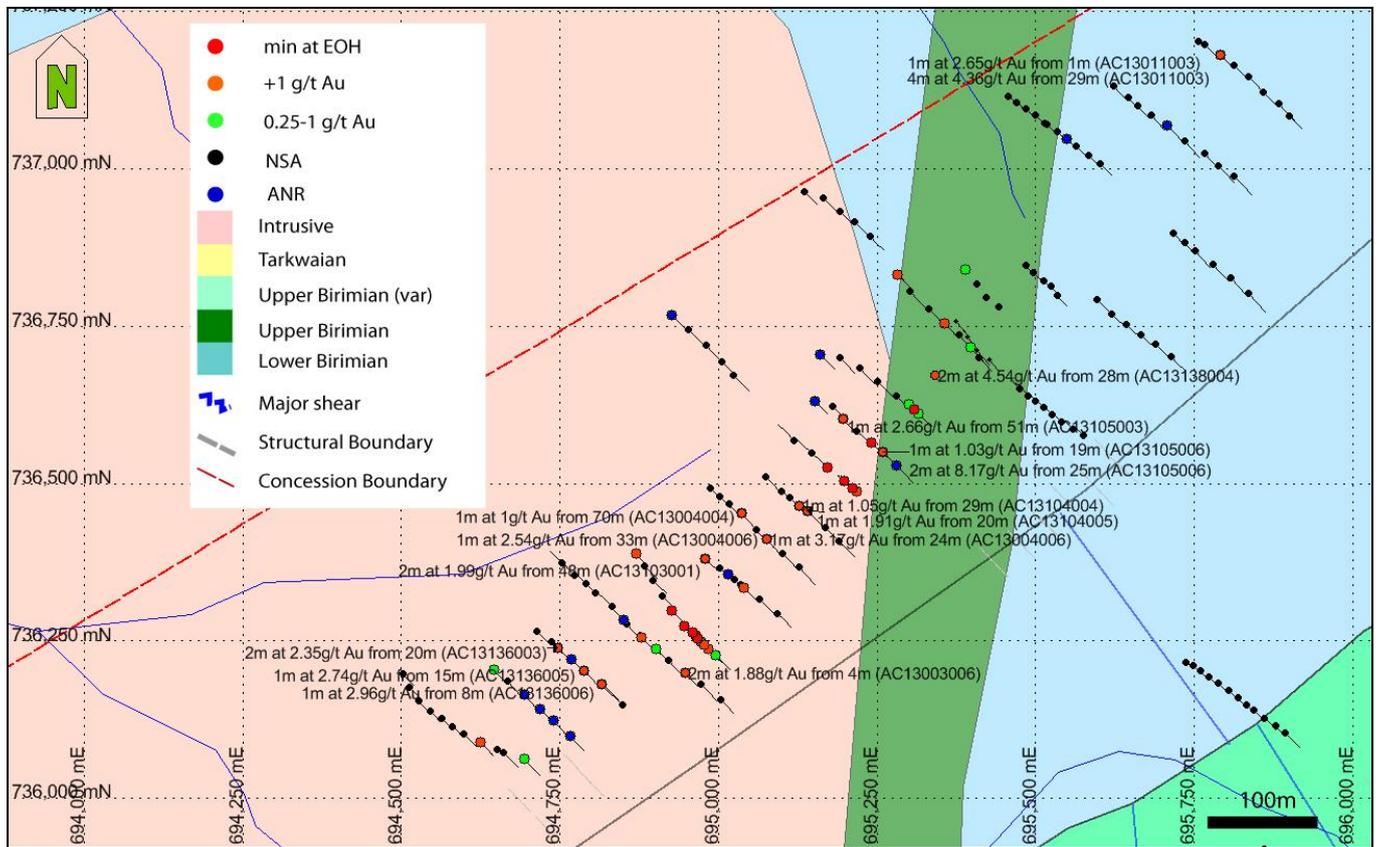


Figure 8 Kyekyewere

At **Ashanti North** (Figure 9), 1-m resplits confirmed previous results. The +1g/t Au zone is over 700m long and is open to the north. The prospect occurs on the interpreted position of the Ashanti Shear in an area where the shear is interpreted to flex to the north. Flexures in regional structures like the Ashanti Shear can be associated with ore accumulations. Mineralisation remains open at depth and to the northeast.

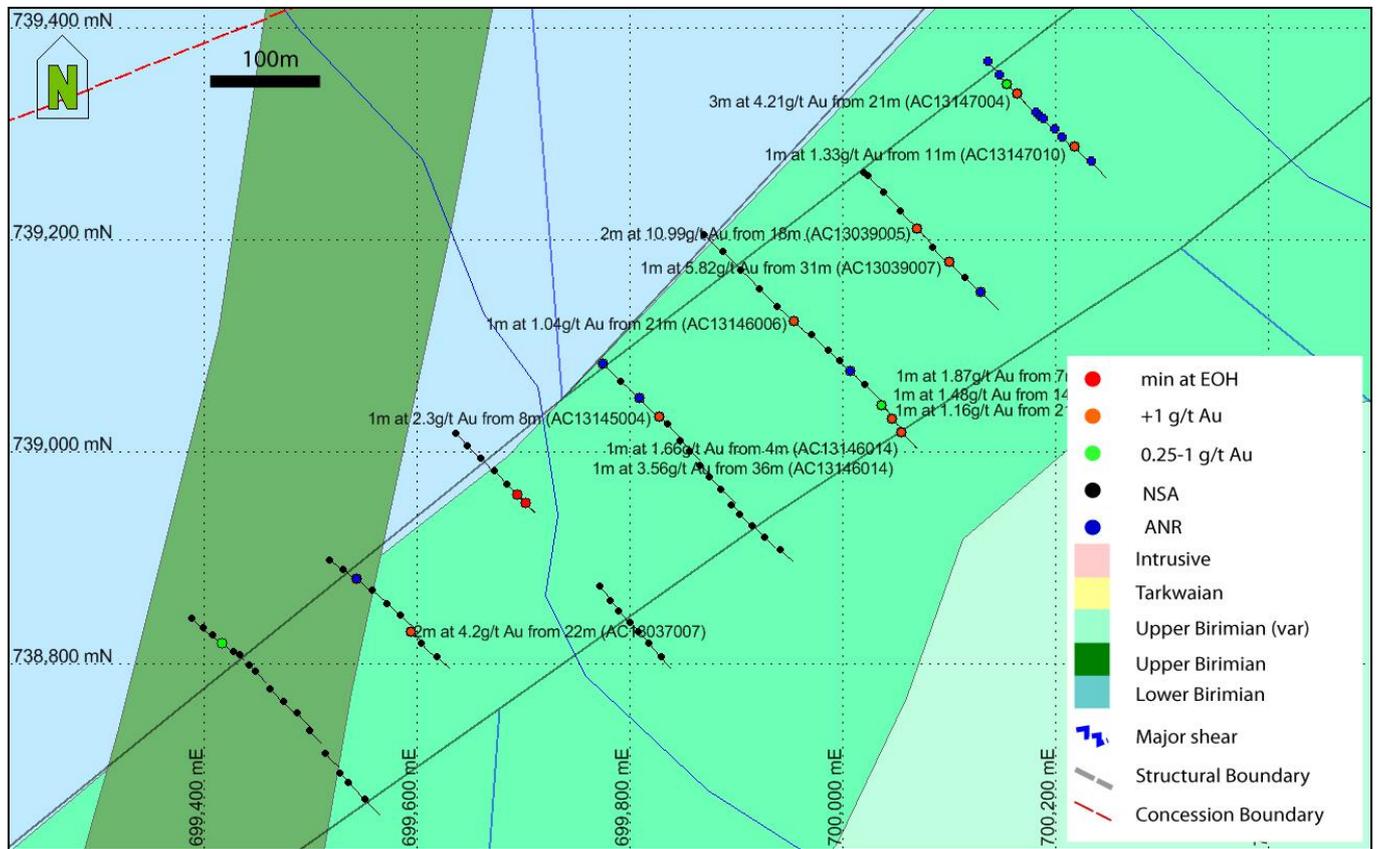


Figure 9 Ashanti North

AC results were returned for two prospective areas at **Domeabra**. A large arsenic anomaly returned only one significant result and requires no further work. Drilling at the original Domeabra target returned further wide intercepts (11m at 1.4g/t Au from 12m in AC13044005). The strike length of the Domeabra mineralisation is limited to 110m, but remains open at depth.

Results for 1-m resplit were returned for previously reported 4-m composites at **Triple Lane West, Kyekyewere, Patriensa, the Ashanti Shear and Ashanti North, Domeabra, Nyaboo East, Kwakawkaw South, Agyereago, Aserewa and Kyereben East**. Locations are shown in Figure 1 and results are summarised in Table 3 and Table 4. Some of the better results include:

- 1m at 23.3g/t Au from 23m (AC13034006) – Patriensa
- 5m at 2.77g/t Au from 6m (AC13034008) - Patriensa
- 5m at 2.62g/t Au from 15m (AC13112004) - Kyereben East
- 2m at 6.48g/t Au from 16m (AC13068002) - Nyabo East
- 3m at 4.21g/t Au from 21m (AC13147004) - Ashanti Shear
- 3m at 3.2g/t Au from 6m (AC12099003) - Triple Lane West
- 4m at 2.39g/t Au from 20m (AC13147004) - Ashanti Shear
- 1m at 8.78g/t Au from 33m (AC12104003) - Triple Lane West
- 7m at 1.19g/t Au from 13m (AC13151005)\* - Agyereago
- 5m at 1.52g/t Au from 6m (AC13112002) - Kyereben East

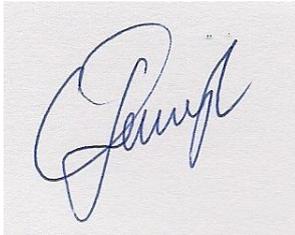
\* hole ends in mineralisation

## **CORPORATE**

On 26 July the Company issued and announced the Notice of Annual General Meeting to be held in Melbourne on 28 August 2013 at 2:30pm (AEST). Subsequent to this announcement, the Company provided notice of the addition of a resolution to the Notice of Annual General Meeting.

On 21 August the Company announced the resignation of Adrian Di Carlo as Company Secretary and the appointment of Catherine Officer.

On 28 August the Company announced the results of the resolutions put to shareholders at the Annual General Meeting.



Chris Gbyl  
Chief Executive Officer  
**SIGNATURE METALS LIMITED**

### ***ATTRIBUTION: Competent Person Statement***

*The information in this release which relates to Exploration Results is based on information compiled by Mr. Bill Reid. Mr. Reid is a Member of the Australasian Institute of Mining and Metallurgy and has sufficient experience which 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 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr. Reid is an employee of LionGold Corporation and consents to the inclusion in this release of the matters relating to Exploration Results in the form and context in which it appears based on the information presented.*

### ***FORWARD LOOKING STATEMENTS:***

*This release contains certain forward-looking statements. These forward-looking statements are based on management's expectation and beliefs concerning future events. Forward-looking statements are necessarily subject to risks, uncertainties and other factors, some of which are outside the control of Signature Metals Limited that could cause actual results to differ materially from such statements.*

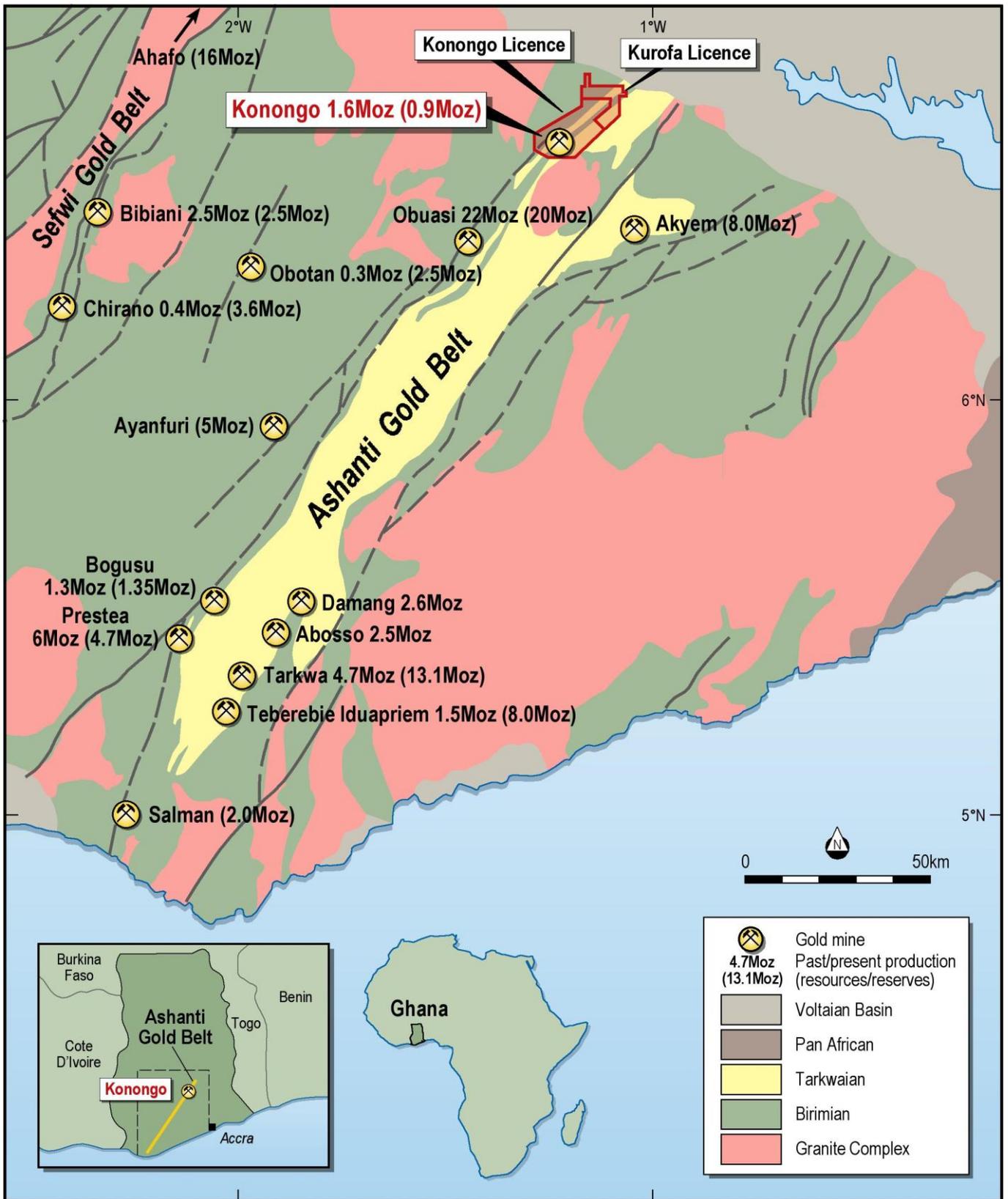


Figure 10. Konongo Project Location

**Table 1 Significant DD drilling results, September Quarter 2013**

Table 1: NSA – no significant Assay. ANR – Assays not returned. All reported intersections have grade greater than 1.0g/t are reported and may include up to 2ms internal waste. No topcut has been applied. Samples are analysed by 60g Fire Assay method at internationally accredited laboratories in Ghana. QA/QC samples are inserted regularly by the Company including certified reference samples, blanks and duplicates.

SiteID	Easting	Northing	RL	Azi.	Dip	mFrom	mTo	Int	Grade	Returned assays
OBDD162	702276	739004	279.287	261.8	-59.7	160.7	162.2	1.5	3.44	1.5m at 3.44g/t Au from 160.7m
OBDD162	702276	739004	279.287	261.8	-59.7	181.05	187	5.95	5.65	5.95m at 5.65g/t Au from 181.05m
OBDD163	702285	739023	279.287	261.9	-58.4	89.55	90.31	0.76	5.39	0.76m at 5.39g/t Au from 89.55m
OBDD164	702274	738958	281.065	261.3	-60.5	136	137.19	1.19	3.18	1.19m at 3.18g/t Au from 136m
OBDD164	702274	738958	281.065	261.3	-60.5	159.7	163.7	4	14.38	4m at 14.38g/t Au from 159.7m
OBDD164	702274	738958	281.065	261.3	-60.5	186.65	188.65	2	2.76	2m at 2.76g/t Au from 186.65m
OBDD165	702331	739064	270.345	297	-58.1	242.47	249.57	7.1	8.67	7.10m at 8.67g/t Au from 242.47m
OBDD165	702331	739064	270.345	297	-58.1	243	245.7	2.7	16.73	2.7m at 16.73g/t Au from 243m
OBDD166	702348	739054	270.345	303.3	-62	208.05	210.05	2	1.66	2m at 1.66g/t Au from 208.05m
OBDD166	702348	739054	276.747	303.3	-62	268.25	276.95	8.7	3.84	8.7m at 3.84g/t Au from 268.25m
OBDD167	702265	738987	276.747	295.9	-60.2	174.7	188.15	13.45	4.99	13.45m at 4.99g/t Au from 174.7m
OBDD167	702265	738987	276.747	295.9	-60.2	180.25	181.35	1.1	30.57	1.1m at 30.57g/t Au from 180.25m
OBDD168	702295.98	738991.84	274.99	295	-60	199.5	207.3	7.8	8.15	7.8m at 8.15g/t Au from 199.5m
OBDD168	702295.98	738991.84	274.99	295	-60					---including 2.85m @ 12.82g/t Au from 199.5m
OBDD168	702295.98	738991.84	274.99	295	-60					---including 1.1m @ 12.85g/t Au from 203.1m
OBDD168	702295.98	738991.84	274.99	295	-60					---including 0.8m @ 7.21g/t Au from 206.5m
OBDD169	702312.23	739052	279.287	292.9	-55	93.55	94.3	0.75	1.45	0.75m at 1.45g/t Au from 93.55m
OBDD169	702312.23	739052	279.287	292.9	-55	117.4	118	0.6	2.45	0.6m at 2.45g/t Au from 117.4m
OBDD169	702312.23	739052	279.287	292.9	-55	182.55	182.85	0.3	1.96	0.3m at 1.96g/t Au from 182.55m
OBDD169	702312.23	739052	279.287	292.9	-55	228.73	229.7	0.97	2.35	0.97m at 2.35g/t Au from 228.73m (OBDD169)
OBDD170	702330.05	739041.25	281.065	295.2	-63.4	235.45	235.75	0.3	3.08	0.3m at 3.08g/t Au from 235.45m
OBDD170	702330.05	739041.25	281.065	295.2	-63.4	240.75	241.25	0.5	1.11	0.5m at 1.11g/t Au from 240.75m
OBDD170	702330.05	739041.25	281.065	295.2	-63.4	243.55	248.8	5.25	4.94	5.25m at 4.94g/t Au from 243.55m
OBDD171	702266.3	738964.09	270.345	297.3	-60.8	169.85	179.3	9.45	4.45	9.45m at 4.45g/t Au from 169.85m
OBDD171	702266.3	738964.09	270.345	297.3	-60.8					---including 1.75m @ 9.53g/t Au from 172.05m
OBDD171	702266.3	738964.09	270.345	297.3	-60.8					---including 0.7m @ 10.1g/t Au from 174.3m
OBDD172	702301.08	739012.27	276.747	296.5	-62.4	205.5	206.4	0.9	3.54	0.9m at 3.54g/t Au from 205.5m
OBDD172	702301.08	739012.27	276.747	296.5	-62.4	214.45	215.9	1.45	12.69	1.45m at 12.69g/t Au from 214.45m
OBDD172	702301.08	739012.27	276.747	296.5	-62.4					---including 0.89m @ 18.95g/t Au from 214.45m
OBDD175	702300	738966	273	302	-60.5	196.57	198.35	1.78	10.59	1.78m at 10.59g/t Au from 196.57m
OBDD177	702365	739043	282	302	-60	237.13	241.65	4.52	2.50	4.52m at 2.5g/t Au from 237.13m)
OBDD177	702365	739043	282	302	-60	262.65	264.60	1.95	4.61	1.9m at 4.61g/t Au from 262.65m
OBDD177	702365	739043	282	302	-60	272.60	276.30	3.70	1.48	3.7m at 1.48g/t Au from 272.6m
OBDD181	702480	739839	274	121.53	-60	286.50	293.20	6.70	8.31	6.7m at 8.31g/t Au from 286.5m
OBDD181	702480	739839	274	121.53	-60	311.00	313.00	2.00	1.72	2m at 1.72g/t Au from 311m
OBDD188	702233	739264	292.563	121.53	-60.000015					ANR
OBDD189	702330	739041	281.134	301.53	-60					ANR

SiteID	Easting	Northing	RL	Azi.	Dip	mFrom	mTo	Int	Grade	Returned assays
OBDD190	702312	738982	275	302	-60					ANR
OBDD191	702318	739002	278	302	-60					ANR

**Table 2 Significant RC drilling results, September Quarter 2013**

*NSA – no significant Assay. ANR – Assays not returned. All intersections of at least 1metre down hole with grade greater than 1.0g/t are reported and may include up to 2m internal waste. No topcut was used. Samples are analysed by 50g Fire Assay method at internationally accredited laboratories in Ghana. QA/QC samples are inserted regularly by the Company including certified reference samples, blanks and duplicates.*

*Samples drilled as pre-collars are sampled as 4-m composites. Assay results greater than 0.25g/t Au are reported. All intersections of at least 1m down hole with grade greater than 1.0g/t. No topcut was used. Samples are analysed by 50g Fire Assay method at internationally accredited laboratories in Ghana. QA/QC samples are inserted regularly by the Company including certified reference samples, blanks and duplicates.*

Hole ID	East	North	RL	Azi.	Dip	Hole Depth	Assay Result	Prospect	Comment
OBBD144	702173.853	738740.202	272.025	304	-59.5	110	NSA	Obenemase B Lode	
OBBD146	702160.417	738793.888	277.009	301	-59.5	70	4m at 5.58g/t Au from 66m	Obenemase B Lode	drilled Q2
OBBD146	702160.417	738793.888	277.009	301	-59.5	70	8m at 2.49g/t Au from 34m	Obenemase B Lode	drilled Q2
OBBD148	702196.504	738819.692	277.393	300	-60.5	110	NSA	Obenemase B Lode	drilled Q2
OBBD154	702276.094	738866.872	270.856	299	-60.5	42	NSA	Obenemase B Lode	drilled Q2
OBRC164	702273.923	738958.435	270.292	261.3	-60.5	120	NSA	Obenemase B Lode	pre-collar
OBRC164	702273.923	738958.435	270.292	261.3	-60.5	120	NSA	Obenemase B Lode	pre-collar
OBRC165	702330.593	739064.418	281.311	297	-58.1	120	NSA	Obenemase B Lode	pre-collar
OBRC165	702330.593	739064.418	281.311	297	-58.1	120	NSA	Obenemase B Lode	pre-collar
OBRC166	702348.492	739053.513	282.944	303.3	-62	180	2m at 1.39g/t Au from 138m	Obenemase B Lode	pre-collar
OBRC166	702348.492	739053.513	282.944	303.3	-62	180	2m at 1.39g/t Au from 138m	Obenemase B Lode	pre-collar
OBRC166	702348.492	739053.513	282.944	303.3	-62	180	1m at 1.27g/t Au from 116m	Obenemase B Lode	pre-collar
OBRC166	702348.492	739053.513	282.944	303.3	-62	180	1m at 1.27g/t Au from 116m	Obenemase B Lode	pre-collar
OBRC167	702265.055	738987.161	270.265	295.9	-60.2	90	NSA	Obenemase B Lode	pre-collar
OBRC167	702265.055	738987.161	270.265	295.9	-60.2	90	NSA	Obenemase B Lode	pre-collar
OBRC168	702295.975	738991.835	274.99	295	-60	150	1m at 2.48g/t Au from 97m	Obenemase B Lode	pre-collar
OBRC168	702295.975	738991.835	274.99	295	-60	150	1m at 2.48g/t Au from 97m	Obenemase B Lode	pre-collar
OBRC169	702312.231	739051.998	279.287	292.9	-55	90	4m at 1.94g/t Au from 84m	Obenemase B Lode	pre-collar
OBRC169	702312.231	739051.998	279.287	292.9	-55	90	4m at 1.94g/t Au from 84m	Obenemase B Lode	pre-collar
OBRC169	702312.231	739051.998	279.287	292.9	-55	90	4m at 0.28g/t Au from 24m	Obenemase B Lode	pre-collar
OBRC169	702312.231	739051.998	279.287	292.9	-55	90	4m at 0.28g/t Au from 24m	Obenemase B Lode	pre-collar
OBRC170	702330.052	739041.25	281.065	295.2	-63.4	150	4m at 0.99g/t Au from 140m	Obenemase B Lode	pre-collar

Hole ID	East	North	RL	Azi.	Dip	Hole Depth	Assay Result	Prospect	Comment
OBRC170	702330.052	739041.25	281.065	295.2	-63.4	150	4m at 0.99g/t Au from 140m	Obenemase B Lode	pre-collar
OBRC170	702330.052	739041.25	281.065	295.2	-63.4	150	4m at 0.91g/t Au from 144m	Obenemase B Lode	pre-collar
OBRC170	702330.052	739041.25	281.065	295.2	-63.4	150	4m at 0.91g/t Au from 144m	Obenemase B Lode	pre-collar
OBRC170	702330.052	739041.25	281.065	295.2	-63.4	150	4m at 0.51g/t Au from 136m	Obenemase B Lode	pre-collar
OBRC170	702330.052	739041.25	281.065	295.2	-63.4	150	4m at 0.51g/t Au from 136m	Obenemase B Lode	pre-collar
OBRC171	702266.3	738964.094	270.345	297.3	-60.8	108	NSA	Obenemase B Lode	pre-collar
OBRC172	702301.078	739012.265	276.747	296.5	-62.4	150	4m at 0.8g/t Au from 100m	Obenemase B Lode	pre-collar
OBRC172	702301.078	739012.265	276.747	296.5	-62.4	150	4m at 0.8g/t Au from 100m	Obenemase B Lode	pre-collar

**Table 3 Significant AC drilling results, September Quarter 2013**

Hole ID	East	North	RL	Azi.	Dip	Hole Depth	Assay Result	Prospect	Sample
AC12098002	691855	732814	224	136	-60	65.00	1m at 1.02g/t Au from 34m	Triple Lane West	1
AC12099002	691987	732899	212	136	-60	51.00	1m at 1.04g/t Au from 5m	Triple Lane West	1
AC12099003	692007	732881	213	136	-60	51.00	3m at 3.2g/t Au from 6m	Triple Lane West	1
AC12104003	692676	732600	246	136	-60	72.00	1m at 8.78g/t Au from 33m	Triple Lane West	1
AC12104003	692676	732600	246	136	-60	72.00	1m at 1.05g/t Au from 37m	Triple Lane West	1
AC12104004	692700	732574	247	136	-60	41.00	5m at 1.32g/t Au from 35m	Triple Lane West	1
AC13003006	694948	736199	235	136	-60	59.00	2m at 1.88g/t Au from 4m	Kyeyewere	1
AC13004004	695036	736453	229	136	-60	72.00	1m at 1g/t Au from 70m	Kyeyewere	1
AC13004006	695075	736412	231	136	-60	71.00	1m at 3.17g/t Au from 24m	Kyeyewere	1
AC13004006	695075	736412	231	136	-60	71.00	1m at 2.54g/t Au from 33m	Kyeyewere	1
AC13011003	695791	737182	227	136	-60	54.00	1m at 2.65g/t Au from 1m	Kyeyewere	1
AC13011003	695791	737182	227	136	-60	54.00	4m at 4.36g/t Au from 29m	Kyeyewere	1
AC13026003	699408	737482	287	136	-60	17.00	3m at 1.24g/t Au from 4m	Patriensa	1
AC13032003	699884	737849	311	136	-60	27.00	1m at 1.83g/t Au from 11m	Patriensa	1
AC13032008	699931	737803	306	136	-60	19.00	1m at 1.92g/t Au from 15m	Patriensa	1
AC13034006	700062	738012	319	136	-60	26.00	1m at 23.3g/t Au from 23m	Patriensa	1
AC13034007	700073	738005	322	136	-60	36.00	2m at 1.17g/t Au from 16m	Patriensa	1
AC13034007	700073	738005	322	136	-60	36.00	1m at 1.04g/t Au from 19m	Patriensa	1
AC13034008	700085	737990	322	136	-60	31.00	5m at 2.77g/t Au from 6m	Patriensa	1
AC13037007	699594	738831	257	136	-60	37.00	2m at 4.2g/t Au from 22m	Ashanti Shear	1
AC13039005	700070	739210	271	136	-60	43.00	2m at 10.99g/t Au from 18m	Ashanti Shear	1
AC13039007	700100	739179	272	136	-60	45.00	1m at 5.82g/t Au from 31m	Ashanti Shear	1
AC13044004	704298	744126	318	136	-60	51.00	3m at 1.43g/t Au from 25m	Domeabra	1
AC13044005	704304	744119	320	136	-60	52.00	11m at 1.4g/t Au from 12m	Domeabra	1
AC13061006	699756	734632	260	136	-60	39.00	1m at 4.78g/t Au from 14m	Nyabo East	1
AC13062005	699895	734707	270	136	-60	38.00	1m at 1.56g/t Au from 12m	Nyabo East	1
AC13064005	700119	734908	265	136	-60	38.00	1m at 3.46g/t Au from 27m	Nyabo East	1
AC13064005	700119	734908	265	136	-60	38.00	2m at 1.55g/t Au from 19m	Nyabo East	1
AC13068002	699158	734968	263	136	-60	30.00	2m at 6.48g/t Au from 16m	Nyabo East	1
AC13068007	699202	734932	261	136	-60	39.00	3m at 1g/t Au from 1m	Nyabo East	1
AC13069002	699306	735035	264	136	-60	32.00	1m at 1.82g/t Au from 30m	Nyabo East	1
AC13069003	699318	735024	264	136	-60	66.00	1m at 5.85g/t Au from 7m	Nyabo East	1
AC13069005	699364	734982	262	136	-60	63.00	1m at 1.25g/t Au from 0m	Nyabo East	1
AC13070005	699485	735057	263	136	-60	4.00	1m at 1.2g/t Au from 3m	Nyabo East	1
AC13073008	703200	740236	333	136	-60	37.00	4m at 1g/t Au from 8m	Kwakawkaw Sth	1
AC13073010	703224	740201	339	136	-60	46.00	4m at 1.27g/t Au from 16m	Kwakawkaw Sth	1
AC13074001	703015	740264	305	136	-60	53.00	3m at 5.29g/t Au from 18m	Kwakawkaw Sth	1
AC13075002	702761	740205	287	136	-60	33.00	10m at 4.22g/t Au from 17m	Kwakawkaw Sth	1
AC13075003	702775	740197	290	136	-60	36.00	2m at 1.48g/t Au from 2m	Obenemase Nth	1
AC13076001	702464	739144	285	136	-60	51.00	1m at 1.46g/t Au from 0m	Obenemase A	1
AC13101003	694995	734563	240	136	-60	39.00	2m at 1.85g/t Au from 28m	Agyereago	1
AC13103001	694979	736381	226	136	-60	54.00	2m at 1.99g/t Au from 48m	Kyeyewere	1
AC13104004	695127	736466	236	136	-60	33.00	1m at 1.05g/t Au from 29m	Kyeyewere	1
AC13104005	695141	736456	237	136	-60	72.00	1m at 1.91g/t Au from 20m	Kyeyewere	1
AC13105003	695196	736603	237	136	-60	60.00	1m at 2.66g/t Au from 51m	Kyeyewere	1
AC13105006	695258	736550	237	136	-60	66.00	1m at 1.03g/t Au from 19m	Kyeyewere	1
AC13105006	695258	736550	237	136	-60	66.00	2m at 8.17g/t Au from 25m	Kyeyewere	1
AC13111005	698616	735538	238	136	-60	25.00	1m at 1.71g/t Au from 11m	Aserewa	1
AC13111005	698616	735538	238	136	-60	25.00	3m at 1.12g/t Au from 12m	Aserewa	1
AC13111007	698649	735515	237	136	-60	26.00	1m at 1.11g/t Au from 18m	Aserewa	1
AC13112002	698911	735729	247	136	-60	42.00	5m at 1.52g/t Au from 6m	Kyereben East	1
AC13112004	698938	735704	249	136	-60	34.00	1m at 1.14g/t Au from 7m	Kyereben East	1
AC13112004	698938	735704	249	136	-60	34.00	5m at 2.62g/t Au from 15m	Kyereben East	1
AC13112004	698938	735704	249	136	-60	34.00	2m at 1.22g/t Au from 32m	Kyereben East	1
AC13112005	698951	735694	249	136	-60	48.00	3m at 1.27g/t Au from 13m	Kyereben East	1
AC13136003	694746	736240	224	136	-60	58.00	2m at 2.35g/t Au from 20m	Kyeyewere	1
AC13136005	694788	736203	232	136	-60	68.00	1m at 2.74g/t Au from 15m	Kyeyewere	1
AC13136006	694816	736182	235	136	-60	71.00	1m at 2.96g/t Au from 8m	Kyeyewere	1

Hole ID	East	North	RL	Azi.	Dip	Hole Depth	Assay Result	Prospect	Sample
AC13138004	695341	736672	229	136	-60	60.00	2m at 4.54g/t Au from 28m	Kyekewere	1
AC13145004	699828	739033	252	136	-60	19.00	1m at 2.3g/t Au from 8m	Ashanti Shear	1
AC13146006	699955	739123	268	136	-60	42.00	1m at 1.04g/t Au from 21m	Ashanti Shear	1
AC13146013	700046	739032	274	136	-60	31.00	1m at 1.87g/t Au from 7m	Ashanti Shear	1
AC13146013	700046	739032	274	136	-60	31.00	1m at 1.48g/t Au from 14m	Ashanti Shear	1
AC13146013	700046	739032	274	136	-60	31.00	1m at 1.16g/t Au from 21m	Ashanti Shear	1
AC13146014	700055	739018	275	136	-60	42.00	1m at 1.66g/t Au from 4m	Ashanti Shear	1
AC13147004	700164	739338	261	136	-60	49.00	3m at 4.21g/t Au from 21m	Ashanti Shear	1
AC13146014	700055	739018	275	136	-60	42.00	1m at 3.56g/t Au from 36m	Ashanti Shear	1
AC13147004	700164	739338	261	136	-60	49.00	4m at 2.39g/t Au from 20m	Ashanti Shear	1
AC13147010	700218	739288	259	136	-60	49.00	1m at 1.33g/t Au from 11m	Ashanti Shear	1
AC13148012	692720	732758	248	136	-60	27.00	1m at 2.03g/t Au from 1m	Triple Lane West	1
AC13149006	693948	733782	229	136	-60	5.00	2m at 2.72g/t Au from 2m	Agyereago	1
AC13149010	693955	733767	230	136	-60	29.00	2m at 1.77g/t Au from 22m	Agyereago	1
AC13151004	695148	734739	246	136	-60	48.00	1m at 2.67g/t Au from 37m	Agyereago	1
AC13151004	695148	734739	246	136	-60	48.00	1m at 1.56g/t Au from 42m	Agyereago	1
AC13151005	695165	734727	246	136	-60	20.00	7m at 1.19g/t Au from 13m	Agyereago	1
AC13151006	695173	734720	246	136	-60	42.00	3m at 1.38g/t Au from 8m	Agyereago	1
AC13151008	695198	734688	244	136	-60	42.00	1m at 1.43g/t Au from 8m	Agyereago	1
AC13151008	695198	734688	244	136	-60	42.00	1m at 1.1g/t Au from 11m	Agyereago	1
AC13152007	695302	734814	244	136	-60	58.00	5m at 1.14g/t Au from 39m	Boabedroo West	1
AC13157001	696403	733234	233	136	-60	51.00	1m at 4.58g/t Au from 33m	Akyenase	1
AC13157001	696403	733234	233	136	-60	51.00	1m at 2.73g/t Au from 26m	Akyenase	1
AC13157003	696427	733204	229	136	-60	15.00	1m at 1.19g/t Au from 0m	Akyenase	1
AC13157004	696433	733199	228	136	-60	36.00	6m at 8.03g/t Au from 3m	Akyenase	1
AC13158002	696454	733309	230	136	-60	38.00	1m at 2.91g/t Au from 29m	Akyenase	1
AC13158003	696467	733296	228	136	-60	32.00	4m at 4.79g/t Au from 7m	Akyenase	1
AC13158004	696479	733288	227	136	-60	31.00	7m at 4.79g/t Au from 5m	Akyenase	1
AC13159003	697033	734228	235	136	-60	42.00	1m at 1.11g/t Au from 26m	Boabedroo East	1
AC13163002	740332	703156	318	136	-60	50.00	5m at 2g/t Au from 39m	Kwakawkaw Sth	1
AC13163003	740316	703174	320	136	-60	43.00	5m at 4.98g/t Au from 0m	Kwakawkaw Sth	1
AC13170004	704138	743500	304	136	-60	43.00	1m at 1.06g/t Au from 13m	Domeabra	1

Table 3: Assays reported are 4-m composite samples or 1-m resplits – the ‘samples’ column differentiates which. Exceptions (and the interval thickness) are indicated in the “samples” column. 4-m composite samples are reported where the composite grade is greater than 0.25g/t Au. 4-m composites results less than 1g/t Au include no internal dilution and consecutive samples have not been combined as single interval. 4-m composite samples which returned grades greater than 1g/t Au have been composited, without internal dilution.

For 1-m resplits, all intersections of at least 1m down hole with grade greater than 1.0g/t are reported and may include up to 2m internal waste. No top cut was used. Samples are analysed by 50g Fire Assay method at internationally accredited laboratories in Ghana. QA/QC samples are inserted regularly by the Company including certified reference samples, blanks and duplicates.

**Table 4 Anomalous AC drilling results, September Quarter 2013**

Hole ID	East	North	RL	Azi.	Dip	Hole Depth	Assay Result	Prospect	Sample
AC13015002	695770	735822	231	136	-60	6	4m at 0.27g/t Au from 0m	Ashanti Shear	4
AC13073006	703163	740274	321	136	-60	52	4m at 0.26g/t Au from 32m	Kwakawkaw Sth	4
AC13073007	703181	740257	327	136	-60	62	4m at 0.64g/t Au from 24m	Kwakawkaw Sth	4
AC13073008	703200	740236	333	136	-60	37	4m at 0.35g/t Au from 0m	Kwakawkaw Sth	4
AC13073008	703200	740236	333	136	-60	37	4m at 0.43g/t Au from 12m	Kwakawkaw Sth	4
AC13073009	703215	740217	338	136	-60	38	4m at 0.47g/t Au from 8m	Kwakawkaw Sth	4
AC13146012	700037	739044	274	136	-60	34	4m at 0.25g/t Au from 12m	Ashanti Shear	4
AC13146012	700037	739044	274	136	-60	34	2m at 0.33g/t Au from 32m	Ashanti Shear	4
AC13146013	700046	739032	274	136	-60	31	4m at 0.3g/t Au from 4m	Ashanti Shear	4
AC13146013	700046	739032	274	136	-60	31	4m at 0.39g/t Au from 8m	Ashanti Shear	4
AC13146013	700046	739032	274	136	-60	31	4m at 0.43g/t Au from 12m	Ashanti Shear	4
AC13146013	700046	739032	274	136	-60	31	4m at 0.3g/t Au from 16m	Ashanti Shear	4
AC13146013	700046	739032	274	136	-60	31	4m at 0.7g/t Au from 20m	Ashanti Shear	4
AC13146014	700055	739018	275	136	-60	42	4m at 0.32g/t Au from 0m	Ashanti Shear	4
AC13146014	700055	739018	275	136	-60	42	4m at 0.46g/t Au from 4m	Ashanti Shear	4
AC13146014	700055	739018	275	136	-60	42	4m at 0.28g/t Au from 32m	Ashanti Shear	4
AC13146014	700055	739018	275	136	-60	42	2m at 0.53g/t Au from 40m	Ashanti Shear	4
AC13147003	700155	739347	261	136	-60	33	4m at 0.36g/t Au from 24m	Ashanti Shear	4
AC13147010	700218	739288	259	136	-60	49	4m at 0.86g/t Au from 8m	Ashanti Shear	4
AC13157001	696403	733234	233	136	-60	51	4m at 0.51g/t Au from 0m	Akyenase	4
AC13157001	696403	733234	233	136	-60	51	4m at 0.29g/t Au from 8m	Akyenase	4
AC13157002	696417	733217	230	136	-60	39	4m at 0.7g/t Au from 0m	Akyenase	4
AC13157003	696427	733204	229	136	-60	15	4m at 0.6g/t Au from 0m	Akyenase	4
AC13157003	696427	733204	229	136	-60	15	3m at 0.4g/t Au from 12m	Akyenase	4
AC13157004	696433	733199	228	136	-60	36	4m at 0.83g/t Au from 8m	Akyenase	4
AC13158002	696454	733309	230	136	-60	38	4m at 0.35g/t Au from 24m	Akyenase	4
AC13158002	696454	733309	230	136	-60	38	4m at 0.59g/t Au from 28m	Akyenase	4
AC13158003	696467	733296	228	136	-60	32	4m at 0.62g/t Au from 4m	Akyenase	4
AC13158003	696467	733296	228	136	-60	32	4m at 0.95g/t Au from 20m	Akyenase	4
AC13158004	696479	733288	227	136	-60	31	4m at 0.25g/t Au from 0m	Akyenase	4
AC13159002	697018	734239	234	136	-60	43	4m at 0.25g/t Au from 20m	Boabedroo East	4
AC13159003	697033	734228	235	136	-60	42	4m at 0.69g/t Au from 24m	Boabedroo East	4
AC13170004	704138	743500	304	136	-60	43	4m at 0.33g/t Au from 12m	Domeabra	4
AC13170004	704138	743500	304	136	-60	43	4m at 0.42g/t Au from 16m	Domeabra	4
AC13174002	699470	736158	290	136	-60	40	4m at 0.32g/t Au from 24m	Kyereben East	4

*Table 4: Anomalous AC assays reported are 4-m composite samples. Exceptions (and the interval thickness) are indicated in the "samples" column. 4-m composite samples are reported where the composite grade is greater than 0.25g/t Au. 4-m composites results less than 1g/t Au include no internal dilution and consecutive samples have not been combined as single interval*

*No top cut was used. Samples are analysed by 50g Fire Assay method at internationally accredited laboratories in Ghana. QA/QC samples are inserted regularly by the Company including certified reference samples, blanks and duplicates.*