

ASX Release

Friday 10 August 2010

**SIGNATURE METALS
LIMITED**

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1,185 million shares

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SIGNATURE METALS BROADCAST

Signature Metals Limited is pleased to provide shareholders with the opportunity to view the presentation made by Bill Oliver, Managing Director, to the Africa Down Under conference in Perth last week. The presentation was titled "**Signature Metals – Building a Significant Gold Project in the Ashanti Gold Belt**".

To listen copy the following details into your web browser:

brr.com.au/event/68659

SIGNATURE METALS

- Aiming to develop the Konongo Gold Project into a +100,000 ounce per annum gold producer.
- The Konongo Gold Project consists of a mining license and prospecting license covering 192km² in the Ashanti Gold Belt of Ghana. Extension of mining license to 2023 recently granted.
- Past production from Konongo Gold Project of 1.6 million ounces at a head grade of 11.8g/t gold.
- JORC Resources of over 1.27 million ounces (Table 1).
- Exploration Target¹ of 1.5 - 2.5 million ounces of gold (20 – 25 million tonnes at a resource grade of 2 - 4g/t gold).
- Exploration programmes progressing well, with over 15,000 metres of drilling completed and a substantial number of high grade results received.
- Mining designs and schedule being re-optimised to maximise operating margins.
- Onsite CIL plant being refurbished at a fraction of the cost of purchasing a new/second hand plant. Lead time to commissioning scheduled within six months.
- Environmental studies progressing rapidly. Environmental Impact Study to be submitted to the EPA this quarter.
- Significant Manganese discovery.

¹This exploration target is conceptual in nature and relates to defined exploration targets/areas where mineralisation has been identified but resources have not been delineated. The quantity and grade of the exploration target is based on past production records and in comparison with currently defined Mineral Resources contained within the project. There has been insufficient exploration to define a Mineral Resource in these areas (aside from the resources presented earlier) and it is uncertain if further exploration will result in the determination of a Mineral Resource different to the JORC-Code compliant resource presented earlier. Signature Metals has an exploration strategy to systematically test these areas to determine if Mineral Resources are present.

Table 1. Resources contained within the Konongo Gold Project. Re-estimated resources highlighted in bold.

Deposit	Measured			Indicated			Inferred			Total		
	Tonnes	Grade (g/t)	Contained Ounces	Tonnes	Grade (g/t)	Contained Ounces	Tonnes	Grade (g/t)	Contained Ounces	Tonnes	Grade (g/t)	Contained Ounces
Obenemase				3,267,000	3.08	323,605	1,739,000	2.37	132,695	5,006,000	2.83	456,300
Asieye							1,500,000	0.80	38,580	1,500,000	0.80	38,580
Kwakawkaw							344,000	4.31	47,675	344,000	4.31	47,675
Nyabo East							540,000	1.03	17,940	540,000	1.03	17,940
Patuo				128,000	1.43	5,905	445,000	1.44	20,660	573,000	1.44	26,565
Kyereben West							124,000	3.10	12,360	124,000	3.10	12,360
Aserewa				324,000	2.42	25,130	136,000	4.66	20,355	460,000	3.10	45,485
Atunsu				99,000	2.01	6,415	659,500	2.61	55,435	758,500	2.54	61,850
Apan				39,000	2.03	2,565	526,000	2.22	37,620	565,000	2.21	40,185
Leopard Shaft							95,000	7.55	23070	95,000	7.55	23,070
Boabedroo				192,500	2.63	16,295	2,184,500	2.58	180,900	2,377,000	2.58	197,195
Akyenase Central				58,000	4.00	7,460	96,000	8.80	27,160	154,000	6.99	34,620
Santreso West				3,520,000	1.20	135,810	810,000	1.25	32,555	4,330,000	1.21	168,365
Santreso South							340,000	1.16	12,680	340,000	1.16	12,680
Santreso East							700,000	1.27	28,610	700,000	1.27	28,610
Old Tailings Dam				1,177,000	1.19	45,050	575,000	0.87	16,100	1,752,000	1.09	61,150
Total	0	0	0	8,804,500	2.01	568,235	10,814,000	2.03	704,395	19,618,500	2.02	1,272,630

The Mineral Resources presented in this table for the Obenemase, Boabedroo, Aserewa, Atunsu, Apan and Patuo Deposits, and the Old Konongo Tailings Dam, is based on information compiled by Mr Peter Ball who is a Member of the Australian Institute of Mining and Metallurgy and is the Manager of Data Geo. Mr Ball 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 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Ball consents to the inclusion of this table in the report in the form and context in which it appears based on the information presented to him.

The Mineral Resources for the Obenemase, Boabedroo, Aserewa, Atunsu, Apan and Patuo Deposits were derived from solid models of mineralised zones defined by geology and Au grade. Au grade was estimated into block models created from these zones using Inverse Distance². Tonnage was assigned by weathering condition (oxide, transition, fresh) using default SG values generated from historical drill core measurements. The Mineral Resources are classified according to geological continuity, grade continuity and geostatistical parameters relating to sample density. The Mineral Resource is reported below the recorded extents of open cut mining at a 1.0g/t cutoff for fresh rock material and a 0.5g/t cutoff for oxide & transition material. Material recorded as being mined by underground methods has also been removed from the Mineral Resource.

Other Mineral Resources presented in this table have been compiled and reviewed by Mr Bill Oliver from publically stated JORC-compliant information originally prepared in 2005 by RSG Global for Mwana Africa's AIM-listing document. This information, in the opinion of Mr Oliver, complies with the reporting standards of the 2004 JORC Code. Mr Oliver is a Member of the Australian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists 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 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Oliver is a Director of Signature Metals and consents to the inclusion of this table in the form and context in which it appears based on the information presented to him.