



ASX ANNOUNCEMENT

11 June 2013

BOSS CONFIRMS 4KM OF CONTINUOUS MINERALISATION AT MA PROSPECT WITH BROAD TRENCH INTERCEPTS

HIGHLIGHTS:

- Infill and strike extension trenching at the Ma East Prospect returned significant broad intercepts from all 3 trenches excavated, including:
 - 36m @ 1.3g/t Au (ending in mineralisation) including 15m @ 2.7g/t Au (METR001)
 - 21m @ 1.0g/t Au including 9m @ 1.7g/t Au (METR002)
 - 11m @ 1.4g/t Au including 6m @ 2.1g/t Au (METR003)
- Gold mineralisation at Ma East has been extended over 200m to the NW of previous drilling.
- The trench results confirm the interpreted 4 kilometres of continuous gold mineralisation along the Ma Shear Zone.
- Gold mineralisation is associated with sheared quartz veined altered basalt and felsic dykes hosting grades up to 6g/t Au in rock chip samples from recent sampling.

Boss Resources Limited (ASX: BOE) has received significant gold intercepts from three trenches excavated across the Ma Shear Zone at the Ma East Prospect within the Golden Hill Project, Burkina Faso (Fig. 1). The trenching program was designed to determine the orientation and grade of gold mineralisation at surface within the 4km long Ma gold anomaly.

Three trenches were hand dug across the Ma Shear Zone for a total length of 172m (avg. 57m). The trenches were excavated down to an average depth of 1.5m. Weathered bedrock (saprolite) was encountered in all trenches beneath 0.5-1m of residual soil cover.

Gold mineralisation within METR001 (36m @ 1.3g/t Au EOT) and METR002 (21m @ 1.0g/t Au) corresponds to stockwork quartz veining within altered basalt and felsic dykes. The gold intercept in METR003 (11m @ 1.4g/t Au) corresponds to sheeted quartz veins within altered basalt. Four selective rock chip samples from within METR002 included 6.4g/t, 5.1g/t, 4.7g/t and 2.02g/t Au.

The trench intercepts, combined with previous drill results, confirm continuous gold mineralisation over a 4km strike length of the Ma Shear Zone. The trench results indicate multiple lodes up to 50m wide.

Resource definition drilling is required along the entire length of the Ma Shear Zone, and at the numerous ore zones within the 6km long Intiedougou soil anomaly just 8km to the south of Ma.

Boss' Golden Hill Project is ideally located among one of Burkina Faso's newest gold provinces in the Houde Greenstone Belt. Golden Hill is located only 14km from Endeavour Mining Corporations 2.2Moz Vindaloo deposit

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which is currently undergoing a BFS following the successful completion of a PEA earlier this year. The Houde Greenstone Belt also contains Semafo's 6.6Moz Mana Gold Mine and Sarama Resources' MM discovery.

A comprehensive review of data is being undertaken to identify further priority drill targets within the Company's Golden Hill Project. Boss has identified over 12 untested anomalies with follow up work expected to commence after the upcoming wet season.

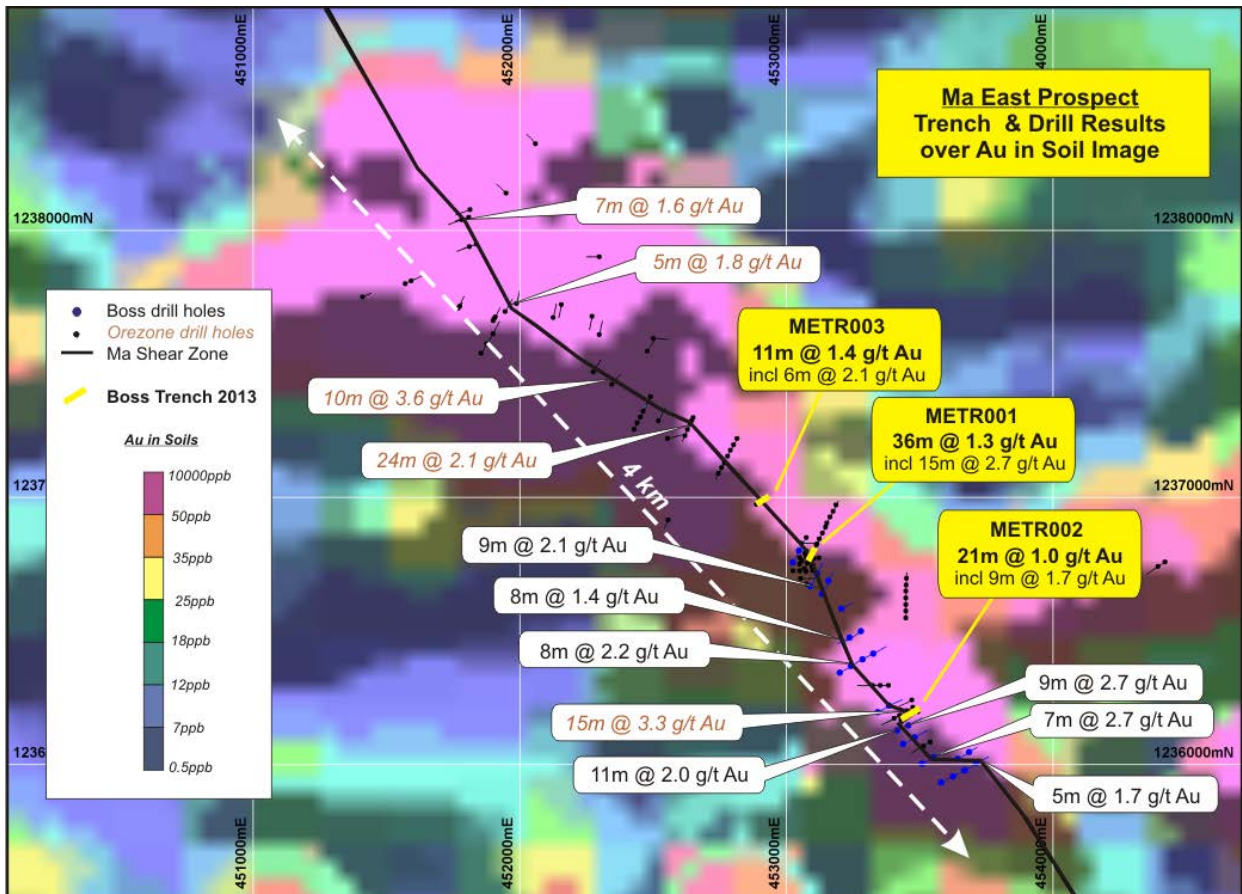


Figure 1: Ma Shear Zone previous drilling and current trenching intercepts over gold in soil image

Trenching results from the Ma East Prospect include the following significant intercepts:

Table 1: Ma East Prospect significant trench channel sample results (all results >12 gxm)

Hole ID	Coordinates *		Dip (°)	Az * (°)	Length (m)	Intercept (m)			Grade (g/t Au)
	East (m)	North (m)				From	To	Width	
METR001	453081	1236770	0	27	42.3	6	42.3 EOT	36.3	1.31
incl.						16.5	31.5	15	2.73
METR002	453431	1236168	0	60	80	43	64	21	0.98
incl.						47.5	56.5	9	1.68
METR003	452888	1236975	0	60	49.5	13.5	24	10.5	1.44
incl.						18	24	6	2.14

* WGS84 Zone 31N, 0.25g/t lower cut, max 3m internal waste, no upper cut, only >12 gram x metre intercepts reported

All intercepts are derived from individual 1 to 2m samples collected using a trench wall channel sampling system.

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Boss implements a rigorous quality control program with trenching. Samples were assayed using standard fire assay techniques.

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Boss Resources Limited is a gold exploration company with 3 high quality 100% owned gold projects covering 1730km² of Birimian Greenstone Belts in Burkina Faso, West Africa. The Company is focused on increasing shareholder wealth by exploring for and developing quality mineral resources in Burkina Faso, and evaluation and acquisition of additional highly prospective projects.

The information in this report that relates to exploration results is based on information compiled by Mr. Leigh Ryan, the company's Managing Director, who is a member of the Australian Institute of Geoscientists. Mr. Ryan has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and the activity he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Ryan consents to the inclusion in the report of the matters based on information in the form and context in which it appears.

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