

ASX / Media Release 05 November 2010

MORE POSITIVE DRILLING RESULTS AT HORSESHOE LIGHTS PROJECT

- All 3 metre composite assay results now received for Phase 1 RC (Reverse Circulation) percussion drilling programme (13 RC holes, 2620 metres) at Horseshoe Lights VHMS Cu-Au Project in Western Australia in August 2010.
- Assay results confirm the occurrence of multiple zones of copper mineralisation and indicate potentially significant extensions to previously drilled mineralisation.
 - Best intersections, including those results previously announced on 4 October 2010 for holes RC 1006 RC 1012, are:
 - RC 1004 18m @ 1.76% Cu (15-33m) including <u>3m @ 3.34% Cu;</u>
 27m @ 0.94% Cu (36-63m).
 - RC 1005 18m @ 1.68% Cu (93-111m) including <u>3m @ 4.54% Cu;</u>
 12m @ 0.66% Cu (153-165m).
 - RC 1006 33m @ 0.59% Cu (75-108m);

15m @ 0.83% Cu (141-156m).

- RC 1007 21m @ 0.89% Cu (114-135m);
 21m @ 0.97% Cu (189-210m) including 3m @ 3.38% Cu.
- RC 1008 18m @ 1.61% Cu (111-129m) including <u>3m @ 4.26% Cu;</u>
 15m @ 0.53% Cu (189-204m).
- RC 1010 51m @ 0.77% Cu (33-84m);

9m @ 1.71% Cu (168-177m) including <u>3m @ 3.72% Cu</u>.

RC 1011 – 30m @ 0.75% Cu (69-99m);

18m @ 1.27% Cu (114-132m) including <u>3m @ 4.09% Cu;</u>

15m @ 0.62% Cu (159-174m).

- Analysis of 1m splits for check Cu assays is in progress.
- Phase 2 drilling programme is scheduled to commence in November 2010.

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Horseshoe Metals Limited (**ASX: HOR**) ("Horseshoe" or "the Company") is pleased to announce final results of 3m composite sample analysis from its recent drilling programme at its 100% owned Horseshoe Lights VHMS Cu-Au project ("Horseshoe Lights Project") located in the highly prospective Bryah Basin, 75km West-Northwest of Sandfire Resources NL's Doolgunna Cu-Au project, in Western Australia (see figure 1).

This announcement includes the initial drilling results for holes RC 1006 – RC 1012, released to the ASX on 4 October 2010 and discussion about the overall results of the Phase 1 drilling programme.



Figure 1 - Project Location Plan

ABN 20 123 133 166 Unit 6/11 Colin Grove, West Perth PO Box 256 West Perth WA 6872 Ph (08) 9481 5866 Fax: (08) 9481 5966 www.horseshoemetals.com.au

Horseshoe Lights Project

The Horseshoe Lights Project comprises sixteen tenements that cover an area of approximately 79.98km² including the old open pit of the Horseshoe Lights copper-gold mine which operated intermittently between 1946 and 1994, producing over 300,000 ounces of gold and 54,000 tonnes of copper. The Horseshoe Lights orebody is interpreted as a deformed volcanic-hosted massive sulphide (VHMS) deposit that has undergone supergene alteration to generate the gold-enriched and copper-depleted cap that was the target of initial mining.

The deposit is hosted by quartz-sericite and quartz-chlorite schists of the Lower Proterozoic Narracoota Volcanics, which also host the Sandfire Resources' recent Doolgunna Cu-Au discovery.

Past mining was focused on the Main Zone, a series of lensoid ore zones which passed with depth from a gold-rich oxide zone through zones of high-grade chalcocite mineralisation into massive pyrite-chalcopyrite. To the west and east of the Main Zone, copper mineralisation in the Northwest Stringer Zone and Motters Zone consists of veins and disseminations of chalcopyrite and pyrite and their upper oxide copper extensions.

Previous operators of the mine drilled 829 RC and approximately 60 diamond drill-holes, many of which do not exceed 100m in depth and, in the case of some of the sterilisation holes drilled in the 1980's, did not assay for copper.

The project has had no exploration since the early 1990's, and Horseshoe believes that systematic drilling combined with the application of modern EM geophysical methods can upgrade the known resources and lead to new discoveries in the mine area.

Results of Phase 1 Drill Programme

Horseshoe completed a programme of 13 Reverse Circulation (RC) percussion drill-holes totalling 2,620 metres within Mining Lease 52/743 in August 2010. Drill-hole locations are shown in Figure 2.

The recent programme was designed to test and extend the existing resource by drilling:

- gaps and down dip extensions of the Northwest stringer zone,
 - north, and north-westerly strike extensions of the Northwest stringer zone, and
 - potential mineralised zones south of the Motter's Zone.

Holes from the current programme were sampled on 1m intervals with 3m composite samples submitted for analysis of gold, copper and 32 other elements to Genalysis Laboratory Services Pty Limited. Mineralised 3m composites are now being re-assayed at 1m intervals and tested for acid-soluble copper.

All holes in the drill programme intersected either oxide and/or sulphide copper mineralisation. Intersections above 0.25% Cu are shown in Table 1.

Hole RC1005 intersected a significant extension (18 metres at 1.68% Cu including **3m @ 4.54% Cu**) of the Northwest Stringer Zone in an area where previous sterilisation drilling is considered too shallow and was assayed for Au only. This zone remains open to the north and down dip.

Infill and down-dip drilling of the Northwest Stringer Zone (Holes RC1003, 1004, 1006-1012) has generally confirmed current mineralisation models. Infill hole RC1004 intersected significant zones of shallow mineralisation including 18m @ 1.76% Cu at 15-33m down-hole depth and 27m @ 0.94% Cu at 36-63m down hole depth.

Holes RC1000, 1001 and 1002 intersected low grade oxide copper mineralisation (best intercept 6m at 0.49% Cu in RC1001) as southerly extensions of the Motters Zone stringer mineralisation.

Evaluation of the results of multi-element analyses on the 3m composite samples is ongoing. Initial interpretation indicates stringer zone-type copper mineralisation at Horseshoe Lights is associated with Na and K depletion, and Mg enrichment in the altered schistose metavolcanics.

Results broadly support the historical drill results in the area drilled and point to potentially significant extensions of ore-grade ore-width mineralisation, especially hole RC1005. The historical drilling data formed the basis for the resource estimate previously released by Horseshoe, comprising an Inferred Mineral Resource (reported above 0.25% Cu) of 4.9 million tonnes @ 1.0% copper containing 48,000 tonnes of copper metal.

The recent drill-holes were affected by substantial deviation (i.e. curving) however, and as the old RC holes were not surveyed, this has led to complications in making a direct correlation between historical and recent mineralised intersections. It is planned to address this issue by surveying critical old holes that remain open during the forthcoming drill program to confirm the down hole dip and azimuth of these old holes.

Future Exploration Programme

The Company has contracted Geotech Airborne Pty Ltd to undertake a 500 line kilometre, lowlevel airborne VTEM survey over the Horseshoe Lights project and its environs in November 2010. This survey is designed to identify conductive massive sulphide zones as repetitions or extensions to the Main Horseshoe Lights mineralisation.

It is planned to commence the next phase of RC drilling at Horseshoe Lights in the second week of November. Drilling will include additional confirmatory drilling within the resource envelope, as well as targeting resource extensions such as those identified by drill hole RC1005.



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Figure 2 – Drill Hole Location Plan

For further information please contact:

Neil Marston Managing Director Horseshoe Metals Limited Ph: +61 8 9481 5866 M: 0427 188 768 E: <u>nam@horseshoemetals.com.au</u> Website: <u>www.horseshoemetals.com.au</u>

David Brook Professional Public Relations Pty Ltd Ph: +61 8 9388 0944 M: 0415 096 804 E: <u>david.brook@ppr.com.au</u>

ABN 20 123 133 166 Unit 6/11 Colin Grove, West Perth PO Box 256 West Perth WA 6872 Ph (08) 9481 5866 Fax: (08) 9481 5966 www.horseshoemetals.com.au

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About Horseshoe Metals Limited

Horseshoe Metals Limited is a copper and gold focused company with a package of tenements covering approximately 300km² in the highly prospective Peak Hill Mineral Field located north of Meekatharra in Western Australia. The Company's projects are the Horseshoe Lights Project and the Kumarina Project. The Horseshoe Lights Project includes the closed Horseshoe Lights Mine which produced over 300,000 oz of gold and over 54,000 tonnes of copper during the period 1946-1994. The Horseshoe Lights Mine lies within the Narracoota Volcanics geological unit and is considered to be a Volcanic Hosted Massive Sulphide (VHMS) style deposit.

Competent Persons Statement

The information in the report to which this statement is attached that relates to Exploration Results is based on information compiled by Mr Mark Teakle, who is a Member of The Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mark Teakle is employed by CSA Global.

Mark Teakle 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'. Mark Teakle consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this announcement that relates to Mineral Resources in relation to the Horseshoe Lights Project is based on information compiled by Neil Inwood and Stuart Hall as described below:

The Mineral Resource estimate is based on information compiled by Neil Inwood. Neil Inwood is a Member of The Australasian Institute of Mining and Metallurgy. Neil Inwood is employed by Coffey Mining Pty Ltd.

The drill hole database used for the Mineral Resource estimate is based on information compiled by Mr Stuart Hall, a Director of the Company. Stuart Hall is a Fellow of The Australasian Institute of Mining and Metallurgy.

Messrs Inwood and Hall have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which is being undertaking, to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Mineral Resources and Reserves" Messrs Inwood and Hall consent to the inclusion in the announcement of the statements based on their information in the form and context in which those statements appear.

	Table 1 Horseshoe Lights Project Copper Intersections - Holes RC 1000 -1012 (3m Composites / 0.25% Cu cut-off)								
	Hole Number	Northing (GDA)	Easting (GDA)	Dip	Total Depth	Depth (down hole)	Interval (metres)	Cu%	Comments
	RC 1000	7194310	663256	-60	110m	27-30m	3	0.49%	Oxide Zone
	BC 1001	7194284	663321	-60	110m	54-57m	3	0.84%	Oxide Zone
		7134204	003321	00	110111	60-63m	2	0.28%	Oxide Zone
						75.91m	5	0.28%	Oxide Zone
	/					75-81M	6	0.49%	Oxide Zone
61	RC 1002	7194309	663206	-60	110m	81-84m	3	0.38%	Oxide Zone
	RC 1003	7194284	663025	-60	150m	12-15m	3	0.26%	Oxide Zone
(())						27-30m	3	0.71%	Oxide Zone
						48-51m	3	0.45%	Oxide Zone
	5					63-66m	3	0.26%	Oxide Zone
	7					78-81m	3	0.32%	Oxide Zone
	RC 1004	7194208	662996	-60	175m	15-33m	18	1.76%	Oxide Zone
AP	including					18-21m	3	3.34%	Oxide Zone
GR	J					36-63m	27	0.94%	Oxide Zone
\square						66-75m	9	0.53%	Oxide Zone
19						81-90m	9	0.43%	Oxide Zone
						93-96m	3	0.26%	Sulphide Zone
						108-111m	3	0.63%	Sulphide Zone
						153-156m	3	1.24%	Sulphide Zone
	RC 1005	7194358	662885	-60	200m	69-78m	9	0.34%	Oxide Zone
						84-87m	3	0.27%	Oxide Zone
						93-111m	18	1.68%	Sulphide Zone
UL	Jincluding					108-111m	3	4.54%	Sulphide Zone
\square						114-117m	3	0.39%	Sulphide Zone
	2					138-141m	3	0.32%	Sulphide Zone
						153-165m	12	0.66%	Sulphide Zone
5						168-171m	3	0.30%	Sulphide Zone
						183-186m	3	0.77%	Sulphide Zone
$(\square$									
	RC 1006	7194308	662875	-60	244m	60-63m	3	0.28%	Oxide Zone
						66-69m	3	0.33%	Oxide Zone
						75-108m	33	0.59%	Combined
									oxide and
									sulphide
						141-156m	15	0.83%	Sulphide Zone

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ABN 20 123 133 166 Unit 6/11 Colin Grove, West Perth PO Box 256 West Perth WA 6872 Ph (08) 9481 5866 Fax: (08) 9481 5966 www.horseshoemetals.com.au

	Table 1 (continued) Horseshoe Lights Project Copper Intersections - Holes RC 1000 -1012 (3m Composites / 0.25% Cu cut-off)								
	Hole Number	Northing (GDA)	Easting (GDA)	Dip	Total Depth	Depth (down hole)	Interval (metres)	Cu%	
	RC 1007	7194258	662895	-60	247m	27-30m	3	0.33%	Oxide Zone
Ī						108-111m	3	0.38%	Sulphide Zone
						114-135m	21	0.89%	Sulphide Zone
	including					120-123m	3	1.98%	Sulphide Zone
						141-144m	3	0.41%	Sulphide Zone
\Box)					147-156m	9	0.67%	Sulphide Zone
						159-168m	9	0.58%	Sulphide Zone
						177-186m	9	0.43%	Sulphide Zone
)					189-210m	21	0.97%	Sulphide Zone
	including					207-210m	3	3.38%	Sulphide Zone
$\langle \rangle$)					213-216m	3	1.32%	Sulphide Zone
	7					225-228m	3	0.54%	Sulphide Zone
	RC 1008	7194238	662900	-60	250m	87-90m	3	0.38%	Oxide Zone
-1	/					111-129m	18	1.61%	Sulphide Zone
	including					117-120m	3	4.26%	Sulphide Zone
	and					120-126m	6	1.82%	Sulphide Zone
	{					132-141m	9	0.62%	Sulphide Zone
79)					153-159m	6	1.57%	Sulphide Zone
=						165-174m	9	0.42%	Sulphide Zone
						189-204m	15	0.53%	Sulphide Zone
$ \frown $						216-219m	3	0.32%	Sulphide Zone
\subseteq	RC 1009	710/208	662900	-60	250m	12-21m	9	0.42%	Ovide Zone
7/5	1005	7134200	002500	00	23011	99-102m	3	0.42/0	Sulphide Zone
94	/					111_11/m	3	0.34%	Sulphide Zone
\subseteq						123-126m	3	0.31%	Sulphide Zone
						141-1//m	2	0.30%	Sulphide Zone
UD)					147-152m	6	0.30%	Sulphide Zone
\ge						159-168m	<u>q</u>	0.40%	Sulphide Zone
\bigcirc)					17/_180m	6	0.20%	Sulphide Zone
						189_105m	6	0.00%	Sulphide Zone
, F						108-20/m	6	1 1/0/	Sulphide Zone
\subseteq						210-204111 210-221m	12	1.14%	Sulphide Zone
$ \rightarrow $						213-231111	12	0.33/0	
J)								

7	Table 1 (continued) Horseshoe Lights Project Copper Intersections - Holes RC 1000 -1012 (3m Composites / 0.25% Cu cut-off)									
\geq	Hole Number	Northing (GDA)	Easting (GDA)	Dip	Total Depth	Depth (down hole)	Interval (metres)	Cu%		
	RC 1010	7194188	662976	-65	250m	33-84m	51	0.77%	Oxide Zone	
						102-105m	3	0.64%	Combined oxide and sulphide	
	<u> </u>					108-111m	3	0.61%	Sulphide Zone	
						120-126m	6	0.62%	Sulphide Zone	
a	<u>}</u>					153-156m	3	0.38%	Sulphide Zone	
))					162-165m	3	0.45%	Sulphide Zone	
						168-177m	9	1.71%	Sulphide Zone	
$\left(\left(\right) \right)$	including					174-177m	3	3.72%	Sulphide Zone	
	RC 1011	7194269	662927	-65	220m	45-48m	3	0.29%	Oxide Zone	
						69-99m	30	0.75%	Combined oxide and sulphide	
GP	7					114-132m	18	1.27%	Sulphide Zone	
CC	including					117-120m	3	4.09%	Sulphide Zone	
	and					120-123m	3	1.74%	Sulphide Zone	
						159-174m	15	0.62%	Sulphide Zone	
	RC 1012	7194188	662866	-65	304m	147-150m	3	0.27%	Sulphide Zone	
						159-162m	3	0.32%	Sulphide Zone	
$\left(\left(\right) \right)$						168-171m	3	0.54%	Sulphide Zone	
						177-180m	3	0.26%	Sulphide Zone	
						189-192m	3	0.32%	Sulphide Zone	
a						195-198m	3	0.33%	Sulphide Zone	
UL	<u> </u>					201-207m	6	0.31%	Sulphide Zone	
						210-216m	6	0.63%	Sulphide Zone	
))					246-249m	3	0.73%	Sulphide Zone	
						282-285m	3	0.27%	Sulphide Zone	