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ANNOUNCEMENT TO ASX LIMITED

HAWTHORN INTERSECTS FURTHER HAEMATITE IN DRILLING PROGRAM AT MT BEVAN, WESTERN AUSTRALIA

SUMMARY:

- Drilling extends the known Mt Mason haematite orebody of Jupiter Mines Limited further onto Hawthorn Resources Mt Bevan tenement with results from angled holes including
 - **28 metres @ 57.9 % Fe from 78 metres and**
 - **6 metres @ 57.2 % Fe from 112 metres (MNC073)**
 - **12 metres @ 57.1 % Fe from 84 metres,**
 - **6 metres @ 56.0 % Fe from 102 metres and**
 - **10 metres @ 58.8 % Fe from 128 metres (MNC077)**

with generally low contaminant contents of Al and Si of 10-20% combined

- Initial broad spaced drilling of newly discovered haematite horizon 6.0 - 8.8 kilometres north of Mt Mason orebody returns results including
 - **8 metres @ 56.0 % Fe from 18 metres (MBC911)**
 - **11 metres @ 50.0 % Fe from 6 metres (MBC910)**
 - **6 metres @ 52.2 % Fe from 18 metres (MBC915)**

with generally low contaminant contents of Al and Si of 10-20% combined

- Footwall iron formation unit continues to reveal broad zones of magnetite – prospective sub-outcropping zone appears continuous over the 5.6 kilometres tested to date.

INTRODUCTION:

Hawthorn Resources Limited ('Hawthorn'), ASX Code: HAW, is pleased to announce further results from programs within the Mt Bevan Iron Ore Project area (100 per cent interest).

The project is focused on tenement E29/510 approximately 100 kilometres west of Leonora, Western Australia which extends northwards along strike from the "Mt Mason Iron Ore Resource" (5.75 Mt @ 59.9% Fe) of Jupiter Mines Limited ('Jupiter').

Exploration by Hawthorn at Mt Bevan has identified widespread, outcropping and sub-outcropping haematite and magnetite mineralisation in a package of BIF's, interbedded shales, other sediments, mafic volcanics and intrusives that extend in a north westerly orientation through the entire strike length of tenement E29/510 – a distance of over 25 kilometres.

In addition zones of flatlying haematite-geothite mineralisation have been identified in the lowermost portions of a pervasive laterite horizon throughout much of the tenement area. This layer is believed to be similar to the channel Fe deposits of the Pilbra and may represent a near surface resource of iron ore fines that can be further upgraded by simple dry screening

A further short RC drill program was completed during May 2009 (22 holes / 1945 metres).

The program, of predominantly angled RC holes, was designed to:

- test strike extensions of the Mt Mason haematite orebody in the southern portion of the tenement,
- initially test a newly identified horizon of outcropping haematite mineralisation and
- infill drilling on extensive footwall magnetite iron formation zones.

Mt Mason Extension

Further holes were drilled along the northern strike extension of the Mt Mason orebody of Jupiter Mines Limited where an inferred resource of 5.75 Mt @ 59.9% Fe has been reported.

Previous drilling by Hawthorn intersected broad, relatively shallow zones of haematite mineralisation including

- 40 metres @ 61.2% Fe from 48 metres
- 17 metres @ 57.2% Fe from 37 metres
- 24 metres @ 58.2 % Fe from 59 metres

directly along strike of the Mt Mason resource.

The current program has intersected the interpreted extension of the Mt Mason mineralised body approximately 120 metres along strike, within Hawthorn's tenement in a section of angled drillholes, including drillholes MNC073 and MNC077.

Table 1. Haematite / Geothite / Magnetite zones intersected May 2009 – Mt Mason Extension

Drillhole	From	To	Interval	Fe %	SiO ₂ %	Al ₂ O ₃ %	P %	LOI	
MNC007B	12	18	6	48.1%	10.9	8.2	0.042	10.5	Haem/geothite
	68	84	16	53.6%	19.9	1.3	0.031	2.09	Haem
	126	136	10	54.3%	18.2	0.9	0.130	-0.63	Haem/magnetite
MNC073	14	30	16	48.6%	10.5	6.9	0.044	11.9	Haem/geothite
	78	106	28	57.9%	9.8	2.8	0.096	4.07	Haem
	108	110	2	52.6%	17.0	4.0	0.077	3.05	Haem
	112	118	6	57.2%	12.8	1.7	0.073	3.30	Haem
MNC077	84	96	12	57.1%	15.4	0.9	0.015	1.69	Haem
	102	108	6	56.0%	16.3	1.1	0.230	2.25	Haem
	128	138	10	58.8%	13.1	0.8	0.050	0.69	Haem/magnetite

All assays – Ultratrace, Perth – Scheme XRF-FeOreSuite1

All samples collected at 2 metre intervals and vibro-riffle split direct from cyclone

Hole locations and orientation in Appendix1

In addition a hanging-wall zone of lower grade haematite mineralisation has been identified in drillhole MNC007B, whilst previously reported fissile chunks of goethite and haematite continue to be intersected in a thick flat lying zone at the base of the laterite layer that covers the drilled high grade haematite mineralisation. The potential for this material to be simply screened to produce a high grade iron concentrate continues to be assessed

Attempts to further intersect the interpreted strike of the mineralised zone were hampered by drillsite access and ground condition issues.

New Haematite-Rich Horizon

During the current program a newly identified horizon of sub-outcropping haematite mineralisation was drill tested. The zone, interpreted to extend for over 2.8 kilometres of strike length, was tested by several shallow RC holes in positions accessible from existing tracks only.

Most holes from this program intersected the target haematite rich iron formation horizon with anomalous results recovered as below.

Table 2. Haematite zones intersected May 2009 – Mt Bevan Area

Drillhole	From	To	Interval	Fe %	SiO ₂ %	Al ₂ O ₃ %	P %	LOI	
MBC910	6	17	11	50.0%	12.0	8.3	0.022	7.41	Haem
MBC911	18	26	8	56.0%	8.7	4.1	0.023	6.60	Haem
MBC913	2	8	6	49.5%	10.8	6.1	0.028	11.1	Haem/goethite
MBC914	2	6	4	50.5%	9.5	5.8	0.000	11.8	Haem/goethite
MBC915	18	24	6	52.2%	16.7	2.8	0.010	5.39	Haem

All assays – Ultratrace, Perth – Scheme XRF-FeOreSuite1
 All samples collected at 2 metre intervals and vibro-riffle split direct from cyclone
 Hole locations - Appendix1. All holes drilled -60°

In particular the haematite rich, shallow intersections returned from adjacent drillholes MBC910 and MBC911 have indicated that at least two sub-parallel horizons of mineralisation are associated with this newly identified zone of mineralisation.

A further hole, MBC902, drilled approximately 250 metres to the south of the MBC910 and MBC911 results, also intercepted the target horizons over similar widths, however samples from this hole were contaminated during transport and require resubmission for assay. Re-assessment of the entire extent of this newly identified haematite horizon has commenced to optimise future drilling programs.

The company is investigating the extent to which simple dry screening of this extensive, weathered, near surface haematite rich material will further upgrade this zone to a shipping product with relatively low total contaminants.

Magnetite Iron Formation Unit

Five further RC holes were drilled intersecting the previously announced and discussed “footwall” magnetite iron formation unit. These extra drill holes have confirmed both the strike continuity (over 5.0 kilometres drilled to date) and width (over 80 metres true width) of this substantial sub-outcropping zone. Davis Tube and other metallurgical testworks are being considered to further assess options associated with this unit.

Discussion

Hawthorn is encouraged by these results in that they clearly demonstrate the continuity of the known Mt Mason orebody into Hawthorn's tenement package. In addition the current drilling should enhance the potential viability of this orebody – the largest haematite mineralised body currently identified in the Central Yilgarn to date.

In addition the discovery of new zones of haematite mineralisation, distant from Mt Mason, highlights the potential of the remainder of Hawthorn's Mt Bevan tenements to host significant haematite orebodies that currently remain undiscovered due to limited surface exposure.

Future exploration will be focussed on expanding the extent of the newly identified haematite mineralised zones, distant to Mt Mason.

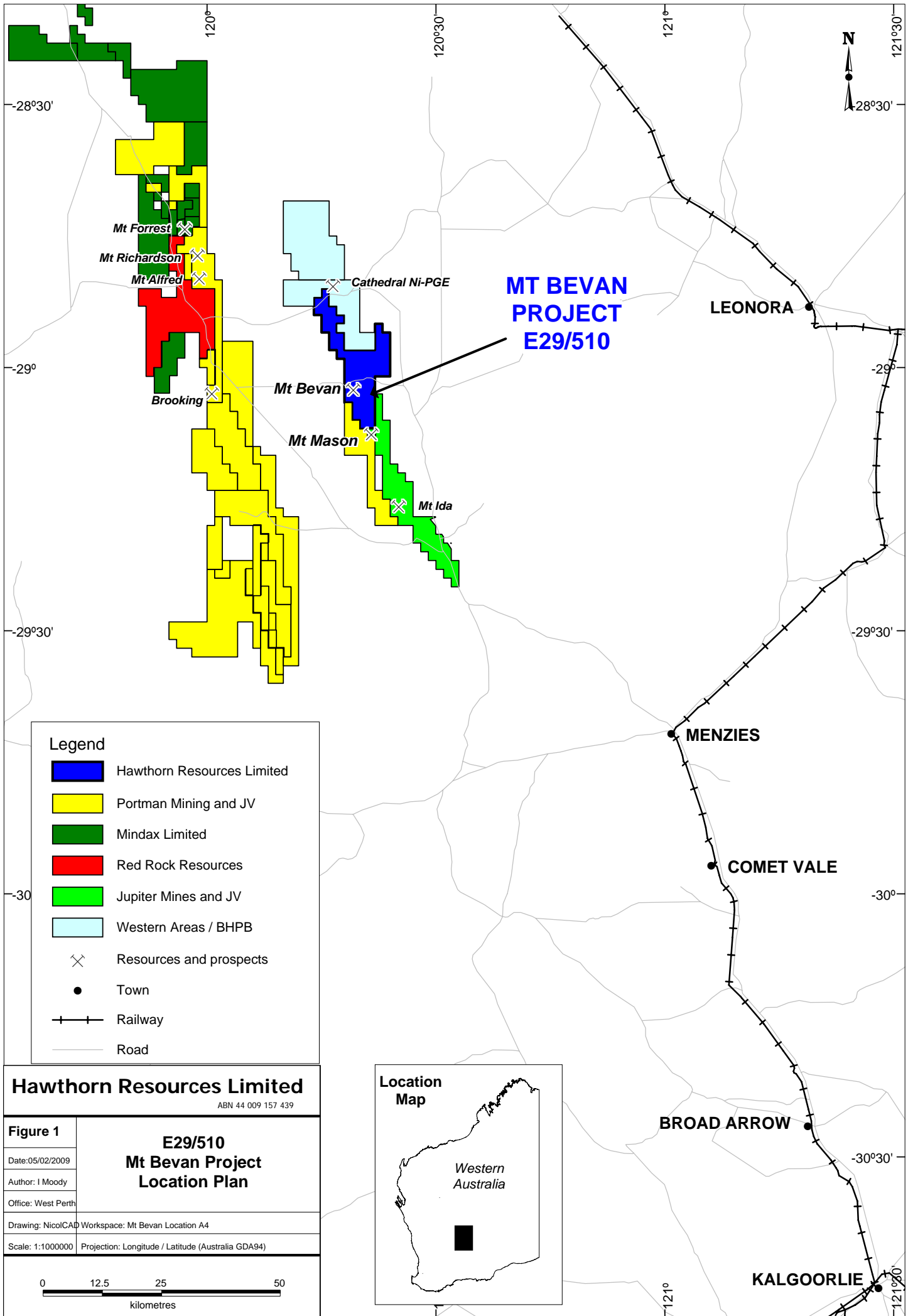
For further information please contact

Mourice Garbutt Company Secretary 03 9605 5917

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Ian Moody, who is a member of the Australasian Institute of Mining and Metallurgy and a full time consultant geologist with First Principle Mineral Exploration Company Pty Ltd. Mr Moody has sufficient experience as a geologist which is relevant to the style of mineralization and the 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 of Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Moody consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Appendix 1 Drill Hole Collar Locations in this Report

<u>Hole No</u>	<u>WGS84 E</u>	<u>WGS84 N</u>	<u>Zone</u>	<u>Azimuth</u>	<u>Dip</u>	<u>Hole Depth</u>
MNC007A	243458	6776395	51S	341	-60	120
MNC007B	243526	6776390	51S	282	-60	138
MNC073	243481	6776444	51S	282	-65	125
MNC075	243459	6776504	51S	104	-60	90
MNC076	243424	6776530	51S	250	-70	84
MNC077	243512	6776432	51S	281	-65	144
MNC078	243543	6776465	51S	285	-60	110
MNC079	243562	6776486	51S	290	-60	110
MBC901	240483	6781788	51S	278	-60	102
MBC902	240585	6781446	51S	252	-60	90
MBC903	240643	6781456	51S	252	-60	84
MBC905	242039	6778799	51S	245	-60	91
MBC906	242093	6778819	51S	245	-60	79
MBC907	242018	6778785	51S	245	-60	84
MBC908	240756	6780284	51S	271	-60	90
MBC909	240807	6780284	51S	271	-60	66
MBC910	240497	6781581	51S	238	-60	70
MBC911	240520	6781593	51S	238	-60	42
MBC912	239822	6782815	51S	250	-60	42
MBC913	239829	6783005	51S	250	-60	60
MBC914	239844	6783013	51S	0	-90	60
MBC915	239383	6784326	51S	270	-60	64



Legend

- Hawthorn Resources Limited
- Portman Mining and JV
- Mindax Limited
- Red Rock Resources
- Jupiter Mines and JV
- Western Areas / BHPB
- Resources and prospects
- Town
- Railway
- Road

Hawthorn Resources Limited
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Figure 1

**E29/510
Mt Bevan Project
Location Plan**

<small>Date: 05/02/2009</small>	
<small>Author: I Moody</small>	
<small>Office: West Perth</small>	
<small>Drawing: NicolCAD Workspace: Mt Bevan Location A4</small>	
<small>Scale: 1:1000000</small>	<small>Projection: Longitude / Latitude (Australia GDA94)</small>

0 12.5 25 50
kilometres

