



# JUPITER MINES LIMITED

ABN 51 105 991 740

Suite 2, Level 16, 19 Bligh Street, SYDNEY NSW 2000 Tel: 02 9235 2755 Fax: 02 9235 2955

tia d

4<sup>th</sup> October 2007

## The Manager

Company Announcements Office  
Australian Stock Exchange Limited  
Level 4, 20 Bridge Street  
SYDNEY NSW 2000  
Via ASX Online

Dear Sir,

### **Additional High Grade Hematite intercepted at the Mt Mason Prospect in the Central Yilgarn Iron Project (CYIP)**

Jupiter recently completed an 18 vertical drill hole program at the CYIP area, for a total of 998 meters of RC drilling. This program at (CYIP) returned high grade Hematite mineralisation at the Mt Mason prospect. The best assay result was in hole no. MMRC110 from a shallow depth of 14m from surface to 19m with an average of **64% Fe** over 5 m, see Table 1 Drill Hole Highlights.

Drill Hole locations are in Table 2, Drill Hole Summary.

Eight holes inclusive MMRC110 to MMRC117 were drilled on the northern and down dip (eastern) ends of the Mt Mason mineralisation. The purpose of these holes was to close off the hematite mineralisation previously defined. The down dip (eastern) end of the resource was closed off as anticipated.

**Holes MMRC110, MMRC111, and MMRC112 at the northern end all intersected significant Hematite mineralisation. The Mt Mason mineralisation is now still open to the north and south ends along strike.**

**nb: Hole MMRC111 was terminated in mineralisation. The hole will need to be re-entered to determine the true width of the mineralisation at depth.**

**Table 1 Drill Hole Highlights**

Hole No.	From	To	Metres	Fe	SiO2	Al2O3	P	LOI
MMRC110	5	12	7	61.7	5.4	3.0	0.050	3.05
MMRC110	14	19	5	64.3	3.4	2.7	0.041	1.62
MMRC110	29	35	6	61.0	5.2	4.6	0.076	2.65
MMRC110	40	51	11	61.5	5.2	4.1	0.067	2.43
MMRC111	12	37	25	62.0	5.3	3.5	0.030	2.19
MMRC111	49	60	11	61.3	5.7	4.1	0.038	2.17
MMRC112	2	12	10	54.6	13.1	3.3	0.038	5.06
MMRC112	19	33	14	62.0	6.0	3.1	0.043	1.92
MMRC112	37	50	13	58.2	9.3	3.7	0.052	3.50
MMRC114	4	5	1	61.9	4.2	2.1	0.033	3.86
MMRC116	0	3	3	60.4	6.4	2.4	0.038	3.70

---

## **Confirmation of Magnetite mineralization at Central Yilgarn Iron Project (CYIP) in WA.**

MMRC118 to MMRC121 tested a fresh BIF which contained significant amounts of magnetite. These holes indicated that the BIF is continuous over at least 200m and dipping moderately to the East. Samples from hole MMRC118 submitted for DTR (Davis Tube Recovery) returned encouraging results with weight recovery percentage of magnetite in the order of 24% and recovered Fe of 70%, with about 2.5% SiO<sub>2</sub>.

**Table 2 Drill Hole Summary**

<b>Hole Id</b>	<b>Depth</b>	<b>MGA N</b>	<b>MGA E</b>	<b>AHD_RL</b>	<b>Tenement</b>
MMRC110	60	6776189	243334	541	E29/495
MMRC111	60	6776201	243392	532	E29/495
MMRC112	60	6776170	243420	534	E29/495
MMRC113	60	6776089	243429	542	E29/495
MMRC114	60	6775965	243532	549	E29/495
MMRC115	60	6775915	243574	547	E29/495
MMRC116	60	6775826	243595	550	E29/495
MMRC117	60	6775987	243506	548	E29/495
MMRC118	60	6776028	243629	534	E29/495
MMRC119	75	6775963	243696	533	E29/495
MMRC120	75	6775887	243737	533	E29/495
MMRC121	69	6775933	243801	529	E29/495
MMRC122	60	6774012	245660	521	E29/560
MMRC123	30	6774045	245609	519	E29/560
MMRC124	30	6774077	245540	511	E29/560
MMRC125	33	6773527	245231	530	E29/560
MMRC126	24	6773280	245488	523	E29/560
MMRC127	52	6773393	245407	528	E29/560

**A Resource Statement is currently being prepared by an independent geological consultant. This statement is scheduled for release next week. This statement will add the new drill hole data to the present inferred resource model of Mt Mason Prospect. A drill hole location map will also be released with the Resource Statement.**

For and on behalf of the directors of Jupiter Mines Limited

Robert Benussi  
Company Secretary  
& Acting CEO

***Competent Person***

*The information in this announcement that relates to Exploration Results is based on information compiled by Mr Charles William Guy who is a Member of the Australian Institute of Geoscientists. Charles William Guy has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity that 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'. Charles William Guy consents to the inclusion in the announcement of the matters based on his information in the form and context in which it appears*