

# ASX ANNOUNCEMENT DATE: 11th May 2011

ASX Code: MDX

# **Corporate Description**

Mindax's Mt Forrest Iron Project is progressing through development with a view to moving toward mining phase.

The company is carefully putting in place necessary approvals and aligning infrastructure partners including rail and port.

Coupled with its significant iron assets, Mindax is also the greenfields discoverer of a new uranium province near Mukinbudin, Western Australia.

Through technically advanced exploration and an eye for detail, Mindax has successfully built a significant portfolio of minerals projects in Western Australia's Yilgarn Craton of about 40 tenements covering over 4600 sq km.

Mindax aims to develop strategic resources through innovative exploration. Higher yield projects will be moved to production via strategic partnerships.

# **Key Projects**

Mt Forrest DSO Iron, Magnetite
Yilgarn-Avon JV Sedimentary Uranium
Mortlock JV Copper-Gold

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# **Investors**

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# SIGNIFICANT IMPROVEMENT TO MT FORREST PROJECT MAG-HEMATITE MINERAL RESOURCE May 2011

# **HIGHLIGHTS**

- Shallow mag-hematite resource of 19 Mt @ 42.30% Fe (JORC Indicated & Inferred).
- Additional Exploration Target\*\* of maghematite mineralisation of 15 Mt to 30 Mt at an expected grade of 42% -58% Fe, excluding above resource.
- Beneficiable to DSO equivalent product on preliminary metallurgical advice.
- Largely overlying primary magnetite and within pre-strip waste.
- Low Phosphorous content.
- Access to further prospective Currawong and Bulga DSO targets by latest section 18 approval.
- Anticipated positive impact on the Mt Forrest project with earlier startup and bonus cashflow targeting mid-2013.

<sup>\*\*</sup>The nature of the exploration target means that the potential quantity and grade is conceptual in nature, that there has been insufficient exploration to define a Mineral Resource and that it is uncertain if further exploration will result in the determination of a Mineral Resource.

# Resource Modelling – Mt Forrest Mag-hematite

Continuing appraisal of the resource potential at Mt Forrest has identified the maghematite mineralisation overlying the primary magnetite resources (figure 1). This weathered material is soft and leached resulting in higher iron grades than the underlying primary magnetite resource.

Mindax Limited ("Mindax") requested that Snowden Mining Industry Consultants Pty Ltd ("Snowden") generate a Mineral Resource estimate for the oxidised iron mineralisation at the Mt Forrest Project, located 150 km northwest of the town of Menzies in Western Australia.

Snowden has estimated the Mineral Resources for the mag-hematite iron mineralisation at the Mt Forrest Project to be 11.7 Mt at 45.9% Fe (Table 2) reported above a 40% Fe cut-off grade. The Mineral Resource has been reported and classified using the guidelines of the 2004 JORC Code. Without any cut-off this is estimated to be 19.0 Mt @ 42.3% Fe (Table 1) and includes the previously reported hematite and goethite mineralisation (October 2010).

Table 1 Mag-hematite Resource at Mt Forrest as at May 2011 (Not reported above a cut-off and using SG of 2.8)

JORC	<b>KTonnes</b>	Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	P%	<b>S</b> %	LOI
Indicated	6,338	44.7	23.0	5.4	0.06	0.08	7.0
Inferred	12,723	41.1	30.3	3.6	0.04	0.05	4.5
Inf+Ind	19,061	42.3	27.9	4.2	0.05	0.06	5.4

Some inconsistencies due to rounding may occur

Preliminary metallurgical testwork undertaken with Promet Metallurgical consultants has identified additional value in unlocking lower grade mag-hematite material by beneficiation of material above a 40% Fe cut-off to a DSO equivalent product. Further testwork will be carried out in the prefeasibility study commencing later this year.

While exercising all reasonable due diligence in checking and confirming the data validity, Snowden has relied largely on the data as supplied by Mindax to estimate and classify the Mineral Resource of the Mt Forrest Project. As such, Snowden accepts responsibility for the resource modelling and classification while Mindax has assumed responsibility for the geological interpretation and the accuracy and quality of the underlying drilling data.

Table 2 Maghematite Resource at Mt Forrest as at May 2011 (40% Fe cut-off and SG of 2.8)

JORC	<b>KTonnes</b>	Fe%	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	P%	<b>S</b> %	LOI
Indicated	5,279	46.3	20.8	5.5	0.07	0.09	7.2
Inferred	6,438	45.7	22.9	5.4	0.06	0.07	5.9
Inf+Ind	11,717	45.9	21.9	5.4	0.06	0.08	6.5

Some inconsistencies due to rounding may occur

The significance of this Mag-hematite material is that in many cases it would need to be removed from above primary magnetite ore during pre-stripping. It also has a particularly **low phosphorus content**, a characteristic noted earlier in the exploration process. **It** 



# provides the opportunity for earlier production and a bonus early cashflow for the project as a whole.

The potential for further exploration for this material type remains high. The Company has now received Ministerial Consent for access for exploration purposes to the remaining area of iron prospectivity which will allow testing of DSO targets at Currawong and Bulga which have been largely inaccessible since drilling commenced sixteen months ago.

# Competent Persons

Michael Andrew is a member of the Australasian Institute of Mining and Metallurgy (MAusIMM) and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity to 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". Michael Andrew is a full-time employee of Snowden Mining Industry Consultants Pty Ltd, and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

# **Exploration Target**

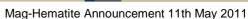
The Exploration Target has been revised with input from previous resource modelling and incorporating detailed surface mapping and surface sampling. The exploration target described below is exclusive of the mineral resources quoted above at Tables 1 and 2. The nature of the exploration target means that the potential quantity and grade is conceptual in nature, that there has been insufficient exploration to define a Mineral Resource and that it is uncertain if further exploration will result in the determination of a Mineral Resource.

# Enriched Hematite-Goethite and Mag-hematite - Fe Mineralisation

Based on surface mapped area projected 50m below surface, the mapping suggests an exploration target of 15 Mt to 30 Mt of hematite-goethite-Mag-hematite mineralisation at an expected grade ranging between of 42% -58% Fe.

The following factors were taken into account:

- Density estimates were based on the average for oxidised drill core specimens at  $2.8 \text{ t/m}^3$ .
- There is extensive mapped outcrop and sub-crop of hematite-goethite mineralisation but the mapped boundaries may not accurately reflect sub-surface definition. A more accurate view of the relationship between mapping and drilling data is expected as the drilling program progresses. Samples taken from mapped hematite-goethite outcrops average around 54.9% Fe and 13.6% SiO<sub>2</sub>. Approximately 18% of these samples fall below a 50% cutoff, and the mean Fe above that cut off would be about 58%.



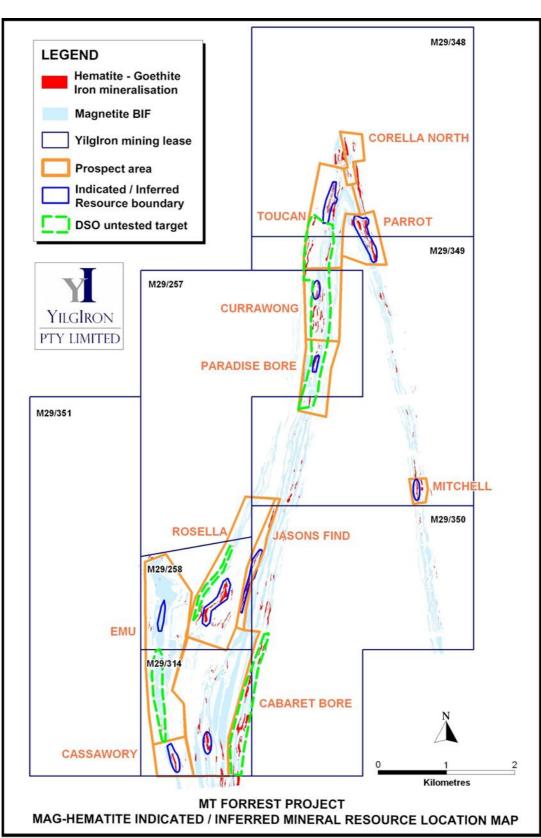


Figure 1 Mt Forrest Oxidised Iron mineralisation location map



Drilling to further test this resource and metallurgical scoping will commence early in the new financial year.

Mindax is targeting commencement of production at the project as early as mid 2013.

Yours sincerely

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The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Mr Gregory John Bromley who is a member of the Australasian Institute of Mining and Metallurgy, with more than 5 years experience in the field of activity being reported on.

Mr Greg Bromley is a full-time employee of the Company and has sufficient experience which is relevant to the style of mineralisation and type of deposit 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". Mr Bromley consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



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