

**28 AUGUST 2012**

## Fast Facts

## Capital Structure

Shares on issue 42.6M  
Options 27.3M  
ASX Code NXR

## Directors & Management

### Reg Gillard

Chairman

### Peter Turner

Managing Director

### Patrick Flint

Non-Exec Director

### Paul Jurman

Company Secretary

## West African Project Highlights

- Significant DSO iron mineralisation
- Good infrastructure, close to ports
- Target: DSO resource and project development

## Australian Project Highlights

- Woodley DSO Iron Project
- Classic BIF project with surface alteration

## Contacts

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## Further high-grade drilling results from Madina Prospect, Télimélé Project, West Guinea

Perth-based iron ore explorer Nemex Resources Limited (ASX: NXR) is pleased to report drill results from a further 14 drill holes at the Madina Prospect, part of the Company's Télimélé Licence in Guinea, West Africa.

### HIGHLIGHTS

- Results include;
  - **3.5m @ 50.6% Fe (56.5% Ca Fe)** from 2.5m (MARC028);
  - **1.5m @ 50.4% Fe (56.9% Ca Fe)** from 4.0m (MARC038);

### GENERAL TÉLIMÉLÉ PROJECT HIGHLIGHTS

- Infill drilling for maiden resource estimation 50% complete
- Infill drilling results from Boulere available from mid-September 2012
- Resource estimation on track for completion by December 2012
- Metallurgical sampling to commence in September

The results of the remaining 14 holes from the Madina Prospect (**Figures 1 & 2**) (MARC027 – 040), Télimélé Licence are shown in **Table 1** and summarised on **Figure 3**. Previous results from Madina were announced on July 9, 2012 and include **2.5m @ 50.5% Fe (58.1% Ca Fe)** from 4.0m (MARC026).

**“These results demonstrate exploratory drilling at the Télimélé Licence continues to be successful in discovering high-grade Ironstone. The three prospects drilled to date (Boulere, Boulere North & Madina) represent a small proportion of the prospects we intend to drill,”** Nemex's Managing Director Peter Turner said.

**“We are hopeful that we will continue to discover further high-grade iron mineralisation.”**

**“Our strategy of focussing now on resource and metallurgical test work over the Boulere Prospect, where high-grade iron mineralisation has been found consistently over a large area, will help us concentrate on determining a mining project over one small part of the project. The project is in an excellent position to be developed with rail and port nearby.”**

Nemex is working towards the completion of the resource estimation by the end of 2012 and the metallurgical test work results by Q1 2013.

Once resource drilling is complete at Boulere, the drill rig will begin drilling new targets across the licence holding shown on **Figure 4**, where high-grade ironstone has been mapped and sampled (see press release on August 17, 2011).





Figure 1. Regional location of Nemex's Coastal Iron Project (red outlines), including the Téliélé licence area and new exploration licence applications (yellow outlines) in western Guinea.



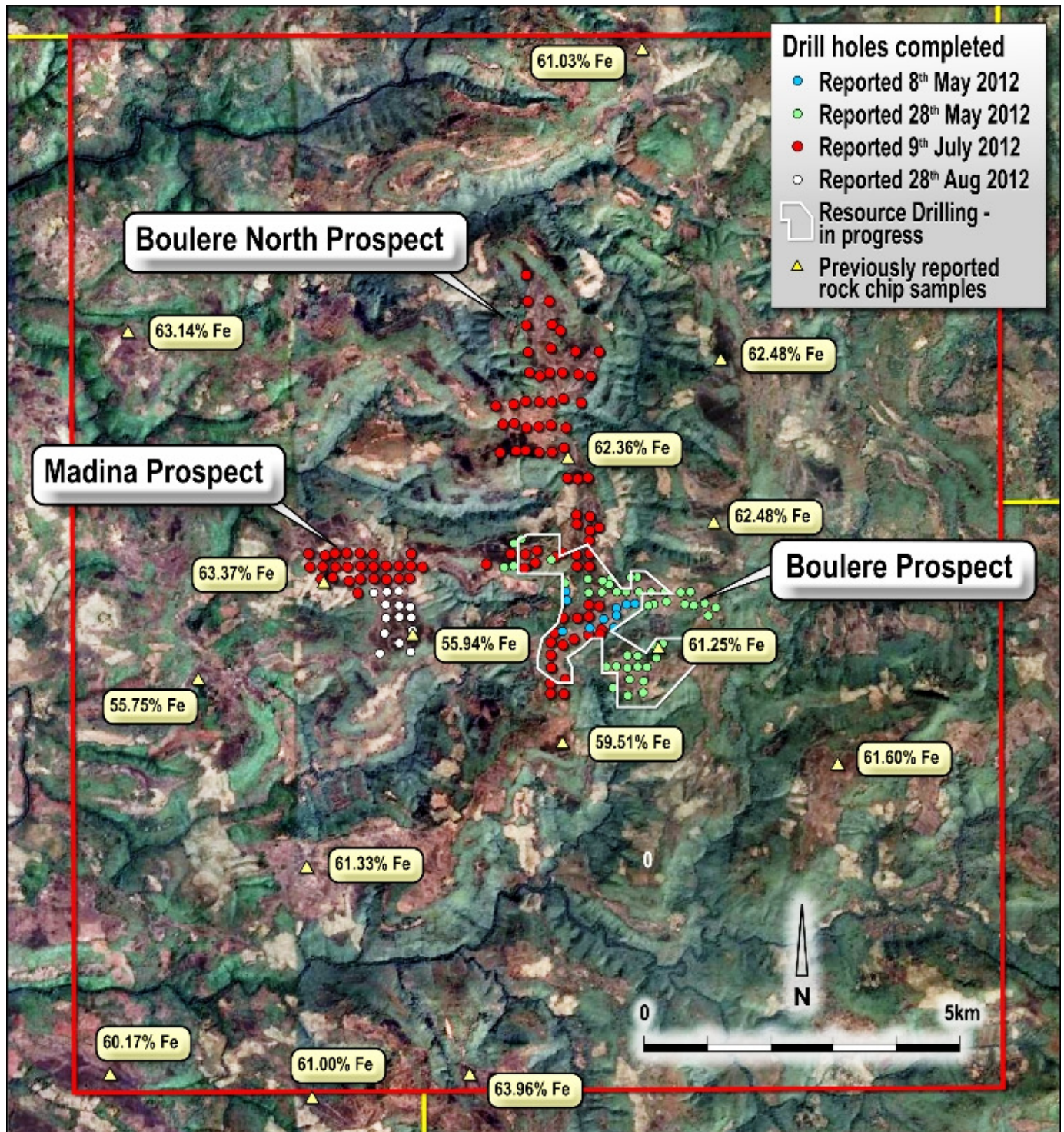


Figure 2. Google Earth image (background) showing completed drill holes at the three prospects of Boulere, Boulere North and Madina at the T lim l  Licence (red outline). Blue squares are ironstone rock chip samples with iron results (previously announced on the 17 August 2011) showing the wide distribution of the T lim l  ironstone unit and current resource drilling area.



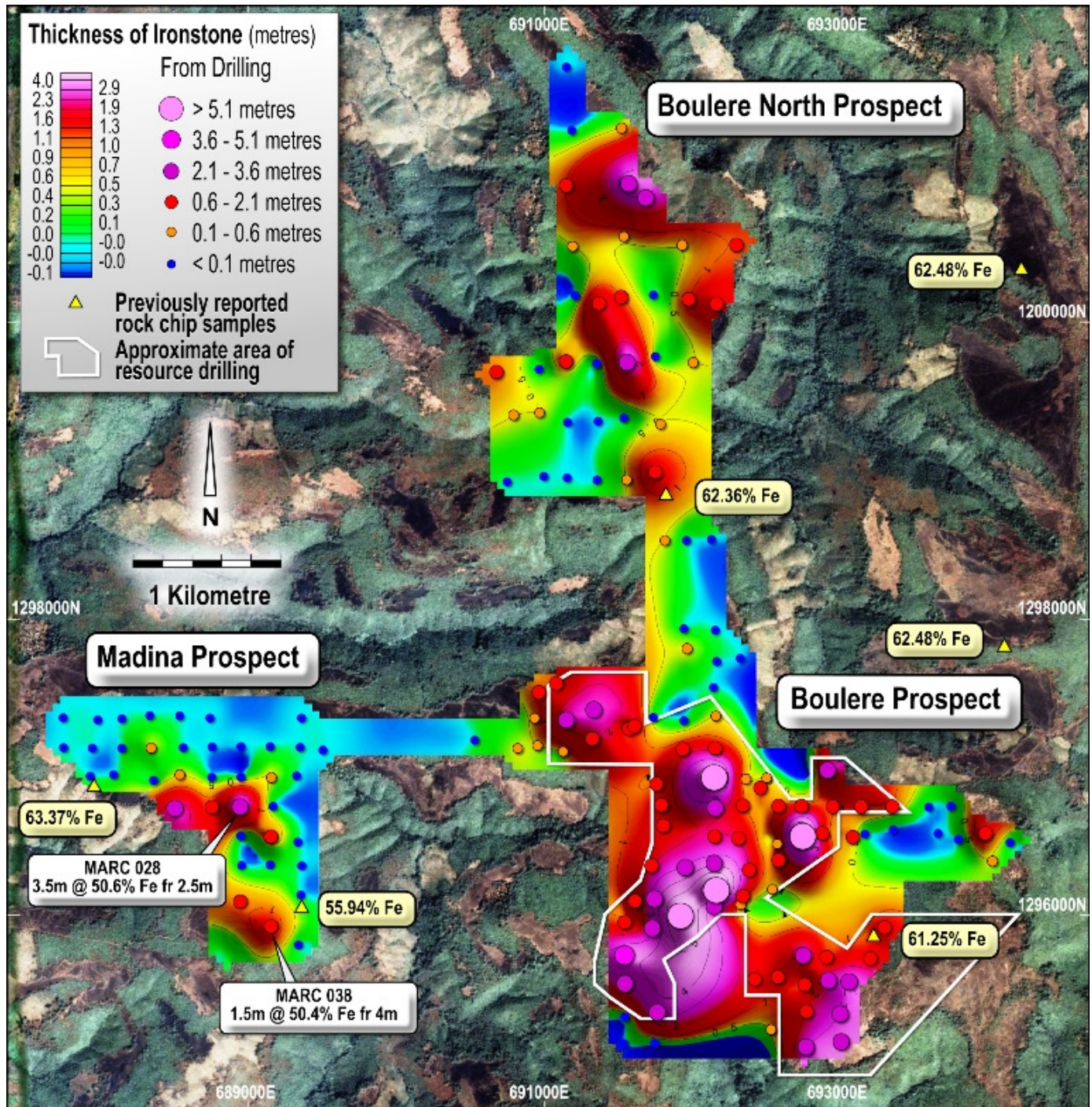


Figure 3. Summary of selected drill results (current reporting only) at the Madina Prospect, superimposed on an image contoured to the thickness of high-grade T lim   Ironstone (background image is from Google Earth). The white polygon surrounding thicker ironstone is the focus of on-going resource drilling at the Boulere Prospect. Refer to releases dated May 8, May 28 & July 9, 2012 for more information.



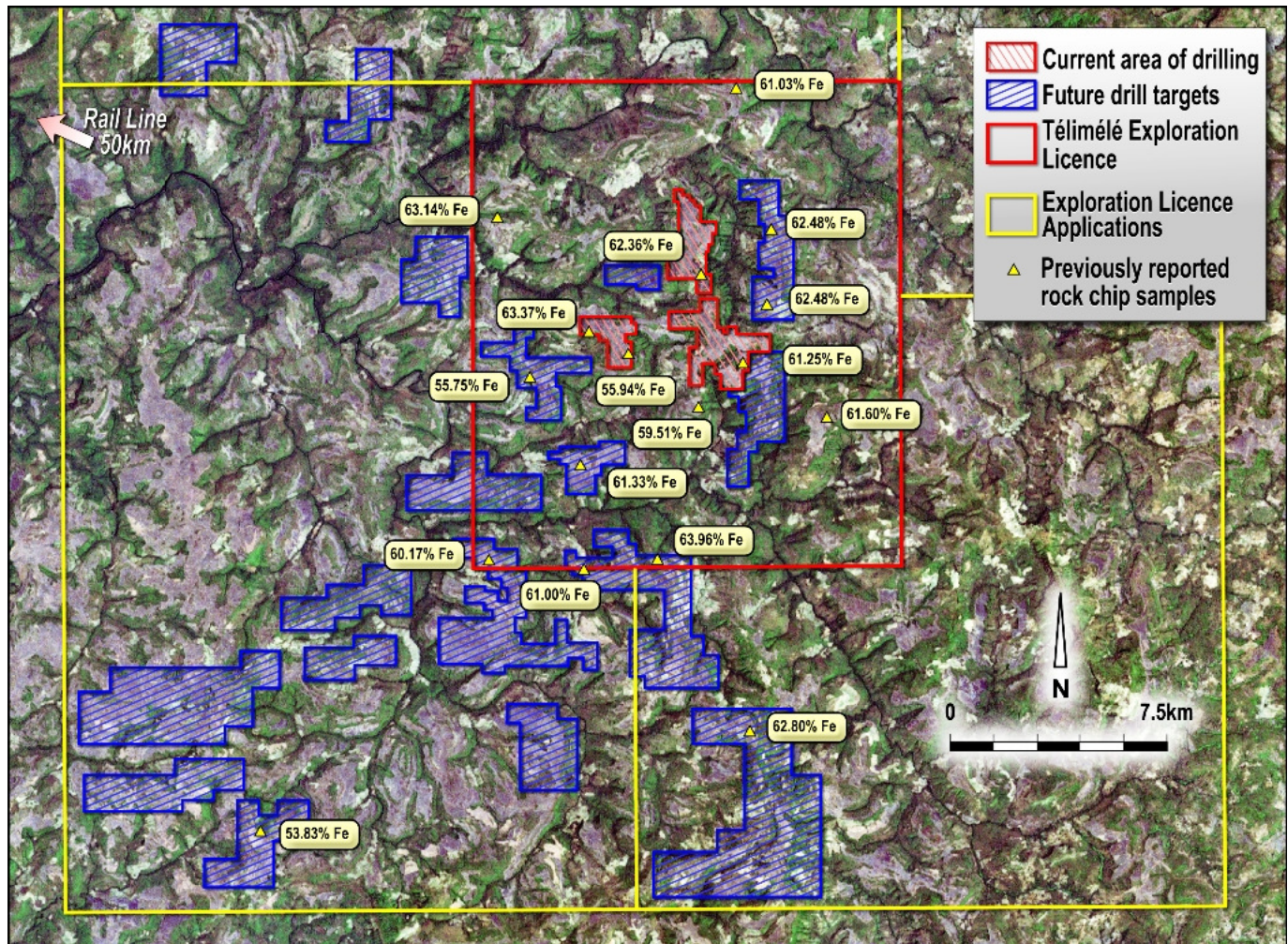


Figure 4. Téliimélé Licence area (red outline) showing the position of drilled prospects (red polygons) and future drill targets (blue polygons) where coincident aeromagnetic anomalies occur with Téliimélé Ironstone rock chip samples (yellow triangles with Fe% values). The background image is a Landsat image (bands 321-RGB).

Detailed information about Nemex's projects is available at [www.nemexres.com.au](http://www.nemexres.com.au)

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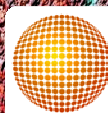
## **About Nemex Resources**

Nemex Resources is an iron ore-focused explorer with direct shipping ore (DSO) iron projects in Guinea, West Africa and the Mid-West of Western Australia. Nemex is earning an 85% interest in the Coastal Iron Project in Guinea, West Africa where an extensive ironstone formation has been discovered over a large area and is linked to ports via a multi-user rail line.

In Western Australia, Nemex has signed an agreement with ASX-listed Golden West Resources Limited ('GWR') whereby GWR can earn up to an 85% interest in Nemex's Woodley Iron Project.

## **Competent Person's Statement**

The information contained in this release which relates to Exploration Results is based on information compiled by Dr Peter Turner, a Member of the Australian Institute of Geosciences (AIG). Dr Turner is the Managing Director and a full-time member of Nemex Resources Limited. Dr Turner has sufficient experience which is relevant to the style of mineralization 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'. Dr Turner consents to the inclusion in the press release of the matters based on his information in the form and context in which it appears.



Hole	From	To	Interval m	Fe %	Ca Fe %	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	P %	S %	TiO <sub>2</sub> %	LOI %
MARC027	3.5	4.5	1.0	49.0	55.9	1.3	12.4	0.47	0.03	1.5	12.4
*MARC028	2.5	6.0	3.5	50.6	56.5	2.0	12.8	0.24	0.03	1.5	10.5
MARC029	NSI										
MARC030	NSI										
*MARC031	1.0	2.0	1.0	48.8	55.4	2.0	15.2	0.19	0.06	0.94	11.8
MARC032	NSI										
MARC033	NSI										
MARC034	NSI										
MARC035	NSI										
MARC036	NSI										
MARC037	NSI										
MARC038	4.0	5.5	1.5	50.4	56.9	1.0	12.9	0.31	0.03	1.1	11.4
MARC039	6.0	7.0	1.0	48.8	55.9	1.6	12.3	0.39	0.03	1.0	12.8
MARC040	NSI										

**Table 1. Drill intercepts from holes MARC027 – 040 (Madina Prospect) from the Télimélé License.**



#### **Notes**

- 1) The drilling type is reverse circulation (RC) and all drill samples are collected from the cyclone in 0.5m down-hole intervals
- 2) All drill samples are logged and analysed on-site using a Niton XL3t hand-held x-ray fluorescence (XRF) spectrometer to determine approximate iron values. Samples that contain greater than 25% Fe are split using a riffle splitter before being sent to SGS's Laboratory in Monrovia, Liberia for independent XRF analyses. Therefore, not all sample intervals are assayed.
- 3) All Nemex samples submitted to the SGS laboratory include international standards and duplicate samples inserted in sequence into each sample batch by Nemex at a frequency of not less than 1 per 20 samples (5%) to ensure that the laboratory delivers sample results that are both accurate and precise before sample results are released to the public.
- 4) All drill intercepts quoted in Table 1 are generally constrained to geology, in particular the presence of magnetic, black/brown ironstone, and their iron values (generally >47% Fe). All drill results generally show a lower grade iron halo of between 2 to 11m in each hole.
- 5) \* denotes that the sample is a composite sample derived from the combination of a number of consecutive metre intervals of similar geology.
- 6) Ca Fe is calcined Fe and is calculated by Nemex using the formula,  $\text{Ca Fe} = \text{Fe\%} / ((100 - \text{LOI}) / 100)$  where LOI is 'loss on ignition' in %.
- 7) NSI – means that no significant intercepts were reported, i.e., no intervals where Fe grades were above 47% Fe and no ironstone was recorded