emergent resources limited

exploring for iron, base and precious metals

ASX - EMG

www.emergentresources.com.au

Investor Presentation
November 2009

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- JORC-Exploration Targets; this presentation comments on and discusses EMG's exploration in terms of target size and type. The information relating to EMG's exploration targets should not be misunderstood or misconstrued as an estimate of Mineral Resources or Ore Reserves. Hence the terms Resources and Reserves have not been used in this context. The potential quantity and grade is conceptual in nature, since there has been insufficient work completed to define them beyond exploration targets and that it is uncertain if further exploration will result in the determination of a mineral resource.

EMG CAPITAL STRUCTURE

- Fully Paid Shares

Directors and Managers	6,100,001	12 %
Vendor Exploration Properties	7,500,000	15%
Public	35,746,500	73%
	50,087,401	100%

- Total Option Issue – 22,951,001
  exercisable at 20 cents per option before 30 Sept 2010

- Directors and Managers; option holding 5,900,000 listed options
- Unlisted options 3,700,000

- Market Capitalisation $40m ($60m fully diluted)
- Trade 85 cents
- Top 20 60% of issued capital

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EMG trading history

Directors - EMERGENT RESOURCES LIMITED

George McMaster, Chairman

40+ years experience in Australian and international corporate governence, commercial feasibility, finance, mining and hospitality related industries, including several listed public company directorships; Condor Minerals and Energy Ltd, Terrex Resources NL, Takoradi Gold NL, Great Eastern Mines Ltd.

Garry Hemming, Managing Director

Executive Director of listed ASX and AIM companies for over 20 years
Exploration Geologist and Manager for over 30 years.

Discovered new deposits; Copper in South Australia, Gold in Western Australia (Yilgarn Star, Orion/Sapphire at Kookynie, Geko at Bullabulling), Gold in Queensland at Rishton-Hadleigh Castle, Diamond, heavy minerals, and tantalite in Namibia, Platinum and sulphide nickel at Acoje in the Philippines.

Kevin Judge, Non Executive Director

Former President of the West Australian division of CPA Australia, former Chairman of the Disciplinary Committee of the West Australian division of CPA Australia, former Member of Regional Liaison Sub Committee (Insolvency) conducted by Australian Securities & Investments Commission (ASIC), former Chairman of the West Australian division of Chartered Secretaries Australia and former Member of the Australian Board of Chartered Secretaries Australia. Former Chairman and Director of companies listed on the Australian Stock Exchange.

Denis O'Meara Project Vendor

JP, AsMAusIMM, Mining Registrar Marble Bar, and Mines and Crown Law Department.
Board Member, AGIC (Australian Gold Industry Council) for over 10 years
Port Hedland Port Authority 1973-1985 (Aust Largest Tonnage Port Iron Ore)
Kings Park Botanical Gardens 1994- 1996, AMEC Prospector of the Year 2004, Australia Day Medal.
Eight other ASX listings have been supported by D O'Meara.

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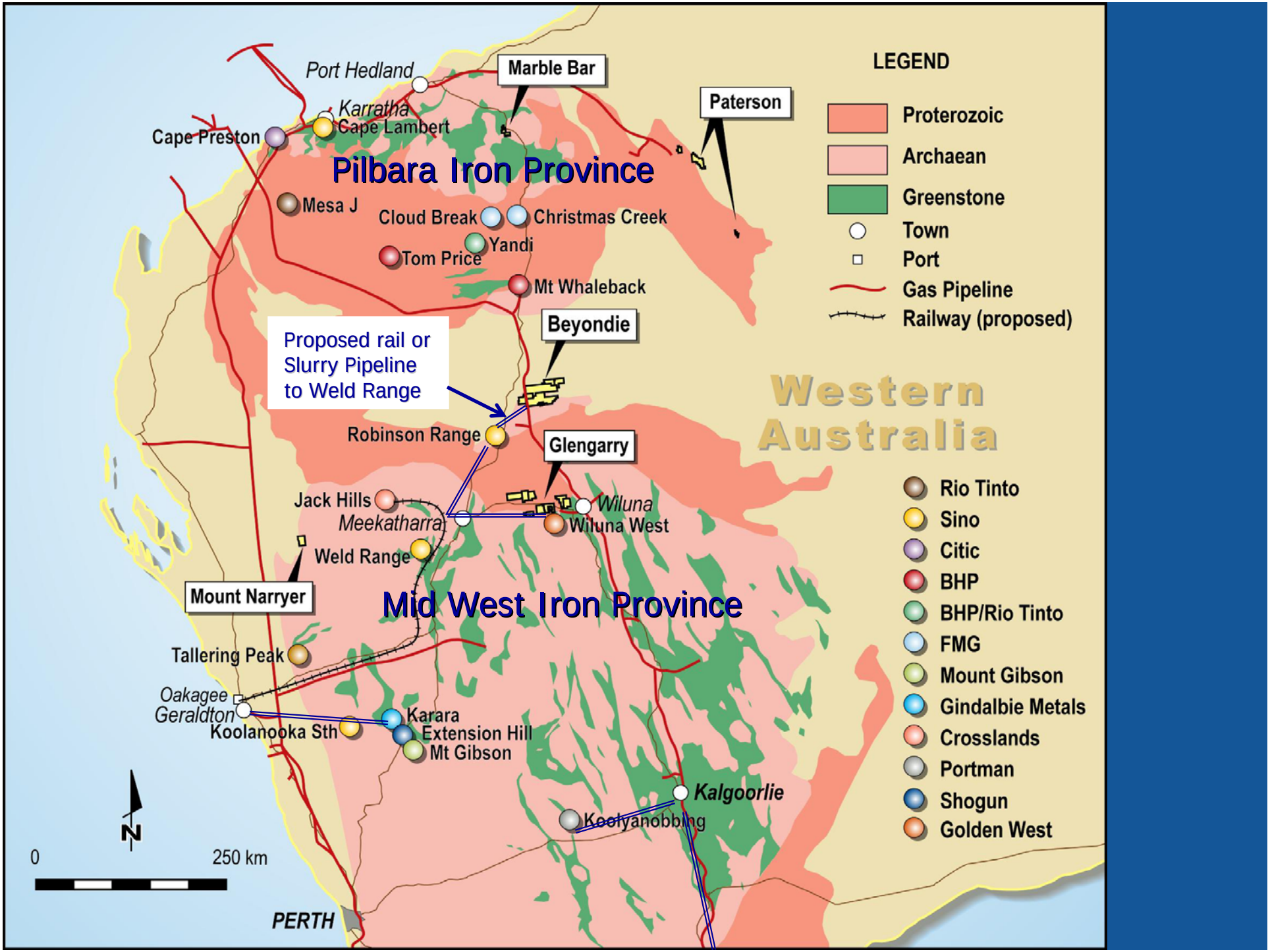
Western Australia Project Location

Beyondie Magnetite Project and Base Metal Projects


Port Hedland
Marble Bar
Karratha
Cape Lambert
Cape Preston
Paterson
Pilbara Iron Province
Mesa J
Cloud Break
Christmas Creek
Yandi
Tom Price
Mt Whaleback
Beyondie
Proposed rail or
Slurry Pipeline
to Weld Range
Robinson Range
Glengarry
Western
Australia
Jack Hills
Meekatharra
Wiluna
Wiluna West
Weld Range
Mount Narryer
Mid West Iron Province
Tallering Peak
Oakagee
Geraldton
Koolanooka Sth
Karara
Extension Hill
Mt Gibson
Kalgoorlie
Koolyanobbing
PERTH
N
0
250 km
LEGEND
Proterozoic
Archaean
Greenstone
Town
Port
Gas Pipeline
Railway (proposed)
Rio Tinto
Sino
Citic
BHP
BHP/Rio Tinto
FMG
Mount Gibson
Gindalbie Metals
Crosslands
Portman
Shogun
Golden West

EMG Company Assets

- **1. Iron (magnetite) Project at Beyondie**
  - Large licences; 1700 square kilometres
  - Wide multiple magnetite bearing banded-iron-formation +100 m wide
  - Important infrastructure in Mid-West & Pilbara Iron Province
  - a large world class resource of high grade magnetite.
- **2. Base Metal Projects - 2000 sq km (see Part 2)**
  - 2. Mt Bartle Base Metal/gold (Glengarry), drill targets defined
  - 3. North Pool Base Metal/gold (Glengarry), undrilled base metal gossans
  - 4. Gold/copper/uranium Mt Narryer, (Radiometric anomalies and gold prospectivity)
  - 5. Diamond Well lead/zinc (1% Pb and 1% Zn at surface)
- **3. Other Base Metal Projects - 500 sq km (see Part 2)**
  - Rainbow Bore, Clarrie Well, Fenceline
  - Uranium potential of Kintyre style mineralisation,
  - Rudall River uranium-copper-gold targets
  - Marble Bar Archaean gold copper shear targets

China Metallurgical Investment Co Ltd (CMIC)

- CMIC/EMG to enter into a A$200m 50/50 Development JV for the Beyondie Project (Subject to FIRB Approval)
- Subscribed for 15% of EMG ($5M) subject to S/H Approval
- Completed Due Diligence
- Use reasonable endeavours to complete JV documentation and loan documentation prior to 15 December 2009
- Agreed to provide a loan of $100m to EMG
- CMIC to invest $100m equity into the JV
- Above is subject to regulatory, shareholder and PRC National Development & Reform Commission

Infrastructure

- 'Oakajee Port' proposed deep water port to be built in the Mid West (Western Australia), about 25 km north of Geraldton, to service the region's growing iron ore industry. Approval for the construction and operation of the port and rail facility was announced on 29 July 2008 with the contract being awarded to Oakajee Port & Rail Pty Ltd, a joint venture between Murchison Metals and Mitsubishi Corporation
- Port, Rail Cost A$3.5 Billion. Govt extra $700m.
- Construction is expected to commence in late 2010 with completion by 2012. The port will have the capacity to ship 35 million metric tons of iron ore annually increasing rapidly to 100mtpa.
- Lobbying in favour of the project has been from a partnership known as Geraldton Iron Ore Alliance which includes miners Mount Gibson Iron, Midwest Corporation (ASX:MIS), Murchison Metals Ltd (ASX:MMX), Gindalbie Metals (ASX:GBG), Golden West Resources, Royal Resources Ltd, Asia Iron Holdings Ltd and Atlas Iron Ltd.
- Possibility of Beyondie-Mt Weld Slurry Pipeline to fast track production escalation.
- Then rail to 'Oakajee deep water port.
- Possible trading water to Mid West mines to reduce CapEx and OpEx
- Potential saving of a 30% on both CapEx and OpEx.

EMG Highlights

- **Magnetite project developments**
  - In E52/1806
- Current JORC Resources 560,000,000 tonnes Inferred Resource
- Plus Exploration Result of 480 to 510,000,000 tonnes
  - In E52/2215 etc
- 3.7 to 4.2 billion tonnes Exploration target
  - 3nd phase drilling of Beyondie Magnetite Deposit completed.
  - Established +60 kilometres length of tenements.
  - Multiple magnetite zones with widths of up to 200 metres.
  - Grade averages +27%Fe (+40% magnetite)
  - Grain size characteristics indicate favourable metallurgy and recovery
  - Very low impurities
  - Progressing engineering studies.

EMG Highlights

- **Magnetite project developments**
  - Mining and processing is standard for Western Australia.
  - Very low strip ratio expected.
  - Adjacent Gold Fields Gas Pipeline for local access to power.
  - Great Northern Highway traverse EMG's ground, for transport.
  - Marymia Borefield for water supply, located 5km to south
  - Mid-West Region to the south; Robinson Range, Murchison/Jack Hills, Weld Range, Gindalbie, Mid-West Corp, Mt Gibson
  - Proceeding to co-operation alliance with OPR/Oakajee.

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Beyondie Iron Project - Development Program

- 1. Drilling to establish initial 1bt resource over 14km alone
  - Engineering studies progressing
    - including scoping study, grade determinations, metallurgy, and transport options
- 2. Develop production to 2-3mt per annum
- By beneficiation and trucking to nearby rail systems
- 3. Develop to 8mtpa then up to 32mt per annum as market allows
- By beneficiation and rail to port
  - Note; Step 2 above may be by passed

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Ship 1.7 tonne 30 -60%Fe Hematite ore

1 tonne contained Fe

Pelletising

+

Smelting

0.6 tonnes Coking coal $100-300/t

=

1 tonne Iron/steel

3.3 tonne Magnetite ore

1 tonne contained Fe

Crush, grind, mag separate

Exothermic magnetite

Ship 1.4 tonnes +68% Magnetite Concentrate

1 tonne contained Fe

Pelletising

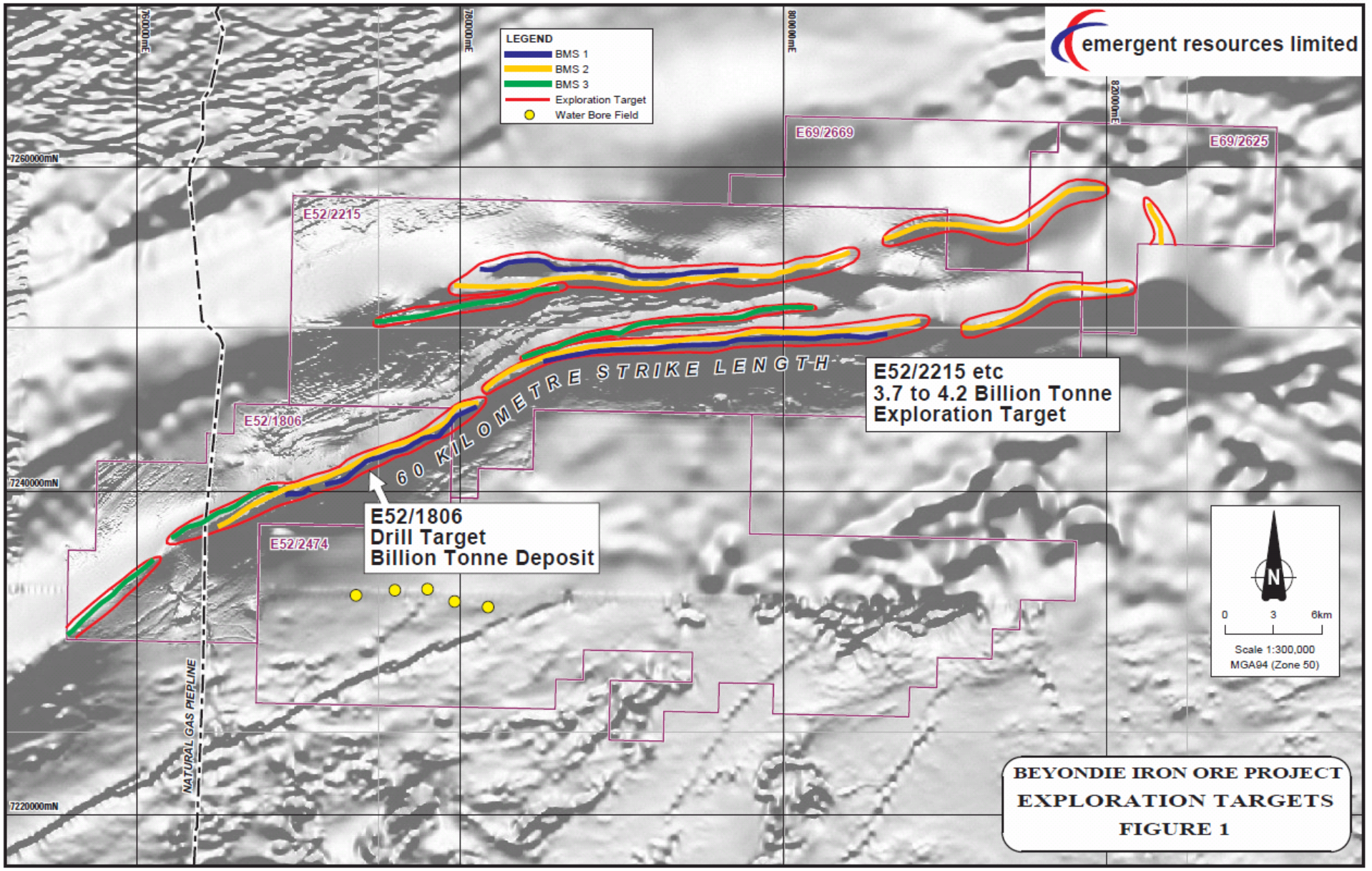
+

Smelting

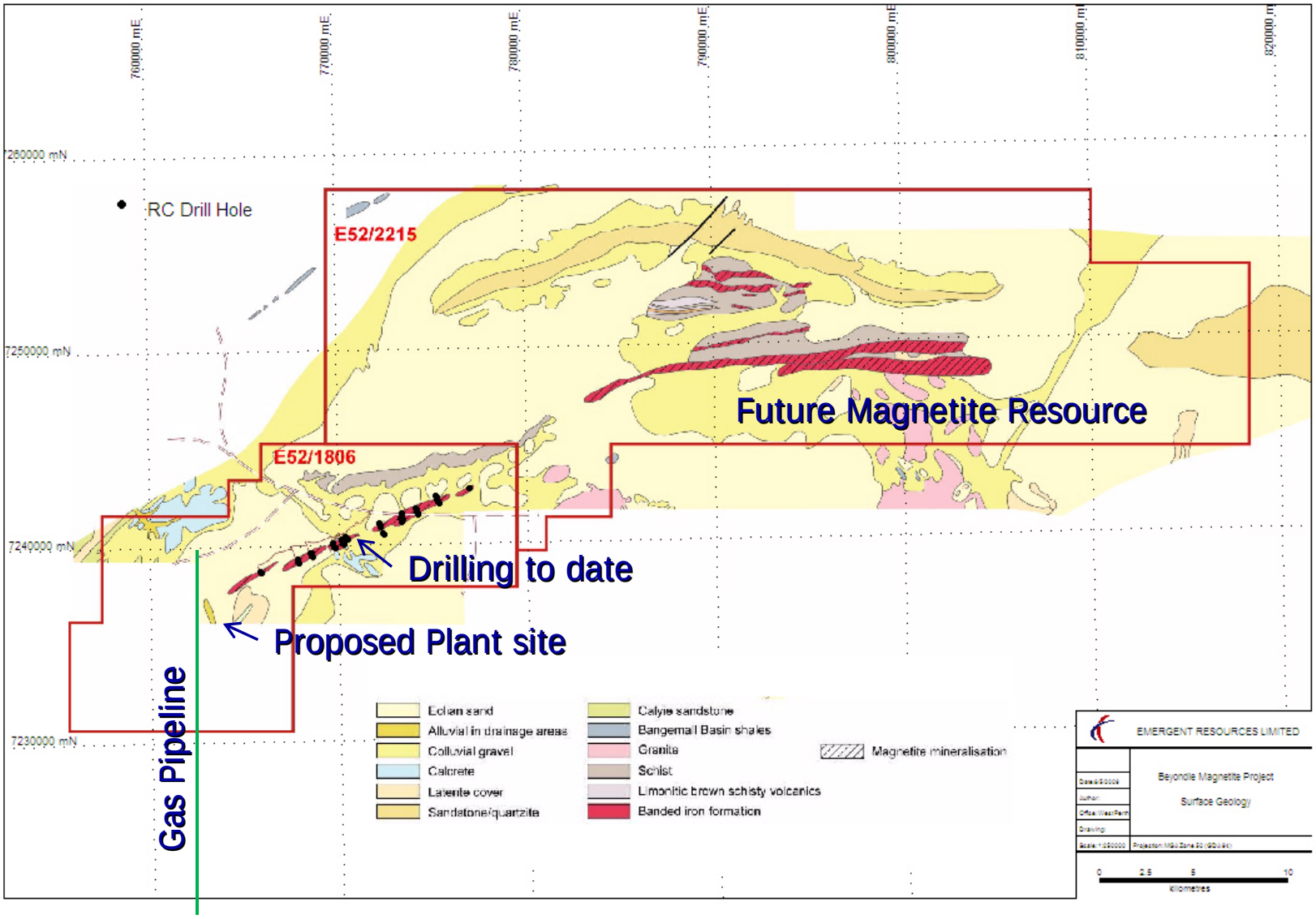
0.6 tonnes Steaming coal A$50-60/t

=

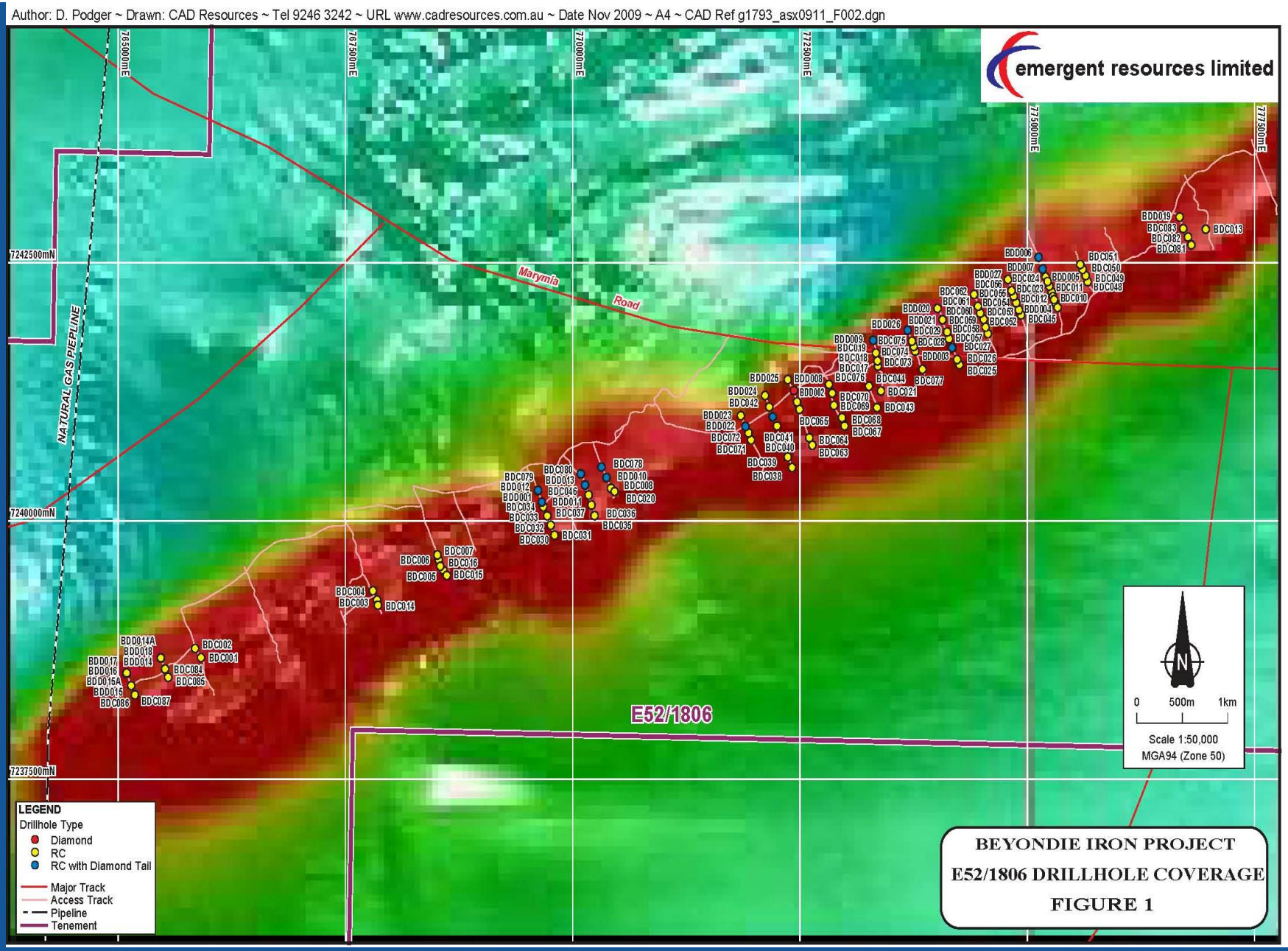
1 tonne Iron/steel



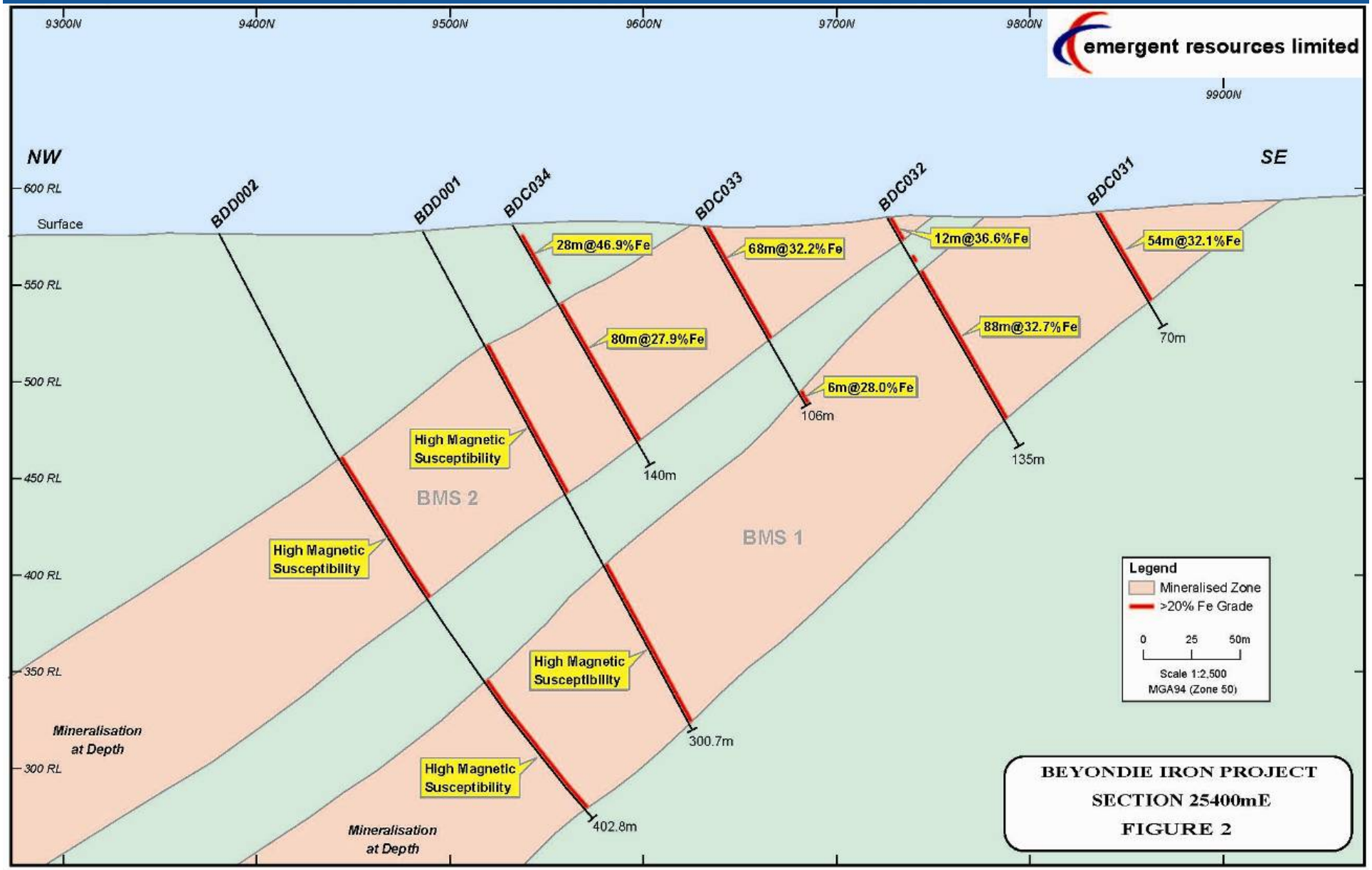
Extensive (60km strike) Beyondie Magnetite Schist shown in yellow



Western 1806 segment drillling area and future resources to the east



E52/1806 drilled area and detailed magnetics



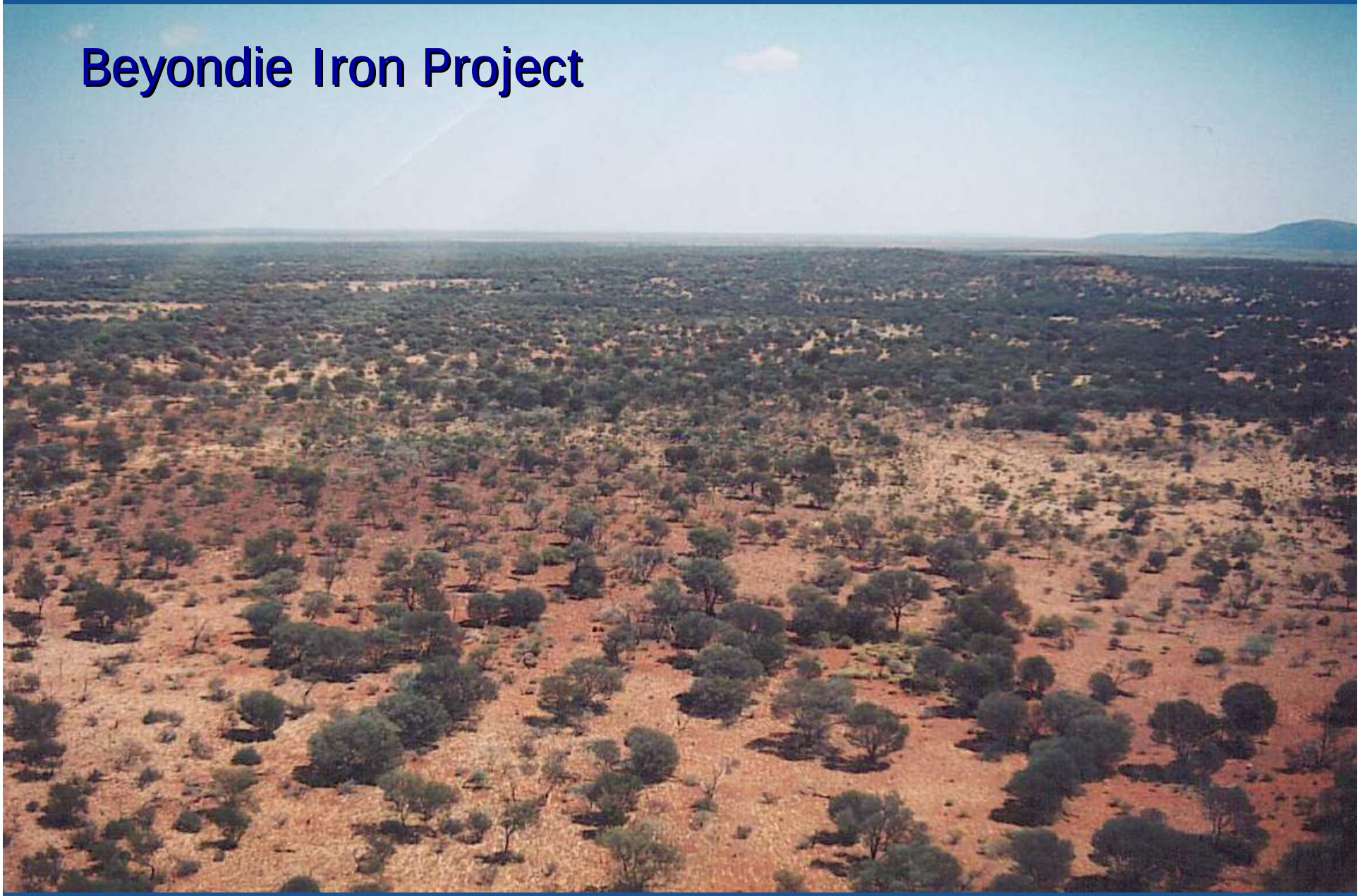
Deepest drill hole on section 25400mE

Beyondie Drilling Results

Hole No	From m	To m	Width m	Fe%	P%	S%	Al2O3 %
BDC066	60	199	**139**	**27.65**	0.07	0.01	4.01
BDC065	0	135	**135**	**27.63**	0.04	0.01	4.5
BDC072	38	151	**113**	**27.55**	0.02	0.01	4.21
BDC070	0	109	**109**	**26.9**	0.01	0.01	5.41
BDC075	40	149	**109**	**27.81**	0.03	0.01	4.15
BDC074	20	109	**89**	**26.99**	0.03	0.02	4.86
BDC061	72	159	**87**	**27.85**	0.07	0.01	4.09

Important; Concentrate grade;
68% Fe, <4%SiO_2, <0.6%AlO_3, <0.1%TiO_2, 0.005%P, 0.002%S

Beyondie Iron Project



Flat featureless plain with magnite bearing BIF's outcrop


2008 12 16

History of Emergent Resources

June 2007	George McMaster, Brian Smith, Garry Hemming founders,
August 2007	Denis O'Meara vendor of base metal/ uranium projects,
February 2008	Beyondie Joint Venture with De Grey Mining,
August 4 2008	Listing on ASX, $4m @20cents
December 2008	OP&R rail and Oakajee port feasibility advancement,
February 2009	1st Phase drilling and definition of wide magnetite schist,
March 2009	McSweeney Partners and ProMet desktop studies,
April 2009	China trips to locate suitable 'one stop shop" partner philosophy,
May 2009	Locate important China agent to assess through potential partners,
May 2009	2nd Phase drilling
June 2009	CMIC negotiations
July 3 2009	Agreement with CMIC,
July 3	Share placement for $2.52m
July 14 2009	Maiden JORC Resource, 127mt plus 500-600 target
August 18 2009	Dan Podger (ex Gindalbie) joins,,
August /September 2009	3rd Phase drilling
September 17	New tenements at Beyondie
October 6	De Grey agreement purchase 20%,
October 15	CMIC due diligence and field inspection complete
October 28 2009	Binding Agreement with CMIC,
November 19 2009	Exploration Target outside drill area of E52/1806
November	Resource upgrade for E52/1806 imminent

The Iron Ore Industry

World annual iron production- one billion tons of ore

- The primary ore is banded iron formation (BIF)
- Hematite is the main ore type
- -Brazil and Pilbara (WA), hematite also known as “DSO -direct shipping”.

Contains magnetite (Fe_3O_4), hematite (Fe_2O_3), goethite, limonite or siderite. Impurities increase with lowering grade.

- Magnetite is “exothermic” that is it gives off heat during smelating and does not require coking coal to smelt.
- Magnetite mines are located in BIF in;

North America; Michigan/Minnesota, Labrador, Ontario iron provinces,

Western Australia; Pilbara, Murchison/Mid-West iron provinces,

Brazil; Quadrilatero Ferifero iron province.

Impurities:

- Phosphorus, sulphur silica alumina, sodium, and potassium reduce the value of product shipped to the customer;
- Impurities disrupt production.
- With magnetic separation, magnetite concentrate has lowest level of impurities.

The Iron Ore Industry

- **Main Iron Bearing Minerals:**

- **1. <u>Magnetite (Direct Reduction (DR))</u>**
  - Very high grade (up to 72.4% Fe, typical grade shipped is +68% Fe)
    - 72.4% Fe to Fe2O3 x 1.43 = 100% Fe as magnetite.
  - Processing magnetite concentrate - grinding and magnetic separation,
  - simple and highly effective method for removal of all unwanted impurities.
  - The fact that magnetite does not require coking coal will mean an increasing proportion of steel will be made by DR due to shortages of coking coal.

- **2. <u>Hematite (Direct shipping ore)</u>**
  - lump or fines product 57 to 63% Fe,
  - Hematite (lump and fines) main type exported by Brazil and Australia.
  - Hematite lump and fines simple and cheap as ore excavated only requires crushing and classification by sieving.
  - Hematite lump can be fed into a blast furnace without any further processing at the steel mill. However requires 0.6 tonnes of coking coal for each tonne of steel.

- **3. <u>Limonite</u>**
  - Typically found in Channel Iron Deposits
  - grade of limonite pisolite product shipped 55- 59% Fe.

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- *The information in this presentation that relates to Mineral Resources and Exploration Results is based on information compiled by Sharron Sylvester who is a full-time employee of AMC Consultants Pty Ltd and a Member of the Australian Institute of Geoscientists and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined in the JORC Code (2004). Sharron Sylvester consents to the inclusion of this information in the form and context in which it appears.*

- *Other technical information in this Presentation has been prepared under the supervision of Mr Jonathon King, a director of Weston Consultancy Group Pty Ltd, and a member of the Australian Institute of Geoscientists (AIG). Mr King has sufficient experience which is relevant to the style of mineralisation 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" (the JORC Code). Mr King consents to the inclusion in this report of the Information, in the form and context in which it appears.*

- *References to Target Mineralisation is based on geological modelling from drilling completed at the Beyondie Project to date and was determined as part of the Independent Mineral Resource Estimate at Beyondie. The target mineralisation tonnage and grade is conceptual in nature in that there has been insufficient exploration at this stage to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a mineral resource*