### MAURITANIA, WEST AFRICA

Investing for the Future



# Legleitat Iron Ore Deposit Primed for Production

# Kaoua El Khadra Iron Ore Project Drilling for Success



### **Legleitat Ore Deposit**



# Mining Permit 2138 C1 granted to Legleitat Iron Mauritanie SA (LIM), 70% owned subsidiary of Charter Pacific:-

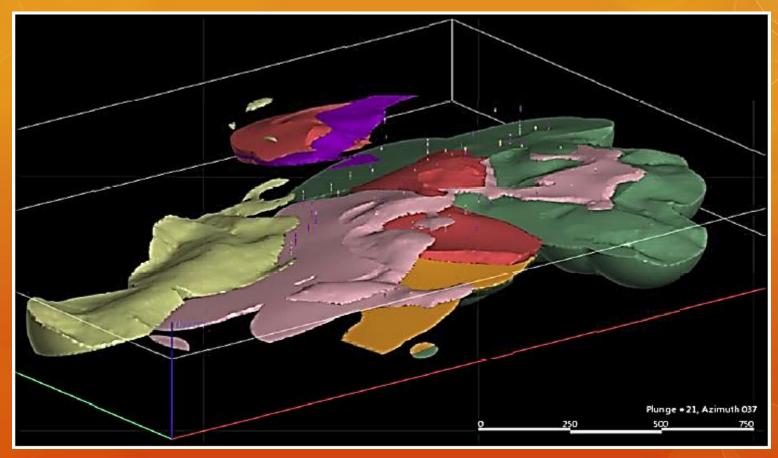
- Permit area 995km²
- ➤ Advanced project, near term Hematite DSO production less than 12 months \*
- Approximately US\$45M has already been spent on site preparation for mining by previous permit holder
- Inferred resource of 12.2 million tonnes (Mt) @ 59%Fe (CaFe grade 62.7%Fe#) (at 54%Fe cut-off)
- Preliminary assessments indicate a potential to support a 1Mtpa shipped operation for +10 years \*
- Estimate by an independent third party of a pre-tax NPV @ 10% US\$112M (based on iron ore price of US\$94/tonne)
- ➤ Future potential of beneficiation of lower grade goethite iron mineralization. An inferred resource of 58.9Mt @ 50%Fe surrounds the Hematite \*
- > Adjacent to Kaoua El Khadra Iron Ore Project Exploration Permit 792

#### **Consideration for the Permit**

Charter Pacific controls 70% and pays US\$3M upfront and additional US\$3M over 6 years. 10% shareholder, WAFA Mining & Petroleum contributes US\$4M. Mauritanian Government holds 20% free carried interest

### **Legleitat Ore Deposit**





### 3D view of main geological units; view looking obliquely down towards the northeast

Green=Basement; Yellow=High Silica; Purple=Northeast High Grade; Orange=Southern High Grade; Pink =Internal Moderate Grade; Red=Northeast Moderate Grade and Mixed Zones

### **Legleitat Ore Deposit Transportation**



The Permit, but not the ore body, is traversed by the major 250km sealed highway between Nouakchott and Akjoujt (refer line in red).

The mine site loading facility is in close proximity to the highway and the haul road to the highway is completed. Preliminary assessments indicate that the DSO product can be trucked to the Port of Nouakchott for shipping to customers with production cost to be around US\$50 per tonne free on board.

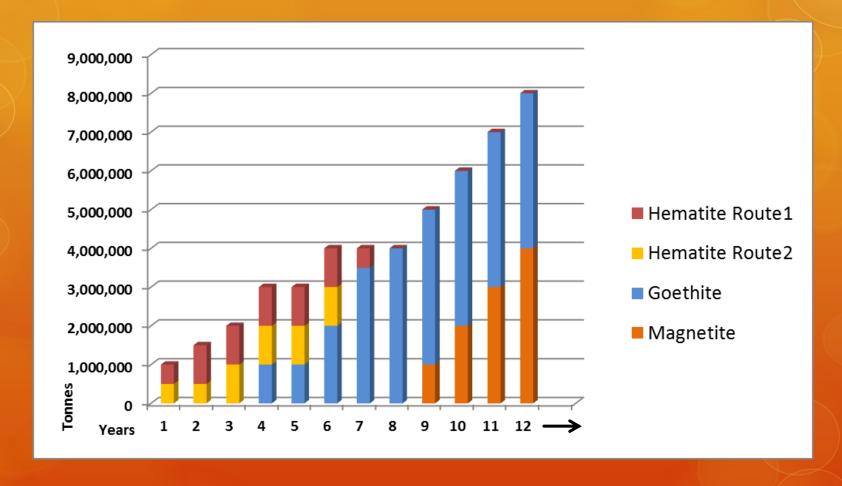
An alternative route could be trucking the DSO product north to Choum and then transporting to the Nouadhibou Port by the iron ore train (refer line in blue).

Further production increases require a rail spur of approx 130km from the Nouadhibou rail line to Akjoujt \*.



# **Staged Development Production Aims \***





- On increased volume cost of production estimated US\$50/Tonne FOB
- > 2<sup>nd</sup> transport route doubles road transport capacity
- > Rail spur (130km) for increase beyond 2Mtpa

### Stage 1 - Hematite Legleitat Ore Deposit



Akjoujt, Mauritania

#### **Quantity & Quality**

Inferred Resource of 12.2 million tonnes (Mt) @ 59%Fe (CaFe grade 62.7%Fe) (at a 54%Fe cut-off)

#### **Permit**

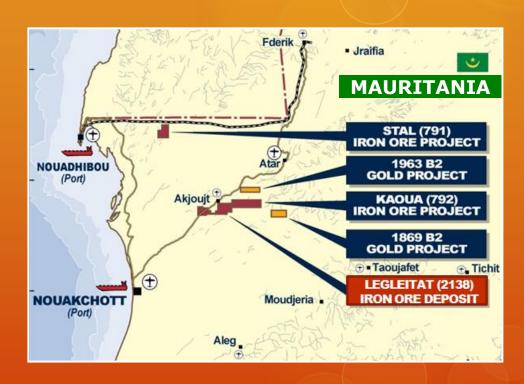
Mining lease (Exploitation) – granted

## Feasibility studies will be commenced in 2014

Confidential discussions with international commodity traders for offtake

LIM will target first production third quarter 2015 \*





Permit 2138 – 995km<sup>2</sup>

### Stage 2 - Goethite Legleitat Ore Deposit

### Location

Akjoujt, Mauritania

#### **Quantity & Quality**

- Potential of beneficiation of lower grade goethite iron mineralization
- Inferred Resource of 58.9Mt @ 50%Fe surrounds the Hematite

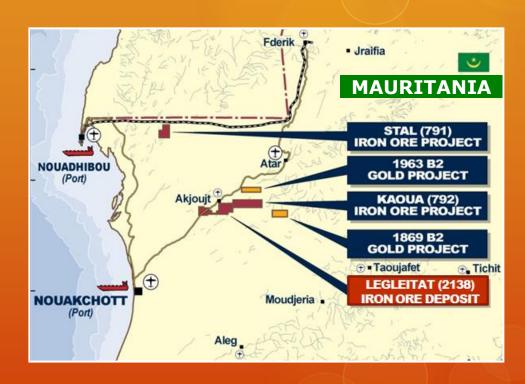
#### **Permit**

Mining lease (Exploitation) – granted

## Feasibility studies will be commenced in 2014

- Beneficiation test-work aiming for a +58%Fe product \*
- > Rail study for increased ore production





Permit 2138 - 995km<sup>2</sup>

### Stage 3 - Magnetite Kaoua El Khadhra Iron Ore Project

**CD** 

**Location** – Adjacent to Legleitat Ore Deposit

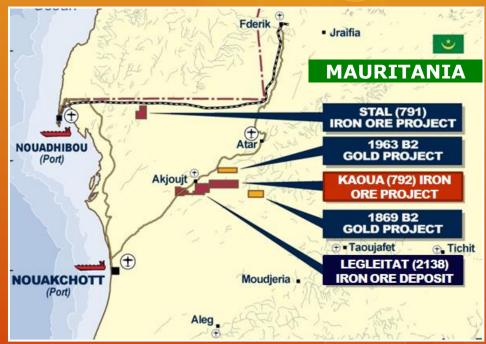
Akjoujt, Mauritania

#### Magnetite

- Exploration target up to 4.4Bt BIF (Magnetite) from a 130km long interpreted strike horizon \*\*
- Drilling to commence 2<sup>nd</sup> half of 2014
- Further DTR testwork
- Maiden resource aimed for 2015
- Assess processing options
- Assess transport options and routes
- Progress towards Scoping and Feasibility studies

#### Sampling:

- BIF assay results range between 27.45%Fe and 44.55%Fe
- > DTR tests show concentrate grades up to 69.76%Fe and mass recoveries of up to 43.7%
- Identification of extensions to known BIF under sand dune cover
- Additional anomalies in the east quarter of Permit 792 confirmed as BIF in outcrop and under sand cover



Permit 792 - 960km<sup>2</sup>

#### **Other Permits**



# W.A. RESOURCES MAURITANIE - Exploration Permit 791: 498km<sup>2</sup> Group 1 minerals – iron ore

The Stal Permit is located in western Mauritania, approximately 300km north of the capital Nouakchott and 180km east-southeast of the iron ore shipping port of Nouadhibou. The Permit lies approximately 70km south of the railway line from the main iron ore mining area around Zouerate to Nouadhibou.

# WEST AFRICA GOLD - Exploration Permit 1963: 390km<sup>2</sup> Group 2 minerals - gold/copper

The Permit area covers a structurally complex 3-4km wide zone of thrusting which strikes NW-SE and dips to the SW. In the south-central part of the Permit area, the thrust zone is about 4km wide and is represented by a series of thrusts in the brittle sandstone units of the Oujeft Group. In the more ductile dolomites of the Amogjar Formation, the thrust zone is represented by folds within the formation in the footwall of the main thrust. A review identified prospectivity for gold, copper, lead, zinc and barium.

# WEST AFRICA GOLD - Exploration Permit 1869: 403km<sup>2</sup> Group 2 minerals - gold/copper

The geology of Permit 1869 is dominated by Quaternary gravels and dunes, which cover most of the Permit area. In the west of the Permit area are outcrops of the Proterozoic Tleimidi Formation of the Ijibbitene Group. In the east of the Permit area are outcrops of Adam el Bouje Formation of the Agoualilet Group.

A review identified prospectivity for gold, copper, lead, zinc and barium.

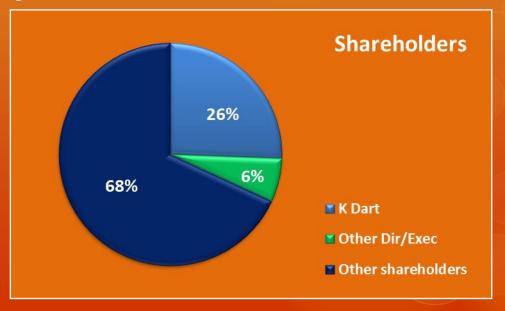
### **Corporate Overview**



Charter Pacific Corporation Limited is an investment company listed on the Australian Securities Exchange (ASX:CHF). Our current investment focus is the mining and resources sector of Mauritania. Our portfolio of Permits are for hematite and magnetite iron ore and gold/copper. These Permits total 3,246km<sup>2</sup>.

#### **The Capital Structure of the Company**

AS AT 17 JUNE 2014	
Share Price	A\$0.052
Shares on Issue	141,756,873
Market Cap	A\$7.371M
Management Shares	2





DIRECTORS	
Kevin Dart Executive Chairman	Extensive expertise in listed and unlisted public companies over the last twenty six years with experience in capital raisings, new listings, mergers and acquisitions, as well as cross border transactions in the United States, United Kingdom, Asia, India and Mauritania.
Peter Bradfield Non-Executive Director	Extensive expertise in strategic marketing and business development advice to a range of Australian and international companies. He is a former CEO of Energy Resources of Australia Limited, former Chairman and Managing Director of Elders Mining group of companies, a past Director of both the Australian Mining Industry Council and the Queensland Chamber of Mines and Chairman of National Entitlement Security Trust.
David Selfe Head of Exploration & Geology	Extensive experience as a Geologist with experience in Australia, Indonesia and Africa and in commodities such as nickel, gold, base metals, manganese and iron ore. He is a past Director and advisor to Nusantara Minerals Pty Ltd which acquired and merged its interests in Indonesian gold and silver projects into TSX listed Reliance Resources Ltd. Prior to Saewulf Geologica, Mr Selfe spent 14 years with Minara Resources Ltd/Glencore International plc.



ADVISORY COMMITTEE	
Ashley Zimpel	Extensive expertise in domestic and international investment banking experience with a career of over 25 years of establishing and developing capital market, corporate finance and Public Company businesses. He has held senior positions at Bankers Trust Australia Limited and Macquarie Bank Limited, Hattersley Maxwell Noall Stockbrokers in Sydney and was a founding partner and Executive Director of what is now RMB Australia Limited.
Darshak Mehta	Extensive experience, spanning over three decades, in the Metal Industry both in Australia and India. He was the youngest President of the Bombay Industries Association in 1986 (aged 29) and the youngest Member of the Managing Committee of the venerable, Indian Merchants Chamber.
Abdel Kader Ould Saleh Ould Bohey Director (Country) Mauritania	Extensive experience as a geological engineer with over 40 years experience in Mauritania. He was heavily involved in the development of the Mauritanian Ministry of Oil, Energy and Mines, and was Director of Mines and Geology for more than a decade. He was the administrator of one of the largest mining companies in Mauritania (iron, copper, gold etc.).



#### Disclaimer

This presentation has been prepared by Charter Pacific Corporation Limited (Charter Pacific). It is not a disclosure document and should not be considered as an offer or invitation to subscribe for, or purchase any securities in the Company or as an inducement to make an offer or invitation with respect to those securities. No agreement to subscribe for securities in the Company will be entered into on the basis of this presentation.

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#### \* Production Targets

The production targets expressed are aspirational in nature and are derived from studies conducted on the Inferred Mineral Resource, therefore it is uncertain at this stage that sufficient quantity of material will be defined as the resource is upgraded in confidence to Indicated and Measured to support these targets. It is Charter Pacific's intention to conduct further drilling and analysis to upgrade the resource confidence and conduct scoping and feasibility studies.

#### \*\* Exploration Targets

The exploration targets presented are conceptual in nature and relates to defined exploration areas where outcrops and geophysical anomalies have been identified but mineralisation has not been delineated. There has been insufficient exploration to define a Mineral Resource in these areas and it is uncertain if further exploration will result in the determination of a Mineral Resource.

Charter Pacific has an exploration strategy to systematically test these areas to determine if Mineral Resources are present.

Information in this presentation that relates to mineral resources is based on previous announcements made by Charter Pacific (or other relevant parties) to the ASX.

This presentation does not constitute financial product advice (nor investment, tax, accounting or legal advice) and has been prepared without taking account of any person's investment objectives, financial situation or particular needs.

#### **Competent Persons Statement**

Mineral Resource estimation is reported in accordance with The Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the 'JORC 2004 Code') and makes references to "Measured", "Indicated" and "Inferred" resources conforming to those terms as defined in the JORC 2004 Code. The JORC 2004 Code sets out minimum standards, recommendations and guidelines for the Public Reporting in Australasia of Exploration Results, Mineral Resources and Ore Reserves.

The Mineral Resource has not been updated to comply with the JORC 2012 Code on the basis that the Mineral Resource has not materially changed since last reported.

Mr Daniel Guibal, a fulltime employee of SRK Consulting (Australasia) Pty Ltd and a Fellow of the Australasian Institute of Mining and Metallurgy has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration to qualify as Competent Person as defined in the 2004 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'.

The information in this report that relates to Exploration Results is based on information compiled by David Selfe, who is a Member of The Australasian Institute of Mining and Metallurgy (AusIMM). David Selfe is employed by Saewulf Geologica. Mr Selfe has sufficient experience which is relevant to the style of mineralisation 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'. Mr Selfe consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.