

### **ASX Announcement**

#### **PanTerra Gold Limited**

#### ASX: PGI

#### **INVESTOR PRESENTATION**

Attached is a copy of an Investor Presentation dated 1 August 2014 which the Company intends to make available to a number of Stockbrokers and their clients, both in Australia and overseas, during meetings planned for August and September 2014.

End

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Las Lagunas Albion/CIL Process Plant, Dominican Republic

## PanTerra Gold Limited

Investor Presentation
1 August 2014

PanTerra Gold is an Australian mining company producing gold and silver from refractory ore in the Dominican Republic.

The Company's future focus will be on the application of its technical expertise to refractory ore bodies in the Americas and China.

#### Refractory Ores

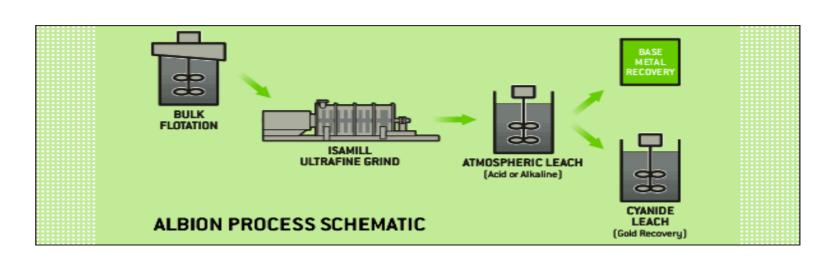
A refractory ore containing gold is one in which the gold is usually present as finely disseminated particles in sulphide minerals such as pyrite. Conventional cyanide leaching relies on the cyanide lixivant making contact with the gold particle, dissolving the gold into a gold cyanide complex in order that recovery can then be achieved. In refractory ores, the cyanide is unable to penetrate the sulphide particle and make contact with the gold, resulting in poor metal recovery and significantly impacting on the ability to economically treat the ore.

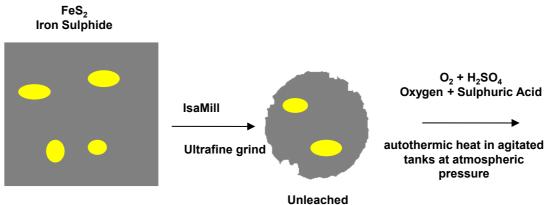
Stranded refractory gold deposits are scattered throughout the world, inviting the application of a relatively simple, cost-efficient process to unlock their value.

#### Albion Oxidation Process

The Albion Process™ is a combination of ultrafine grinding and oxidative leaching at atmospheric pressure.

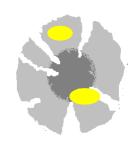
A concentrate containing precious metals is fed to the Albion circuit where sulphides are oxidised and liberated, allowing gold and silver to be recovered by conventional means.





10 micron particle

FeSO<sub>4</sub> +CaSO<sub>4</sub> +FeO(OH)+ H<sub>2</sub>O Iron & Calcium Sulphates +Geothite (all inert) + Water



Leached particle: 94% of Sulphide leached away due to fine size & fracturing from ultrafine grinding



## Snapshot – PanTerra Gold

- Focused on bringing the Company's Las Lagunas gold/silver project in the Dominican Republic to production of approximately 55,000 oz gold, 500,000 oz silver per year by end of CY2014.
- Accessing concentrated refractory ore to provide additional feed to extend Las Lagunas project life
- Introducing technology and IP for the extraction of gold and silver from refractory deposits in the Americas, and China

ASX: PGI			
Issued Shares*	822M		
Share Price*	AU\$0.04		
52 Week Low/High	AU\$0.034-\$0.098		
Market Cap*	AU\$32.9M		
Cash & Deposits*	US\$5.3M		
Project Debt*	US\$37.5M		
Top 20 Shareholders*	43%		

<sup>\*</sup> As at 31 July, 2014



## Key Management Personnel

#### **Brian Johnson - Executive Chairman**

Mr Johnson (BE - Civil Engineering) has been instrumental in establishing a number of successful public companies in the mining sector, including Nevada Goldfields Limited, Austral Coal Limited, and both Portman Mining Limited and Mount Gibson Iron Limited in the iron ore industry. He was previously Non-Executive Chairman of Linc Energy Limited, and is currently Non-Executive Chairman of Cuesta Coal Limited.

#### **James Tyers - Executive Director**

Mr Tyers (BAppSci - Mineral Exploration and Mine Geology, MBA) has 20 years' experience in the mining industry with the last 10 years involving senior management roles in both gold and iron ore operations and was responsible for the feasibility study and development of the Company's Las Lagunas project. He is now involved in evaluation of new development opportunities.

#### **Adrian McDonald - Chief Operating Officer**

Mr McDonald (BE - Metallurgical Engineering) has 20 years' experience in the mining industry in mineral processing, specialising in complex hydrometallurgical operations. Immediately prior to joining PanTerra Gold, Mr McDonald held the role of Process Plant Manager at the Murrin nickel operation in Western Australia.

#### Francisco Fimbres – General Manager

Mr Fimbres (BSci – Metallurgical Engineering) has 33 years' experience in the mining industry -15 years at senior management level in Spain, USA and Central America. Immediately prior to joining PanTerra Gold, Mr Fimbres was General Manager, Kinbauri Project, in Spain, holding full financial and operational accountability for two gold-copper-silver mines and a grinding-gravity-flotation-CIL processing plant.

#### James McTiernan - Production Manager, Las Lagunas

Mr McTiernan, (BE - Mineral Engineering) has 13 years' experience in process engineering and metallurgy in gold and copper processing operations in Laos, Australia and the UK. Mr McTiernan is responsible for management of the day-to-day operation of the Las Lagunas Albion/CIL plant.



## Las Lagunas Project - Background

- Reprocessing high grade sulphide tailings from historic production at the Pueblo Viejo mine in the Dominican Republic (recently redeveloped by Barrick)
- World's first utilisation of Albion process for oxidation of refractory ore containing precious metals
- Albion process (developed by Xstrata Technology) oxidises sulphide ore, rendering gold and silver amenable to extraction by standard CIL processing





Las Lagunas Project - Location

## Las Lagunas Project - Key Statistics

- Original JORC resource: 5.13Mt @ 3.78g/t Au, 38.6g/t Ag (620koz Au, 6.4Moz Ag)
- Remaining resource (30 June 2014): approximately 3.8Mt
- Current operating life of approximately five years
- ~95,000 oz gold hedged at ~US\$1,283/oz (silver unhedged)
- Las Lagunas project exempted from income tax, 25% profit share paid to Government from CY2017 after recovery of US\$70 million plant construction costs
- Government gold royalty: 3.2% of net revenue (no silver royalty)



## Las Lagunas Project - Production Forecast

	Q3 2014	Q4 2014	CY 2015
Production	10,000 oz Au 92,000 oz Ag	13,000 oz Au 125,000 oz Ag	55,000 oz Au 500,000 oz Ag
Revenue	US\$14.9M	US\$19.5M	US\$83.4M
Operating Profit	US\$6.6M	US\$11.5M	US\$49.8M
Cash Cost / oz (AuEq*)  * Calculated using Ag:Au ratio of 60:1, excludes Government 3.2% royalty on gold production	~US\$718	~US\$529	~US\$530



# Las Lagunas Project - Tailings Reclaim

- Low cost reclaim of sulphide tailings using dredges
- Dredges feed to thickener for density control prior to delivery to plant
- Three dredges in operation providing redundancy



## Las Lagunas Project - Process Plant

- Industry standard grinding and flotation circuits
- Flotation concentrate goes to Albion oxidation circuit
- Albion oxidation circuit comprises
  - Ultra fine grinding (Isa Mill)
  - Oxidative leach tanks ('Albion' reactors)
- Oxidized output from Albion circuit fed to standard CIL circuit
- Doré poured on site and refined in Geneva



# Las Lagunas Project - Community

- Effective engagement with local community
- Building relationships by providing employment opportunities through rotating work program for local residents
- Provides pathway to full-time employment through recruitment into permanent workforce
- Proactive community & government relations program



## **Exploration**

- Three exploration concessions totalling 24,950ha held in Dominican Republic (one is under renewal application)
- Targets are refractory Au/Ag and polymetallic Cu/Au/Ag deposits
- All concessions under-explored with limited application of modern exploration techniques to date



## Corporate Development Plan

- Identify and secure additional refractory gold bearing ore from within the region which could be concentrated and shipped to Las Lagunas for processing
- Capitalise on written down value of process plant, existing environmental permits, low-cost trained workforce, and 15 year capacity of Las Lagunas tailings dam
- Identify and acquire stand alone projects in the Americas where experience with refractory ore and Albion process gives PanTerra Gold a competitive advantage
- Develop associations with Chinese gold producers holding refractory deposits amenable to extraction utilizing the Albion/CIL process which is ideal for mid-sized projects







### **Contact Details**

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## Competent Persons Statement

The information in this document that relates to Indicated Resources at the Las Lagunas project is based on information compiled by Rick Adams, BSc MAusIMM MAIG, Director Geological Resource Services for Cube Consulting, who is a consultant to PanTerra Gold Limited. Mr Adams is a Member of the Australasian Institute of Mining and Metallurgy and 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 Adams consents to the inclusion in the document of the matters based on information in the form and context in which it appears.

This information was prepared and first disclosed under the JORC Code 2004. It has not been updated to comply with the JORC 2012 on the basis that the information has not materially changed since it was last reported.

