

# **AGM Presentation**

#### 27 November 2017

#### **Competent Person Statements**

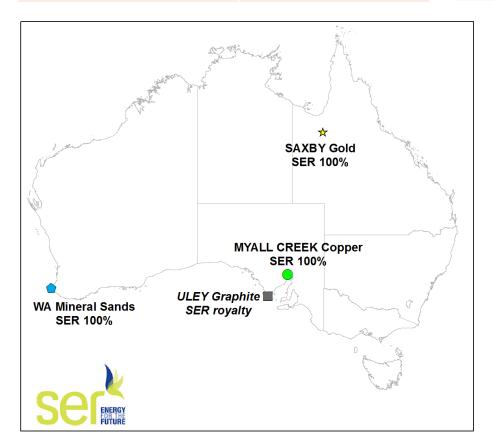
The information in this document that relates to Exploration Results is based on information compiled by Mr Stuart Rechner BSc (Geology) MAIG, a Competent Person who is a Member of Australian Institute of Geoscientists. Mr Rechner is a Director of, and consultant to, Strategic Energy Resources Ltd. Mr Rechner has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Rechner consents to the inclusion in the document of the matters based on his information in the form and context in which it appears.'

The information in this document that relates to the Ambergate Mineral Resource Estimate is based on work conducted by David Slater of SRK Consulting (Australasia) Pty Ltd. David Slater takes responsibility for the Mineral Resource Estimate. David Slater is a Member of The Australian Institute of Mining and Metallurgy (AusIMM) and a member of the Australian Institute of Geoscientists (AIG) and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and to the activities undertaken, to qualify as Competent Person in terms of the Australian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2012). David Slater consents to the inclusion of such information in this document in the form and context in which it appears.

#### Corporate Snapshot

CAPITAL STRUCTURE	
Shares on issue	840,000,000 shares
Market capitalisation (@ 0.7c)	A\$5.88m
Cash on hand (31 October 2017)	A\$2m
Substantial Shareholders	Rechner 12.5%; Kirke 9.2%

KEY PERSONNEL	
Executive Chairman	Stuart Rechner BSc (Geology) LLB MAIG GAICD
Non-Exec Director	Harvey Kaplan LLB
Non-Exec Director	David DeTata BSc MSc PhD (Chemistry) MBA GAICD
Company Secretary	Melanie Leydin CA

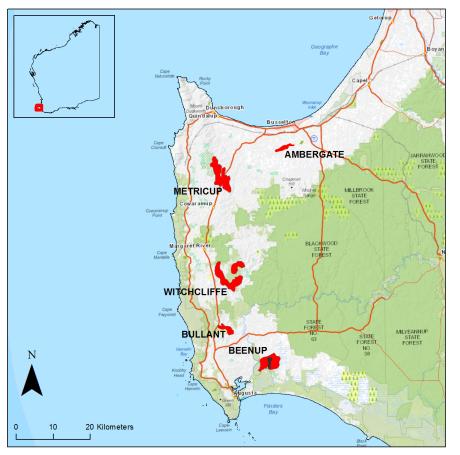


#### FY2016-2017 Highlights

- WA Mineral Sands tenements granted
- JORC 2012 resource defined at Ambergate
- Purchase of Saxby Gold Project for 3m shares
- Additional ground pegged at Myall Creek
- Raised \$2m via placement and SSO
- Retirement of Founder and Board refresh
- lonic: CleanTeQ JV, Laminar JV, Capital Raised
- QGL: action taken to protect investment

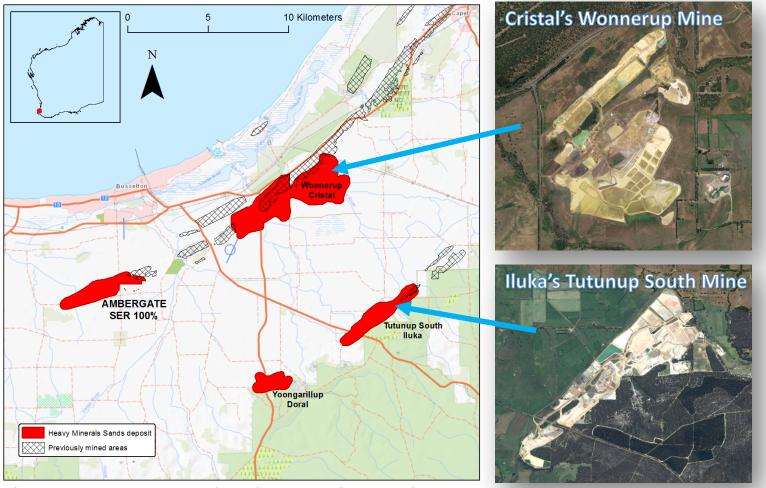
SER is well placed to evaluate new opportunities in mineral exploration as market conditions improve

## Western Australia Heavy Mineral Sands (SER 100%)



- Five significant Heavy Mineral Sands projects
  - Explored more than 20 years ago
  - Historical hard-copy data (including drilling)
- Recognised deposit type in well established Heavy Mineral Sands mining district
  - Infrastructure in place
  - Multiple potential customers
  - State Planning Policy provides protection from conflicting land uses
- SER has already defined a high grade JORC 2012
  Inferred Resource at our first project: Ambergate
  - In discussions with interested partners
- SER plans to define more resources at our other Heavy Mineral Sands prospects
- Improving Heavy Mineral Sands commodity prices and favourable long term market outlook
  - Downstream producers seeking feedstock

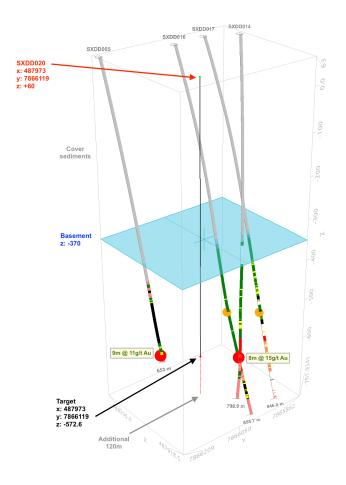
## **Ambergate Heavy Mineral Sands Resource**

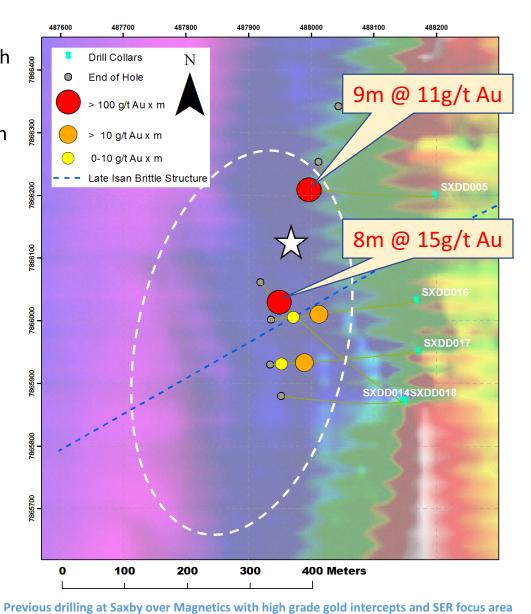


- Multiple operating Heavy Mineral Sand mines in the immediate vicinity
- JORC 2012 Inferred Resource of 7.8Mt grading 5.1% Heavy Minerals for a total Heavy Mineral content of 394,000t
  - Heavy Mineral cut-off of 3% and Slimes cut off of <22%</li>
- Mineralisation from surface; mineral assemblage: 73% ilmenite (TiO<sub>2</sub> 58.7%), 12% leucoxene, 12% zircon
- "Ambergate appears to have reasonable potential for economic extraction by way of small open pit surface mining."
- Further exploration potential SER has recently pegged ground to the West

# Saxby Gold Project (SER 100%)

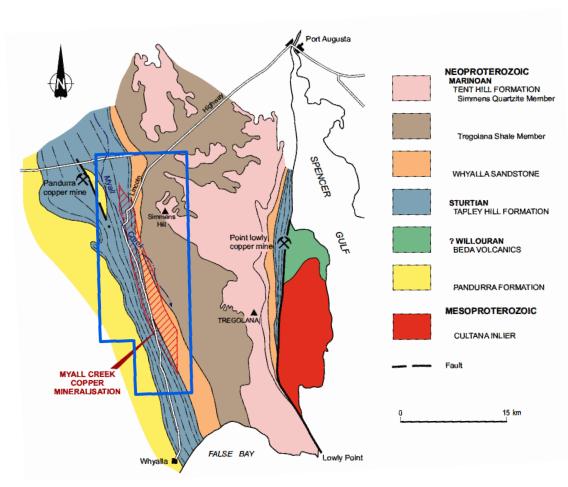
- Drilling to date has not adequately tested the potential demonstrated by previous high grade intersections
- Plan to drill between high grade hits to confirm gold lode continuity and orientation





## Myall Creek Copper-Gold Project (SER 100%)

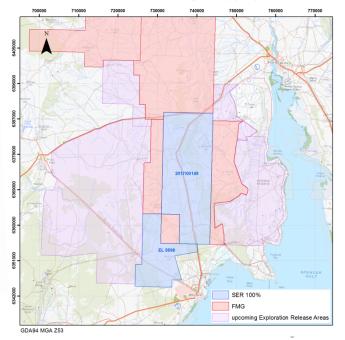
- More than 15km strike of sediment-hosted copper mineralisation
- Iron Oxide Copper-Gold (IOCG) potential in the underlying basement
- Evolution and FMG moving into the district



Curtis, S., 2007. The geology and mineral potential of the Port Augusta area, eastern Gawler Craton. South Australia. Department of Primary Industries and Resources. Report Book 2007/6.



Evolution earn-in to South Gawler gold-copper project (June 2017)



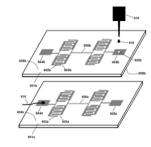
FMG pegs ground surrounding SER's Myall Creek project (Nov 17)

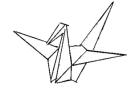
## Ionic Industries Investment (SER 16%)



Over the past year Ionic has made a number of important advances on graphene research programs:

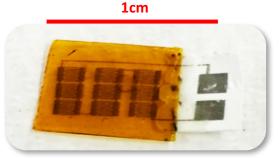
- 6
- CRC-P on water and waste-water treatment with CleanTeQ is on track to deliver commercial products by Sep 2018 – both on GO Sand and GO nanofiltration membranes
- Filed new patent on micro super capacitors (MICRENs) which opens markets for these technologies in applications such as wearables, medical technologies, IoT applications and other specialised applications
- Developed ORIGAMI devices involving a new method for applying our existing technologies for use in higher-power applications than the MICREN devices
- Progressed our GO washing processes, although a setback in the testing regime has delayed progress on our partnership with Laminar until early 2018







www.ionicindustries.com.au



Current supercapacitor prototype devices in optimised electrolyte