



**Strategic Energy Resources**

**25 November 2019**  
**Annual General Meeting Presentation**

ASX: SER

**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.*



### CAPITAL STRUCTURE (ASX:SER)

Shares on issue	950,000,000
Market capitalisation (@ 0.5c)	\$4.75m
Cash (30 September 2019)	\$1m
Top 20 Shareholders	51%

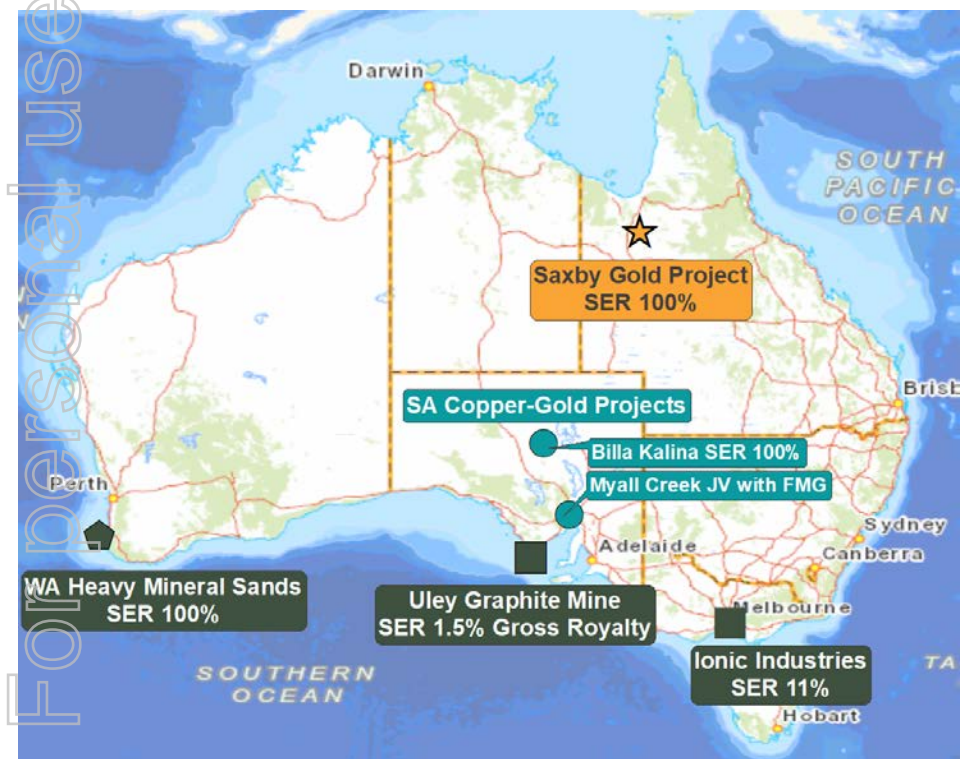
### BOARD

Chairman	Stuart Rechner BSc LLB MAIG GAICD
Director	David DeTata BSc MSc PhD MBA GAICD
Director	Harvey Kaplan LLB

### 2019 Highlights

- Drilled Saxby
- Myall Creek farm-out to FMG
- Win Billa Kalina exploration licence
- Techno-economic analysis of Ambergate
- MinEx CRC new opportunities emerging...
- Ultra low cost: total \$ out the door FY18-19 < \$1m

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**Counter-cyclical greenfields project generator / explorer**

# The Challenge is the Opportunity

Discovery is getting harder

- Average exploration time for a significant discovery is 12 years
- On average 2.5 companies explored the property prior to discovery
- Average cost ~US\$200m and average drilling ~700,000m

Pipeline of emerging mines running dry

Geoscience talent in serious decline

Juniors still make most discoveries

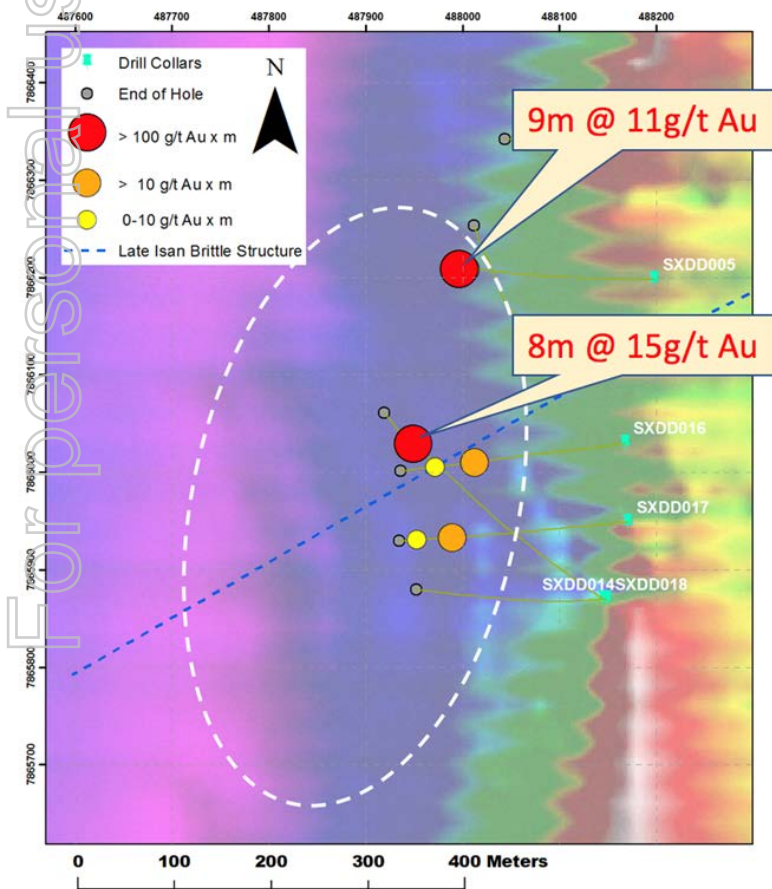
Source: Richard Schodde, MinEx Consulting, October 2018



# Saxby Gold Project (Queensland)

- Drilling of hole SXDD020 completed to a total depth of 719m
- Rotary mud pre-collar followed by diamond drill cored tail
- SXDD020 did not deviate significantly in inclination
- 95m of core to be sampled with assays expected mid-December

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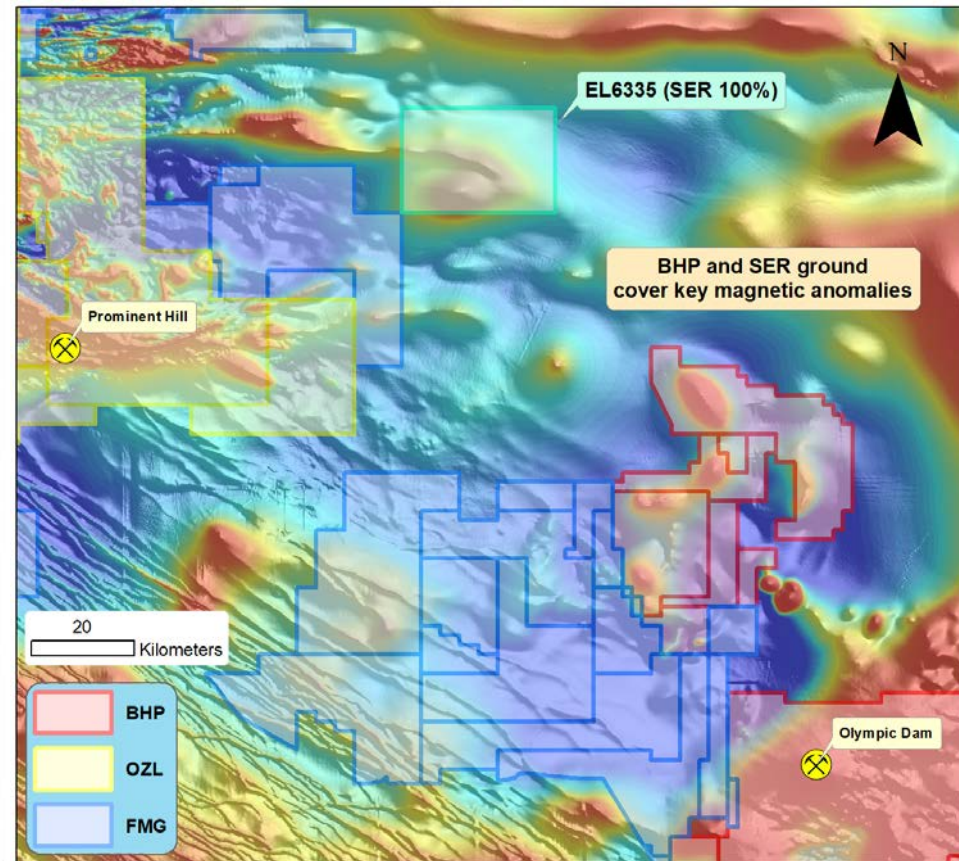
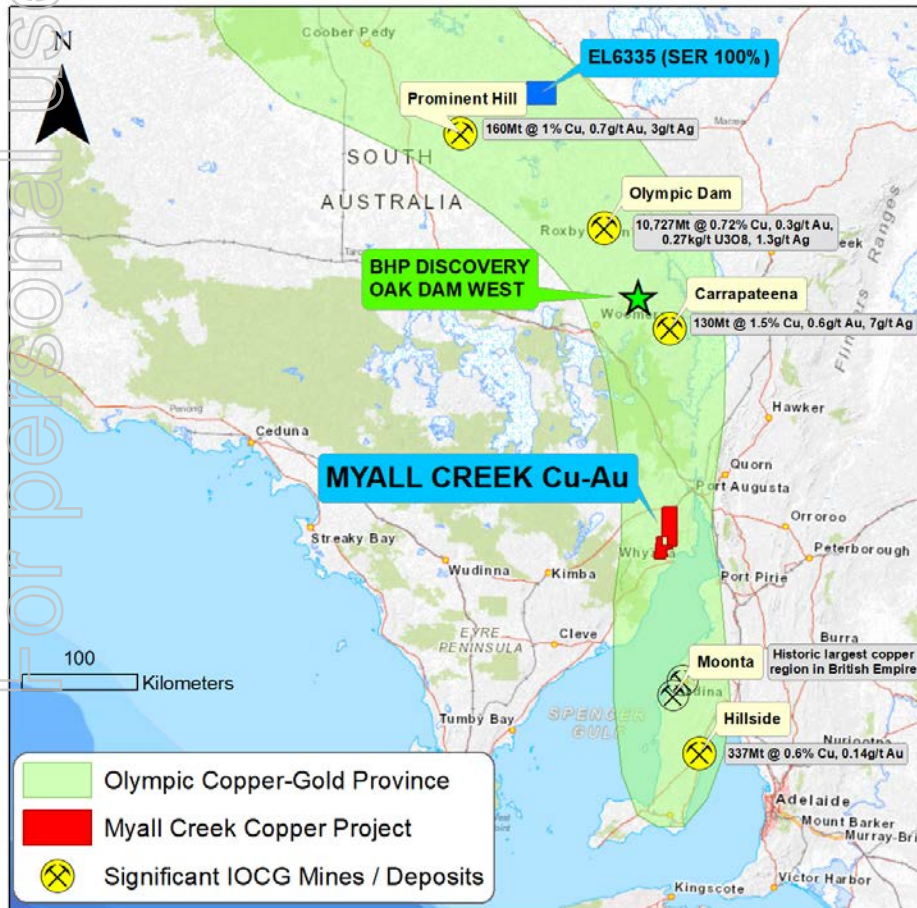




# Gawler Craton Copper-Gold Projects (South Australia)

- Prime locations in Olympic Copper-Gold Province
  - SER highly experienced in this terrane
- Myall Creek: FMG to sole fund exploration, minimum 1500m drilling to earn-in
- Billa Kalina new internally-generated compelling target
  - Gravity survey imminent

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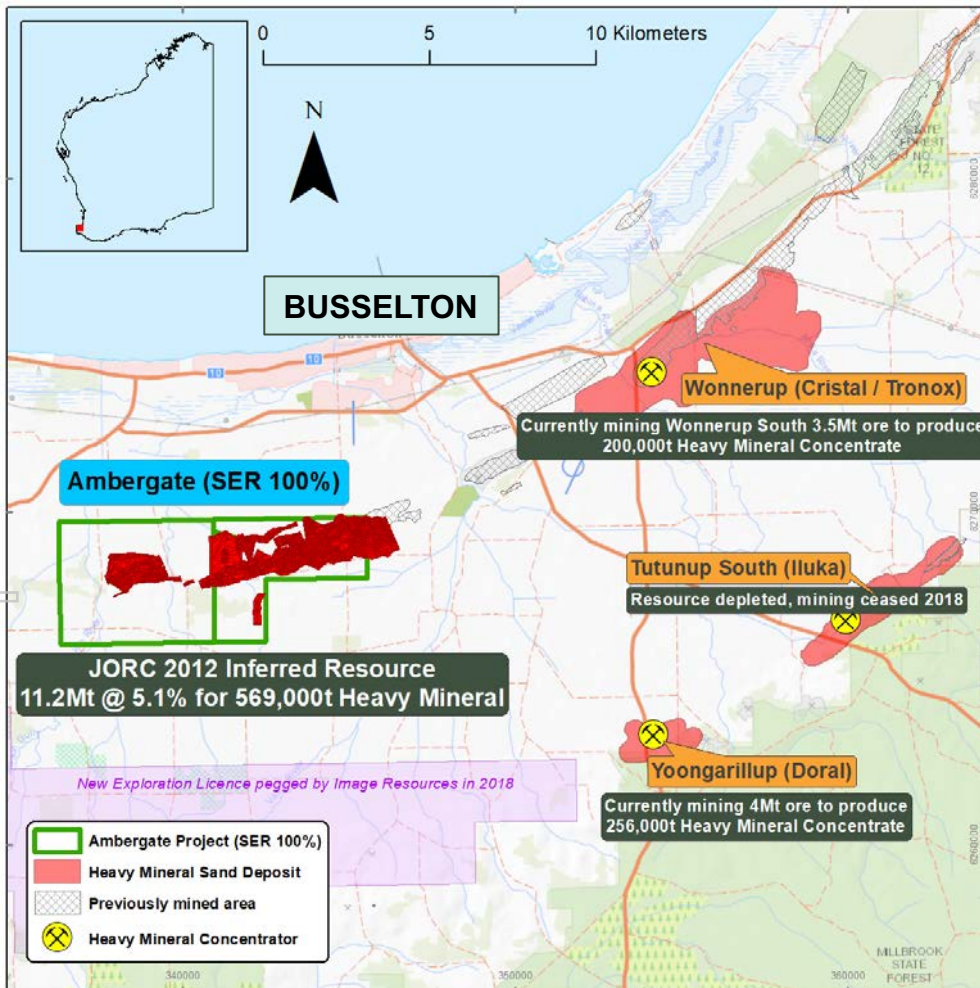


# Heavy Mineral Sands: Ambergate

JORC 2012 Inferred Resource

**11.2.Mt grading 5.1% Heavy Minerals (HM) for a total HM content of 569,000t**

- low grade Heavy Mineral cut-off of 3% and Slimes cut off of <22%
- heavy mineral assemblage: 73% ilmenite (average  $TiO_2$  content of 58.7%), 12% leucoxene, 12% zircon, 0.6% monazite, 2% other



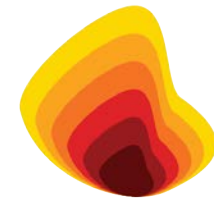
- Mineralisation from surface
- High zircon content of 12%
- Ilmenite  $TiO_2$  content averages 58.7%
- Multiple operating HMS mines in the immediate vicinity
- SRK Independent Report: “Ambergate appears to have reasonable potential for economic extraction by way of small open pit surface mining.”

see SER ASX Announcement of 17 April 2018:  
<https://www.asx.com.au/asxpdf/20180417/pdf/43t8d8c99q8f1c.pdf>



# New Initiatives

- Mineral Exploration Cooperative Research Centre (MinEx CRC)
  - World's largest mineral exploration collaboration
  - Developing technologies to discovery mineral deposits
  - \$218m collaboration; \$50m Federal funding
  - Only two exploration companies admitted to participate
- National Drilling Initiative
  - drilling in under-explored areas
- SER securing ground
  - NT: 5 x Exploration Licence Applications
  - NSW: South Cobar application



# MinEx CRC

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