Renascor Resources Limited **ASX code: RNU** 

## Renascor Resources Limited

Developing Australia's largest High Grade Graphite Deposit



**Capital Raising Presentation – 11 May 2016** 



# **Important Notices**



### **Forward Looking Statements**

This Presentation may include statements that could be deemed "forward-looking" statements. Although Renascor Resources Limited (the "Company") believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those expected in the forward-looking statements or may not take place at all.

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### **Competent Persons Statement**

The exploration results in this Presentation, insofar as they relate to mineralisation, are based on information compiled by Mr G.W. McConachy (fellow of the Australasian institute of Mining and Metallurgy) who is a director of the Company. Mr McConachy has sufficient experience relevant to the style of mineralisation and type of deposits being considered to qualify as a competent person as defined by the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC code, 2012 edition). Mr McConachy consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

# **Investment** Highlights

## Australia's largest graphite deposit

- Siviour deposit is large, shallow and open along strike
- Considerable scope to add to resource with follow-up drill program commencing this month

## **High Quality Deposit**

- Renascor is targeting a coarse flake, high purity concentrate, with initial petrology testing +80% in super-jumbo, jumbo and large categories
- Unique shallow, tabular orientation delivering the potential for straightforward low-cost mining

## **Tier One Mining Jurisdiction**

• Targeting the establishment of cost competitive supply in tier one jurisdiction

## **Material Upside**

- Siviour is a recent discovery and trades at a material discount to its peers
- Several near term catalysts offering scope to align valuation with peers





## Renascor corporate profile



Adelaide-based management team with track record of discovery and development in South Australia

ASX code	RNU
Shares on issue	237.0m
Options	42.7m*
Cash (31 March 16)	\$495K
Share price (6 May 16)	\$0.017
12 month range	\$0.009-\$0.028
Market capitalisation (6 May 16)	\$4.0M
Top 20 shareholding	54%
Board shareholding	28%

All figures quoted in \$AUD

42.7m options exercisable @ \$0.03 to acquire 1 new share, expiring 30 Sep 16\*

# Experienced Board & Management team

#### Stephen Bizzell, Non-Executive Chairman

Stephen is highly experienced in the fields of corporate restructuring, debt and equity financing, mergers and acquisitions and has over 20 years corporate finance and public company management experience in the resources sector in Australia and Canada. Stephen was a founder and executive director of Arrow Energy from 1999 to until its acquisition in 2010 by Royal Dutch Shell and PetroChina for \$3.5 billion. Stephen is the Chairman of boutique corporate advisory and funds manager, Bizzell Capital Partners and serves as a director of a number of other ASX listed companies.

### David Christensen, Managing Director

David Christensen is an experienced mining executive, with recent successful experience managing exploration, mining and marketing operations. Prior to founding the Company, David served as Chief Executive Officer of Adelaide-based companies, Heathgate Resources Pty Ltd and Quasar Resource Pty Ltd, overseeing their Australian operations, including the Beverley uranium mine, as well as the expansion into new projects with the discovery and development of the Four Mile deposit and numerous joint ventures. David was educated at Cornell University (BA, Economics and Classical Civilizations), the University of California, Los Angeles (JD) and the Universitá di Bologna (Fulbright Fellow).

### Geoff McConachy, Executive Director

Geoffrey McConachy is an accomplished geologist with over thirty years of Australian and international experience in the mining industry assessing a wide range of commodities. Geoffrey is a fellow of the Australasian Institute of Mining and Metallurgy and a former Director of the Uranium Information Centre.

### Andrew Martin, Non-Executive Director

Andrew Martin is an executive with Deutsche Bank with over 15 years experience, predominately advising in the infrastructure, utilities and natural resources sectors. Andrew has a Bachelor of Economics (Hons) from the University of Sydney and is a founder and Alternate Director of ASX listed Stanmore Coal Limited (having been a Director from 2009 to 2014) and unlisted St Lucia Resources International Pty Limited.

### Chris Anderson, Non-Executive Director

Chris Anderson is an experienced geophysicist with over 30 years in mineral exploration in Australia (with a focus in South Australia) and abroad. Chris is a graduate of Adelaide University (BSc, Geology and Geophysics) (Hons), and is a fellow of Australasian Institute of Mining and Metallurgy.

### Angelo Gaudio, Chief Financial Officer and Company Secretary

Angelo Gaudio is a qualified accountant with over 35 years of finance, management and accounting experience. His expertise includes corporate finance, risk management and financial reporting, as well as corporate development and Native Title relations. Angelo is a Fellow of the Institute of Public Accountants and a Certificated member of the Governance Institute of Australia.

# Focused graphite strategy



### **Strategy**

To capitalise on the highly encouraging progress to date at Siviour with the establishment of Australia's largest graphite resource, Renascor intends to continue to progress toward goal of becoming a low-cost producer of high-quality coarse flake graphite for export.

## Catalysts

### Project milestones for 2016

- Expand resource
- Deliver definitive mineral processing test work
- Scoping study to define economic parameters





# Siviour graphite deposit

Siviour graphite deposit in South Australia has quickly emerged as a potential commercial graphite development with several key components already established

## **Deposit size and quality**

Australia's largest graphite resource with ample scope to grow

## Location

Secure mining jurisdiction: South Australia Near port, rail, established workforce

## Flake size and distribution

Petrology shows over 60% in super-jumbo (+500µm) category

## **Product purity**

Preliminary bench flotation tests on adjacent prospect has produced concentrates grading up to 95% TGC with flake size up to 600µm; mineral processing work at Siviour in 2Q 2016

## **Off-take**

Product testing to commence 2Q/3Q 2016

## **Time-frame to production**

Scoping study expected 3Q 2016

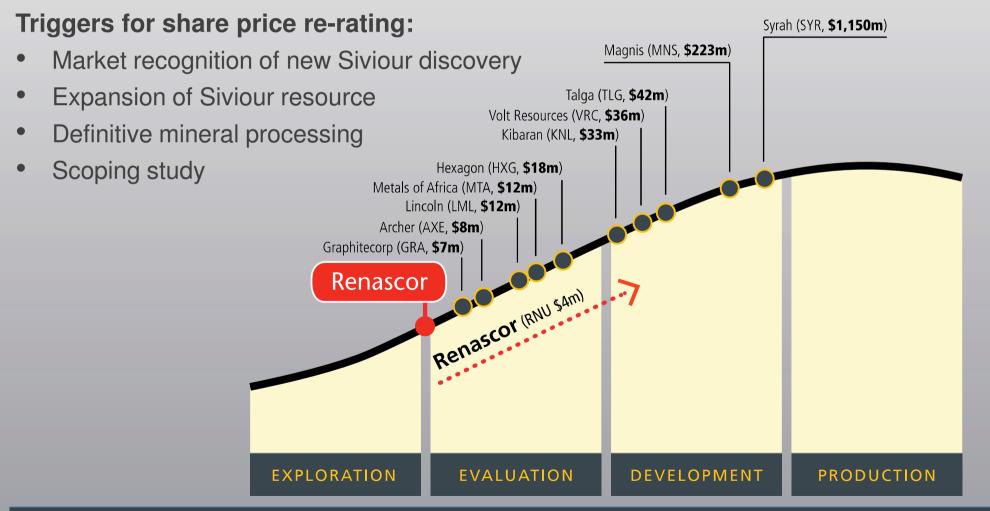




# **Re-rating potential**



Renascor currently trades at a significant discount to its peers on an enterprise value per tonne basis given the recent and rapid progress at Siviour.



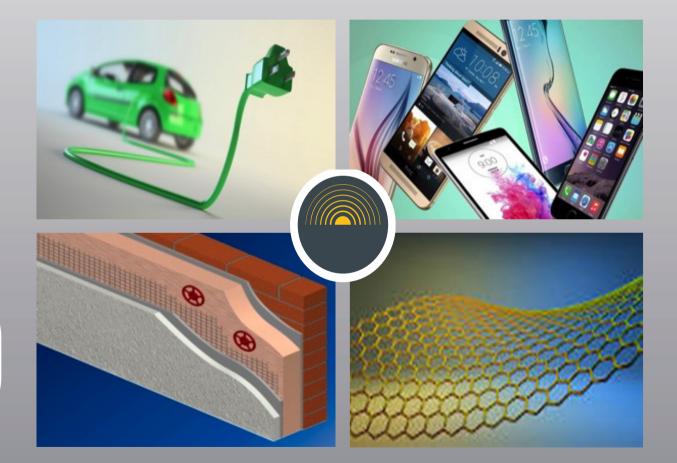
## Graphite market



High tech growth areas are adding to historical industrial uses and driving increased demand for flake graphite

Lithium Ion batteries Graphene Expandable graphite Super capacitors Green technologies Pebble bed reactors

Growing demand from new and emerging technologies



# Why graphite in Australia?

### Graphite market needs secure supply

- China dominates current supply
- Emerging production from Africa

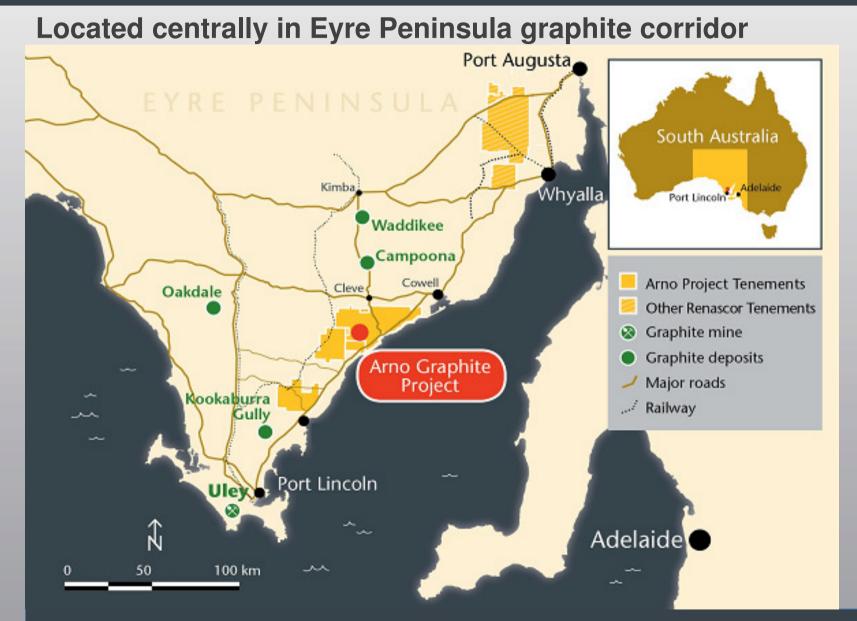


Source: Company data, Macquarie Research, November 2015



# Arno graphite project





Arno graphite project, showing location and nearby graphite deposits

# Arno graphite project: location

### **Optimal location for development and production**

## **Favourable jurisdiction**

- South Australia
- Supportive government
- Freehold land

## Port, Road, Rail, Power

- Established ports -- Port Lincoln, Whyalla
- Highway 10km
- Railhead 16km
- Power on main grid

## **Established workforce**

- Whyalla (23,000), Port Lincoln (15,000), Port Augusta (13,000)
- Arno Bay, Cleve, Cowell, Tumby Bay

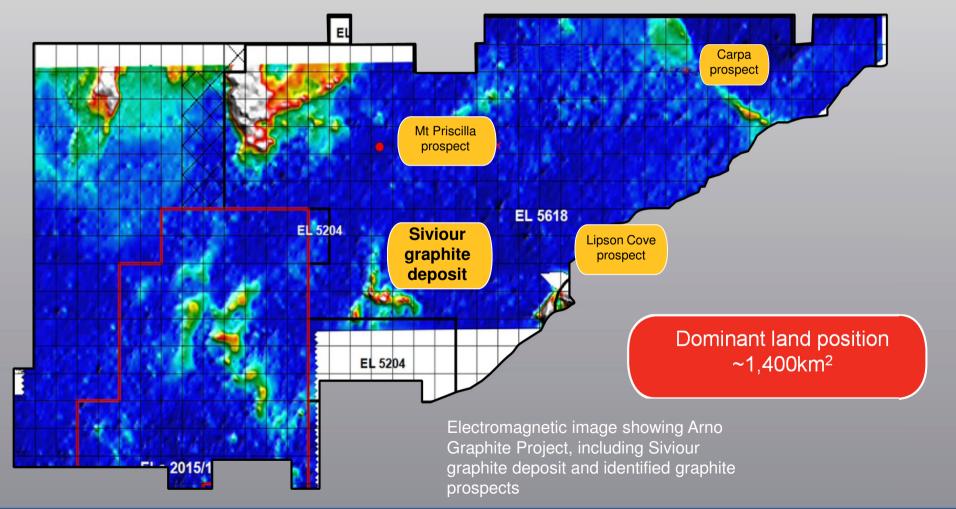


Eyre Peninsula: established infrastructure

# Arno graphite project



Multiple graphite prospects –first drill program (Jan 2016) leads to Siviour discovery



#### **Renascor** Resources

# Siviour graphite deposit

# Australia's largest graphite deposit

JORC-compliant Mineral Resource of **16.8Mt** @ **7.4% TGC for 1,243,200t** of contained graphite

High-grade portion: **5.9Mt** @ **10.0% TGC for 590,000t** of contained graphite

JORC Mineral Resource Estimate by Optiro Pty Ltd – independent internationally recognised mining consultants

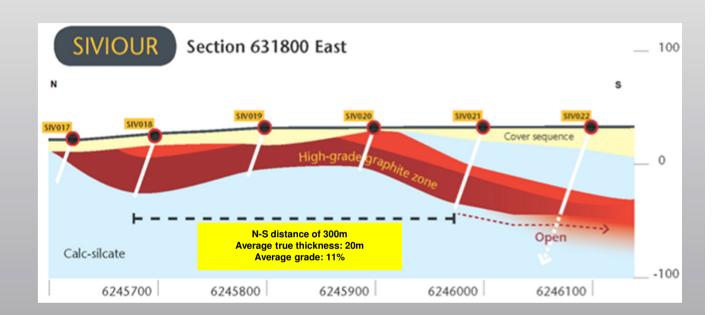
Open along-strike

# High-quality flake graphite

Petrology shows over 80% in the high-value super-jumbo (+500µm), jumbo (+300µm) and large (+180µm) categories

### **Scoping study**

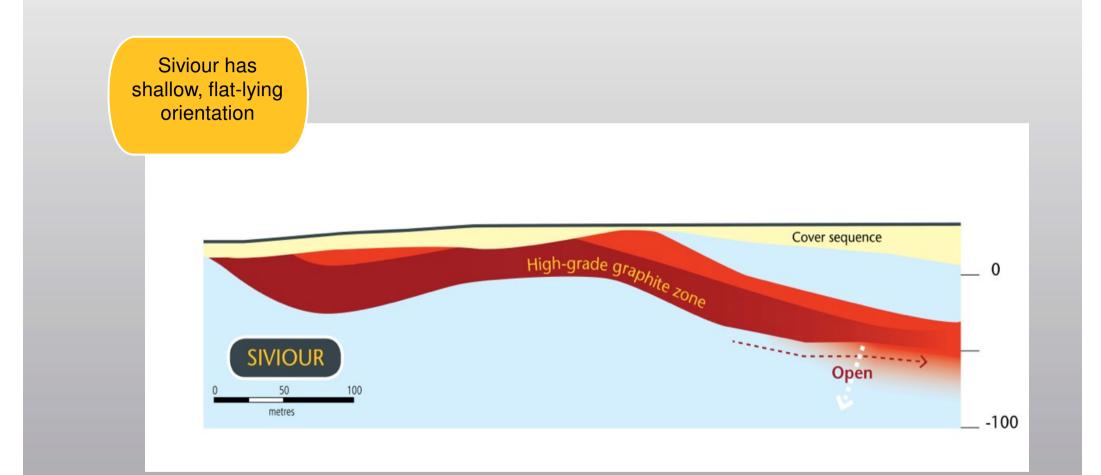
Declaration of JORC resource provides basis for scoping study – expected 3Q 2016







## Siviour deposit – flat-lying and near-surface

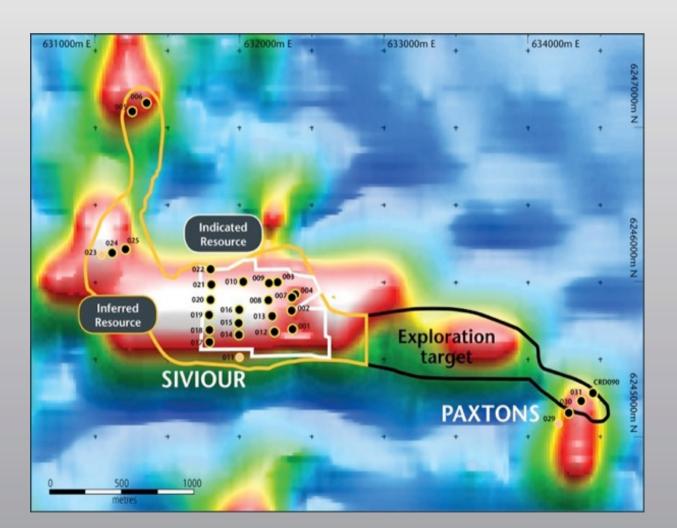


Siviour prospect: Geological cross-section for north-south Section 631800E, showing graphite-mineralised zones

## Siviour deposit – flat-lying and near-surface Siviour offers lowerstrip ratio, less waste, more efficient mining Kookaburra Gully (Lincoln Minerals) Uley pit 2 (Valence Industries) Campoona shaft (Archer Exploration) High-grade grap 0 SIVIOUR Open 50 100 metres -100

Siviour prospect: Geological cross-section for north-south Section 631800E, showing graphite-mineralised zones

## Siviour – Ample scope to grow resource



Category	Mineralisatio n (Mt)	TGC	Contained graphite (t)
Indicated	6.8	8.1%	550,800
Inferred	10.0	6.9%	690,000
Total	16.8	7.4%	1,243,200

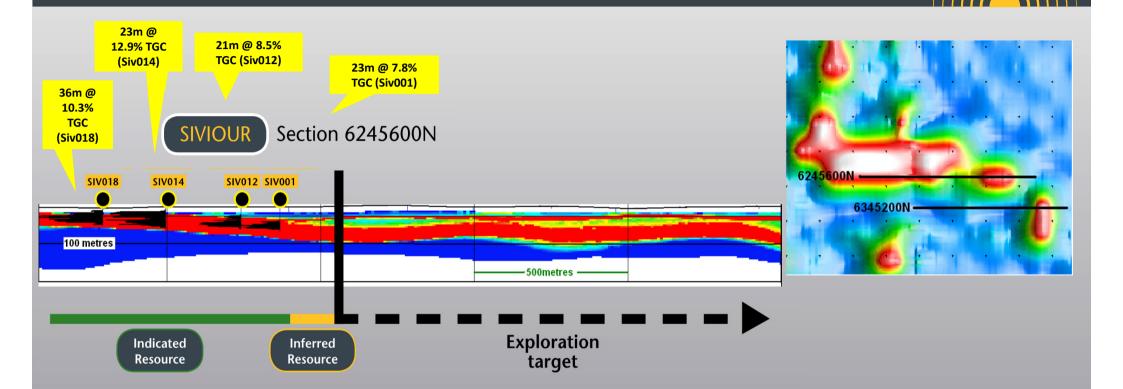
# Siviour remains open at shallow depths

Exploration Target defined to immediate east

Open to north of Inferred Resource Additional scope to expand at Paxtons

> Electromagnetic image showing Indicated and Inferred Resources, Exploration Target and drill hole locations

# Siviour – Exploration Target area

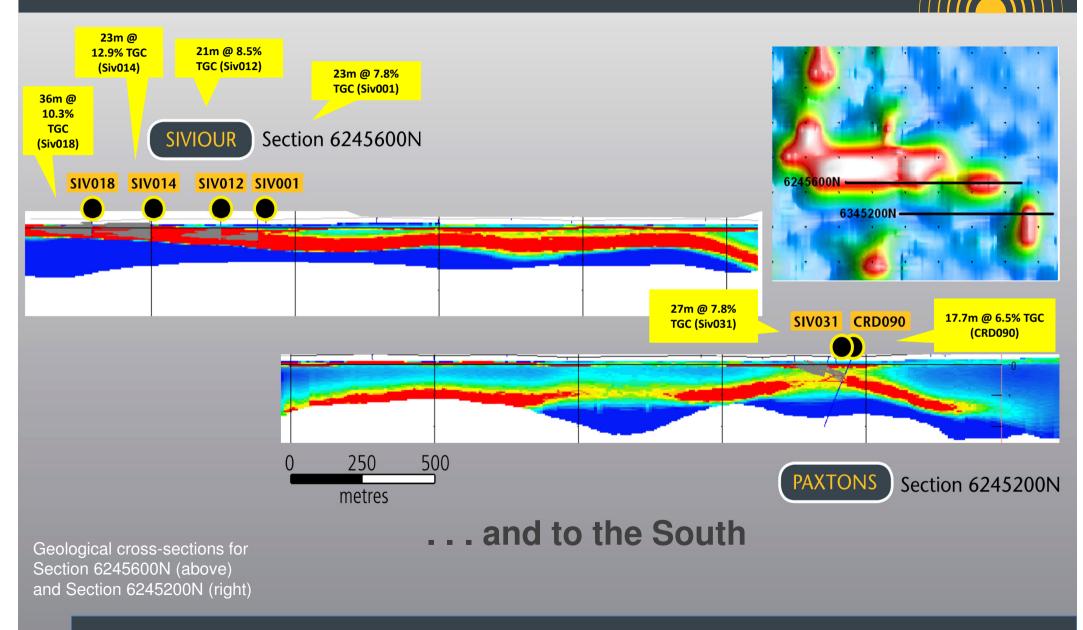


# High potential to immediately expand resource to the East

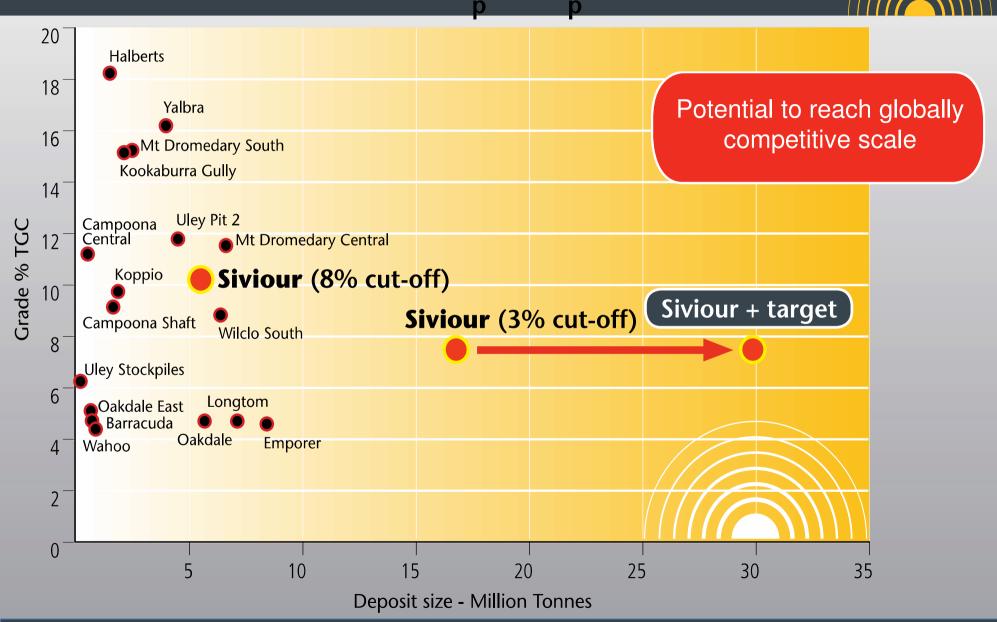
Geological cross-sections for Section 6245600N

Drilling expected to commence this quarter

# Siviour – Additional expansion area



# Siviour versus other Australian graphite deposits



**Renascor** Resources

## Arno Graphite Project – flake size

### Petrological testing shows abundance of flake graphite at Siviour

### High proportion of coarse flake

Siviour high-grade drill samples return:

- 62% in super-jumbo (+500μm) category
- Up to 1,600μm

Strong basis for producing high quality concentrate at Siviour Comprehensive mineral processing test work, including sighter test work on representative samples from Siviour, to commence this quarter



Petrographic images from Siv014 (17m to 18m)



# Arno Graphite Project – metallurgy

# Positive preliminary metallurgy tests at adjacent Paxtons prospect

# Simple bench flotation and gravity tests yield positive initial results

- 87% recoveries
- Up to 94.9% purity of concentrates
- Super-jumbo (600µm) graphite

Comprehensive mineral processing tests at Siviour to commence this quarter

> Ample scope to deliver high quality product



Extra large coarse flakes (>>600µm) from diamond core hole (CRD090) at Siviour prospect



# Arno Graphite Project - Conclusions

### Siviour is large and growing

Australia's largest graphite deposit, with potential to be reach globally competitive scale

## **High-quality coarse flake graphite**

High proportion of valuable jumbo and super-jumbo flake from petrological samples

## **Potential production from Australia**

Offers diversity of supply

## **Multiple near-term catalysts**

Siviour is a new discovery, with upcoming work programs offering immediate opportunities for value enhancement



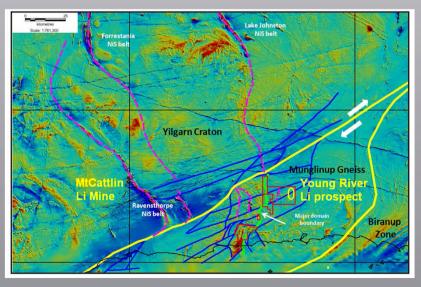


# Munglinup Project – lithium and graphite

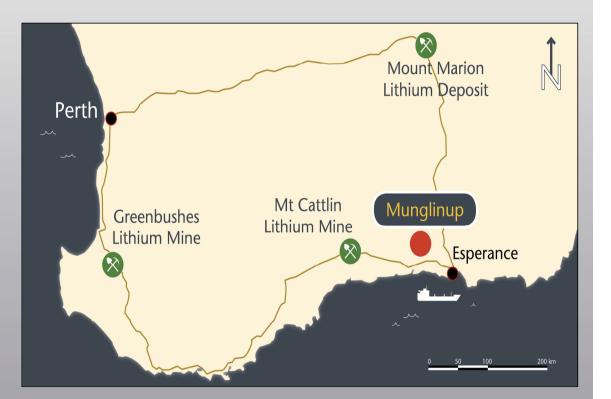
## High upside potential from lithium and graphite prospects

Young River lithium prospect – elevated lithium in Archean greenstone belt adjacent to Mt Cattlin lithium mine

Drill-ready EM targets adjacent to highgrade Halbert's graphite deposit



Regional aeromagnetic image with interpreted greenstone trends (Western Mining Services, 2013)



Significant lithium mines and deposits in relation to Renascor's Munglinup Project

**Renascor** Resources

# **Other Projects**



### Project portfolio includes additional high-upside exploration projects

### Eastern Eyre -- Copper

Advance large-scale copper prospect, with results including13m at 1.45% Cu, 66 ppm Ag and 0.17% Co

## **Olary**<sup>\*</sup> – Lithium/Gold

Elevated lithium in outcropping pegmatites Shallow, oxide-gold targets

### Warrior and Frome -- Uranium

Historic uranium project discovered by PNC Exploration

Four Mile-style sandstone-hosted uranium

\* Renascor had previously entered sale agreements to dispose of the Olary project tenements, however, Renascor terminated those agreements in April 2016



# Offer details

**Placement** 



Capital raising to raise a total of \$1.1 million via a Placement and a Conditional Placement:

### Placement

Placement of approx. 47.4 million ordinary shares (New Shares) at an issue price of A\$0.015 per New Share to raise approx. A\$711,000

For every 4 New Shares subscribed for, investors will receive 1 free attaching listed option, exercisable at A\$0.03 per share until 30 September 2016 (Free Options)

### **Conditional Placement**

Directors, management and other investors have undertaken to subscribe for an additional 25.9 million ordinary shares, raising an additional A\$389,000 on the same terms and conditions as per the Placement, subject to approval at RNU's upcoming EGM.

### **Issue price represents:**

- 11.8% discount to the last traded price
- 19.6% discount to the 5 day VWAP
- 17.0% discount to the 30 day VWAP (excluding the value of the Free Options)

# Use of funds through to September 2016



Sources	\$AUD	
Available cash as at 31 March 2016	495,000	
Placement offer proceeds	711,000	
Conditional Placement offer proceeds	389,000	
Total	1,595,000	
Use of funds (\$AUD)		
Exploration and drilling activities at Siviour	270,000	
Broader exploration (Munglinup)	75,000	
Mineral process test work	260,000	
Scoping study	100,000	
Corporate, finance and administration	220,000	
Expenses of the offer	55,000	
Working capital	615,000	
Total	1,595,000	

# Forward Work Program



# Funds from the Offer will be primarily be used to fast-track Siviour through development and into production



High-grade graphite at Arno Renascor option to purchase Resource delineation drill program Flake size and purity Initial JORC resource

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Drilling to expand resource Mineral processing testing Scoping study

NB. An initial core drill program will be commenced imminently which will determine the further stage drilling required.



Offtake Permitting Feasibility Construction Production

# **Proposed Offer Timetable**



Event	Timing
Trading Halt	9 May 2016
Company announces Placement	(Pre-market) 11 May 2016
Settlement of Placement Shares	5pm Fri 13 May 2016
Allotment and quotation of Placement Shares and Placement Options	17 May 2016
EGM to approve Conditional Placement	Mid – late June 2016 (TBC)
Settlement of Conditional Placement securities	Within 5 business days of EGM
Expected date of ASX quotation of Conditional Placement Shares	Within 3 business days of settlement

Please note this is an indicative timetable only, the timetable may change without consultation with you. Unless otherwise specified, all times above are references to Brisbane, Australia time.

## **Investment** Risks



An investment in Renascor has associated risks, some are general in nature and others are peculiar to Renascor's business. The Company's financial condition, operational results and share price (and thus the value of an investor's holding) could be materially adversely affected by the occurrence of any of the risks associated with the business. Some of the key risks are outlined below, however, this should not be considered exhaustive of the risks faced by Renascor and its investors.

### **Resource Estimation and Exploration Risks**

Renascor's mineral deposits are estimates only and no assurance can be given that any particular recovery level of graphite or other mineral will in fact be realised. Renascor's estimates comply with the JORC Code, however Inferred, Indicated and Mineral Resources and Ore Reserves are expressions of judgement based on knowledge, experience and industry practice, and may require revision based on actual production experience. Estimates and exploration activities are speculative by nature.

### **Operating and Development Risks**

There are significant risks associated with developing a mine. The ability of Renascor to achieve production targets, meet operating and capital expenditure estimates on a timely basis cannot be assured. Development and expansion projects may require approvals, permits or licences that may not be received on a timely basis, on acceptable terms or at all. In addition, decisions regarding development and expansion projects may be subject to the successful outcome of operational reviews, test work, studies and trial mining. A negative result or delay could have an adverse effect on Renascor's financial and operational performance.

### **Deal Completion and Tenure Status Risk**

Presently, Renascor has earn in rights to acquire, initially, a 20% interest in Eyre Peninsula Minerals Pty Ltd (EPM), which holds an option over the Arno Graphite Project. Subject to receipt of shareholder approval and other conditions being met, Renascor may increase its interest in EPM to 49% and then to 100%. There is no guarantee that Renascor will acquire such rights in EPM or exercise the option to acquire the project. Renascor previously entered into agreements to sell its Olary tenements which have recently been terminated by Renascor. Renascor considers it has lawfully terminated the agreements, however, the contracting party may seek to enforce the contract or take other action. Additionally, Renascor, like any other business, regularly deals with and contracts with third parties. There is no guarantee that third parties will perform, satisfy all obligations, do so on time and otherwise proceed in accordance with agreed terms, act in good faith or reasonably in resolving any disputes.

# Investment Risks (continued)

### **Financial Performance**

Renascor is a mineral explorer. The Company will not generate revenue until it can commercially mine its mineral deposits or enters into agreements with others to do so. Consequently, until Renascor is able to realise value form its projects, Renascor will incur ongoing operating losses.

### **Funding Risks**

Subject to successful completion of the capital raising, it is expected that Renascor will have sufficient funding to support its operations. However, Renascor will require additional funding to progress its projects beyond the planned development and other work programs outlined to date. There is no assurance that Renascor will be able to access future funding on favourable terms or at all. Similarly, Renascor's ability to provide statutory and environmental assurances and commercial undertakings in the ordinary course of its operations is subject to external financial and credit market assessments, and its own financial position from time to time.

### **Market Fluctuation and Economic Risks**

Share market volatility and macroeconomic conditions beyond any company's control may affect listed securities regardless of actual operating or financial performance. Investor confidence, the global and national economic outlook and conditions, changes in commodity prices and currency exchange rates (particularly the Australian/US dollar), the demand for graphite and graphite products may negatively affect Renascor's financial performance and/or share price.

### **Government Policy Changes**

Government policies with respect to taxation, competition, environmental, natural resources and land rights issues are subject to review and changes from time to time. At present, Renascor is not aware of any reviews or changes that would affect its tenements or capacity to explore and mine, there is a risk that such changes may affect Renascor, its tenements and its financial position (increase expenditures).

### **Environmental Risk**

Renascor's exploration and mining activities are expected to have an impact on the environment which must be carefully managed. It is Renascor's intention to comply with all environmental laws and regulations, however, accidents and other unforeseen events can occur which may adversely affect the Company and its financial position.