For personal use only

RENASCOR RESOURCES

ASX: RNU

ASX Release

9 March 2021

Australian Government Committed to the Downstream Processing of Critical Minerals within Australia

Renascor Resources identified as a "Selected Australian critical minerals project" in the Australian Government's Resources Technology and Critical Minerals Processing National Manufacturing Priority Road Map

Highlights:

- Renascor Resources (ASX: RNU) ("**Renascor**") welcomes the Australian Government's commitment to the downstream production of critical minerals in Australia after the release of the 'Resources Technology and Critical Minerals Processing National Manufacturing Priority road map' ("**Road Map**").
- The Road Map identifies Renascor's Siviour graphite deposit as one of two selected Critical Minerals projects located in South Australia[1].
- Renascor's Siviour deposit in South Australia contains the largest reported Ore Reserve of Graphite outside of Africa, and the second largest Proven Reserve in the world[2].
- Renascor's Siviour Battery Anode Material Project in South Australia comprises the Siviour Graphite Mine and Concentrator and the downstream production of 28,000tpa (Stage 1) of high value Purified Spherical Graphite for sale directly into the lithium-ion battery supply chain.
- Renascor is on track to become the world's first integrated, in-country mine and Purified Spherical Graphite operation outside of China.

Renascor Resources Limited (ASX: RNU) ("**Renascor"**) welcomes the Australian Government's commitment to the downstream production of Critical Minerals in Australia after the release of the 'Resources Technology and Critical Minerals Processing National Manufacturing Priority road map' ("**Road Map**").

The Road Map highlights key strategic areas of opportunity and actions for government and industry to work together to lift manufacturing and critical minerals downstream processing capability and provides guiding principles for the Australian Government's A$140 million Modern Manufacturing Initiative Translation and Integration grant funding scheme.

The Road Map identifies Renascor Resource's graphite deposit as one of two selected critical minerals projects located in South Australia[3].

For personal use only

Renascor's Siviour Battery Anode Material Project located in South Australia comprises the Siviour Graphite Mine and Concentrator and the downstream 28,000tpa (Stage 1) Purified Spherical Graphite ("**PSG**") production facility. The Project is underpinned by Renascor's 100%-owned Siviour graphite deposit in South Australia, the largest reported Ore Reserve of Graphite outside of Africa, and the second largest Proven Reserve in the world[4].

As a developer of an integrated Critical Minerals downstream processing facility, Renascor is completely aligned with Australian Government policy.

Renascor Managing Director David Christensen stated:

> *"The commitment of the Australian Government to the downstream processing of Critical Minerals in Australia provides Renascor additional confidence in our strategy of integrating our world-class Siviour Graphite mine and concentrator with a downstream PSG manufacturing facility.*
>
> *Renascor is uniquely advantaged by virtue of our globally competitive, Tier One Siviour Graphite Deposit and our location in Australia. We believe that these factors combine to permit Renascor to provide security of supply, to create higher value manufacturing jobs and to capture downstream value in Australia through the production of PSG for sale directly into the electric vehicle raw material supply chain."*

Graphite is a critical mineral as defined by the Australian Commission for Trade and Investment ("**Austrade**") with its vitally important role in the manufacture of lithium-ion batteries, and the decarbonisation of transportation.

The Road Map outlines the Australian Government's vision that:

- Australia will become a global centre for commercialising and manufacturing cutting-edge technology products and services for the global resources sector that benefit a range of other industries; and
- Australia will have a strategic critical minerals processing industry that captures significant additional value, strengthens our global position downstream from our resource endowments and underpins a range of advanced manufacturing opportunities.

Applications have now opened for grants to support manufacturing projects in the Resources Technology and Critical Mineral Processing sectors as part of the greater $1.3 billion Modern Manufacturing Initiative, and Renascor intends to apply for assistance under the program.

Renascor's identification in the Road Map as a selected critical minerals project is not a commitment from the Government to provide funding nor an indication that any grant application would ultimately be successful.

This ASX announcement has been approved by Renascor's Board of Directors and authorised for release by Renascor's Managing Director David Christensen.

For further information, please contact:

David Christensen
Managing Director
+61 8 8363 6989
info@renascor.com.au

Bibliography

1. Renascor ASX announcement dated 21 July 2020, "Updated Mineral Ore Reserve Estimate"
2. Renascor ASX announcement dated 1 July 2020, "Renascor Announces Battery Anode Manufacturing Operation"

Disclaimer

Renascor confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. Renascor confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

This report may contain forward-looking statements. Any forward-looking statements reflect management's current beliefs based on information currently available to management and are based on what management believes to be reasonable assumptions. It should be noted that a number of factors could cause actual results, or expectations to differ materially from the results expressed or implied in the forward-looking statements.

For personal use only

For personal use only

Appendix

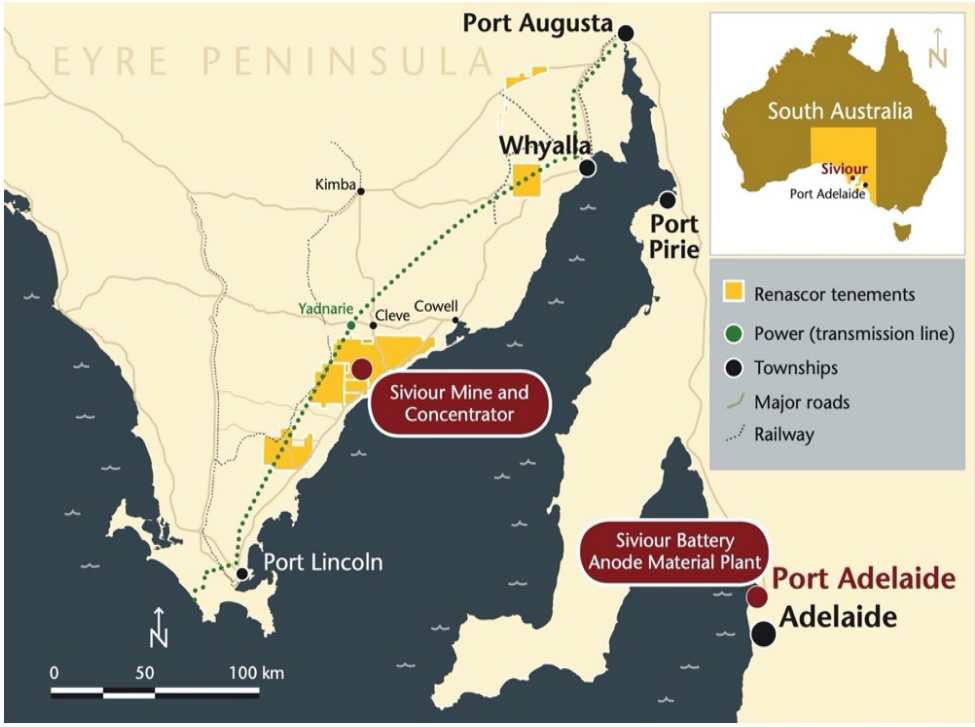
The World-Class Siviour Graphite Project

Renascor Resources Limited (**ASX: RNU**) ("**Renascor**") is a 'Critical Mineral' project developer and minerals explorer with a portfolio of 100%-owned, high-upside assets in key minerals districts in South Australia.

Renascor presents an opportunity for Australia to leverage a world-class graphite Reserve and plug-in to the global electric vehicle ("**EV**") revolution via downstream manufacturing of high-value Purified Spherical Graphite for use in EV batteries.

Renascor is developing a vertically integrated Battery Anode Material Manufacturing Operation in South Australia. The Project comprises:

- **the Siviour Graphite Deposit** - the world's second largest Proven Reserve of Graphite and the largest Graphite Reserve outside of Africa;[5]
- **the Siviour Graphite Mine and Concentrator** - a conventional open-pit mine and crush, grind, float processing circuit delivering world-class operating costs in large part due to the favourable geology and geometry of Renascor's Siviour Graphite Deposit; and
- **a Purified Spherical Graphite ("PSG") Production Facility** - where Graphite concentrate will be converted to PSG using an eco-friendly processing method before being exported to Lithium-ion battery anode manufacturers.



Supporting ESG objectives

HF-free

Figure 1: Siviour Battery Anode Material Project location.

Supported by:

Australian Government | export finance australia | Government of South Australia | cefc | AUSTRADE | District Council of Cleve | Regional Development Australia Eyre Peninsula Inc.

For personal use only

The 100% Renascor owned Siviour Graphite deposit is unique in both its near-surface, flat-lying orientation and its scale as one of the world's largest graphite Reserves. The favourable geology and size of the deposit will allow Renascor to produce Graphite Concentrate at a low-cost over a 40-year mine life.

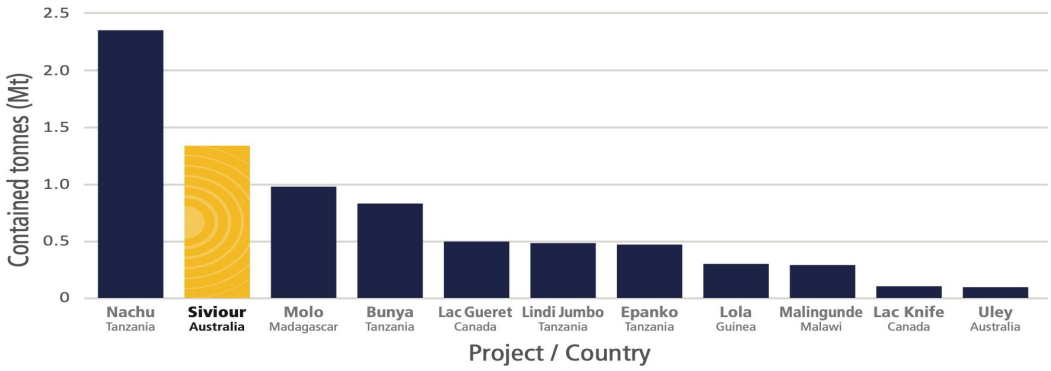


Figure 2. Global graphite Proven Reserves

Renascor intends to leverage this inherent advantage and develop a vertically integrated operation to manufacture high value PSG from a low-cost graphite concentrate feedstock and provide a secure cost-competitive supply of battery anode raw material into the rapidly growing Lithium-ion battery market.

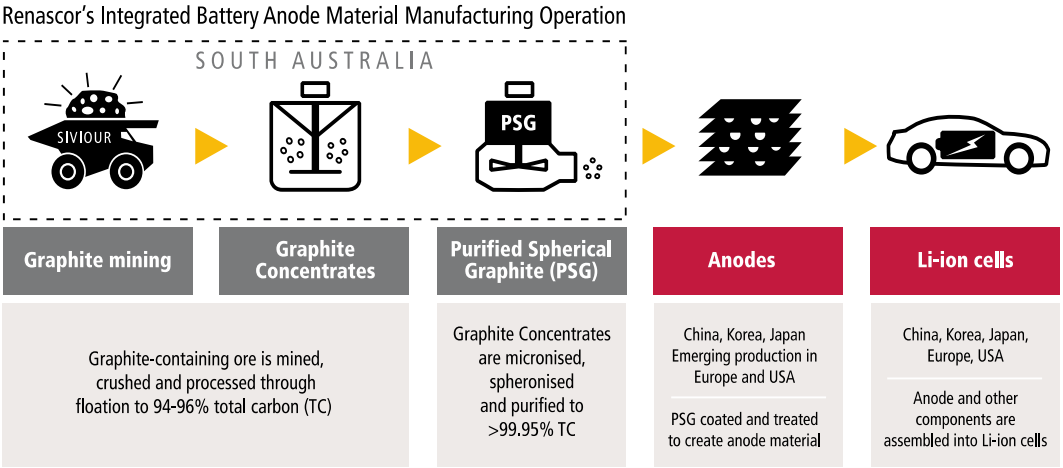


Figure 3: Renascor's vertically integrated Mine and Concentrator and Downstream PSG production facility within the Electric Vehicle supply chain.

[1] https://www.industry.gov.au/sites/default/files/March%202021/document/resources-technology-and-critical-minerals-processing-national-manufacturing-priority-road-map.pdf , page 10.
[2] See Renascor ASX release dated 21 July 2020.
[3] https://www.industry.gov.au/sites/default/files/March%202021/document/resources-technology-and-critical-minerals-processing-national-manufacturing-priority-road-map.pdf , page 10.
[4] See Renascor ASX release dated 21 July 2020.
[5] See Renascor ASX release dated 21 July 2020.