



Ventnor Resources Limited

15 August 2018

ASX ANNOUNCEMENT

Arrowsmith Silica Sand Project Update

Highlights:

- **Programme of Work (PoW) granted on two tenements**
- **Additional Exploration Licence (EL) granted**
- **Fifth EL application submitted**
- **Maiden Mineral Resource estimation underway**

Ventnor Resources Limited (**Ventnor** or **Company**) (ASX: VRX) is pleased to announce progress on its Arrowsmith Silica Sand Project (**Arrowsmith Project**).

The Arrowsmith Project is broken down into 3 smaller project areas, namely Arrowsmith North, Central and South. The Department of Mines, Industry and Safety (**DMIRS**) has granted a Programme of Work (**PoW**) for exploration on both Arrowsmith North (E70/5076) and Arrowsmith Central (E70/4987) prospects.

Drilling will commence in September subject to the ground drying out in compliance with the Company's Dieback Management Plan. This Plan, which has been accepted by DMIRS and added to the tenement conditions for the PoW areas, requires drilling to be undertaken in dry conditions.

Ventnor's application for Exploration Licence E70/5109 was granted on 14 August 2018. Ventnor has also applied for an additional Exploration Licence (ELA70/5197) covering an area of 8.5 km² at the Arrowsmith Project that complements and is contiguous with the existing holding.

The Arrowsmith Project now comprises 4 granted exploration licences and one new application covering a total area of approximately 379 km².

CSA Global has been engaged to estimate a JORC-2012 compliant Maiden Mineral Resource for the Arrowsmith North and Central areas, utilising the existing hand auger data. The Company expects this will be estimated to an Inferred level of confidence and completed in the current calendar quarter.

Ventnor Managing Director, Bruce Maluish said: "*The approved POW now allows us to undertake drilling programmes targeting a JORC-2012 compliant Mineral Resource to an Indicated category.*"

"In addition to the Mineral Resource estimations, drilling, assays and a third iteration of testwork are expected to be completed before the end of the year and will all contribute to a near term Feasibility Study on the Arrowsmith Silica Sand Project."

ASX: VRX

Capital Structure

Shares on Issue:
306.2 million

Unlisted Options:
21.25 million

Corporate Directory

Paul Boyatzis

Non-Executive Chairman

Bruce Maluish

Managing Director

Peter Pawlowitsch

Non-Executive Director

John Geary

Company Secretary

Company Projects

Arrowsmith Silica Sand Project, 270km north of Perth, WA.

Muchea Silica Sand Project, 50km north of Perth, WA.

Biranup base metals and gold Project adjacent to the Tropicana Gold Mine, WA.

Warrawanda Nickel Project south of Newman, WA.

The Company is actively assessing other projects in Australia.

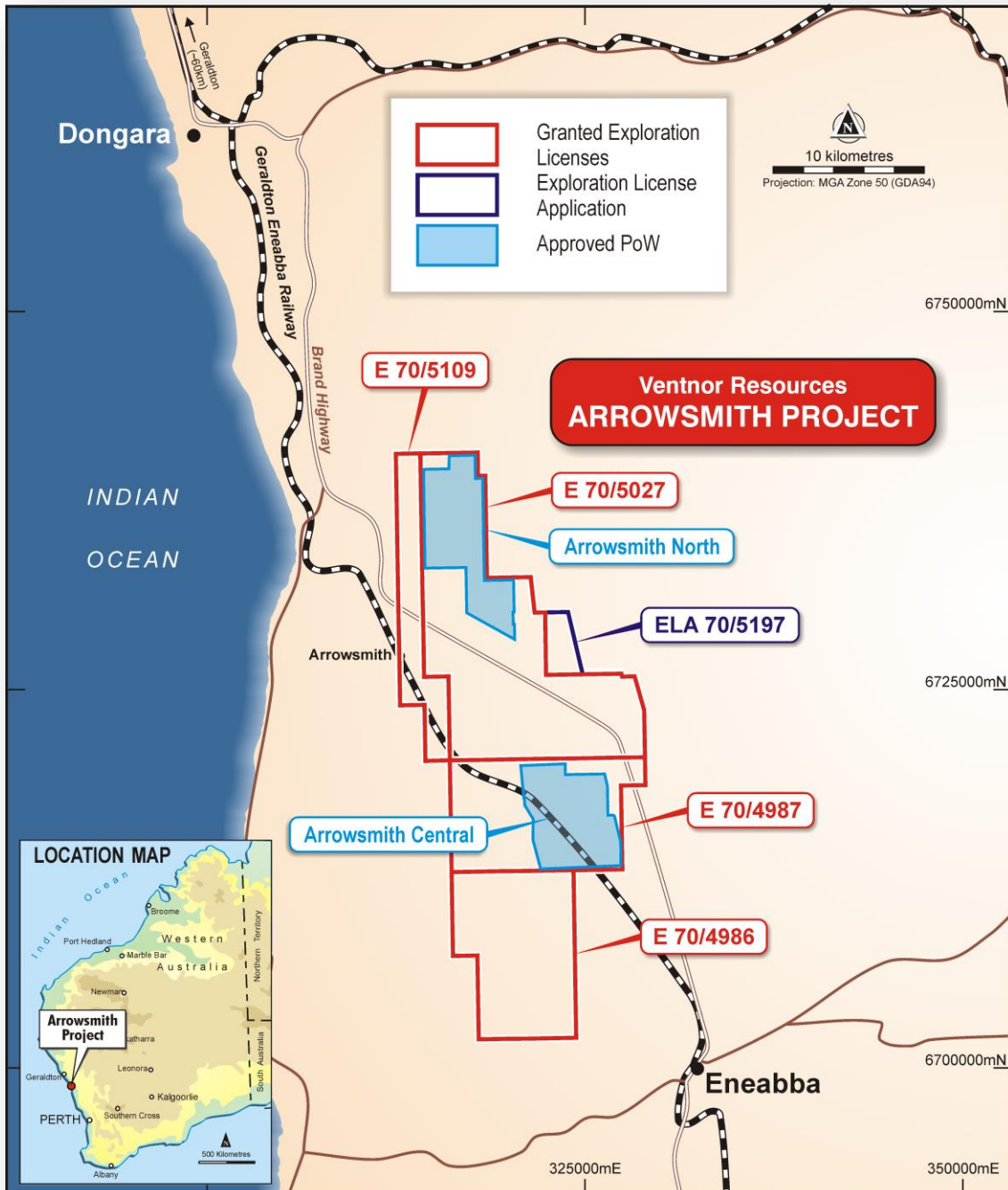
Level 1, 6 Thelma Street, West Perth WA 6005

t: +61 8 9226 3780 f: +61 8 9226 3764 e: info@ventnorresources.com.au www.ventnorresources.com.au

ABN 59 142 014 873

The Company has conducted preliminary testwork programs that indicate the deposits at the Arrowsmith Project can be upgraded to glassmaking silica sand requirements. A further iteration of testwork is underway, which will facilitate the determination of final products and finalisation of the proposed processing circuit design.

The Company has previously undertaken desktop environmental studies on the Arrowsmith Project areas and planning is underway to commence the spring-time flora and fauna studies that will support a referral to the relevant environmental authorities prior to a Mining Proposal.



Arrowsmith Silica Sand Project Location

Level 1, 6 Thelma Street, West Perth WA 6005

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The Company has estimated **Exploration Targets** for the Arrowsmith Project as follows:

Area	Tonnes (Mt)		Grade SiO ₂	
	Low	High	Low	High
Arrowsmith North	100	140	95%	98%
Arrowsmith Central	40	70	95%	98%
Total	140	210	95%	98%

The potential quality and grade of these Exploration Targets are conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource; it is uncertain if further exploration will result in the estimation of a Mineral Resource.

These estimations are based on:

Arrowsmith North Exploration Target

- Exploration Target area 3,600 ha
- 1.6t/m³ in situ bulk density
- Between 40% and 50% of area contains high grade silica sand
- Depth of high grade sand 4 to 5 metres

Arrowsmith Central Exploration Target

- Exploration Target area 3,000 ha
- 1.6t/m³ in situ bulk density
- Between 40% and 50% of area contains high grade silica sand
- Depth of high grade sand 2 to 3 metres

Auger drilling in the Exploration Target areas has been completed and is adequate for a JORC-2012 compliant Maiden Mineral Resource estimate but further Aircore drilling is planned for mid to late September 2018 to upgrade the level of confidence and increase the Resource by drilling deeper than the hand-held auger.

Tenements for the Arrowsmith Project are summarised below:

Tenement	Holders	Grant Date	Expiry Date	Area (km ²)
E70/4986	Ventnor Mining Pty Ltd	06/04/2018	05/04/2023	80.5
E70/4987	Ventnor Mining Pty Ltd	06/04/2018	05/04/2023	86.5
E70/5027	Ventnor Mining Pty Ltd	14/06/2018	13/06/2023	167.3
E70/5109	Ventnor Mining Pty Ltd	14/08/2018	14/08/2023	35.9
ELA70/5197	Ventnor Mining Pty Ltd	03/08/2018*		8.5
*Application Date			Total	379km ²

Competent Person's Statement

The information in this release that relates to exploration results and exploration targets is based on, and fairly represents, information compiled by Mr David Reid who is a Member of the Australian Institute of Geoscientists (MAIG). Mr Reid is a contractor to Ventnor Resources Limited. Mr Reid 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 "2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves."

Mr Reid consents to the inclusion in this release of the matters based on information provided by him and in the form and context in which they appear.

Further information:

Bruce Maluish
Managing Director
Ventnor Resources
0418 940 417

Andrew Rowell
Cannings Purple
arowell@canningspurple.com.au
0400 466 226

About Ventnor

Ventnor Resources Ltd (**Ventnor**) (ASX: VRX) has significant silica sand projects in Western Australia.

The Arrowsmith Silica Sand Project, located 270km north of Perth, comprises four granted exploration licences (**EL**) and one EL application, with initial testwork focusing on confirming that the sand can be upgraded to glass-making quality.

The Muchea Silica Sand Project, located 50km north-east of Perth comprises one granted EL and one EL application, and complements the Arrowsmith Silica Sands Project. It holds additional silica sand resources that are potentially extensive and of high quality.

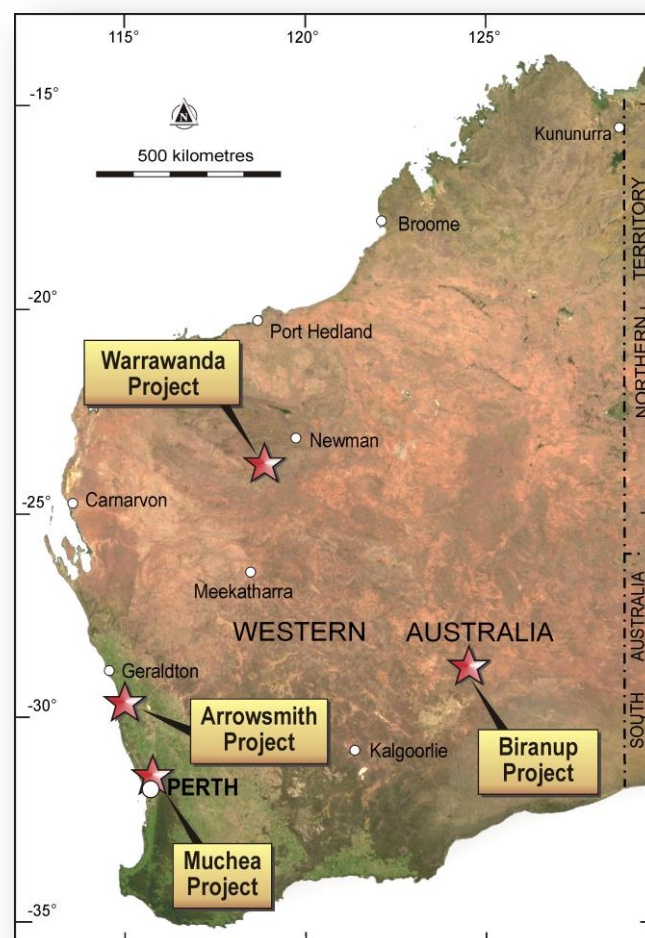
Ventnor also has granted tenements adjacent to the Tropicana Gold Mine in WA that are prospective for gold and base metals (Biranup Project), with prospects identified following an extensive review of historical data.

Also in Western Australia, 40km south of Newman, is Ventnor's Warrawanda Nickel Project, which is prospective for nickel sulphides.

Proven Management

Ventnor's Board of Directors has extensive experience in mineral exploration and production, and in the management of publicly listed mining and exploration companies.

Project Locations



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