

The following is a summary of the activities of Ventnor Resources Limited (ASX: VRX) (**Ventnor** or the **Company**) for the quarter ending 30 June 2018.

## Exploration

## Muchea

During the June quarter, (5 April 2018) Ventnor released results from its preliminary due diligence drilling program over the Muchea Silica Sand Project which is located on tenement E70/4886 (refer Figure 1 below), located in the Muchea area, 50km north of Perth.



#### Figure 1: Muchea Silica Sand Project Location

As part of its initial due diligence investigations into Tenement E70/4886, Ventnor conducted an aircore (**AC**) and hand auger drilling program within the Tenement area to confirm the potential of the project as indicated by previous work undertaken by Australian Silica.



Ventnor's drilling included 46 aircore holes for 522 metres and 43 hand auger holes for 249 metres with an average intercept grade of 99.5% SiO<sub>2</sub>.

The results of the preliminary due diligence drilling program have confirmed the results provided by Australian Silica and also that this project has the potential for a very large high-grade silica sand resource.

Included in Ventnor's due diligence investigations, the Company commenced a testwork program to ascertain the potential products that could be produced and marketed from the project and undertook an environmental desktop study.

The targeted silica sand deposits are the aeolian sand dunes that overlie the Pleistocene limestones and paleo-coastline, which host the Gingin heavy mineral deposits.

Figure 2 below is a schematic section showing the silica sand dune that is targeted for exploration. The targeted dune is the area above the surrounding natural surface and well above the standing water table.



#### Figure 2: Schematic section of Silica Sand Dune Exploration Target

Detailed information on the Muchea Silica Sand Project has been included in the Company's ASX announcement on 05 April 2018.

#### Arrowsmith

On 12 April 2018 Ventnor announced the first two tenements had been granted at its Arrowsmith Silica Sands Project, located 270km north of Perth, Western Australia. The two tenements comprise the Arrowsmith Central and Arrowsmith South prospects which form part of the Arrowsmith Silica Sand Project area.

Figure 3 below shows a map of the Project area.





Figure 3 – Arrowsmith Project Location

On 22 June 2018 Ventnor announced a further tenement had been granted at the Arrowsmith Silica Sand Project, located 270km north of Perth, Western Australia. The tenement, E70/5027covers the Arrowsmith North project area and comprises 56 blocks.

The final tenement application (ELA70/5109) is expected to be granted in the September 2018 quarter.

Ventnor has lodged PoW's for exploration approval on the tenements to enable a JORC compliant Resource drilling program to be undertaken in the September 2018 Quarter. The three contiguous granted tenements covering the Arrowsmith North, Central and South project areas have a total granted area of 112 blocks or approximately 360km<sup>2</sup>.

The Arrowsmith area potentially has low environmental impact mining propositions; with well established rehabilitation techniques in the nearby mineral sands industry.



Tenement	Holders	Application Date	Grant Date	Area (BL)
E70/4986	Ventnor Mining Pty Ltd	25/05/2017	06/04/2018	27
E70/4987	Ventnor Mining Pty Ltd	25/04/2017	06/04/2018	29
E70/5027	Ventnor Mining Pty Ltd	29/08/2017	06/06/2018	56
ELA70/5109	Ventnor Mining Pty Ltd	02/01/2018	Pending Grant	12

Tenement details for the entire Arrowsmith Silica Sand Project are below in Table 1:

Table 1 – Arrowsmith Silica Sand Project Tenement Details

# **Corporate Events**

On 2 February 2018, ASX suspended the Company's securities from trading at the request of the Company. As per the Company's announcement dated 30 July 2018 the Company is working with the ASX to enable to recommencement of trading in the Company's Shares as soon as possible.

## Interests in Mining Tenements as at 30 June 2018

# WESTERN AUSTRALIA

# Arrowsmith Project – Silica

Tenement	Status	Interest at beginning of quarter (%)	Interests relinquished, reduced or lapsed (%)	Interests acquired or increased (%)	Interest at end of quarter (%)
E70/4986	Granted	100	-	-	100
E70/4987	Granted	100	-	-	100
E70/5027	Granted	100	-	-	100
ELA70/5109	Application	-	-	100	100

### Muchea Project – Silica

Tenement	Status	Interest at beginning of quarter (%)	Interests relinquished, reduced or lapsed (%)	Interests acquired or increased (%)	Interest at end of quarter (%)
ELA70/5157	Application	-	-	100	100

## Warrawanda Project - Nickel

Tenement	Status	Interest at beginning of quarter (%)	Interests relinquished, reduced or lapsed (%)	Interests acquired or increased (%)	Interest at end of quarter (%)
E52/2372	Granted	100	-	-	100
E52/3447	Granted	100	-	-	100

## **Biranup Project – Base Metals/Gold**

Tenement	Status	Interest at beginning of quarter (%)	Interests relinquished, reduced or lapsed (%)	Interests acquired or increased (%)	Interest at end of quarter (%)
E39/1828	Granted	100	-	-	100
E38/3191	Granted	100	-	-	100
E39/2000	Granted	100	-	-	100
E39/2001	Granted	100	-	-	100
E39/2003	Granted	100	-	-	100
ELA38/3294	Application	100	-	-	100