**BUILDING A** SIGNIFICANT CRITICAL **MINERALS BUSINESS** 

**5 OCTOBER 2023** 

# **ASX ANNOUNCEMENT**

ASX: STA

# FIRST SALE OF ZIRCON IN CONCENTRATE CONTRACTED AS OPERATIONAL IMPROVEMENTS **CONTINUE AT COBURN MINERAL SANDS PROJECT**

Continued focus on ramping up production and achieving mineral separation into final valuable critical mineral products

## HIGHLIGHTS

- Modifications to the Wet Concentrator Plant (WCP) completed resulting in significant improvements in product quality
- Mineral Separation Plant (MSP) now producing Standard Grade Zircon
- First shipment of 15,000 tonnes of Zircon in Concentrate (ZIC) scheduled in October
- Second shipment of a minimum of 5,000 tonnes of Chloride Ilmenite scheduled in October
- MSP processing of Heavy Mineral Concentrate (HMC) is ongoing, currently producing Chloride Ilmenite, Standard Grade Zircon and ZIC

Strandline Resources Limited (ASX: STA) (Strandline or the Company) is pleased to provide an update on operations and ongoing improvement initiatives at its Coburn Mineral Sands Project in Western Australia.

Strandline Managing Director Jozsef Patarica said: "The team is making significant progress in delivering our improvement initiatives, which are improving both productivity and product quality.

"The recent WCP modification work has resulted in a significant improvement in separation efficiency into the valuable critical minerals – a great example of what the team has been able to achieve.

"Our focus remains on maximising revenue from the products being produced while continuing to optimise the MSP to produce Premium Grade Zircon and Rutile. The achievement of our first ZIC sale marks a key milestone in this process as we work to optimise the operation at the same time as increasing volumes."

The improvement initiatives, as outlined in the previous quarterly report, include improving sand tailings deposition and rectification of MSP issues including dust extraction, dryer-heater controls, as well as conditioning of the HMC. The MSP is designed to separate the HMC into the valuable critical minerals of Zircon, Titanium (Rutile and Ilmenite) as well as a ZIC product.

Modification works have recently been completed to the WCP on the upstream mineral cleaning circuit of the HMC (refer Figure 1). Results to date show a significant improvement in separation efficiency and further optimisation of the circuit is continuing.

The key area of focus on mining operations has been increasing the utilisation of Dozer Mining Units (DMU's) by reducing the constraints associated with sand tailings deposition and increasing equipment availability. The focus during the December quarter will be achieving more consistent operation of two DMU's - which is required for nameplate production performance - along with implementation of both short- and long-term sand tailings storage strategies.





A preliminary in-fill drilling program was recently completed, with the results providing additional detail to guide mine planning moving forward. Further details of the in-fill drilling program will be released once full assays are received and collated this quarter.





Figure 1. Modification to the mineral cleaning circuit included reconfigured feed cyclones to increase feed density



Figure 2. Two DMU's in operation at the Coburn Mineral Sands Project

Total HMC production for the quarter was ~30,133 tonnes, a 15% improvement on the previous quarter with stockpiles held at Coburn and Geraldton Port comprising approximately 25,000 tonnes and consisting of:

- 6,000 tonnes of Chloride Ilmenite;
- 15,000 tonnes of ZIC;
- 1,000 tonnes of Standard Grade Zircon; and
- 3,000 tonnes of HMC for feed into the MSP.

## **COBURN MINERAL SANDS PROJECT UPDATE**



Further details will be provided in the upcoming September Quarterly Report.

This announcement is authorised for release by the Strandline Resources Board of Directors.

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#### **ABOUT STRANDLINE**

Strandline Resources Limited (ASX: STA) is an emerging producer of heavy mineral sands with a portfolio of development assets located in Western Australia and within the world's major zircon and titanium producing corridor in East Africa.

Strandline's strategy is to develop and operate high margin, expandable mining assets with market differentiation and global relevance in the sector. Strandline's project portfolio contains high quality assets which offer a range of development options and timelines, geographic diversity and scalability. They include the world-scale Coburn Project in WA and the exciting Tanzanian growth projects including Fungoni and Tajiri.

### FORWARD LOOKING STATEMENTS

This announcement contains certain forward looking statements and comments about future events, including statements about Strandline's expectations about the financial and operating performance of its business. Forward looking statements are only predictions and are subject to risks, uncertainties and assumptions which are outside of the control of Strandline. Forward looking statements can generally be identified by the use of forward looking words including (without limitation) words such as, "expect", "anticipate", "likely", "intend", "should", "could", "may", "predict", "plan", "propose", "will", "believe", "forecast", "estimate", "target" and other similar expressions. These risks, uncertainties and assumptions include (without limitation) commodity prices, currency fluctuations, economic and financial market conditions, environmental risks and legislative, fiscal or regulatory developments, political risks, project delay, approvals and cost estimates. Actual values, results or events may be materially different to those contained in this announcement. Given these uncertainties, readers are cautioned not to place reliance on forward looking statements.

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