

# Vertex Minerals Limited: Update on Reward Commissioning

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Perth, Australia - [Vertex Minerals Ltd.](#) (ASX:VTX) (OTCMKTS:VTXXF) is pleased to announce that it has completed commissioning of the ore sorting module of the Reward Gold Mine ahead of schedule, with final commissioning works on the gravity gold room circuit continuing.

Vertex's Executive Chairman, Roger Jackson commented: "The ore sorter is exceeding our expectations and has been integrated into our gravity plant circuit perfectly. Its pleasing to see this plant up and running with only the minor tweaks to be undertaken by the Gekko commissioning team to move the plant to nameplate operation. We are looking forward to capitalising on this robust gold market."

## HIGHLIGHTS:

- Ore sorter pre concentrator commissioning now complete at the Hill End gravity gold plant. Reward gold mine ore sorts perfectly, with 79% mass reduction and 337% increase in gold grade in the 8mm to 50mm range. (refer to VTX ASX announcement 11 of September 2024).
- TOMRA's LASER sorting technology (Sorter) separates gold bearing quartz ore from waste (slate & greywacke) before it enters the processing plant. Refer to Figure 1\*.
- Commissioning of the gravity plant is ongoing with some further components being introduced to the plant to improve performance.
- Gold concentrate is now being produced and reporting to the concentrate hopper ready for tabling in the gold room.
- Training of Vertex operators by Gekko Technicians is progressing well.
- The plant recycles a significant amount of process water and an increasing volume of fines that builds up in process water while running continuously has been experienced during the commissioning process. The build-up of this fine material reduces the efficiency of the classifying process and impacts on plant throughput. Vertex is installing a slurry classifier and a prescreening scalper to reduce this buildup of fine material in process water. Vertex believes that the increased presence of fine material in the stockpiles is a result of weathering of the rock over time. Vertex and Gekko are working through this issue and Vertex expect to announce first commercial production shortly.
- The Wilfley table, used for increasing the grade of gold in concentrate is undergoing some minor modifications to improve efficiency of concentrate handling. A Gemini table will also be installed this week to provide a cleaner final concentrate.
- Vertex have the option to sell gold in concentrate or dore bars, by nature of the gravity process at this plant.
- Vertex is moving toward the commencement of underground mining with the ordering of a development jumbo and procurement longer lead time of plant and equipment.

The inclusion of ore sorting technology positively impacts on the sustainability and profitability of Vertex's Reward Gold Mine by:

- Providing significantly higher-grade ore to the gravity recovery plant, reducing feed tonnage, plant running time and operator hours;
- Reducing energy & water consumption, with
- lower operating costs and
- reduced carbon footprint.

Sorting also significantly reduces the volume of process residue (sand) leading to further ESG benefits and

cost savings.

\*To view tables and figures, please visit:  
<https://abnnewswire.net/Ink/J5G7G2NF>

About Vertex Minerals Limited:

Vertex Minerals Limited (ASX:VTX) is an Australian based gold exploration company developing its advanced Hargraves and Hill End gold projects located in the highly prospective Eastern Lachlan Fold Belt of Central West NSW. Other Company assets include the Pride of Elvire gold project and Taylors Rock gold/nickel/lithium project both located in the Eastern Goldfields of WA. The focus of Vertex Minerals is to advance the commercial production of gold from its NSW projects embracing an ethical and environmentally sustainable approach.

Source:  
Vertex Minerals Limited

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