

FURTHER CONFIRMATION OF THE SUCCESS OF X-RAY ORE SORTING OF WATERSHED ORE

- **Final Ore Sorting trials on eleven metallurgical ‘variability samples’ from diamond drill cores from the Watershed scheelite Project have confirmed the favourable results obtained with previous bulk sample tests.**
 - **The WO₃ grade of the eleven large diameter core holes varied between 0.12% and 0.73%, averaging 0.425%, thereby comparing most favourably with the published grade of the modelled resource.**
 - **Reproducible results demonstrated reject fractions varying between 36 and 55.8% thereby achieving grade improvements of 100 percent at an average recovery of 93.2% of contained scheelite.**
 - **Results confirm value and suitability of Ore Sorting as a primary pre-concentration stage for this Project.**
-

Overview

Vital Metals Ltd (ASX Code: VML) has completed final X-Ray ore-sorting test work on samples from eleven large diameter diamond drill holes, which were dedicated as metallurgical ‘variability’ holes, representative over the range of ore types at the Watershed Tungsten Project in far North Queensland.

The eleven holes, spread throughout the known area of the deposit, are considered to cover the full variability of the resource, as classified by alteration type, oxidation levels and lithological variations and to be truly representative of the variability of the Watershed resource.

These variability results are remarkably consistent with those achieved previously from the bulk samples from the two adits.

The average grade of the eleven variability cores (aggregating 2 tonnes of sample) was 0.43% WO₃ which compares most favourably with the grade of the modelled resource.

The sorting process achieved scheelite recoveries in excess of 93% thereby facilitating a 49.5% reduction in tonnes of mined material proceeding to down-stream secondary processing. The average overall grade of the 49.5% reject material was 0.056% WO₃ which makes for a most satisfactory, ‘throw-away’ tail.

These latest results are consistent with bulk sample trials completed in March, in which Vital Metals achieved a 49.7% rejection rate, with a ‘throw-away’ tailings grade of 0.035% WO₃ and further highlights the opportunity for substantial reductions in overall processing costs as well as a quantum reduction in the required capacity of both the beneficiation plant and the tailings storage dam.

Vital Metals Managing Director Andy Haslam said: "This set of results from our X-ray ore sorter clearly shows excellent reproducibility between the results from the bulk sample ore and the variability samples taken from the wide range of different ore types in the resource. It is another bonus from our exhaustive metallurgical testing program".

Lycopodium Engineering Pty Ltd has completed a first-pass design of the proposed process plant, which is currently being refined.

Vital Metals is now completing large-scale metallurgical test work on the gravity recovery (spirals) section of the plant, along with final evaluation of tabling of concentrate samples.

- ENDS -

For further details, refer to the company's website, www.vitalmetals.com.au or contact:

Mr Andy Haslam
Managing Director

-or-

Mr John Sobolewski
Company Secretary

Vital Metals Ltd
Level 1, 335 Hay Street, Subiaco WA 6008
PO Box 8243, Subiaco East WA 6008
Telephone: +61 8 9388 7742
Fax: +61 8 9388 0804
Email: vital@vitalmetals.com.au
Website: www.vitalmetals.com.au