

Volt Resources Ltd.: Market Leading Flake Distribution with Exceptional Purity Concentrate up to 99.3% TGC

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Melbourne - [Volt Resources Ltd.](#) (ASX:VRC) is delighted to announce that optimised results from its metallurgical test-work program have now been received. These show further improvement over previously announced results with exceptional high purity graphite concentrates produced up to 99.3% Total Graphitic Carbon (TGC). The concentrates were produced from diamond core composite samples collected from the 2015 drilling program and were achieved through a conventional circuit of milling and flotation that was carried out at ALS in Perth. No industrial chemicals were used to achieve these results.

Highlights:

- Outstanding graphite flake distribution with market leading results in the Super Jumbo and Jumbo categories
- Excellent metallurgical flotation results with up to 99.3% Total Graphitic Carbon (TGC) returned in the Super Jumbo (+500 micron) fraction
- Up to 67.7% in the Super Jumbo, Jumbo and Large flake size categories
- Industry sources and end-user talks imply current prices for Super Jumbo and Jumbo flake natural graphite are circa US\$4,000/t and \$2,500/t respectively
- Confirms Namangale is a first rate project that can consistently deliver premium product for high-end commercial applications
- New concentrate results and samples will be provided to end-user groups for further testing to progress negotiations
- Exceptional purity achieved without the use of industrial chemicals
- Material processing cost advantages compared to synthetic graphite and natural graphite containing deleterious elements
- Macro factors continue to drive growing demand for Jumbo flake graphite
- Discussions with potential off-take partners and end-user groups in the US, Europe and Asia are progressing well to complement existing MOUs

EXCELLENT FLAKE DISTRIBUTION AND PURITY ACHIEVED WITHOUT THE USE OF CHEMICALS

Volt has been able to demonstrate outstanding graphite concentrate quality, with some of the best flake size distributions in the graphite sector among larger peers with operations in East Africa (refer Figure 1, in link below).

Further, the Namangale concentrate graphite is separated through a straightforward crushing then flotation process and, importantly, without the use of industrial chemicals to remove impurities. This potentially delivers Volt a material comparative cost advantage mining graphite relative to peers with unwanted trace elements in their product.

RESULTS SUMMARY

The graphite concentrates produced from Namangale returned concentrate grades of up to 99.3% TGC within the +500 micron category (refer Figure 2, in link below).

BatteryLimits are managing the metallurgy and Prefeasibility Study for Volt. Its Managing Director Phil Hearse said, "These results from Namangale show high grade coarse flake graphite that is amongst the best that we have seen in our experience with graphite projects, especially since there is still considerable opportunity for further optimisation".

These results demonstrate that a premium quality concentrate can be produced from Namangale ore.

In addition, the next round of diamond drilling has commenced and is now providing additional samples for ongoing metallurgical test-work. The results of test-work to date demonstrate the Namangale deposit can consistently provide clean, high-grade TGC graphite, suitable for commercial applications mainly within the Lithium-ion battery market.

Executive Chairman, Stephen Hunt commented: "Achieving world class flake size distribution, together with exceptionally high TGC, from our first drilling campaign, is incredibly significant for Volt. These results demonstrate that Volt will be able to produce superior quality graphite, thereby ensuring Volt achieves among the highest basket price amongst its peers for its products. This will undoubtedly greatly assist our marketing and financing efforts, as we go forward. Once again, this is a very significant milestone, if not the most significant, in the Company's desire to become a world class, premium quality, graphite supplier to the burgeoning lithium-ion battery market."

CONCLUSION

The Board of Volt considers the results to date continue to indicate the Namangale project is rapidly emerging as a world-class graphite deposit.

To view the release including tables and figures, please visit:
<http://abnnewswire.net/lnk/O8VVI1WH>

About Volt Resources Ltd:

[Volt Resources Ltd.](#) (ASX:VRC) is a graphite exploration company listed on the Australian Stock Exchange under the ASX code VRC. The Company is focused on the exploration and development of the Jumbo Flake Namangale graphite project in Tanzania which has the potential to add to value for shareholders.

The Namangale Project is one of the largest graphite deposit in Tanzania containing a JORC compliant Inferred Resource of 179Mt @ 5.1% TGC. The project is exceptionally well located in South Eastern Tanzania being 140km from a deep-water port and 10km from sealed roads. Mineralisation at the three drilled deposits, occurs from surface and remains open in all directions. After the completion of this the recent capital raising the Company is now fully funded to complete the Pre-Feasibility Study into commencing production of high quality flake graphite targeting the rapidly expanding lithium-ion battery market. Volt has established a dominant tenement position in this extremely well located graphite rich part of Tanzania.

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