

ASX Announcement

By eLodgement

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Bulk testwork of Springdale graphite drives feasibility studies forward

HIGHLIGHTS

- Bulk pilot scale metallurgical testing underway on ore from the Springdale Graphite Project
- ~100kg of graphite concentrate to be produced from 1.5 tonne of sample material
- Ore sourced from the existing Springdale Mineral Resource and new discoveries at Springdale Central and Masons Bay¹
- Concentrate produced will advance downstream processing trials at Collie

International Graphite (**ASX: IG6**) reports that metallurgical testing of ore samples from the Springdale Graphite Project has entered the next phase with more than 1.5 tonnes of material currently undergoing laboratory assessment at ALS Metallurgy's pilot concentrate production facilities in Perth, Western Australia.

International Graphite director and Chief Technical Officer David Pass who is planning and directly overseeing the testwork said the Company was rapidly progressing technical assessment for its proposed open cut mine at Springdale, on Western Australia's south coast, with a target for feasibility study completion by mid-2024.

"Results from the bulk testwork will add important data to our Springdale concentrator plant design," Mr Pass said.

"Preliminary testing has already shown that the Springdale graphite is well suited for battery anode material (BAM). The concentrates produced at ALS will be available for further BAM testwork including at our own Collie BAM R&D facility,"

The bulk ore samples include material taken from within the existing Springdale Mineral Resource and from recent graphite discoveries at Springdale Central and Masons Bay² – two of four new graphite finds identified during an extensive reverse circulation drilling program the Company has completed at Springdale in the past 12 months.

"We are very pleased with the progress we have made at Springdale. Final assays from the Springdale 2022 / 2023 drilling campaign are expected to be completed by the end of this month (July 2023) with a revised mineral resource estimate for Springdale to follow."

¹ Refer ASX Announcement 8 June 2023

² Refer ASX Announcement 8 June 2023

“We are working to establish Springdale as a long term, stable and consistent supplier of high quality graphite concentrates for BAM processing. It is at the core of our vision for a ‘mine-to-market’ graphite supply chain in Western Australia that will meet the needs of high growth energy markets.”

This announcement has been authorised for release by the Board of International Graphite Limited.

Andrew Worland
Managing Director & CEO

About International Graphite

International Graphite is an emerging supplier of processed graphite products, including battery anode material, for the global electric vehicle and renewable energy markets. The Company is developing a sovereign Australian ‘mine to market’ capability, with integrated operations wholly located in Western Australia. The Company intends to build on Australia’s reputation for technical excellence and outstanding ESG performance with future mining and graphite concentrate production from its 100% owned Springdale Graphite Project and commercial scale downstream processing at Collie. International Graphite is listed on the Australian Securities Exchange (ASX: IG6) and Tradedgate and Frankfurt Stock Exchange (FWB: H99, WKN: A3DJY5) and is a member of the European Battery Alliance (EBA250) and European Raw Minerals Alliance (ERMA).

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