ASX Announcement
By eLodgement
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Japanese purification testwork achieves top results from Springdale graphite

HIGHLIGHTS

- World leading commodity trader Marubeni Corporation coordinates purification testwork of Western Australian graphite from the Springdale Graphite Project.
- Purification testwork results achieve battery grade specification >99.95% purity.
- Marubeni representatives visit Springdale Graphite Project and Collie Graphite Processing and R&D Facility.
- Site visit progresses ongoing discussion on collaboration to advance the Springdale-Collie mine to market strategy.

A testwork program undertaken by leading Japanese chemical processing specialists has returned battery grade purification results from concentrates sourced from International Graphite's (ASX:IG6) Springdale Graphite Project, in Western Australia.

The testwork program was coordinated by Japan's Marubeni Corporation, one of the world's biggest integrated trading and investment conglomerates.





Fig 1 left: IG6 Chief Financial Officer Robert Hodby walks the Springdale mining lease with Marubeni representatives. Fig 2 right: IG6 Technical Director David Pass, centre, demonstrates the Collie pilot plant.

The bench scale program involved purifying graphite concentrates from drilling and bulk concentrate extraction undertaken at Springdale in 2023. Various wash cycle tests returned a purity of up to 99.97% total graphitic carbon (TGC), achieving the TGC purity generally specified for lithium-ion battery anode specifications.

Further purification testwork programs on Springdale graphite concentrates and spheroidised Springdale graphite concentrates are planned.

International Graphite has been collaborating with Marubeni under a non-binding memorandum of understanding for the potential supply of spheroidised graphite from Springdale and potential financial support for International Graphite's mine to market strategy.

Marubeni is looking to expand its access to critical minerals and is exploring avenues to secure graphite products, from concentrates to semi-processed materials, in support of Japan's growing battery and motor vehicle manufacturing industries. Marubeni has had business interests in Australia for decades.

International Graphite Managing Director and CEO Andrew Worland said: "Partnering with a highly respected market leader like Marubeni, which is a major investor and trader in world commodity markets, gives us great confidence in our assets and development strategy.

"Japanese firms have made enormous commitments to developing battery gigafactory capacity worldwide and need new sources of graphite to meet these commitments. We offer the market a new supply of quality material, with all the benefits of Australian security and reliability.

"Marubeni is one of the strategic partners we are engaging with to tailor our future operations to best meet market demands."

Representatives from Marubeni's Business Development team in the Metals and Mineral Resources division recently toured International Graphite's mining leases at Springdale, and the Collie Graphite Processing and R&D Facility.

International Graphite advises there can be no assurance that ongoing collaboration with Marubeni will lead to definitive binding agreements.

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

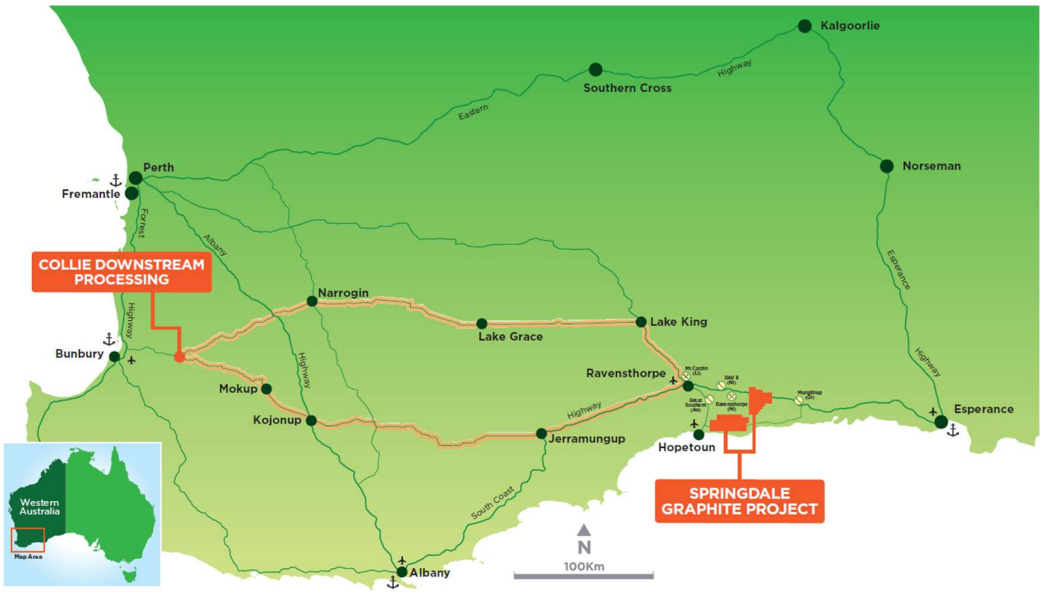
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About International Graphite



International Graphite is an emerging supplier of processed graphite products, including active anode materials for lithium-ion batteries in electric vehicles, defence applications and global energy transformation. The Company is developing a mine-to-market capability, with mining and graphite concentrate production from its 100% owned Springdale Graphite Project, and downstream processing at Collie, both in Western Australia. The Company is building on Australia's reputation for technical excellence and outstanding ESG performance to provide secure and reliable graphite supply for growing markets in the US, Europe and Asia. Collie operations are certified to ISO **ISO9001:2015.** International Graphite is listed on the Australian Securities Exchange (ASX: IG6) and Tradegate 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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