

Second Industrial Mineral Sands Project expanded, and regional exploration programme completed - bolstering project pipeline

HIGHLIGHTS:

- Exploration field trips were completed across various Exploration Licenses (ELs) in the company's industrial minerals portfolio in Western and Gulf Province in accord with the Company's minimum expenditure requirements
- Included drilling an additional 50 auger holes at the Malalaua project, the company's most advanced exploration project after Orokolo Bay Project
- Other work completed has identified high-grade targets for follow-up drilling to further strengthen the mineral sands project pipeline

Mayur Resources Ltd (ASX:MRL) is pleased to announce that it has completed a regional exploration programme across its industrial mineral sands portfolio. This has included a follow-up exploration program on the Company's second mineral sands project, Malalaua, located near the Gulf Provincial capital Kerema, and a regional exploration programme across the wider industrial mineral sands portfolio that extends around the coastline of Gulf and Western Provinces (refer to map in Image 1).

The programme was planned and executed based on detailed assessment of a large amount of previous drilling, geochemical and geophysical data that informed the most prospective areas for drilling and sampling activities. The objective has been to locate additional deposits of industrial minerals including vanadium titanomagnetite (VTM), zircon, ilmenite and other valuable heavy minerals such as rutile and chromite as identified via previous metallurgical bulk sampling elsewhere in the portfolio.

On-site activities included ground truthing, using hand held magnetometers, and a combination of surface sampling and low-cost manual hand auger drilling to depths of up to 5 metres below the land surface. The samples have been transported from site to Port Moresby and shall be onward despatched to Australia for laboratory analysis.

Managing Director Paul Mulder commented "the Orokolo Bay project continues to be the priority for our industrial sands portfolio, and we continue to focus on finalising equipment selection for the bulk sample pilot plant operation. This exploration programme enabled us to meet our work commitments across the broader mineral sands portfolio, and the outputs continue to provide confidence as to the expandability and growth options available for the portfolio beyond Orokolo Bay".

The Company's mineral sands portfolio encompasses an extensive onshore and offshore coastal and hinterland region in southern PNG. This area also hosts some of PNG's largest river systems which, over millions of years have transported heavy minerals eroded from the mountainous spine of PNG, out to sea, and washed these minerals back up into coastal areas to be redeposited as paleo strandline-type deposits a number of kilometres inland from the current shoreline.

Mr Mulder added, “we are encouraged with the successful completion of a 50-hole drill program at Malalaua, to complement the 80 previously drilled holes, thus bringing the aggregate number of holes to 130. Having now drilled well over 1,800 auger holes across the portfolio, we have refined our onsite assessment techniques including use of magnetic susceptibility readings, ground magnetometer surveys, visual inspection of colour and the very heavy weight of the sand. The results from these ‘in field’ techniques from this recent programme have been very positive. The subsequent lab analysis is hoped to provide results confirming a clear correlation and consistency between previously received results of heavy mineral sands in the same vicinity of the most recent exploration sampling locations”.

The advancement of the Malalaua project, and other regional targets, aligns with the Company’s strategy to establish a long-term pipeline of simple low-cost industrial mineral sands projects around the Gulf and Western provinces, with the lead project being Orokolo Bay.

Mr Mulder concluded “Ultimately our vision is for these operations to provide a cheap and sustainable source of key raw materials for both export and domestic end users in downstream value-add applications such as iron and steel making, cement/clinker manufacture and other heavy mineral sand applications”

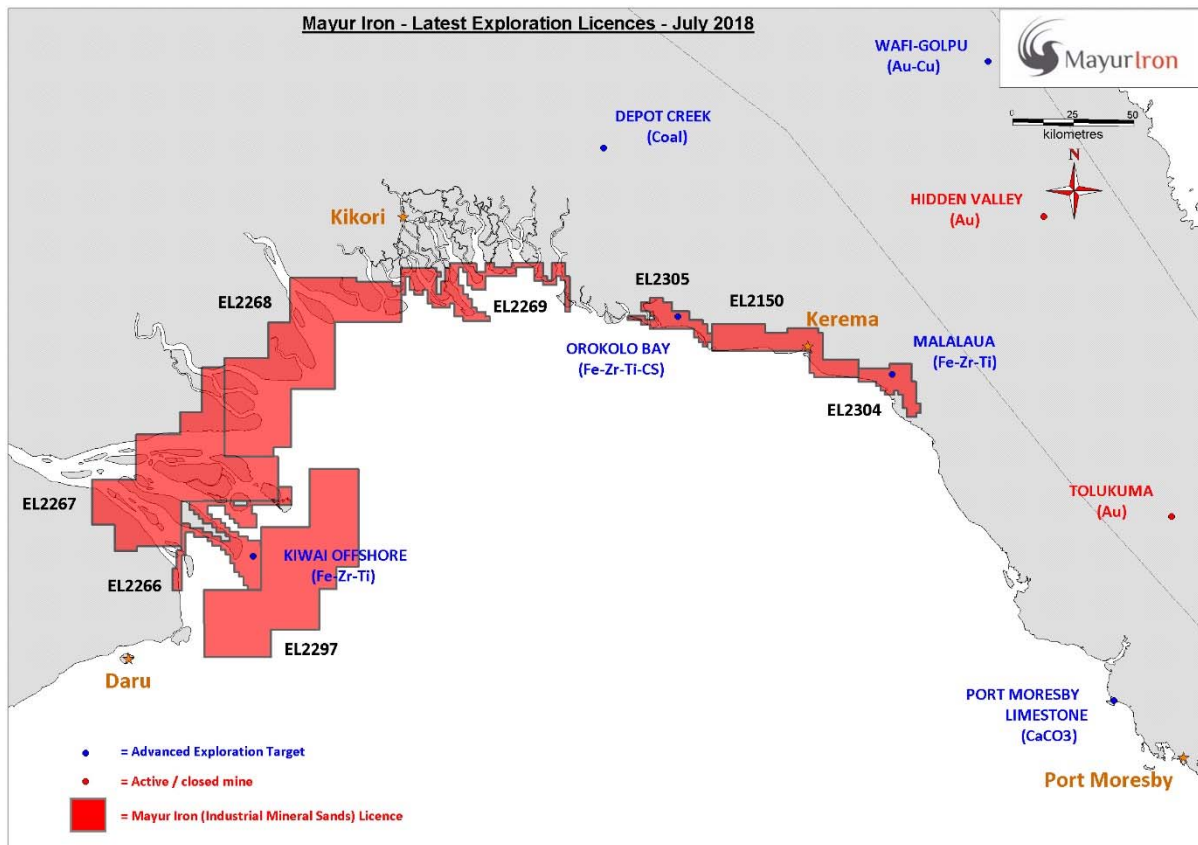


Image 1 - Map of Mayur's industrial mineral sands exploration licences in the Gulf of Papua



Image 2 - Auger Drilling on Deception Bay EL2269



Image 3 - Auger Drilling at Malalua EL2304

About Mayur Resources

Mayur Resources is a diversified mineral exploration, development and energy company operating in Papua New Guinea (PNG) across three main divisions:

(a) Industrial Minerals (construction sands, magnetite sands, heavy mineral sands and limestone) The Company is advancing the Orokolo Bay Industrial Sands Project along the southern coast of PNG. A pre-feasibility study has been completed which identified an opportunity to establish a project producing fine grain construction sands, titanomagnetite (iron sands) and a zircon-rich Valuable Heavy Mineral Concentrate by-product. The next steps include preparation of a Definitive Feasibility Study and construction of a pilot demonstration plant. The other key project in this portfolio is the Port Moresby Limestone Project, located close to the national capital, which seeks to produce high grade limestone together with the development of a vertically integrated downstream processing quicklime and clinker / cement plant for domestic (import replacement) and export markets.

(b) Copper and Gold. The Company holds the Feni Island Project in New Ireland Province as well as the prospective Basilaki/ Sideia project in Milne Bay Province and the Sitipu project located in the Eastern Highlands region of the prolific Owen Stanley Fold Belt.

(c) Power Generation. The Company is developing a vertically integrated domestic power project at PNG's second largest city of Lae. A detailed Power Purchase Agreement has been submitted to PNG Power, the state-owned power entity, for a 52.5MW (net) power facility (with future scalability to 200MW). A definitive feasibility study has been completed for the Lae project that contemplates the use of multi fuels (Enviro Energy Park) including renewables and potentially coal from the Company's Depot Creek project in Gulf Province.

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