

## Pre-mobilisation site visit completed, and final drill targets identified at the Feni Island Copper Gold project

### HIGHLIGHTS:

- **Confirmatory field trip completed, together with logistics planning for the upcoming diamond drilling programme**
- **Included sampling of the Matangkaka Creek, with gold assayed from pan concentrates, completed by Mayur's geologist Dr David Lindley**
- **Additional targets generated to finalize a drill programme of up to 2,400m to be executed in the coming months**
- **Successful engagement with the local communities with supportive response to the proposed drilling programme**

**Mayur Resources Ltd (ASX:MRL)** is pleased to announce the recent completion of a follow up detailed field mapping and sampling programme within the Matangkaka Creek area, at the Feni Island copper gold project (EL2096) in New Ireland Province, PNG.

Matangkaka Creek is an eastern tributary of the Nanum River and is rated as one of the top three gold bearing streams in the Feni Island group. It is also located in close proximity and upstream from the Kabang structure that hosts the current JORC Resource of 650,000 Oz gold resource<sup>1</sup>.

The trip was undertaken by Dr Lindley, Mayur's veteran expert geologist who has decades of experience on Feni. The Matangkaka Creek extension fieldwork identified localised manganese mineralisation with high Cu-Mo-As content, suggesting a local source from a buried intrusive. The Company has correlated this new information with historical data to finalise a drilling programme of up to 2,400m. The programme of up to 7 holes is focusing on the gold mineralisation in structures beneath and along strike of the Matangkaka Creek (Refer to Figure 1).

The programme will specifically test for gold rich feeders under the newly mapped strata bound bedded manganese and to test for ponded mineralisation under the Matangkaka Trachyte. Previously thought to be a dome but following a reinterpretation from new mapping information, this feature is recognised as a tabular body. The area to be drilled also has significant As and Hg soil surface anomalies these elements being significant and important indicators leading to the nearby Lihir ore body discoveries.

The company also met with the local community to provide an update from the findings of the mapping and to discuss the planning around the proposed drill programme. Representatives from the Company's drilling contractor were also in attendance in order to conduct planning and preparation for mobilising the drilling equipment to the island. The Company intends to mobilise the camp and commence drilling support activities by the end of August 2018.

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<sup>1</sup> Feni Island Gold Copper Project as disclosed in the Prospectus dated 21 July 2017. Except as set out in this Announcement, MRL confirms that it is not aware of any new information or data that materially affects the information included in the MRL Initial JORC Statement and that all material assumptions and technical parameters underpinning the estimates in the Initial JORC Statement continue to apply and have not materially changed

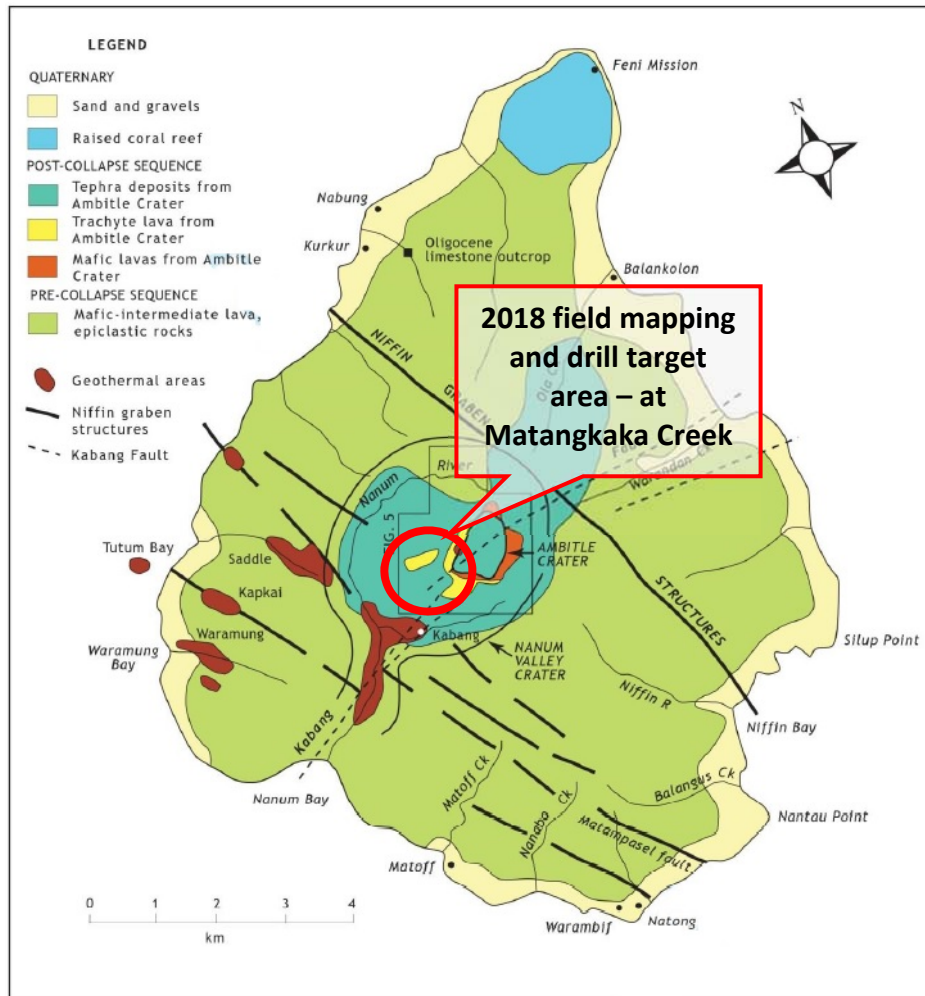


Figure 1 – Map of Feni (Ambitle) Island and location of up coming drill programme



Image 2 – Field mapping at Matakangkaka Creek

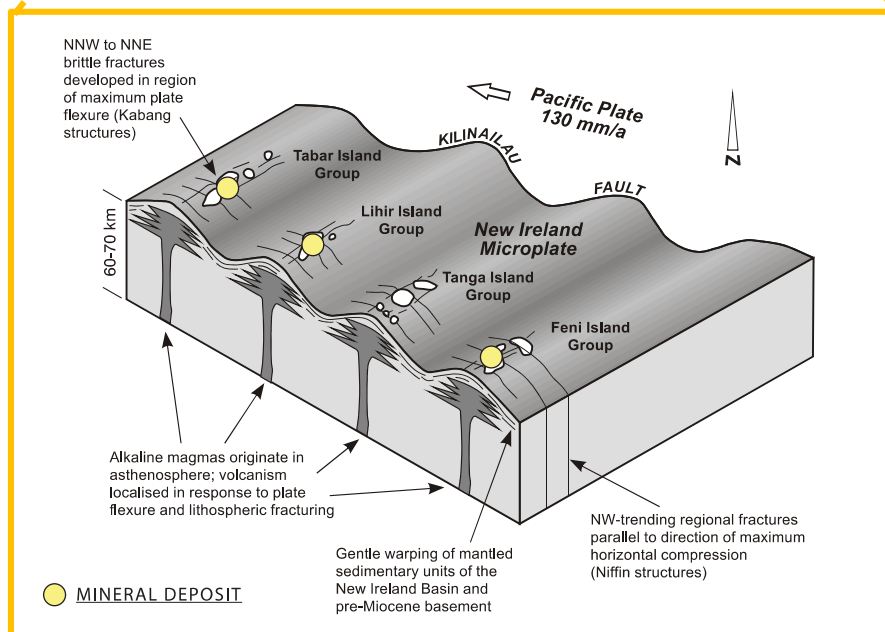
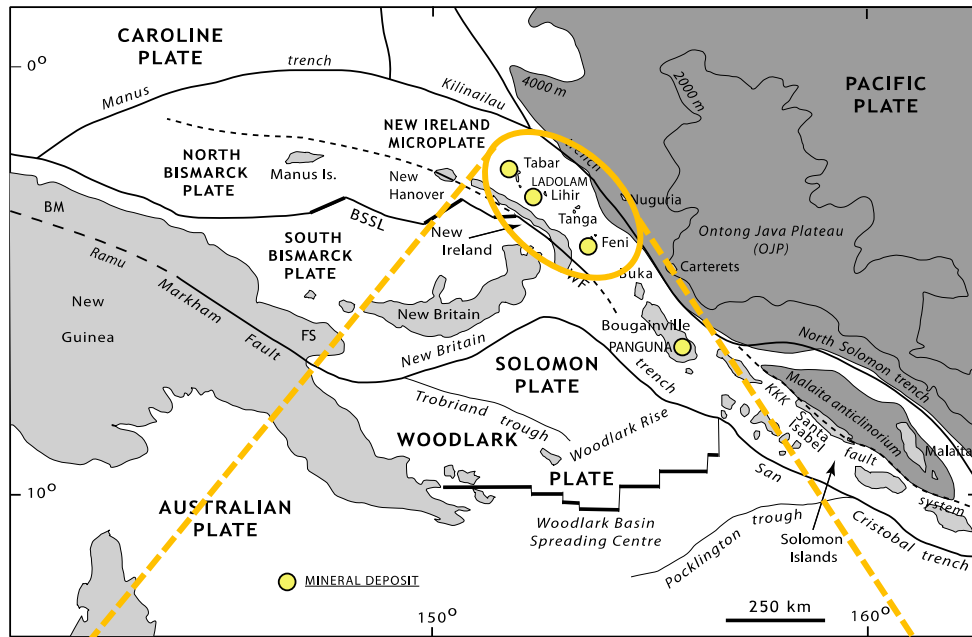


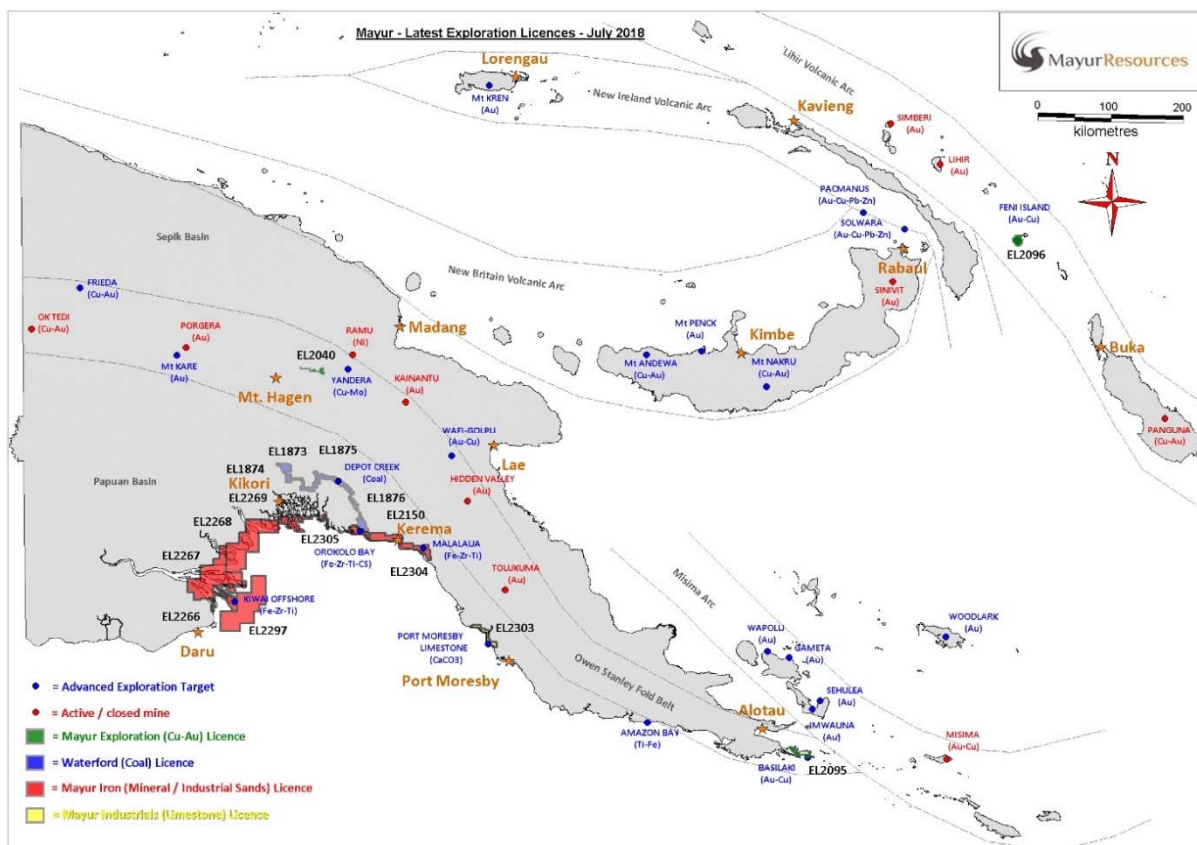
Image 2 – location of Feni island group and nearby mineral deposits

MRL Managing Director Paul Mulder commented “following the completion of this trip, we are now essentially ready to mobilise and execute our drilling programme at Feni. This is particularly exciting as Feni island sits between Lihir, one of the largest Gold mines in the world, and Bougainville, one of the world’s great copper and gold deposits. You could not ask for a more prospective postcode location of the Feni prospect being the situated island between these two world class giants. This, coupled with historic attractive copper and gold mineralisation from near surface (continuing at depth), provides an attractive backdrop to conduct a drilling campaign, which will be the first in many years on the island”.

## About Mayur Resources

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

- (a) **Industrial Mineral Sands (construction sands, magnetite sands, heavy mineral sands)** 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.
- (b) **Lime and Cement.** Following the delineation of a maiden JORC Resource of 382 Mt at the Port Moresby Limestone Project located close to the national capital, the company is undertaking a DFS which contemplates the quarrying of 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.
- (c) **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.
- (d) **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.



Mayur's mineral exploration licence (EL) portfolio in PNG

### Enquiries

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