



## Trans-Tasman Resources Limited

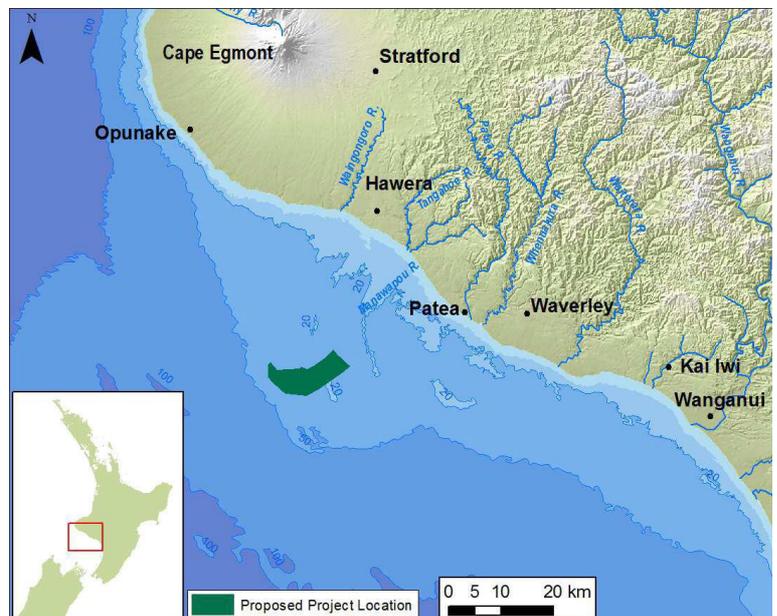
### Application for marine consents and marine discharge consents to extract and process iron sand within the South Taranaki Bight - EEZ 000011

On 23 August 2016, Trans-Tasman Resources Limited (TTRL) lodged an application with the Environmental Protection Authority (EPA) for marine consents and marine discharge consents to extract and process iron sand within the South Taranaki Bight. In accordance with section 45 of the Exclusive Economic Zone and Continental Shelf (Environmental Effects) Act 2012 (the Act), the EPA gives notice of this application.

#### Summary of the application

TTRL has lodged an application for marine consents and marine discharge consents to extract and process iron sand within the South Taranaki Bight. The application area covers 65.76 square kilometres (km<sup>2</sup>) of seabed between 22-36 kilometres offshore in waters between 20-42 metres deep. TTRL propose to extract and export up to 5 million tonnes of iron sand per year, for up to 35 years.

A subsea sediment extraction device, referred to as a 'crawler' will be used to extract the seabed material (50 million tonnes per year) from an average area of 5 km<sup>2</sup> per year to a depth of up to 11 metres. Processing the extracted material will take place aboard an Integrated Mining Vessel (IMV) that recovers, processes and transfers the iron sand concentrate. The processing involves separation of the iron ore from the extracted seabed material through the use of conventional screening, magnetic separation, and grinding to produce the target yield; approximately 10 percent of the extracted seabed sediment. Once the iron ore has been processed, it will be transferred to a Floating Storage and Offloading Vessel to await export. The remaining de-ored sediment (around 45 million tonnes per year) will be returned to the seabed from the IMV. The de-ored sediment would be discharged back to the seabed through a deposition pipe, releasing the de-ored



sediment approximately 4 metres above the seabed into sections, of the proposed project area, from which sediment was previously extracted. The location of application is shown here.

A full description of the proposal is included in the Impact Assessment that accompanies the application for marine consents and marine discharge consents, which is available at the locations specified below.

## Where the application can be viewed

TTRL's application and information on the process for assessment and decision on the application can be viewed on the EPA's website at:

<http://www.epa.govt.nz/EEZ/whats-going-on/current-applications/ttr-2016/Pages/default.aspx>

The application can also be viewed in hard copy at the following locations during opening hours:

- EPA Office, Level 10, 215 Lambton Quay, Wellington
- Puke Ariki Library in New Plymouth
- Patea Library, Patea
- Hawera Public Library, Hawera
- Davis Central City Library, Whanganui

## How to make a submission

Anyone can make a submission on the application, provided it is in the prescribed form. Submissions must be received by the EPA no later than **5.00pm on 14 October 2016**.

Submission forms are available from

<http://www.epa.govt.nz/EEZ/whats-going-on/current-applications/ttr-2016/Pages/default.aspx>, the locations listed above, or can be requested by contacting the EPA on 0800 777 728 or via email to [TTRLApplication@epa.govt.nz](mailto:TTRLApplication@epa.govt.nz). You must also send a copy of your submission to the Project Director, Trans-Tasman Resources Limited, PO Box 10 571, Wellington 6143 or by email to [EEZSubmissions@ttrl.co.nz](mailto:EEZSubmissions@ttrl.co.nz).

You can make a submission online at

<http://www.epa.govt.nz/EEZ/whats-going-on/current-applications/ttr-2016/Pages/default.aspx>. If you use the online form, you can choose to have your submission automatically forwarded to the applicant.

### Richard Johnson

Manager EEZ Applications

Under delegation from the Environmental Protection Authority