



AUSTPAC RESOURCES N.L.

ACN 002 264 057

Level 5,

37 Pitt Street

SYDNEY NSW 2000

GPO Box 5297

SYDNEY NSW 2001

Telephone: (+61 2) 9252 2599

Facsimile: (+61 2) 9252 8299

Email: apgtio2@ozemail.com.au

www.austpacresources.com

6 April 2021

The Manager
Company Announcements
ASX Limited
Exchange Centre
20 Bridge Street
SYDNEY NSW 2000

ZIRP Process to Relocate

As part of Austpac Resources continuing business review it has been decided to move the Zinc Iron Recovery Process (ZIRP) away from the Kooragang site after more than 20 years of research and development. The last operational activity was in November 2019 when Austpac Resources successfully proved the final stage of the ZIRP process. A review of the POC (proof of concept) work conducted in February 2020 concluded to prove the process commercially a dedicated plant needed to be built. That plant size was decided to be a small scale plant of 3-5,000 tonnes per annum, closer to the source of the raw materials.

The Newcastle site and set up was based on a much larger scale program that was planned in 2010 – 2012. The equipment for this plant was bespoke and difficult to implement into a much smaller and technically different plant.

The suitability of the site has changed and the costs of running the site has changed over the years and is now not considered cost efficient or appropriate for future development and commercialisation of the technology. The costs and suitability not only include the monthly rental but changes to the Environmental Planning Authority (EPA) reporting and testing requirements for the site. Another detrimental factor for the location of this site is the added costs of transporting hazardous waste materials from the source to the site. It is considered a new site and a partnership that can work hand in hand with Austpac to assist in commercialising the technology is the best path for the business.

The POC work completed in November 2019 gives Austpac Resources an excellent starting point which allows Austpac to better understand the requirements of the system and processes to successfully deliver a quality zinc oxide and iron product.

Austpac is working on several fronts to build a partnership to take the ZIRP process to a successful conclusion.

By Order of the Board,

Kenneth Lee
Company Secretary