

# Element 25 Ltd

08:52 03 Aug 2020

## Element 25 further de-risks Butcherbird Manganese Project as tests confirm process water supply

Element 25 Ltd (ASX:E25) has completed pump testing of a water production bore within a shallow (6-16 metre depth) aquifer at the Butcherbird Manganese Project in WA, confirming sufficient process water supply for planned production.

Yields from the aquifer were higher and depths were shallower than previously assumed potentially allowing sufficient water to be recovered from fewer, shallower bores, which will reduce capital and operating costs for the borefield.

E25 managing director Justin Brown said: "Confirmation of the availability of sufficient process water from shallow, high yield, low salinity aquifers at the Butcherbird project is an important de-risking step for project development, which remains on time and on budget."

### Aquifer potential

Several standard pump tests (step test and constant rate tests) were conducted to test the aquifer potential and analysed results using the Cooper-Jacob Method for unconfined aquifers.

A transmissivity at the BBPB03 site of 1,000 square metres /day has now been adopted for modelling purposes.

Samples from test bore BBPB03 were also analysed for salinity.

The groundwater is classified as marginal potable, with a salinity of 1,200 milligrams/litre Total Dissolved Solids (TDS).

This is ideally suited to the proposed processing method at the project.

### Groundwater flow modelling

The next phase of work is to undertake groundwater flow modelling to analyse potential borefield designs including the following possible pumping scenarios:

- 4 x 15 litres /second for 6 months, dropping to 25 litres /second total;
- 3 x 15 litres /second for 6 months, dropping to 25 litres /second total; and
- Long term pumping rates of 45 litres /second to support a future expansion in concentrate production.

**Price:** 0.46

**Market Cap:** \$53.45 m

### 1 Year Share Price Graph



August 2019 February 2020 August 2020

### Share Information

**Code:** E25

**Listing:** ASX

**52 week High Low**  
0.53 0.095

**Sector:** Rare earths & specialist minerals

**Website:** [www.element25.com.au](http://www.element25.com.au)

### Company Synopsis:

Element 25 Ltd's (ASX:E25) wholly-owned Butcherbird Project hosts a very large manganese resource which underpins the company's core strategy of producing high purity Electrolytic Manganese Metal (EMM) and Manganese Sulphate for use in specialty metals and lithium ion battery cathodes.

action@proactiveinvestors.com.au

Proactive Investors facilitate the largest global investor network across 4 continents in 4 languages. With a team of analysts, journalists & professional investors Proactive produce independent coverage on 1000's of companies across every sector for private investors, private client brokers, fund managers and international investor communities.

Contact us +61 (0)2 9280 0700 [action@proactiveinvestors.com.au](mailto:action@proactiveinvestors.com.au)

### No investment advice

Proactive Investors Australia Pty Ltd ACN 132 787 654 (the Company, we or us) provides you with access to the content set out above, including any news, quotes, information, data, text, reports, ratings, opinions, images, photos, graphics, graphs, charts, animations and video (Content) and this website (the Site) on the terms set out in this disclaimer, together with all other terms and conditions, disclaimers and other notices displayed elsewhere on this Site.

It is important for you to know that:

- (a) none of the Content is, or is intended to be, general or personal advice
- (b) the principal purpose of the Content is to provide factual information only and to comment on news;
- (c) the Content does not contain or imply any recommendation or opinion intended to influence your financial decisions, including in respect of any particular security, portfolio of securities, transaction or investment strategy, and must not be relied upon by you as such;
- (d) in providing you with the Content, we have not considered your objectives, financial situation or needs; and
- (e) you should make your own enquiries and obtain your own independent advice prior to making any financial decisions.

The Content contains data (including but not limited to prices, statistics and calculated information) obtained from a variety of third party sources (Third Party Data). The Company does not make any representation or warranty that any of the Content, including the Third Party Data, will be reliable, accurate or complete. The Company disclaims all responsibility and liability arising in any way from any errors or omissions in the Content, including the Third Party Data, including any loss you may incur in connection with any action or decision made by you in reliance upon the Content or Third Party Data.

In certain circumstances the Company, its related bodies corporate, or their affiliates, may have received, or be entitled to receive, financial or other consideration in connection with providing information about certain entities on the Site, which may include the above Content.