

ASX RELEASE

10th March 2022

ASX: PEC

CORPORATE DIRECTORY

Executive Chairman

Julian Babarczy

Managing Director

Robert Benussi

Non-Executive Director

Brett Grosvenor

Company Secretary

Nicholas Katris

PROJECTS

Beharra Silica Sands

Arrowsmith West

Sargon Hub

Eneabba Hub

CONTACT

223 Liverpool Street

Darlinghurst NSW 2010

Robert Benussi

+61 410 415 335

We wish to acknowledge the Traditional Custodians of the land (Yamatji Southern Regional) on which we are developing the Beharra Project, and pay our respects to their Elders past, present and emerging.

Beharra Environmental Permitting Documentation Nearing Submission

HIGHLIGHTS:

- Comprehensive desktop studies and field surveys in support of the primary Beharra environmental permitting submissions are largely complete.
- Results to date identify no significant impact to environmental and heritage values, with interim and final independent reports confirming an environmental approvals submission in-line with expectations.
- Environmental approvals submission targeted for lodgment in the June quarter, commencing the primary State (Part IV) and Federal (EPBC Act) approvals process.

Perpetual Resources Limited (ASX: PEC, "PEC", "Perpetual" or "the Company") is pleased to announce it is nearing completion of the various independent technical, field and desktop reports required to accompany the Beharra environmental approvals submissions in coming months.

No significant environmental constraints have been identified by any of the independent studies, which paves the way for Perpetual to schedule the final submission of the Beharra environmental approval documentation for the June quarter, after the remaining final studies are received and comprehensive submission documentation is completed.

Mr. Robert Benussi, Managing Director of Perpetual, commented, "As we approach completion of an exhaustive list of studies and analysis related to the environmental approvals process at Beharra, we are extremely encouraged by the conclusions the various reports have so far provided. At the outset, we chose to meet the highest standards with regard to the level of environmental study at Beharra, which we believe affords the highest likelihood of a seamless approvals process by the State and Federal authorities. It is our firm belief that the Beharra permitting process will be successfully navigated".

Overview of Various Beharra Environmental Approval Related Workstreams

Study Area	Comment
Flora & Vegetation	<ul style="list-style-type: none"> • Level 2 field surveys completed in 2021. • Final report due in April 2022.
Terrestrial Fauna	<ul style="list-style-type: none"> • Level 2 terrestrial fauna survey of Beharra completed in November 2022. • Final report due in March 2022.
Greenhouse Gas	<ul style="list-style-type: none"> • Greenhouse gas assessment completed, based on diesel combustion from power station, mining fleet, haulage and land clearing activities. • Assessment confirms emissions are within target ranges. • Final report delivered in August 2021.
Noise	<ul style="list-style-type: none"> • Acoustic assessment completed to evaluate potential noise impacts of Beharra project. • Construction and operations noise levels are expected to comply with assigned noise levels as specified by regulators. • Final report delivered in December 2021.
Dust / Air Quality	<ul style="list-style-type: none"> • Air quality assessment to evaluate potential dust impacts from the project completed. • Results presented demonstrate compliance with adopted air quality criteria. • Final report delivered in November 2021.
Heritage	<ul style="list-style-type: none"> • Aboriginal Heritage site avoidance survey completed with representatives of the Yamatji Southern Regional Corporation group in November 2021. • No isolated artefacts or previously unrecorded heritage sites were recorded during the survey. • Final report delivered in February 2022.
Short-range endemic (SRE) invertebrate fauna	<ul style="list-style-type: none"> • Level 1 field survey of short-range endemic (SRE) invertebrate fauna completed in July 2021. • Final report delivered in February 2022.
Subterranean fauna	<ul style="list-style-type: none"> • Desktop assessment of subterranean fauna at the project site to commence 1QCY22. • Final report due in April 2022.
Hydrogeology	<ul style="list-style-type: none"> • Water resource confirmed and conceptual hydrogeology model completed. • Preliminary desktop model and report due for delivery in March 2022. • Hydrogeology drilling and report preparation and operating strategy finalisation due for delivery by mid-2022.
Hydrology	<ul style="list-style-type: none"> • Surface hydrology assessment completed with final report due in March 2022.

Perpetual has elected to pursue a high standard of study and reporting to accompany the various planned submissions, with the aim of ensuring a seamless approvals process in line with State (Part IV) and Federal (EPBC Act) statutory approval processes. The various reports and studies detailed above are currently being incorporated into the Beharra Environmental Review and Impact Assessment Document (ERD), with the aim for finalisation of this submission and referral documentation in the June quarter 2022.

In addition to the actions detailed above, Perpetual also confirms it has received the following permits to further advance the Beharra Project;

- 26D Licence: Allowing construction of wells for hydrogeological investigations
- Program of Work: Allowing clearing and exploration for hydrogeological investigations

Indicative Timeline for Beharra Environmental Approvals Process

Perpetual is targeting submission of the Beharra Part IV Environmental Approval Protection Permit Application and the EPBC Act submissions in the June quarter 2022. Figure 1 below provides additional detail on the various stages and types of approvals required, with Perpetual aiming to align the State and Federal efforts under a bilateral arrangement so as to streamline the approvals process.

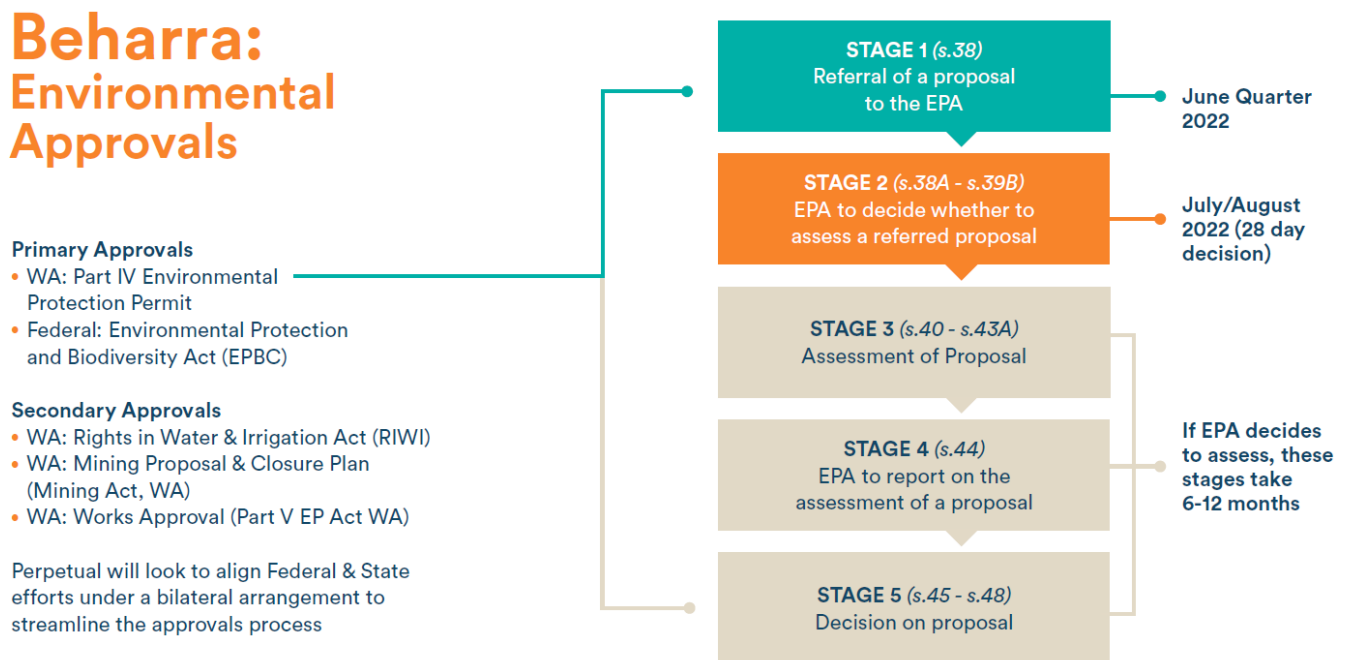


Figure 1: Beharra Environmental Approval Schematic

Perpetual notes that timelines stated for Stages 3-5 in the schematic in Figure 1 above are, by their very nature, indicative only, with State and Federal activities dictating the ultimate timelines to approval. Perpetual has allowed for approximately 12 months to complete Stages 3-5, which it notes could either be shorter or longer, with exact timing to be confirmed once Perpetual has commenced the formal approvals process with the relevant State and Federal departments.

About Perpetual Resources Limited

Perpetual Resources Limited (**Perpetual**) is a focused explorer of silica sands, aiming to produce high purity silica for export to the high growth Asian markets.

Perpetual's flagship asset, the Beharra Project (**Beharra**) is located 300km north of Perth and is 96km south of the port town of Geraldton in Western Australia. Access to the Project from Geraldton (to the north) and Perth (to the South) is via the sealed Brand Highway, thence approximately 8.5km east on the Mt Adams unsealed road providing access to the center of the tenure.



Mt Adams Road which Intersects the Beharra Tenement (left) and Brand Highway Intersection with Mt Adams Rd (right)

The port of Geraldton is an established bulk material handling facility and is currently utilised for the export of bulk materials, minerals, grain, and concentrates. Commodities currently exported via Geraldton Port include grains, copper concentrates, zinc concentrates, nickel concentrates, mineral sands, talc, and iron ore.



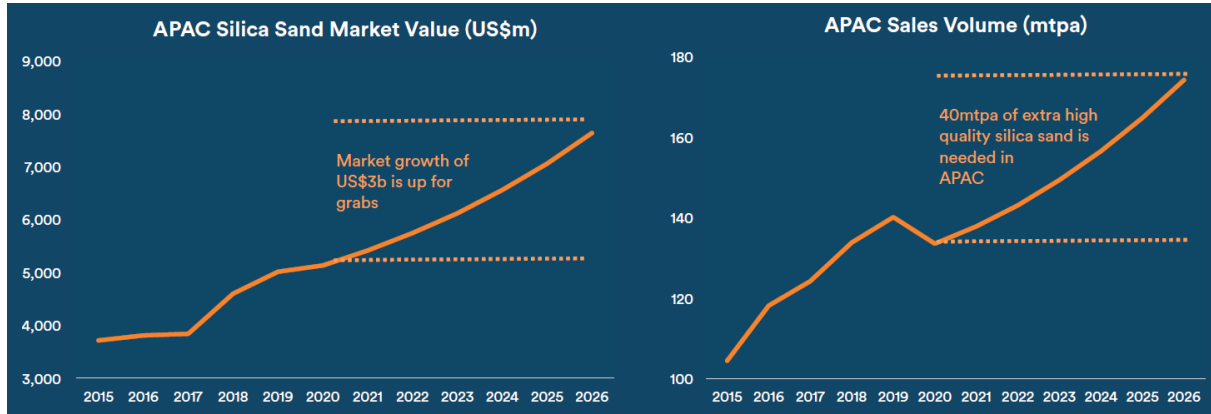
Geraldton Port – Operated by Mid-West Port Authority

Beharra comprises a granted mining lease, M70/1406, covering an effective area of 10.4km², and a granted exploration license, E70/5221, covering an effective land area of 56.8km². Extensive heavy mineral sands mining occurs to the south of Beharra, lime sands mining to the west and natural gas production to the south of the project area.

Auger and air core drilling has confirmed the presence of extensive, high purity silica sands, with a maiden Mineral Resource Estimate completed in July 2020. A detailed Pre-Feasibility Study demonstrating compelling project economics for Beharra was released to the ASX in March 2021, along with a Maiden Ore Reserve. Subsequent rounds of bulk metallurgical testing have further improved the potential final product specifications at Beharra.

Silica Sands Market

Silica sands have an extensive range of uses, with lower purity (<99.5% SiO₂) and lower priced applications including construction sand, proppant sand used in well fracturing, and foundry sand. With increasing purity (>99.5% SiO₂) and price, uses include glass making including ultra-clear glass, with a main determinant of the sand's suitability for specific applications and pricing being the level of the key impurity iron oxide (Fe₂O₃). Significant expansion of solar PV cell manufacturing capacity globally is driving demand for silica sand with Fe₂O₃ content of <200ppm and lower, which is a key focus market for Beharra.



Source: IMARC Group, Report Title: "Asia Pacific Silica Sand Market: Industry Trends, Share, Size, Growth, Opportunity and Forecast 2021-2026", Report Date: February 2021

Perpetual is targeting the high growth Asia Pacific silica sand markets, where independent market assessments have calculated a 40mtpa incremental market growth opportunity through to 2026.

This announcement has been approved for release by the Board of Perpetual.

For enquiries regarding this release please contact:

Mr. Nicholas Katris
 Company Secretary
 +61 433 180 967

Forward-looking statements

Certain statements contained in this document may be ‘forward-looking’ and may include, amongst other things, statements regarding production targets, economic analysis, resource trends, pricing, recovery costs, and capital expenditure. These ‘forward-looking’ statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by Perpetual, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies and involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements.

Forward-looking statements are often, but not always, identified by the use of words such as ‘believe’, ‘expect’, ‘anticipate’, ‘indicate’, ‘target’, ‘plan’, ‘intends’, ‘budget’, ‘estimate’, ‘may’, ‘will’, ‘schedule’ and others of similar nature.

Perpetual does not undertake any obligation to update forward-looking statements even if circumstances or management’s estimates or opinions should change. Investors should not place undue reliance on forward-looking statements as they are not a guarantee of future performance.

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