30 July 2025

QUARTERLY ACTIVITIES REPORT
Quarter Ended 30 June 2025

Emerging mineral processing technology company, Zeotech Limited (ASX: ZEO, "Zeotech" or "the Company"), is pleased to provide the following update and commentary on activities undertaken during the three-month period ended 30 June 2025 (the "quarter").

HIGHLIGHTS

- Zeotech's Preliminary Feasibility Study ("PFS") delivered a compelling business case and comprehensive technical and financial validation for the Company's AusPozz™ Project ("Project")[1]
- Project Net Present Value ("NPV_8") of $406m after-tax, and Internal Rate of Return ("IRR") of 42% after-tax from cashflow of $1,014m after-tax and earnings before interest, tax, depreciation and amortisation ("EBITDA") of $1,604m over Life of Mine ("LOM")
- Project life of 20 years supported by a subset of the total Mineral Resource comprising 10.87 Mt of Measured and Indicated Resource and a Payback Period of 2.1 years from free cash flow after commissioning the AusPozz™ Manufacturing Facility
- Substantial ongoing reduction of embodied carbon in the built environment would result from 1-for-1 replacement of cement with AusPozz™ in low-carbon concrete. At the Project's nameplate production, it could reduce carbon emissions by an estimated 229,800t CO_2-e per annum[1]
- Strong commercial interest in AusPozz™ validated by a sales/specifier prospect pipeline of 65 active leads and Memorandums of Understanding ("MOUs") with major industry players[1]
- Maiden commercial-scale concrete trial for AusPozz™ completed with several influential concrete and civil engineers from commercial construction companies and the Queensland Government Department of Transport and Main Roads[2]
- Independent concrete trials demonstrate that AusPozz™ can replace up to 40% of General Purpose ("GP") Cement and Limestone Type ("GL") Cement binder in concrete and improve product performance[2]
- Methane Control Program ("Program") at Griffith University ("Griffith") concluded, achieving its objective of developing an effective zeolite-based biofilter that adsorbs and eliminates methane emissions, with the strongest performing zeoteCH_4® biofilter tested under simulated landfill configurations consistently decreased methane emissions by more than 90% relative to the controls[3]

---

[1] ASX Release 24/06/2025 "AusPozz™ Project Preliminary Feasibility Study"
[2] ASX Release 23/04/2025 "Maiden AusPozz Commercial-Scale Concrete Demo Trial"
[3] ASX Release 12/05/2025 "Successful Completion of Methane Control Program"

- Two responses received to date from an Expressions of Interest ("EOI") campaign launched via the NSW Environmental Protection Authority ("NSW EPA"), inviting landfill operators to participate in on-site landfill methane control trials
- MOU executed with Jiangsu Mineral Sources International Trading Co, Limited ("MSI"), one of the world's leading independent bulk raw material trading companies[4]
- The Company received $1,469,500 from exercised options during the quarter. The options relate to the Company's placement completed in October 2024[5]

Zeotech, Chief Executive Officer, James Marsh, commented:

"We're very pleased to share the exciting outcomes achieved during a rewarding quarter, underscored by the release of the AusPozz™ Project PFS. This substantial milestone presents a compelling business case for manufacturing AusPozz™ in Australia, marking a significant step towards the Company delivering a superior supplementary cementitious material capable of contributing to the reduction of embodied carbon in the built environment.

This has been supported by the outstanding progress made by extensive product testing. Independent and commercial-scale concrete trials continue to affirm the technical strengths of AusPozz™, paving the way for its contribution to superior low-carbon concrete.

Additionally, our Horizon 2 initiative targeting methane emissions control is gaining traction. With the NSW EPA facilitating an EOI campaign, the Company has already received two promising responses for on-site landfill trials, with our aim being to target live trials as early as Q1 2026."

OPERATIONAL UPDATE

Metakaolin for Low-Carbon Cement & Concrete

Preliminary Feasibility Study (PFS)

The Company completed the AusPozz™ Project PFS during the quarter, which delivered a robust business case for the Company's high-reactivity metakaolin product, AusPozz™. The PFS evaluated the technical and financial viability of AusPozz™ and Kaolin DSO, utilising its ultra-high purity kaolin from the Toondoon Kaolin Project ("Toondoon") in Queensland.

AusPozz™ is a low-carbon SCM primarily targeting cement replacement in the domestic building materials market and potential export opportunities. The proposed AusPozz™ Manufacturing Facility is intended to be located at the Port of Bundaberg, Queensland (**Figure 1**).

The AusPozz™ Manufacturing Facility is proposed to comprise a single initial train with a nameplate capacity of 300,000 tpa, with the potential to allow for a second train expansion in the future to increase throughput to 600,000 tpa.

The Toondoon Kaolin Deposit will provide all kaolin ore required for the AusPozz™ Manufacturing Facility and export of Kaolin DSO products. Production targets for Kaolin DSO and Cosmetic Kaolin DSO products are 142,000 dtpa and 9,000 dtpa, respectively.

[4] ASX Release 05/05/2025 "MOU Executed with MSI for Toondoon DSO Kaolin and Bauxite"
[5] ASX Release 14/10/2024 "Successful Placement of $1.82m to Advance Company Projects"

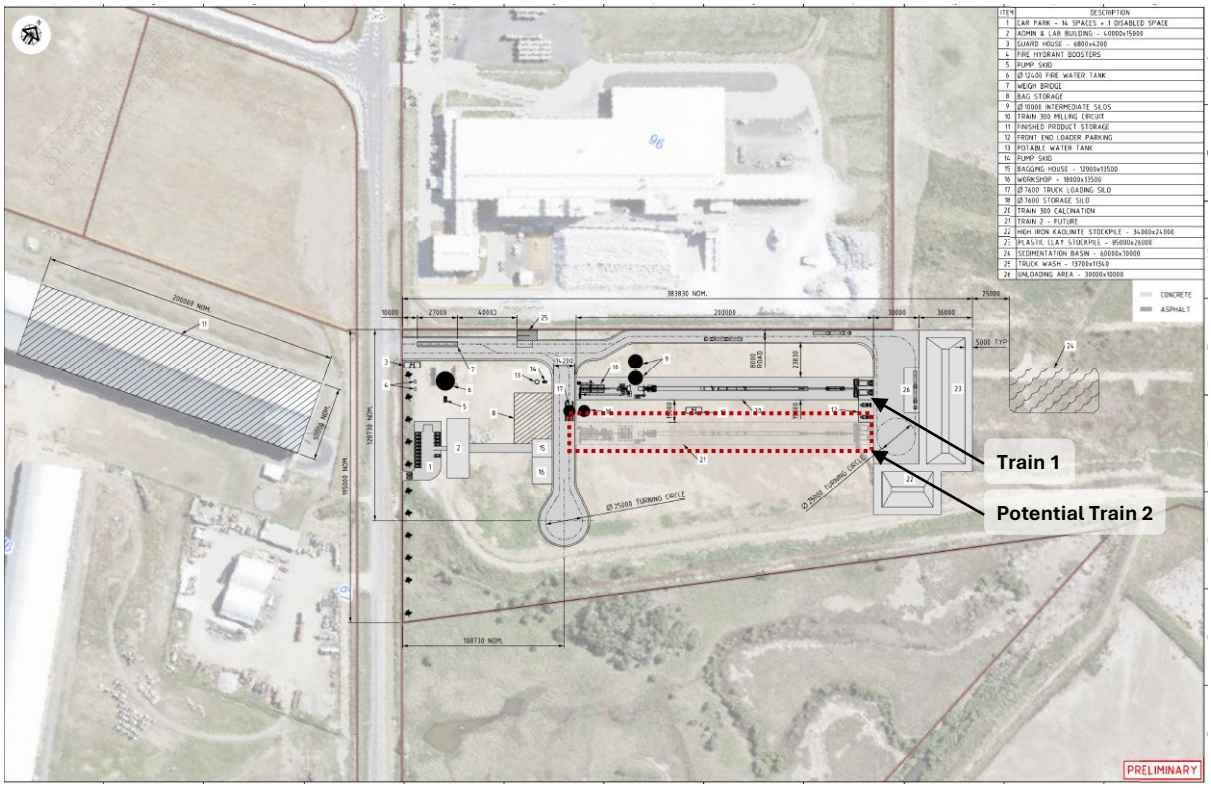

Figure 1: Proposed AusPozz™ Manufacturing Facility Area Site Layout

The projected LOM is 20 years for the Project, and the financial analysis and overall economics of the Project have been completed with an accuracy expected to be +/- 25%.

A summary of the key AusPozz™ Project parameters is presented in **Table 1**.

Table 1: Key Project Parameters

Parameter	Unit	Result	
Mine Plan			
LOM	Years	20	
Stripping Ratio (waste:ore)	t_{dry}	0.3:1	
Mineral Resource supporting the LOM[6]	Mt_{dry}	10.87	
Production Summary		**DSO**	**AusPozz™**
Mine Production (annual average)	kt_{dry}	153	371
Production Target (annual)	kt_{dry}	151	300
Financial Metrics		**Total LOM**	
		pre-tax	**after-tax**
Revenue	A$m	3,385	
EBITDA	A$m	1,604	
Initial Capital Cost	A$m	115	

[6] Plastic clay, kaolinite clay (high-iron), kaolinite clay (low-iron) classified as Measured and Indicated Resource

Parameter	Unit	Result	
Capital Requirement (indicative)	A$m	95	
Sustaining Capital	A$m	17	
Net Cashflow	A$m	1,455	1,014
NPV_8	A$m	548	406
IRR	%	56	42
Payback Period[7]	Years	2.1	

The Project's lifecycle analysis ("LCA") presents the potential of a substantial ongoing reduction of embodied carbon in the built environment, resulting from 1-for-1 replacement of cement with AusPozz™ in low-carbon concrete. At nameplate production, it could reduce carbon emissions by an estimated 229,800t CO_2-e per annum. This is the equivalent[8] of:

- Cars Off the Road: taking about 53,600 petrol-powered cars off the road yearly.
- Tree Planting: the continual planting each year and growing approximately 3.8 million tree seedlings for 10 years.
- Energy Use: annual carbon emissions from electricity use in over 30,860 homes.

Next Steps

The AusPozz™ Project PFS has presented a compelling case for Zeotech's entry into the SCM market through the development of a vertically integrated operation. Independent concrete trials confirm that AusPozz™ delivers a superior SCM product with a range of technical advantages.[9]

The PFS demonstrates that the Project is technically feasible, economically viable, and strategically aligned with sustainability in the built environment, driven by domestic and global decarbonisation goals, which are accelerating the growing demand for low-carbon SCMs.

Key findings include:

- **Strong Business Case:** The PFS confirms that AusPozz™ can be produced efficiently with a light carbon footprint, at low cost and low risk, with robust margins supported by strong market demand evident in the domestic construction and infrastructure sectors.
- **High-Quality Resource**: The Toondoon Kaolin Deposit is confirmed to be of ultra-high purity, with a kaolinite content > 90% in the ore clays, making it ideal for Kaolin DSO, Cosmetic Kaolin DSO, and economic AusPozz™ production.
- **Scalable Production:** Proposed nameplate 300,000 dtpa AusPozz™ Manufacturing Facility at the Port of Bundaberg is well-supported by infrastructure, logistics, utilities, and offers the potential for future Train 2 expansion.
- **Market Readiness:** The Company has a growing sales and specifier opportunity pipeline of 65 active leads and has secured early MOUs with major industry players, including Holcim[10] for AusPozz™ and MSI[4] for Kaolin DSO products.

[7] Payback period is calculated by dividing total Initial Capital Cost by free cashflow after AusPozz™ Manufacturing Facility is commissioned
[8] https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator
[9] ASX Release 15/04/2025 "Outstanding AusPozz Performance Independent Concrete Trials"
[10] ASX Release 28/10/2024 "Zeotech Executes MOU with Holcim Australia"

- **Environmental and Social Alignment:** The Project aligns with sustainability goals by offering a high-performance, low-carbon alternative to traditional cement, offering the potential to deliver a significant ongoing contribution to decarbonisation within the Australian built environment, while also supporting regional employment and community development.
- **Execution Pathway:** A clear roadmap has been established, with a DFS scheduled to commence in Q3 2025, leading to Final Investment Decision ("FID") in Q1 2026 and full AusPozz™ production achieved by Q1 2029.

The PFS concludes that the AusPozz™ Project is a strategically significant Australian first manufacturing opportunity for Zeotech to become a leading supplier of economic, high-performance, low-carbon metakaolin.

AusPozz™ has the potential to transform the domestic building and construction materials sector, making a positive and ongoing contribution to Australia's Net-Zero carbon emission goals.

The Company has commenced planning for the transition to a DFS, which is scheduled to begin in Q3 2025. The DFS will refine technical, regulatory, and commercial aspects, including:

- Conducting further drilling to expand and upgrade the Toondoon Kaolin Resource and feasibility-level assessments to address outstanding Modifying Factors and support future Ore Reserve estimation.
- Finalising environmental approvals and regulatory submissions.
- Optimising mine planning and conducting advanced geotechnical studies.
- Undertaking comprehensive vendor(s) plant and equipment trials.
- Completing engineering design and securing utility agreements.
- Executing binding offtake agreements supported by customer trials.
- Completion of the Port of Bundaberg site agreement(s), including storage options.
- Evaluating expansion or duplication of production trains that could increase AusPozz™ output and support the Company's Horizon 2 initiatives.

Horizon 2 initiatives involve the development of high-value downstream products utilising high-reactivity metakaolin feedstock to produce manufactured zeolites, opportunities under advanced development include:

- **zeoteCH$_4$®:** A proprietary zeolite formulation designed to eliminate landfill methane emissions.[11]
- **Animal Feed Supplements:** Offtake associated with a zeolite-based supplement aimed at preventing subclinical hypocalcemia, also known as milk fever, in cows.[12]

AusPozz™ Maiden Commercial-Scale Concrete Demonstration Trials

Zeotech ran a successful commercial-scale concrete demonstration of its AusPozz™ at Holcim Australia's largest Brisbane batching plant. This was the first commercial-scale demonstration of its type, and was attended by several influential concrete and civil engineers from organisations, including:

- Laing O'Rourke;

[11] ASX Release 12/05/2025 "Successful Completion of Methane Control Program"
[12] ASX Release 06/03/2024 "MOU Executed with Protekta North America"

- BMD Group;
- Empower Construction;
- Icubed Consulting; and
- Queensland Government - Department of Transport and Main Roads.

Independent concrete testing work conducted by Zeotech[9] earlier in the quarter, AusPozz™ was shown to be able to replace up to 40% of the cement in concrete used for large-volume applications, such as wind farm turbines, while also providing several desirable technical advantages. This gives AusPozz™ the potential to provide a 'total concrete solution' that targets the strategic pillars of decarbonisation, performance improvements, and cost savings.

A typical wind farm type concrete mix design (**Table 2**) with a 28-day strength target of 40MPa was selected for the demonstration to showcase AusPozz™ to key decision-makers active in the Australian concrete industry. A full concrete truckload of approximately three cubic metres was batched at the Holcim Australia plant using a low-carbon mix design of 40% AusPozz™ and 60% GP Cement, which replicated a mix design that achieved 28-day strength of 62MPa in previous laboratory-scale trials[9].

Reducing the total GP cement by substituting it with 40% AusPozz™ could significantly reduce the total embodied carbon associated with concrete.

Table 2: Wind Farm & Large Volume Mix Design Concrete

Description	40% AusPozz™ Design
Trial Type	Truck
Mix Number	1
Cement Type	GP
Cement (kg)	204
AusPozz (kg)	136
Total Cementitious (kg)	340
SEQ 20mm Aggregate	675
SEQ 10mm Aggregate	375
EQ Coarse Sand	400
SEQ Fine Sand	400
W/C Ratio	0.55
Bleed (ml) AS 1012.6	0
Bleed Under Pressure (ml)	14
Air Content (%)	2.20
Ambient Temp (°C)	24
Concrete Temp (°C)	29
Setting Time (hrs)	3.5
Unconfined Compression Strength (UCS)	
24hr (MPa)	9.0
3 day (MPa)	22.5
7 day (MPa)	40.0

The concrete batch was mixed and then poured into a concrete hotbox tester. This specialised test chamber is used to determine the heat transfer properties of concrete under simulated real-world conditions.

This type of test is particularly useful for assessing the thermal performance of large-volume concrete applications where the temperature differential between the core and the outer regions can present a significant issue if it becomes too high.

Figure 2: Concrete hotbox demonstration pour and temperature monitoring

The hotbox tester creates a controlled environment on both sides of the test specimen. This allows for precise control of temperature, humidity, air speed, and radiation properties, which simulates the conditions inside large concrete pours.

Zeotech engaged an independent concrete testing consulting company to collect other concrete samples from the commercial-scale batch to be evaluated under a range of standard concrete tests.

Concrete testing completed on site consisted of workability, slump, and bleed under hydrostatic pressure and the results are shown in **Table 2**.

Figure 3: Concrete samples collected for independent testing

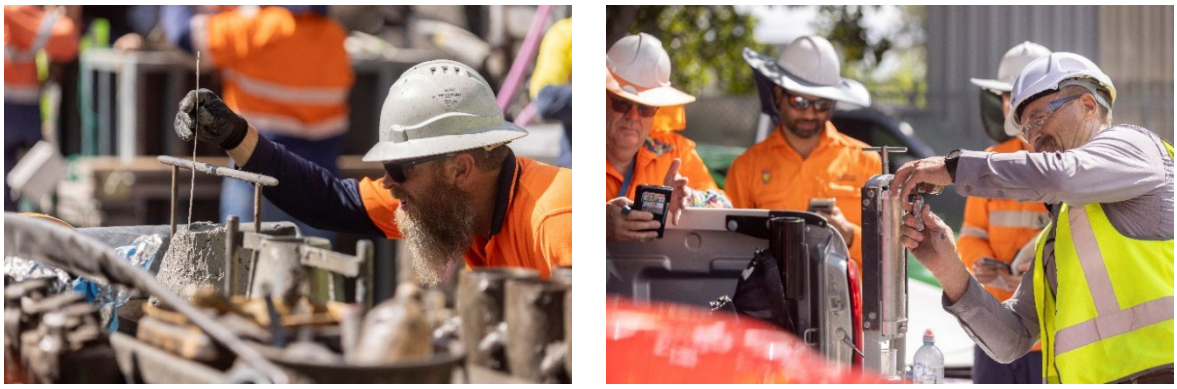

Figure 4: Slump and hydrostatic pressure testing

Once the demonstration was completed and all testing, including sample collection, was finished, a presentation on Zeotech and earlier AusPozz™ laboratory scale testing was given, followed by a question-and-answer session. This allowed attendees to fully understand the optimum application of AusPozz™ across a wide range of concrete mix designs by accessing over six months of experience from Zeotech's independent concrete consultant.

Figure 5: concrete workability testing

Initial hotbox testing revealed exceptionally low heat development in the concrete, which was the primary objective of the demonstration. Monitoring will continue over several days to track the temperature differential.

Other samples taken away for external expert testing include tests for strength and shrinkage, and the results of which will be available once they are complete.

Independent Concrete Trials Testing Program

Zeotech engaged an independent expert consultancy to evaluate concrete mix designs using AusPozz™, ensuring that it meets or exceeds performance standards and requirements for various customer applications.

The testing program evaluated six core concrete mix designs covering a wide range of targeted industry applications and assessed several properties, including compressive strength, flexural strength, workability, shrinkage, bleed, and temperature differential.

The independent expert conducted preparatory admixture benchmarking, encompassing water demand, workability, slump retention, and performance under hydrostatic pressure, over a six-month period. This testwork has provided Zeotech with valuable information about the optimal concrete mix designs for using AusPozz™.

Figure 6: Concrete sample preparation

Testwork Design

The trials focused on a standard 40MPa concrete mix design, which was selected to demonstrate the broad potential market opportunity. The 40MPa concrete mix is also a challenging mix design to reduce the cement content without compromising performance, providing an excellent test case for AusPozz™.

Testwork was undertaken using GP and GL cement types. GP Cement (mixes 1 & 3) is the most used type of cement in Australia due to its versatility; however, GL Cement (mixes 2, 4, 5 & 6) is gaining momentum as a lower-carbon cement option. Importantly, the test results confirm that AusPozz™ performs strongly with both cement types.

Table 3 shows the results for the 40MPa concrete mix design. This grade represents a significant sector of the construction industry, and the results confirm that AusPozz™ can replace up to 40% of cement while providing significantly higher strength and lower shrinkage.

Table 3: 40MPa Super Workable Concrete Mix Design

Description	Control	Control	20% AusPozz™	20% AusPozz™	30% AusPozz™	40% AusPozz™
Mix Number	1	2	3	4	5	6
Cement Type	GP	GL	GP	GL	GL	GL
Cement (kg)	400	400	320	320	280	240
AusPozz (kg)	-	-	**80**	**80**	**120**	**160**
W/C Ratio	0.49	0.49	0.49	0.49	0.49	0.49
Unconfined Compression Strength (UCS)						
7 day (MPa)	46.0	44.0	63.0	60.5	36.0	35.0
28 day (MPa)	57.5	52.0	77.8	82.2	66.0	65.5
56 day (MPa)	59.0	53.5	82.5	84.5	73.5	75.0
Shrinkage (Microstrains)						
7 Day Average	284	289	267	280	N/A	N/A
14 Day Average	413	460	412	411	N/A	N/A
21 Day Average	599	576	445	441	N/A	N/A
28 Day Average	865	854	475	472	N/A	N/A
Modulus of Elasticity (AS 1012.17)						
40 Day Average (GPa)	34	N/A	40	N/A	N/A	N/A

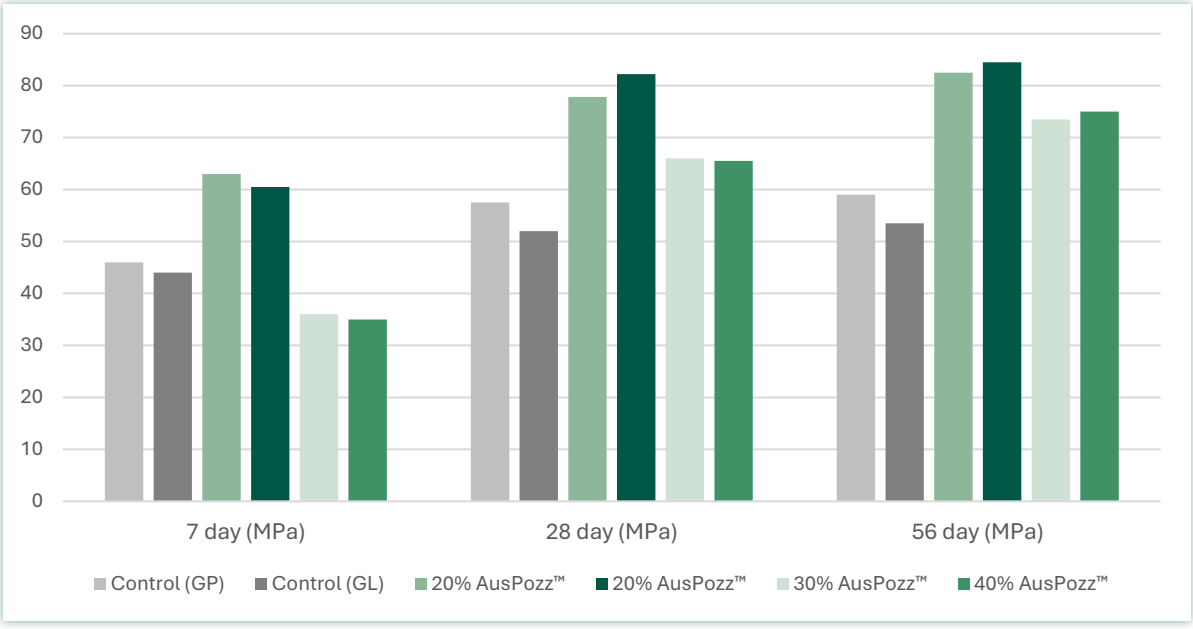

Figure 7: 40MPa Unconfined Compression Strength (MPa)

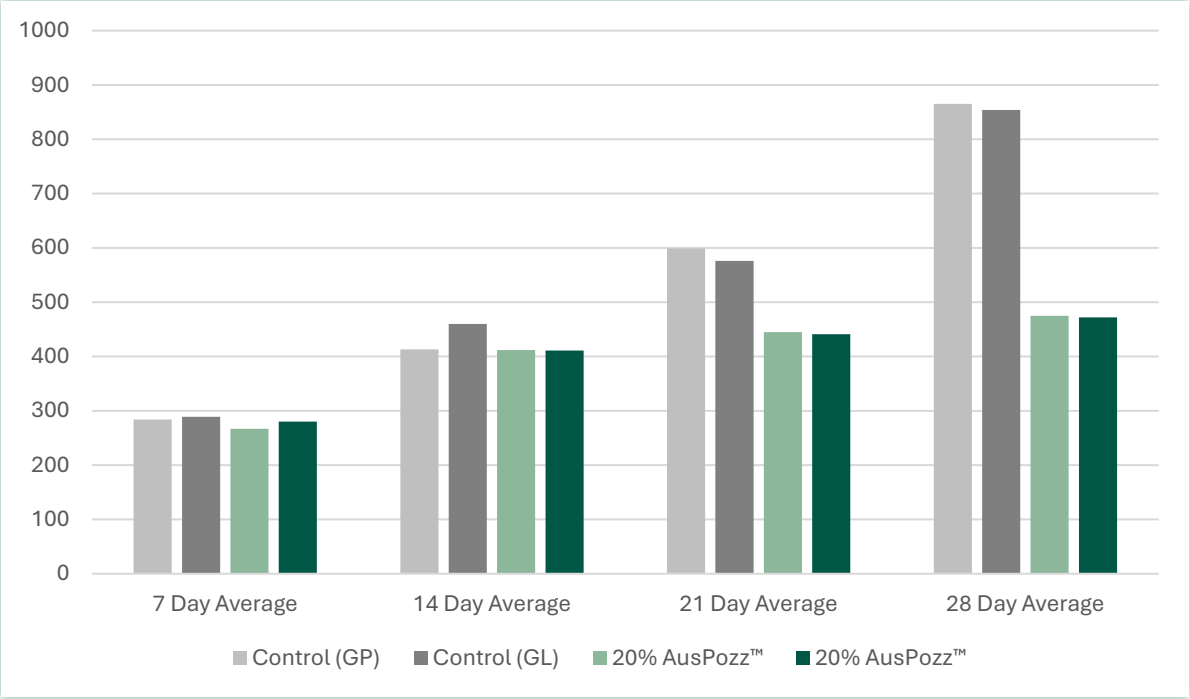

Figure 8: 40MPa Shrinkage (Microstrains)

Table 4 shows the results for concrete spray mix (shotcrete), widely used throughout Australia. The water-cement ratio was kept constant in this program to eliminate a variable, and the AusPozz™ concrete workability was maintained through the correct selection of admixtures.

Table 4: 32 MPa Spray Mix Design Concrete (Silica Fume Replacement)

Description	Control 20kg Silica Fume	20kg AusPozz™	20kg AusPozz™	60kg AusPozz™	60kg AusPozz™
Mix Number	1	2	3	4	5
Cement Type	GP	GP	GL	GP	GL
Cement (kg)	320	320	320	280	280
AusPozz (kg)	-	**20**	**20**	**60**	**60**
Silica Fume (kg)	20	-	-	-	-
W/C Ratio	0.59	0.59	0.59	0.59	0.59
Unconfined Compression Strength (UCS)					
3 day (MPa)	24.0	29.0	26.5	16.0	16.0
7 day (MPa)	32.0	39.0	35.0	28.0	26.5
28 day (MPa)	47.5	53.2	50.8	38.0	42.0

The shotcrete test work program aimed to replace silica fume, a costly and challenging additive to use. One-for-one silica fume replacement with AusPozz™ has delivered equivalent and improved strength when combined with GP and GL cement types.

Table 5 illustrates a typical concrete mix design used for large-volume pours, such as bases for windmills in wind farms.

A combination of AusPozz™ and cement was used to achieve the desired physical properties whilst reducing the embodied carbon and eliminating the problem of heat differential.

Table 5: Wind Farm & Large Volume Mix Design Concrete

Description	40% AusPozz™	40% AusPozz™	40% AusPozz™
Trial Type	Lab	Truck	Lab
Mix Number	1	2	3
Cement Type	GP	GP	GP
Cement (kg)	180	180	204
AusPozz (kg)	120	120	136
Total Binder (kg)	300	300	340
Bleed (ml) AS 1012.6	1.7	2.5	0.0
Bleed Under Pressure (ml)	20	20	10
W/C Ratio	0.62	0.62	0.55
Air Content (%)	1.4	1.1	1.6
Ambient Temp (°C)	27	26	24
Concrete Temp (°C)	28	28	26
Unconfined Compression Strength (UCS)			
24hr (MPa)	10.0	>10.0	10.0
3 day (MPa) Hotbox Cure	N/A	19.5	N/A
7 day (MPa)	33.5	31.0	38.0
28 day (MPa)	54.5	N/A	62.0
Shrinkage (Microstrains)			
7 Day Average	376	N/A	358
14 Day Average	436	N/A	420
21 Day Average	456	N/A	448

Temperature Differential

The primary aim of this evaluation was to produce a concrete mix design with a temperature differential between the 'Bottom' and the 'Core' of the Hotbox of less than 30°C.

Temperature differentials of this magnitude are a significant problem in the industry with large volume pours, as they cause cracking and failures. It is a difficult problem to solve, and it becomes considerably more difficult with the added constraints of decarbonisation.

The use of AusPozz™ in the mix design provides a total solution for these large-volume concrete applications, commonly used in wind farm construction and deep foundation pilings.

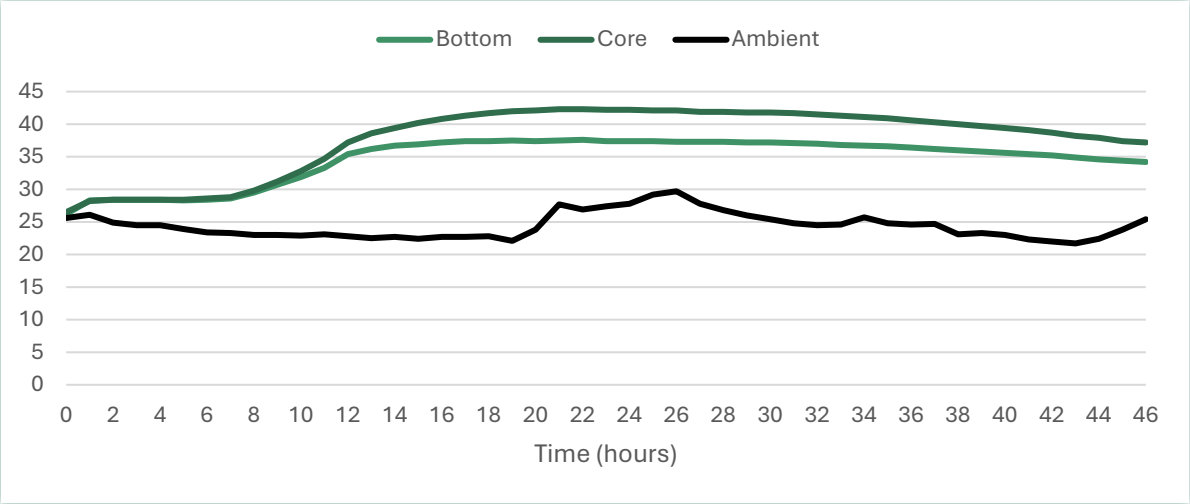

Figure 9: Hotbox Curing Profile for Large Volume Concrete (^{0}C)

Figure 9 shows an average temperature differential of about 4 - 5°C for this concrete test, noting that the black line is the ambient air temperature. This differential would present no problem in practice and successfully demonstrates that AusPozz™ can be used to give a technical and environmental solution.

Marketing & Development

MOU Executed with MSI for Toondoon DSO Kaolin and Bauxite

During the quarter, Zeotech executed a non-binding MOU with MSI, an international trading house established in China and one of the world's leading independent bulk raw material trading companies.

The MOU establishes the framework for negotiating the terms of potential Agreements for the Company's low-iron kaolin, pink cosmetic grade kaolin, and bauxitic clay DSO products.

Under a potential distribution agreement, MSI could purchase from Zeotech the following total minimum quantities of product over a 5-year term, as outlined in **Table 6**.

Table 6: Total Minimum Product Commitment (5 years)

Product	Total Minimum Quantity (5 years)
Low-iron Kaolin DSO	800,000 tonnes
Pink Cosmetic Grade Kaolin DSO	150,000 tonnes
Bauxitic Clay DSO	1,500,000 tonnes

Potential Agreements with MSI at the prescribed minimum quantities over an initial 5 year term exceed the production targets relied upon in the AusPozz™ Project PFS.

Furthermore, the potential to sell the bauxitic clay DSO product presents a value-add opportunity for the Company as it could provide a revenue stream for a product that would have otherwise been stockpiled, enhancing overall mining economics.

Zeotech has been working closely with the Gladstone Ports Corporation[13] at the Port of Bundaberg on the utilisation of their recently installed bulk mineral conveyor, ship loading system and DSO storage area. These facilities are perfectly positioned and ideally set up for bulk kaolin business use.

The MOU will expire on 31 December 2025 and may be terminated by either party by providing 30 days written notice.

Toondoon Kaolin

Metakaolin for Low-Carbon Cement & Concrete

Zeotech continued to build awareness through its active participation in industry networks and associations. The Company sponsored the Concrete Institute of Australia ("CIA") Melbourne 'Calcined Clay in Concrete' and the Brisbane 'Product Showcase' events, where presentations on AusPozz™ were made. These relationships support the Company's advocacy of low-carbon solutions and facilitate alignment with evolving industry standards, as well as connecting with decision makers in the construction industry.

Approximately 200 tonnes of kaolin feedstock from the Toondoon test pit were delivered to a facility in Melbourne for calcination using a commercial-scale kiln. However, this larger volume trial only achieved partial conversion to metakaolin that did not meet our quality control standards; therefore, it was decided not to proceed further. Results indicate that the non-standard kiln did not consistently achieve the target temperature range required to facilitate 100% metakaolin conversion.

In light of this outcome, the Company is progressing discussions with an alternative commercial scale kiln provider for the calcination of 500 tonnes of kaolin. In the interim, the Company continues to have a third-party produce approximately 1 tonne of AusPozz™ per week. This stable production contributes to building inventory and will support expanded concrete field trials that require up to 4 tonnes of AusPozz™, and are planned for Q3 2025.

Samples of the Company's AusPozz™ product were sent to the following companies for evaluation across a range of building products, including concrete, grout, and geopolymer applications:

- AdBri (CRH Australia)
- Heidelberg (Australia)
- Nucon (Australia)
- Hallet Group (Australia)
- Boral Australia
- Gunlake Concrete Australia
- Riyadh Cement (Saudi Arabia)
- Greentech Cement (Australia)
- Roma Group Taiwan
- GPC Australia
- Sika France and Australia
- DOW Chemicals China

[13] 24/02/2025 ASX Release "Zeotech Executes LOI with Gladstone Ports Corporation"

- Lariplast Israel
- Organica Australia
- University of Southern Queensland
- Vinci Construction France
- Melbourne University
- Deakin University
- Auckland University

Kaolin Direct Shipping Ore ("DSO")

During the quarter, samples of the Company's DSO kaolin were sent to the following companies for evaluation in a range of applications, including ceramics, coatings, aquaculture, and cosmetics:

- Vecor (Australia/USA)
- Jiangsu Mineral Sources International (China)
- Xatico (Europe)
- US Mineral Traders (China)
- Glacial Clay NZ
- MSI China (Bauxite Clay)

Investor Presentation

In May, the Company presented at the RIU Sydney Resources Round-up. The event provided an opportunity to give an update on the technical advancements and significant benefits from using AusPozz™ in concrete products. A video of the presentation is accessible here.

Shortly after the completion of the Company's AusPozz Project PFS in June, the study was unveiled at the Gold Coast Investment Showcase, providing a platform to share the project's robust technical and economic characteristics. A video of the presentation is accessible here.

To provide a more in-depth understanding of the AusPozz™ Project PFS, the Company hosted a webinar event and question-and-answer session. A video of the webinar is accessible here.

Griffith University

Successful Completion of the Methane Emissions Control Program

The Program commenced at Griffith in February 2023. It aimed to develop a zeolite-based technology (biofilter) for deployment within the surface capping soil of landfills to adsorb and eliminate methane emissions through chemical and/or biological oxidation, potentially mitigating a greenhouse gas with 28 times the global warming potential of carbon dioxide.[14]

The Program spanned four key activities:

- Activity A - zeoteCH_4® materials characterization and sorption potential;
- Activity B - Methanotroph loading and biotechnology development;
- Activity C - Configuration development; and
- Activity D - Field testing using simulated landfill configurations.

[14] IPCC. Climate Change (2014): Synthesis Report, IPCC, Geneva, Switzerland

In Activity A, six of the Company's zeolite-based products were screened for methane adsorption capacity, pH, and surface area. Three progressed to Activity B, where methanotroph loading and their interaction with the zeolites were measured.

Activity C involved engineering lab-scale configurations, which were developed using Activity B's two best-performing zeoteCH$_4$® products.

As part of Activity D, three pilot-scale simulated configurations containing landfill cover soils provided by Cleanaway were commissioned in May 2024.

Two configurations contained the Company's zeoteCH$_4$® products, which showed constant high oxidation rates in Activities A & B. The zeolite-based products are manufactured from the Company's Toondoon kaolin mineral and a coal combustion by-product from a southeast Queensland generator, utilising proprietary processing technology developed in-house by the Company.

The third configuration contained methanotroph inoculum-only, providing a benchmark for the Company's zeolite materials.

To evaluate the performance of the Company's zeoteCH$_4$® products, regular measurement of methane emissions from the capping soil treated with the zeolite technology was compared with measurements from untreated capping soil (control) from the same configuration.

Griffith University Field Trial Results

The field trial yielded promising results for the two zeoteCH$_4$® products. One of the zeoteCH$_4$® products was particularly effective. Apart from a short period of ineffectiveness for two weeks in November 2024 (attributed to severe rainfall experienced during the period), it consistently decreased methane emissions by more than 90% relative to the controls (i.e., cover soil only with no zeoteCH$_4$®).

The inoculum-only treatment was ineffective in methane elimination.

Next Steps

The Company has recently expanded the in-house pilot plant capacity at its labs at Brisbane Technology Park to manufacture up to 100 kilograms of zeoteCH$_4$® material per week. This will enable the production of larger quantities of zeoteCH$_4$® product to accommodate potential on-site landfill trials.

Griffith University and Zeotech presented the Program's findings to several interested groups during the quarter, including the NSW EPA. This presentation led to the commencement of an EOI campaign through the NSW EPA, which has invited landfill operators to participate in on-site landfill trials.

The EOI campaign is in progress and has already received two responses. The campaign will close in Q3 2025, targeting two on-site trials that are expected to commence in Q1 2026.

MINING TENEMENTS

Toondoon Kaolin Project ("Toondoon Project")

The Toondoon Project remains a cornerstone of Zeotech's AusPozz™ production strategy. During the quarter, activities focused on advancing the PFS, which aligns with the Company's broader objectives of commercialising AusPozz™ to advance low-carbon cement and concrete by leveraging the project's high-purity kaolin.

No groundwork was undertaken during the quarter; however, planning has commenced to complete an extended exploration program to expand the existing resource and deliver a Maiden Ore Reserve.

Abercorn Kaolin Project ("Abercorn Project")

The Abercorn Project is located in central Queensland and hosts a significant kaolin resource characterised by scale and consistent grade. While no active groundwork was undertaken during the quarter, the project is a vital part of Zeotech's long-term strategy for resource evaluation and development.

No groundwork was undertaken during the quarter.

CORPORATE

During the quarter, the Company received $1,469,500 from the exercise of options. The options relate to the Company's successful placement in October 2024[5]. Investors received one (1) for two (2) unlisted options at an exercise price of $0.06.

ANNOUNCEMENT SUMMARY

Date	Title
15/04/2025	Outstanding AusPozz Performance Independent Concrete Trials
15/04/2025	Independent Concrete Trials Webinar
23/04/2025	Maiden AusPozz Commercial-Scale Concrete Demo Trial
05/05/2025	MOU Executed with MSI for Toondoon DSO Kaolin and Bauxite
07/05/2025	Sydney RIU Conference Presentation
12/05/2025	Successful Completion of Methane Control Program
24/06/2025	AusPozz Project Preliminary Feasibility Study
25/06/2025	Gold Coast Investment Showcase Presentation
26/06/2025	AusPozz™ Project Pre-Feasibility Study Webinar

APPENDIX 5B – QUARTERLY CASH FLOW REPORT

The cash position of the Company on 30 June 2025 was $2.349m.

Details of mining exploration activities

Details of exploration activities during the quarter are set out above.

Exploration and evaluation expenditures for the quarter comprised $454,000 for Toondoon and Abercorn resource evaluation work and $25,000 for rents, rates, tenement management, and miscellaneous expenses.

Details of mining production and development activities

No production and development activities were undertaken during the quarter.

Research and Development Costs

R&D project Costs were $258,000.

Details of related party payments

The aggregate amount of payments to related parties and their associates included in the current quarter's Cash flows from operating activities was $149,000, comprising director salaries (inclusive of superannuation), directors' fees, and consulting fees.

This Announcement has been approved by the Board.

- End -

For further information, please contact:

James Marsh – Chief Executive Officer
james.marsh@zeotech.com.au
Tel: (+61) 7 3181 5523

Neville Bassett - Company Secretary
info@zeotech.com.au
Tel: (+61) 7 3181 5523

About Zeotech

Zeotech Limited (ASX: ZEO) is a team of dedicated people working together to build a future-focused company, leveraging wholly-owned high-grade kaolin resources to produce high-reactivity metakaolin (HRM) for the low-carbon concrete market and advanced materials for greenhouse gas (GHG) mitigation, such as zeolites for fugitive methane control.

Zeotech Limited - Social Media Policy

Zeotech Limited is committed to communicating with the investment community through all available channels.

Whilst ASX remains the prime channel for market-sensitive news, investors and other interested parties are encouraged to follow Zeotech on Twitter (@zeotech10) and LinkedIn.

Subscribe to ZEOTECH NEWS ALERTS - visit https://zeotech.com.au/contact/

No New Information

Except where explicitly stated, this announcement contains references to prior exploration results and Mineral Resource estimates, all of which have been cross-referenced to previous market announcements made by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of estimates of Mineral Resources that all material assumptions and technical parameters underpinning the results and/or estimates in the relevant market announcement continue to apply and have not materially changed.

Forward-looking Statements

This announcement may contain certain "forward-looking statements" which may not have been based solely on historical facts but are based on the Company's current expectations about future events and results.

Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, forward-looking statements are subject to risks, uncertainties, assumptions, and other factors, which could cause actual results to differ materially to futures results expressed, projected, or implied by such forward looking statements.

The Company does not undertake any obligation to release publicly any revisions to any "forward-looking statements" to reflect events or circumstances after the date of this announcement, or to reflect the occurrence of unanticipated events, except as may be required under the applicable securities laws.

Tenement Information as required by Listing Rule 5.3.3

The following is a table setting out the information as required by ASX Listing Rule 5.3.3, namely:

1. Mining tenements held at the end of the Quarter and their location;
2. Mining tenements disposed during the Quarter and location;
3. Beneficial percentage interests held in farm-in or farm-out agreements at end of Quarter;
4. Beneficial percentage interests held in farm-in, or farm-out agreements acquired or disposed of during the Quarter.

Location	Tenement	Interest at beginning of quarter (%)	Interests relinquished, reduced or lapsed (%)	Interests acquired or increased (%)	Interest at end of quarter (%)
Australia	EPM 19081	100%	Nil	Nil	100%
Australia	EPM 26837	100%	Nil	Nil	100%
Australia	EPM 26903	100%	Nil	Nil	100%
Australia	EPM 27427	100%	Nil	Nil	100%
Australia	ML 80126	100%	Nil	Nil	100%
Australia	EPM 27395	100%	Nil	Nil	100%
Australia	EPM 27866	100%	Nil	Nil	100%

Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity	
ZEOTECH LIMITED	
ABN	**Quarter ended ("current quarter")**
29 137 984 297	30 JUNE 2025

	Consolidated statement of cash flows	**Current quarter $A'000**	**Year to date (12 months) $A'000**
1.	**Cash flows from operating activities**		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation	(25)	(219)
	(b) development		-
	(c) production	-	-
	(d) staff costs	(511)	(1,885)
	(e) administration and corporate costs	(167)	(816)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	11	60
1.5	Interest and other costs of finance paid	-	(29)
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	906
1.8	Other (Technology expenses)	(258)	(890)
1.9	**Net cash from / (used in) operating activities**	**(950)**	**(2,873)**
2.	**Cash flows from investing activities**		
2.1	Payments to acquire or for:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	(54)
	(d) exploration & evaluation	(454)	(641)
	(e) investments	-	-
	(f) other non-current assets	(10)	(108)

Consolidated statement of cash flows		Current quarter $A'000	Year to date (12 months) $A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	**Net cash from / (used in) investing activities**	**(464)**	**(803)**

3.	**Cash flows from financing activities**		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	1,820
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options	1,470	1,470
3.4	Transaction costs related to issues of equity securities or convertible debt securities	(5)	(32)
3.5	Proceeds from borrowings	-	1,566
3.6	Repayment of borrowings	-	(1,066)
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
3.10	**Net cash from / (used in) financing activities**	**1,465**	**3,758**

4.	**Net increase / (decrease) in cash and cash equivalents for the period**		
4.1	Cash and cash equivalents at beginning of period	2,298	2,267
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(950)	(2,873)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(464)	(803)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	1,465	3,758

Consolidated statement of cash flows		Current quarter $A'000	Year to date (12 months) $A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	**Cash and cash equivalents at end of period**	**2,349**	**2,349**

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter $A'000	Previous quarter $A'000
5.1	Bank balances	2,266	2,219
5.2	Call deposits	83	79
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	**Cash and cash equivalents at end of quarter (should equal item 4.6 above)**	**2,349**	**2,298**

6.	Payments to related parties of the entity and their associates	Current quarter $A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	149
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.

7.	**Financing facilities** *Note: the term "facility' includes all forms of financing arrangements available to the entity.* *Add notes as necessary for an understanding of the sources of finance available to the entity.*	**Total facility amount at quarter end $A'000**	**Amount drawn at quarter end $A'000**
7.1	Loan facilities	1,000	1,000
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	-	-
7.4	**Total financing facilities**	1,000	1,000

7.5	**Unused financing facilities available at quarter end**	-

7.6 Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.

$1,000,000 Loan secured by land (360 Jankes Road, Brovinia, QLD)
- Lender: Mr Michael John Gregg and Mrs Suzanne Jane Gregg
- Interest Rate: 8.0% per annum
- Maturity Date: 24 March 2026

8.	**Estimated cash available for future operating activities**	**$A'000**
8.1	Net cash from / (used in) operating activities (item 1.9)	(950)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(454)
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(1,404)
8.4	Cash and cash equivalents at quarter end (item 4.6)	2,349
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	2,349
8.7	**Estimated quarters of funding available (item 8.6 divided by item 8.3)**	1.67

Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.

8.8 If item 8.7 is less than 2 quarters, please provide answers to the following questions:

8.8.1 Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?

Yes, however, if necessary will reduce discretionary spending.

8.8.2 Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?

The company continually monitors its cash position and forecast and will, as necessary, take appropriate steps to ensure further funding will be available as required. The company has sufficient placement capacity and a proven track record of being able to raise additional capital should it be required.

8.8.3	Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?
The company expects to be able to continue operations and achieve its business objectives, for the reasons outlined in 8.8.1 and 8.8.2.	

Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.

Compliance statement

1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.

2 This statement gives a true and fair view of the matters disclosed.

Date: 30 July 2025

Authorised by: By the Board
(Name of body or officer authorising release – see note 4)

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.

2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.

3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.

4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [*name of board committee – eg Audit and Risk Committee*]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".

5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.