



# QEM Newsletter

## Julia Creek Vanadium Project

The purpose of this Newsletter is to provide stakeholders with an update on the Julia Creek Project.

QEM Limited (QEM) is an ASX-listed company developing the Project, located in one of the world's richest critical minerals regions, on Wunumara Aboriginal Lands, six kilometers (km) south-east of Julia Creek in the McKinlay Shire, North West Queensland.

The Project holds a globally significant vanadium resource and significant hydrocarbon resources, and it will deliver and utilise innovative and sustainable energy solutions.

## Drilling Campaign UPDATE



### In this Issue:

- ✓ Drilling Campaign Update
- ✓ Renewable Project Update
- ✓ Environmental Update
- ✓ Community Update

Last month, QEM completed an extended drilling campaign on-site in Julia Creek.

This campaign targeted several locations across the tenement and took approximately 20 days. The purpose of the campaign was resource exploration, ground water bore construction (for environmental monitoring) and geotechnical analysis.

Thank you to all of the local contractors, businesses and landholders who assisted QEM in the planning, procurement and preparation during the campaign.

# RENEWABLES PROJECT

QEM's Renewables project is well underway with the commissioning of all of the wind and solar monitoring equipment. The Met Mast, SoDAR and Solar Monitoring Station, are all currently recording live meteorological data and conditions on-site. So far, the results have been very promising.

The data captured by the meteorological equipment will provide QEM with enough recorded data to complete the bankable/definitive feasibility study for the renewables project and assist in reducing the Project's uncertainties.

QEM intends to share the data gained from the Met Mast, Sodar and Solar Monitoring station with the Bureau of Meteorology, McKinlay Shire Council and the Julia Creek Aerodrome.

## ENVIRONMENTAL UPDATE

Epic Environmental is progressing through the planning stage of an Environmental Impact Statement (EIS), undertaking extensive baseline studies across the Julia Creek Project area. In order to understand the projects environmental impacts, it is important to understand the baseline, or existing state of the environment.

### Ecology Baseline

In March 2022 Epic completed baseline ecology field surveys at the Project site to generate a baseline list of species. The field surveys involved trapping for small mammals, reptiles, bird surveys, vegetation studies and targeted searches for the Julia Creek Dunnart. No Julia Creek Dunnart were found during the survey. Understanding the habitat values of the Project site is important to inform what impact the Project may have on habitat connectivity and fragmentation, species populations and biodiversity in general.

These flora baseline surveys will be repeated later this year. QEM and Epic Environmental are currently planning the next ecological survey for October-November this year.

### Groundwater and Surface Water Baseline

Groundwater monitoring wells were installed across the Project site in August 2022, so that the groundwater baseline environment can be further understood. Monitoring will be limited to the relatively shallow water table aquifers and not anticipated to include the much deeper Great Artesian Basin aquifer. Now that the wells are installed, the groundwater will be sampled regularly to obtain a baseline dataset of physiochemical parameters. Surface water sampling will also be undertaken regularly throughout the year and after high rainfall events.



# COMMUNITY UPDATE

## AusIMM North-West Queensland Branch:

A reminder that the 2022 AusIMM NWQ Branch Conference will take place on Friday the 2<sup>nd</sup> September 2022 at the Cloncurry Community Precinct in Cloncurry.

We are excited to announce the keynote speaker for the conference is Gavin Loyden, Managing Director of QEM. Gavin will provide insight into QEM, the vision for critical minerals in North-West Queensland and about the Julia Creek Vanadium Project and how it supports this vision for the region.

Following the conference is the annual AusIMM ball which will be held from 6:30 PM – Late at the Cloncurry Community Precinct, Cloncurry. This years theme is 'Alice in Wonderland', with tickets inclusive of a buffet meal and unlimited alcohol. Entertainment for the night will be provided by local band; Pacific Groove, as well as a local DJ. Tickets are \$50 and are available from the registration link in the flyer attached or linked below.

Please register for the Conference and Ball by following the links below:

- [Conference](#)
- [Ball](#)

## Julia Creek Events

Gavin Loyden and Lian D'Netto will be at the **Julia Creek Race Day** on Saturday 3rd September and look forward to catching up with anyone who wishes to discuss the project.

Lastly, the team will be heading up for the **Town v Country** weekend (Sept 30 until Oct 2) - rugby league and ball – and would love to see you out there for that too.

As proud Julia Creek Saints sponsors, we were delighted to receive a photo of one of the junior teams presenting the Julia Creek Saints in QEM's jersey last week!

