

## WELCOME

to the third issue of the  
Julimar Project Newsletter.

The purpose of this newsletter is to provide regular updates on our Julimar Project, located in the Shire of Toodyay.

Chalice is a WA-based exploration company with a long track record of responsible exploration. In March 2020, Chalice made a major platinum group element (PGE), nickel, copper, cobalt, gold discovery at the Julimar Project. The Project comprises several granted exploration licences over private farmland and the Julimar State Forest.

## Recent Property Purchases



Chalice recently purchased a further four farms surrounding the Julimar discovery.

Chalice also recently purchased the Avalon Homestead to utilise as a field base. This ensures Chalice's field team remain part of the local community, goes some way to ease the current shortage of accommodation within the Toodyay Shire.

Local residents can expect to see more of our Avalon Property Managers, Wendy and Lisa (above), who are tasked with keeping our camp well stocked using local suppliers.

## Project Updates

This issue marks the first anniversary since the Chalice team began work at the Julimar Project in March 2020. It has been a busy 12 months, with recent activities including:

- Seven drill rigs operating across two Chalice-owned farms at the discovery.
- Drilling has continued to expand the size of the mineral deposit and is expected to continue until late 2021.
- Chalice has completed initial non-ground disturbing exploration activities within the Julimar State Forest (JSF), in accordance with the approved Stage 1 Conservation Management Plan (CMP).
- Chalice proudly commenced support of the Toodyay Lions Football Club, the Toodyay Agricultural Show and the Marsupial Mamas and Pappas wildlife rescue.



The Chalice team celebrating the first anniversary of the Julimar discovery during a recent site visit in March.



# When will the Julimar discovery become a mine?

## Typical Development Timeline for a Mining Project



Over the last few months, Chalice has continued to engage with key groups from surrounding communities to establish connections and answer queries relating to the Julimar Project. A frequent question arising from these conversations is when Julimar will become a mine.

The diagram above shows a typical timeline for a mining project with several stages of progression. Although some projects advance more quickly, it is rare for a project to get from discovery to a decision to mine in less than 5 years, especially if it is located in a new region.

Chalice have commenced early feasibility studies, also known as scoping studies, to determine if the discovery can be developed into a feasible mining project. The initial scoping studies will analyse costs, processing, mine design, infrastructure, as well as environmental and social impacts. Further studies will then be needed to demonstrate the economic feasibility of the project with sufficient certainty to allow a decision to mine. Multiple key regulatory approvals are required throughout this process, including extensive environmental and heritage approvals.

## General Manager ENVIRONMENT AND COMMUNITY



Chalice is thrilled to welcome Dr Soo Carney to the team (pictured above).

Soo is highly regarded within the industry and brings over 20 years of experience specialising in environment, health and safety, Indigenous affairs, government relations and community investment.

Soo's first priority is expanding Chalice's understanding of the area to ensure we deliver on our commitment to protecting the biodiversity of the Avon region.

## Toodyay Agricultural Show CALL FOR EXPRESSIONS OF INTEREST



Chalice is a proud sponsor of the Toodyay Agricultural Show, to be held on 9 October 2021.

Planning for the big day is now underway, and the Toodyay Agricultural Society are seeking volunteers from local community groups, organisations, businesses and individuals to carry out a number of key tasks at the event.

For more information or to volunteer your services, please contact the Show Admin Officer on: [toodyayagsociety@gmail.com](mailto:toodyayagsociety@gmail.com) or 0427 299 330. Chalice is looking forward to hosting a booth at the Show.

## Julimar is a 'green metals' discovery - metals which are needed to address climate change

### Palladium



Used to remove nitrogen oxides from exhaust fumes, which are 300x more potent than CO<sub>2</sub> as a greenhouse gas

### Nickel



The key battery cathode material in EVs, **high nickel NMC 811 batteries** are the favoured chemistry

### Copper



Used extensively in the green energy industry including in **renewables, energy storage and EVs**

### Platinum



Highly effective catalyst in **hydrogen applications, including green hydrogen production and fuel cells**