

ATACAMA PROJECT



Iluka acknowledges the Far West Coast People as the Traditional Owners of the land, and pay our respect to Elders past, present and emerging.



ABOUT THE PROJECT

Iluka is proposing the construction and operation of the Atacama Project as an extension to the existing Jacinth Ambrosia (J-A) mine, approximately 200 km northwest of Ceduna. The Atacama Project is currently in pre-feasibility stages and a Mining Lease Application has been submitted. The Project proposes the production of mineral concentrate of zircon and ilmenite from the Atacama mineral sands deposit.

Zircon is typically used in ceramics manufacturing, including for tiles and bathroom wares, as well as digital printing, casting, foundry, and general manufacturing.

Ilmenite is used to produce synthetic rutile, which is a high grade titanium oxide product. Around 90% of titanium dioxide globally is used as a pigment in the manufacture of paint, plastic, paper and fibre.

The Atacama Project site is located adjacent to the existing J-A mine and would be developed as a satellite deposit making use of J-A's existing facilities to maximise efficiency and reduce impacts where possible.



Workforce – anticipated total workforce increase of approximately 300-350 operational employees



Water supply – existing J-A borefield will supply water within the sustainable yield from the hypersaline aquifer



Traffic and access – no anticipated increase in truck movements from current levels transporting Heavy Mineral Concentrate to Port Thevenard during operations



Tailings – coarse sand and fine sand tailings would be produced and deposited within the J-A mine footprint



J-A infrastructure – existing J-A mine offices, emergency communications, transport and logistics capability would be utilised



Processing – additional processing, product storage, power generation and reverse-osmosis water production modifications would be undertaken at the J-A site



Accommodation village – the existing accommodation camp will be expanded



Port Thevenard – potential minor increases in the total product stored at Port Thevenard



Shipment – concentrates produced from the Atacama Project will be shipped from Port Thevenard inter-state to Iluka's Western Australian processing facilities



Airstrip – potential minor changes to the existing onsite airstrip

PROJECT BENEFITS

- Extended and maximised J-A mine life
- Enhanced economic benefits to the region, including increased employment and business opportunities
- Continued partnerships with the Far West Coast Aboriginal Corporation
- Continued social investment into the local area



ATACAMA PROJECT

Location:

Yellabinna Regional Reserve, 200km northwest of Ceduna, Eyre Peninsula

Resource:

Zircon and Ilmenite

Current project stage:

Pre-feasibility

MINE LIFE

J-A's total mine life will be extended by approximately four 4 years by inclusion of the Atacama deposit.

ANTICIPATED TIMING

Iluka is conducting a staged assessment to determine the Atacama Project's technical, environmental, social, and economic viability.

It is anticipated that Iluka will determine the feasibility of the Atacama Project proceeding in the second quarter of 2023.

MINING LEASE APPLICATION

The impacts of the Atacama Project will be assessed through State and Federal legislation. A crucial part of this assessment is the application for a Mining Lease under the SA Mining Act. The Mining Lease Application requires a suite of technical environmental assessments to support the application. As part of this process, Iluka has engaged with key stakeholders to gather feedback on the Project and to address potential concerns.

The Mining Lease Application was submitted end February 2023.

TECHNICAL ASSESSMENTS

Technical assessments completed to support the Mining Lease Application have included:

- Social Impact Assessment
- Traffic and Transport Assessment
- Air Quality Technical Assessment
- Biodiversity Technical Assessment
- Rehabilitation and Mine Closure
- Groundwater Impact Assessment
- Surface Water Impact Assessment

HAVE YOUR SAY

Public exhibition period

The Mining Lease Application was lodged with the Department for Energy and Mining on 23 February, the application will be available to the general public alongside all supporting technical and environmental assessments. Once the Department has reviewed the application, there will be a public exhibition period lasting for a minimum of two weeks, during which members of the public will be able to provide feedback via submissions which Iluka will subsequently review and respond to.


All submissions will receive a written notification regarding the outcome of the Mining Lease Application, and if the lease is granted, the terms and conditions of the lease.

Drop-in community Information Sessions at Ceduna Office

A copy of the Atacama Project Mining Lease Application will be available at the Iluka's Ceduna Office, where additional Project information can also be found. Upcoming Atacama community drop-in information sessions will be held at Iluka's Ceduna Office. Register your interest by calling our 24-hour community line on 1800 305 993.

FURTHER INFORMATION

For more information about the Atacama Project or if you would like to receive future Project updates, contact:

 Visit: iluka.com/operations-resource-development/engagement-hub

 Email: communities.support@iluka.com

 24/7 Iluka Community hotline: **1800 305 993**



ILUKA