

# Great White Kaolin Project

## Frequently Asked Questions

### Will there be opportunity for jobs?

Up to 75 direct jobs will be created in the Poochera/Streaky Bay region.

### How and when can I apply for a job?

Andromeda will advertise locally and online for employment opportunities as they arise. You can register your interest and provide a resume to [humanresources@andromet.com.au](mailto:humanresources@andromet.com.au)

### How much work will be available for local business?

Andromeda is proudly South Australian. Where possible, there is a commitment to source from locally based and South Australian suppliers.

### How can I register if I am interested in becoming a supplier for the Project?

Please send a capability statement to [humanresources@andromet.com.au](mailto:humanresources@andromet.com.au)

### What is the approvals process?

The submission and approval of a Mining Lease Application (MLA) is an iterative process. Terms of Reference 006 specifying the minimal information required in the MLA and the level of confidence required has been provided by the Regulator.

A Mining Proposal (MP) addressing the Terms of Reference is submitted along with MLA for review by Department for Energy and Mining (DEM; Regulator) and its associated regulatory departments

The regulatory process includes a statutory public consultation period which provides for members of the public to make comment on the proposed Project. Any concerns relating to the Project can be submitted to the Regulator for consideration in the review process.

Once the MP and MLA are assessed, the Minister may approve the Proposed Development and provide Mining Lease Conditions.

A Program for Environment Protection and Rehabilitation (PEPR) must be prepared to address the Mining Lease Conditions. Once the PEPR is approved construction can commence.

### When will the Mining Lease Application be lodged?

Lodgement will only occur once the Mining Proposal meets expectations and the requirements of the Terms of Reference as assessed by the Regulator. This is anticipated to be in the first quarter 2021.

### When will the mine start?

Pending approvals and finance, on-site works are planned for early 2022. Construction of Stage One infrastructure will take up to 3 months from approval. Mining will commence immediately after the completion of construction.

### What will the mine look like?

A mine site plan has been developed and shown during Community Drop-in Days in February 2021. A copy of the mine site plan can be seen on the Andromeda website: [www.andromet.com.au](http://www.andromet.com.au)

## How will ore be processed?

Kaolin ore from the pit will be mined using conventional techniques using excavators and trucks, to a depth of approximately 40 metres, with shallow angled walls.

Once the wet-processing plant is constructed (during Stage Two), kaolin ore will be fed into the plant and washed with water to remove sand and produce a concentrated kaolinite product. The washed sand is dewatered before being returned to the pit by truck.

Concentrated kaolinite is extruded into noodles, dried and bagged. Bags will be transported via truck to port.

## What is the expected Life-of-Mine?

The Proposed Development has an anticipated Life-of-Mine of 26 years. Current construction timeline is estimated to be 3 months from approval.

## What will the mine operating times be?

Processing will be undertaken on a 24-hour cycle, 7 days per week. Mining will be undertaken during daytime only, 6 days per week.

Shift schedules for weekday, weekend and evening work are yet to be determined.

## What are the different stages of the mine operation and development?

There are two stages to the Proposed Development:

**Stage One** - Direct Shipping of Ore (DSO) – includes an access road, soil, overburden and Run-of-Mine (ROM) stockpiles, several large sheds and workshops, offices and parking area.

**Stage Two** – wet-processing of the ore - includes a processing plant to allow on-site wet-processing, along with further workshops, gas storage and power generators.

## What are the power sources for operation of the mine?

During Stage One, diesel generators will power operations.

During Stage Two, gas turbines will provide power generation and provide an opportunity to capture exhaust heat and gas for drying the product, providing significant energy efficiencies.

## Where will the mine get water from?

During Stage One, water will be trucked to site from Poochera at a rate of approximately 50 kL/day.

During Stage Two, a water pipeline from the trunk main at Poochera will supply up to 10 l/s required.

## Where will the water supply pipeline go?

The proposed water pipeline will be installed parallel to the existing water network along the Streaky Bay Road and along the road verges of the Poochera – Port Kenny Road to site. In consultation with SA Water, duplication of the current pipeline along the Streaky Bay Road from Poochera is planned.

An MPL is planned to enable the construction of the new pipeline along the Poochera – Port Kenny Road.

## What is the potential impact on water supply (pressure and quality) for other users?

The new connection from the trunk main at Poochera is expected to supply water to the operation without adverse impact to existing users. Groundwater drawn from bores by local users has been included in the water studies with no perceivable impact expected.

### **Can the mine use ground water for processing of ore?**

Groundwater is unsuitable for use in processing due to its high salinity and scarcity.

### **How does Andromeda gain access to private property?**

Entry onto private land involves formal notification required by the *Mining Act 1971* and prior consultation with the landowner.

Mineral resources in South Australia are owned by the State. All South Australians benefit from the development of mineral resources through royalties, taxes, jobs and investment. It is because of this common ownership that the laws provide companies a path for access onto the land.

### **What will be the impact of noise on nearby farms during construction and operation?**

The Environmental Protection Authority (EPA) stipulates noise limits during construction and operation. Construction activities are regulated under Part 6, Division 1—Construction noise of the Environment Protection (Noise) 2017 (EPP). Mining activities are regulated under Part 4—General noise control provisions of the EPP.

A noise impact assessment undertaken by Andromeda indicates that relevant noise criteria is unlikely to be exceeded by the Proposed Development during construction or operations. Bunding, site location, design and selection of plant and equipment, will be used to minimise impacts.

### **Will there be noise from blasting?**

Overlying layers of silcrete and calcrete may require limited drilling and blasting, on an as needs basis. Andromeda will comply with the Australian blasting compliance limits AS 2670.2–1990.

### **Will there be increased dust from the mine? Will dust from increased road use drift over nearby farms?**

Air quality monitoring including measuring dust around the perimeter of the Proposed Development will be undertaken as required.

Any potential dust generating sources will be actively managed and maintained. Limits will be regulated by the EPA.

Andromeda will, where possible, mitigate or eliminate sources of dust and manage the impact by design, such as the use of water trucks as necessary, maintenance of internal roads with the use of dust suppressants, minimisation of vehicle movements and speed within mine site and use of covered trucks.

### **Will the mine impact any native flora or fauna?**

Several on ground (field) and desktop surveys were conducted of the Project area, during which no listed species were identified. There are no expected impacts to Matters of National Environmental Significance (MNES).

### **What 'clearance' will happen because of the proposed mine operation?**

The Proposed Development is predominantly located within previously cleared agricultural land. The Project footprint has been designed, where possible, to avoid native vegetation and conservation areas.

## **Why is land covered by Native Vegetation Heritage Agreement being used?**

An access road is proposed along the northern boundary of the adjacent Crown land which is covered by Native Vegetation Heritage Agreement (HA 511). The proposed access road uses a portion of this land which is degraded by historic quarrying and selected to minimise impact on both native vegetation and agricultural land. The proposed access road is the most direct route to the Eyre Highway and therefore minimises on-going emissions from product transport.

## **Have you been in contact with Traditional Owners?**

Our Community Engagement Policy commits Andromeda to open, transparent and engaging dialogue with communities, including Indigenous communities. Andromeda has engaged with The Wirangu as an important stakeholder to the Proposed Development.

## **What type of truck will be used?**

A traffic assessment has been undertaken to determine the suitability of vehicles, sizes and combinations. It identified that combinations up to Quads could be used.

The traffic assessment has determined that A-triples are most suitable for the Proposed Development.

## **How many trucks will there be every day?**

The use of A-Triple trucks will provide a frequency of up to 24/day, during Stage One for ore transport and 10/day during Stage Two for product transport.

## **What is the proposed route from mine to port?**

Andromeda is working in collaboration with the District Council of Streaky Bay and the Department for Infrastructure and Transport (DIT) to determine the appropriate traffic route depending on the port chosen.

Three port options are being considered: Thevenard, Lucky Bay, and Whyalla.

For all port options, ore will be trucked along the Poochera – Port Kenny Road and Streaky Bay Road to the Eyre Highway.

## **Is there going to be an impact on the local roads?**

Discussions are ongoing with District Council of Streaky Bay regarding any road upgrades on Poochera – Port Kenny Road and the intersection with Streaky Bay Road. Upgrades to Poochera – Port Kenny Road will make the route safe for the operation of trucks and safer for the wider community. Andromeda will maintain Poochera – Port Kenny Road to a safe and operable standard.

## **Won't more trucks make roads less safe – especially during school pickup and school bus runs?**

Any transport associated with the Proposed Development must comply with the law to ensure that vehicles, equipment, and its use is safe.

Poochera Port – Kenny Road will be maintained to ensure that it remains in serviceable condition and that safety for the employees and other road users is not reduced. Haulage traffic will be timed to avoid school bus services along the Poochera – Port Kenny Road.

## **What will the land look like when mining stops?**

The site will be left in a non-polluting and stable manner. A mine closure plan will be developed during the PEPR process, which must be approved by the Regulator prior to construction of the mine commencing.