Tier 1 Kaolin asset in South Australia - Clear pathway for profitability and operational excellence

Metals & Mining

We initiate coverage on Andromeda Metals (ASX: ADN) with a **12-month target price of A$0.054**, representing a **348% upside** from the current share price of A$0.012. Andromeda is focused on the development of the Great White Project (GWP) in South Australia's Eyre Peninsula which is a construction-ready world-class **kaolin asset** supported by a **15.1 million tonne Ore Reserve**. The project is significantly **derisked** with funding backed by the recent credit-approval of a debt facility of A$75 million from Merricks Capital. A successful completion of financing for the first of the GWP's 3 stages, Stage 1A+, is the **near-term re-rating catalyst**.

Construction-ready Tier 1 asset with strong project economics

Established **Ore Reserves of 15.1Mt** supporting long-term production across three development stages potentially reaching 330k wet metric tonnes (wmt) p.a. capacity. The Great White Project is **significantly derisked** with the staged development minimizing the risk for all stakeholders. We think the most critical stage for Andromeda is Stage 1A+ (production up to 100k wmt p.a.) wherein the capex is front loaded (A$ 101 Mn including sustaining capital), and this is significantly derisked from the financial standpoint. This is on the back of the credit approved debt facility of A$ 75 Mn from Merricks Capital. The project economics are poised to improve as it ramps up the production in Stage 1B and Stage 2 wherein the capex requirements are lower than Stage 1 and the operational efficiencies materialise from higher volumes. This implies **very strong project economics as Andromeda progress through future stages.** Additionally, project economics are supported **by low-cost, conventional open-pit mining operations, as well as the premium pricing achieved under binding offtake agreements in the high-value markets targeted by Andromeda.** Importantly, Andromeda has already procured the long lead items required for initial production and has significantly derisked the GWP through staged development plan as it **minimizes the execution and capital risk.**

Premium market positioning to drive long-term value in the growing market

GWP produces high purity kaolin targeting high-value ceramics market segments where only a few global kaolin sources qualify for use in premium applications. This sees the project's high-quality halloysite-kaolin blend able to command premium pricing in the high-end market segments targeted by Andromeda. Premium segment demand growth and ongoing constraints from high-quality kaolin supply sources, due to historical mine depletions, Ukraine supply disruptions, and Chinese domestic shortfalls, create a favourable pricing environment.

Valuation Range of A$0.045–A$0.062 per Share

Using an NPV methodology, we estimate ADN's intrinsic value to be A$0.045 per share in a base case scenario and A$0.062 per share in a bull case. Our **mid-point target price of A$0.054 highlights the significant upside potential**, driven by the company's high-quality deposit, scalable operations and the premium end-markets. We also see **further upside potential from the high-purity alumina (HPA) opportunity and other projects** which are not incorporated in our projections.

(A$'M, Year-end June)	Base Case	Bull Case
Project NPV (Post Tax)	205	271
Equity Value	172	238
Equity Value per Share	0.045	0.062
Equity Value per share (Mid-point)	**0.054**	
Upside	**348%**	

Date	15 Sept 2025
Share Price (A$)	0.012
Target Price (A$)	0.054
Market Cap (A$m)	45.8
52-week L/H (A$)	0.006/0.029
Free Float (%)	88.24%
Bloomberg	ADN AU

Price Performance (in A$)

Business description

Andromeda Metals Limited (ASX: ADN) is a mineral exploration and development company headquartered in Adelaide, with a strategic focus on high-grade halloysite-kaolin and high-purity alumina. Its flagship initiative, the Great White Project, located on South Australia's Eyre Peninsula, positions the company to meet rising global demand for premium industrial minerals. The company has divested its gold and copper assets to focus on its kaolin projects. The company was formerly known as Adelaide Resources Limited, having changed its name in 2016.

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Disclosure - Readers should note that East Coast Research has been engaged and paid by the company featured in this report for ongoing research coverage.

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Investment Rationale

Andromeda is focused on the **Great White Project (GWP – a world class kaolin asset)** in South Australia. The company has significantly **derisked the project through a staged development approach**. The credit approval of a debt facility of A$ 75 million from Merricks Capital is a major milestone in our view towards funding the **first stage of the project "Stage 1A+**". Additionally, the **binding offtake agreements** with leading companies in key global market segments reflects **product acceptance by end users and provides revenue visibility**. While Stage 1A+ has front loaded capex investment requirements, this provides financial de-risking advantages as the company progress towards subsequent stages of Stage 1B and Stage 2, as we expect significant **operational efficiencies** largely on the back of reductions in **logistics costs.** This is because Andromeda can opt for moving from containerised to bulk delivery at nearby ports as production ramps, which will offer cost advantages. Andromeda's Kaolin is considered high-quality due to it being **high in purity, brightness, and strength** which we believe are critical for **high-value ceramics market segments** targeted by the company. We note that the project is **development-ready, having obtained all key approvals to commence construction.**

Potential to become a low-cost and long-life producer of premium halloysite-kaolin

The Great White Project is well positioned to become a world-class, low-cost producer of premium halloysite-kaolin through a unique combination of geological advantages, efficient mining methods, and strategic operational design. The deposit contains a **15.1 million tonne Ore Reserve** with characteristics that minimize processing requirements. The deposit features a low strip ratio of approximately 2.1:1, meaning only 2.1 tonnes of waste material must be removed for every tonne of ore extracted, significantly reducing mining costs compared to typical higher ratios. Also, the deposit averages only 23.9 meters depth below surface, with a range of 10-46 meters, **enabling low-cost, conventional open-pit mining operations without complex underground infrastructure**. The free-dig characteristics of the kaolinised granite allow for excavation using conventional excavators and trucks. The combination of **low costs, premium pricing, and 28-year mine life** creates the opportunity for **exceptional cash flow generation**.

Resource and reserve quality supports the premium value

Andromeda's Great White Deposit strategically benefits from the exceptional characteristics of its Ore Reserve of naturally occurring halloysite-kaolin including a) average powder brightness: 84% and fired brightness of >90%, b) low iron content: 0.5% Fe_2O_3, a critical determinant for ceramic applications, c) natural halloysite content: 11% average, with some areas containing up to 14%, and d) exceptionally high aluminium-to-iron ratio: world-class specifications for high-end ceramic applications.

Kaolin products from GWP are specifically **validated for the premium end markets of large format ceramic tiles and slabs, as well as the high-end porcelain tableware.** Andromeda's clay naturally has:

- a very high alumina to iron ratio, which is highly valued in the ceramics tile industry
- **high whiteness and brightness**, which are sought after in the high-end tile and porcelain tableware markets
- **high mechanical strength**, which is particularly sought after in large format tiles and slabs, such as kitchen countertops, to reduce breakage. This is a market that is showing significant growth due to increasing consumer preferences and the increasing introduction of regulatory bans on synthetic stone, with large format tiles replacing manufactured stone in the tabletop market.

Due to the high whiteness and opacity of Andromeda's kaolin, there is also the opportunity for the use of its products to displace the use of zircon, a higher cost product, which is used as a whitening agent in ceramic tiles and slabs. Additionally, independent validation by global ceramic industry experts confirms the products' suitability for premium ceramic applications, with commercial-scale pilot plant and customer trials successfully validating Andromeda's kaolin product performance in the manufacture of ceramic and porcelain tile bodies, and as a ceramic glaze.

Andromeda' Great White HRM™ product is optimised for use as a cement additive to decarbonise concrete or to be used as a rheology modifier, with product and customer validation programs underway.

Binding Offtake agreements provide revenue visibility

Andromeda's success in securing legally-binding customer commitments is a significant commercial milestone towards development. These are not transactional sales but are strategically designed to support the project's technical validation, production strategy, and the financing structure. The offtake binding agreements validates the product quality and acceptance, also the committed volumes provide visibility over revenue stream. The agreement with **Traxys Europe S.A. which is a global leader** in in the marketing, distribution, and financing of metals, minerals, and raw materials is a major achievement for the commercialization of the Great White Project. Traxys has committed the purchase (Great White CRM™) for 25,000 wet metric tonnes (wmt) in the first year of production, ramping up to 40,000 wmt in year two, and reaching 50,000 wmt annually from the third year onwards. As Andromeda increases its processing capacity, Traxys's contracted volumes will increase proportionately, up to 50% of the available capacity, capped at 130,000 wmt per annum. We think it supports the **long-term revenue and cash flow generation potential.**

Binding offtake agreement have also been signed with:

- IberoClays - 8,000–10,000 wmt in the first year of production, and 10,000–20,000 wmt pa from the second year onwards (at Andromeda's option), for sales into various Mediterranean markets over an initial 5 year period;
- Foshan Gaoming – 115,000 wmt over the first 5 years of production, for sales into China and Taiwan; and,
- Plantan Yamada – 25,000 wmt over the first 3 years of production, for sale into Japan.

In addition, Andromeda is progressing a number of product validation programs for its cement additive to decarbonise concrete, Great White HRM™, with the following:

- Hallett Group – under a Strategic Alliance Agreement for the Australian market, signed in November 2023;
- Traxys – under a conditional offtake agreement signed in July 2024, for sales in various global markets;
- IberoClays – under a conditional offtake agreement signed in January 2024, for sales in various Mediterranean markets; and,
- Japan & Singapore – with a testing program across a range of potential customer applications in these and other Asian markets.

De-risked from a regulatory and technical perspective

Andromeda has secured all key permits required to commence construction, including the Mining Lease (ML 6532) and Program for Environment Protection and Rehabilitation (PEPR) from South Australia's Department for Energy and Mining (DEM). A comprehensive Definitive Feasibility Study (DFS) was completed in 2023, validating the project's technical and economic viability. This advanced, "ready to develop" status of GWP positions Andromeda well, at a critical juncture, with the final hurdle being the securing of project financing to support a positive FID.

High purity alumina opportunity

Beyond traditional kaolin applications, Andromeda has demonstrated the ability to **produce high purity alumina (HPA) at 99.9985% purity** using its novel flowsheet. This creates significant upside potential given HPA market dynamics. While the development of its world-class Great White kaolin project remains Andromeda's primary focus, this recent technological breakthrough has unlocked a **significant opportunity to expand its portfolio into the critical minerals sector.** As a critical mineral essential with increasing demand driven by high-tech applications like LEDs, semiconductors, and lithium-ion batteries, HPA faces a looming supply deficit, with various forecasts suggesting global demand will exceed supply by as much as 45% by 2028. This breakthrough positions Andromeda to capture a share of a high-growth, supply-constrained market with a lower-cost, more sustainable product. It represents a substantial, **long-term value-add opportunity** that perfectly complements the company's core kaolin business. To advance this initiative, Andromeda is currently conducting a scoping study and engaging with potential customers to tailor the product to their specific needs.

Demand growth and challenged supply supports Kaolin market growth opportunity

Kaolin market is estimated to grow at a CAGR of ~5-5.5% by 2030. Strong demand growth in high-end ceramics industry is characterised by **-** i) macroeconomic trends such as economic expansion in emerging markets fuelling domestic consumption of higher-quality housing, sanitaryware, and consumer goods; ii) consumer preferences for high-performance, aesthetically superior materials which only be manufactured using high-grade kaolin that can deliver the required whiteness, strength, and dimensional stability, thus linking demand for luxury goods directly to demand for premium raw materials; iii) construction and infrastructure development creates sustained demand for ceramic products. These strong demand dynamics along with constraint supply dynamics with reduction in China export capacity and Ukraine supply has created favorable industry environment.

Significant upside potential from pre-production mining asset

We have adopted the **Net Present Value (NPV)** valuation methodology for valuing **the Great White Project** given the availability of detailed reserves and resource estimates, production forecasts, and a defined **28-year mine life.** To reflect a range of potential outcomes, the valuation includes three scenarios: **a base case, a bull case, and a mid-point valuation.**

We have valued Andromeda at A$0.045 per share in a base-case scenario and A$0.062 per share in a bull-case scenario using an NPV-based valuation methodology. In both the scenarios, we expect the production commencement from FY27 (June 2027).

The **mid-point NPV**, which represents a balanced view between conservative and optimistic assumptions, is calculated at **A$238 million**. This represents a potential **upside of 348%** on the current share price.

The table below summarizes the modifications to assumptions we have made vs Andromeda's DFS.

	Andromeda	Our Base Case	Our Bull Case
Production volumes	Full capacity in year 5 from production commencement	Full capacity in year 10 from production commencement	Full capacity in year 10 from production commencement
		Production volumes are also discounted by a factor of 10% accounting for project execution risk	
Sales of sand	Included in the company's DFS	Excluded for conservatism	Excluded for conservatism
Logistics	Shift from container to bulk as volumes increase, significantly reducing costs	Upside excluded for conservatism	Upside excluded for conservatism
Discount Rate	8.0% per annum	13.5% per annum based on our estimated WACC	13.5% per annum based on our estimated WACC

Production volumes: We have adopted conservative assumptions for production volumes relative to the company's estimates. Additionally, our approach to the production ramp-up rate remains cautious. We anticipate production to commence in June 2027, gradually scaling to full capacity by June 2036. To account for project execution risks at this stage, we have applied a discount factor of 10% in our base case.

Kaolin pricing: We have incorporated a **starting price of US$400/ton for the initial year of production (June 2027).** This pricing reflects the implied contracted pricing of the company under its offtakes to known leading players in the industrial mineral space.

In our base case scenario, we assume an annual price escalation of 1%, resulting in an average sale price of US$459/ton over the project life. In the bull case scenario, we apply a 1.5% annual escalation, leading to an average sale price of US$493/ton.

We recognize significant upside potential in pricing, given Andromeda's focus on high-value end markets and the strong product and market acceptance of its high-quality kaolin.

Revenue:

Base case: We estimate total revenues of A$ 4.9 Bn during the LOM based on above assumptions on the production and pricing estimates.

Bull case: We estimate total revenues of A$ 5.9 Bn during the LOM based on above assumptions on the production and pricing estimates.

Operating expenses:

Base case: We expect the operating expenses of A$ 2.6 Bn, representing ~53.5% of revenues. Logistics & shipping is a major cost component as Andromeda will be relying on containerized shipments in the initial years of production, thereby opting for the primary route of Port Adelaide (a lower risk option). However, as it ramps up the production close to 200k wmt p.a., the logistics cost is expected to reduce materially. This is because the company should be able to pursue bulk or break-bulk options, which opens up the opportunity to use closer ports (like Thevenard or Whyalla) and **which can bring down the operating cost by a substantial margin. The company expects product margin improvement of ~20% (jump from 54% to 73%) once logistics are upgraded.** As of now, we do not incorporate the reduction in logistics cost for the forecast period. This leaves upside potential on the cost side and therefore a higher fair value for Andromeda.

In the bull case scenario, we estimate the operating expenses of A$ 3.1 Bn and account for logistics to remain a major cost component due to the factors mentioned above for shipments.

EBITDA and NPV:

Base case scenario: we expect the Great White Project to yield an **average annual EBITDA of A$ 81 Mn** over the mine life. Our base case scenario estimates the **post-tax NPV of A$ 205 Mn.**

Bull case scenario: we expect the Great White Project to yield an average annual **EBITDA of A$ 97 Mn** over the mine life. Our bull case scenario estimates the **post-tax NPV of A$ 271 Mn.**

Front loaded capex investments minimise financial risk

Base case: We estimate total capital investments of A$256 million over the life of the Great White Project. To account for project execution risk at this stage, we apply a risk adjustment factor of 10%. We expect the capital expenditure to be front-loaded, with approximately A$230 million projected to be incurred between FY27 and FY33, wherein the company is already procuring long lead assets required for the production commencement. The capex requirements for the remaining life of mine are very low reflecting the low-cost, conventional open-pit mining operations without complex underground infrastructure.

Bull case: We estimate total capital investments of A$235 million over the life of the Great White Project. In this scenario as well, we expect the capex to be front-loaded, with approximately A$209 million projected between FY27 and FY33. During this period, the company is already procuring long-lead assets required for the commencement of production. Capital requirements for the remaining life of mine are expected to be minimal, reflecting the low-cost nature of conventional open-pit mining operations without the need for complex underground infrastructure.

We highlight that the **Stage 1A+ is the most critical stage which is majorly financially derisked due to the credit approved debt facility of A$75 million from Merricks Capital** and considering that Andromeda is in active discussions to secure the balance of funding for this stage. As the company moves to subsequent stages, the project economics presents compelling investment opportunity.

Upside potential from: We highlight that our assumptions do not incorporate the operational efficiencies to be achieved post ramp-up of the production, particularly on the operating cost assumptions. Additionally, we also currently do not incorporate the pricing upside from the HPA opportunity, the pricing for which is materially higher than our current pricing assumptions for kaolin. We believe there are multiple near-term catalysts which could lead to share price improvement from current levels including the final investment decision (FID) finalisation, scoping study of HPA, advancement towards production commencement among others. Additionally, we also do not incorporate the upside from other projects of Andromeda.

Key risks: The project's value is particularly sensitive to the discount rate, kaolin prices, the AUD:USD exchange rate, and the successful execution of the staged development plan within the budgeted capital expenditure. The successful closure of the full funding package is the critical next step to unlocking this valuation and commencing the transition from developer to producer.

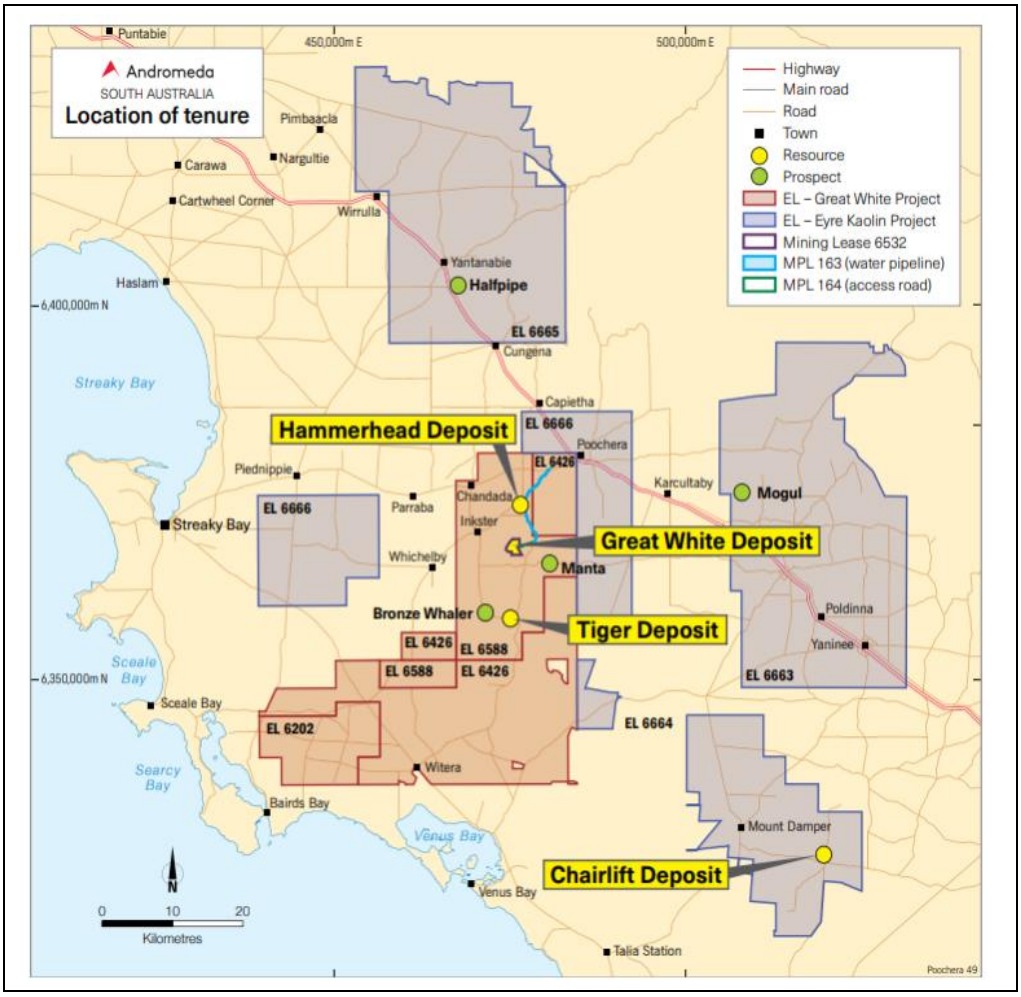
Great White Project – A World-Class Kaolin Asset

The Great White Project (GWP) is located ~15 kms southwest of Poochera on South Australia's Eyre Peninsula, within the District Council of Streaky Bay, ~635 km west by road from Adelaide and 130 km south-east from Ceduna. Overall, it includes 3 exploration licenses (EL 6202, 6426 and 6588) encompassing an area of 1, 167km^2 along with 3 mining tenements.

The project is a **fully permitted, construction-ready, globally significant halloysite-kaolin asset**. The project is in the region recognized as a **Tier-1 mining jurisdiction** with a long and established history of mineral extraction and supportive infrastructure.

The project's deposit is considered world-class, not merely for its size, but for its unique geological characteristics. It contains a naturally occurring blend of high-purity kaolinite plates and, critically, a significant proportion of rare halloysite in its tubular (nanotube) form. The material is distinguished by its exceptional purity, bright whiteness, and extremely low levels of iron and titanium. These are the properties which are highly sought after in **premium industrial applications**, particularly in the high-end ceramics market, and command premium pricing.

Figure 1: Strategic location in Tier 1 mining jurisdiction



Source: Company

Resource and Reserve Base

The GWP has substantial and well-defined mineral inventory, which has been reported in accordance with the JORC Code. The project is supported by a **Ore Reserve of 15.1 million tonnes**, with 5.1 Mt classed as Proven and 10.0 Mt as Probable, which is sufficient to sustain a **28-year mine life** based on the current development plan. This Ore Reserve is derived from a larger **mineral resource estimate of 34.6 million tonnes,** and Andromeda having an **additional 135 million tonnes kaolin mineral resources** in the surrounding region**,** indicating significant potential to extend the mine's operational life well beyond the initial 28 years through future technical studies and conversion of resources to reserves. This large, long-life resource base establishes the GWP not as a short-term mining operation, but as a multi-generational asset capable of providing a consistent supply of high-quality industrial minerals for decades.

The project is situated within a geologically significant zone where kaolinised granite has formed through intense weathering of the Hiltaba Granite. The kaolin deposits were formed through the deep and prolonged weathering of the underlying Hiltaba Suite granite, a coarse-grained intrusive rock rich in feldspar. This natural alteration process, known as kaolinization, has transformed the parent granite into a high purity, naturally occurring blend of two key minerals: kaolinite, which forms microscopic flat plates, and halloysite, a rare and valuable tubular form of kaolin, making the site one of the most promising sources of industrial clay minerals globally. The orebody is predominantly quartz sands (~ 45 % - 55 %) and clay (~45 % - 55 % kaolinite and halloysite). The deposit is notable for its exceptionally low levels of iron oxide (Fe_2O_3), contributing to the high brightness and purity of the final product.

Cost-effective mining and processing: The operational design of the GWP emphasizes simplicity and cost-effectiveness, further reducing technical and financial risk. The mining method will be conventional, **free-dig open-pit extraction** using excavators and trucks, which is possible due to the soft, near-surface nature of the orebody. This approach avoids the high costs and complexities of drilling and blasting. The project also benefits from **a low strip ratio**, meaning less waste material needs to be moved to access the ore. The processing flowsheet is a **straightforward hydro-mechanical wet processing circuit** that uses water and mechanical separation (hydrocyclones) to separate the valuable kaolin from waste sand. This conventional process avoids complex and costly chemical or metallurgical treatments, enhancing the project's operational reliability and predictability.

Geological benefits - naturally high purity, bright white kaolin with low levels of impurities

The Great White deposit is situated within the Gawler Craton, a large, stable, and ancient part of the Earth's crust that forms the geological backbone of central South Australia. The specific geology of the project is a direct result of extensive and deep weathering of the underlying parent rocks.

Parent Rock: The halloysite-kaolin mineralisation is derived from the **intense weathering** of crystalline basement rocks, primarily Precambrian-era granitoids and gneisses. These ancient granitic rocks, rich in feldspar and mica, are the source material that has been transformed over millions of years into the clay deposit.

Weathering Process: The formation is an example of an **in-situ residual deposit**. This means the kaolin was formed in its current location through the chemical weathering of the parent rock, rather than being transported from elsewhere. The process, known as **kaolinisation**, involves acidic groundwater percolating through the rock, breaking down feldspar minerals and converting them into kaolinite and halloysite clays. The result is a deep, blanket-like weathering profile extending from the surface downwards.

The Orebody: The high-purity halloysite-kaolin orebody itself is a thick, **continuous, and shallow zon**e. It lies relatively flat, making it highly amenable to simple, **low-cost open-pit mining**. The ore is exceptionally soft and is considered "**free dig,"** meaning it does not require blasting, further reducing operational costs.

A key economic advantage of the Great White Project is its minimal overburden, leading to a very low "strip ratio" (the amount of waste material that must be moved to extract a unit of ore).

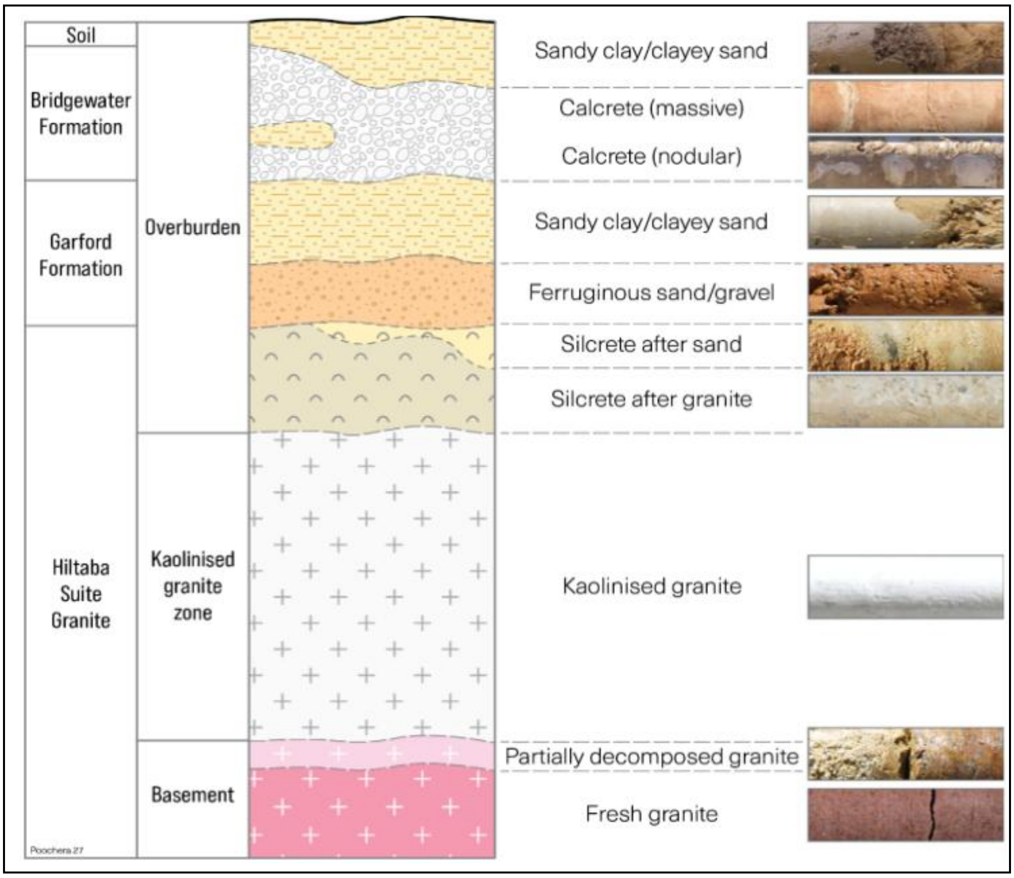
The typical soil and geological profile from the top down is:

Topsoil- Overburden: A thin layer of sandy or loamy topsoil and overburden, i.e., **8-27 m of loosely consolidated** Quaternary calcrete, clay, silt and sand. Zones of horizontal silicification, typically 1-3 m thick are present over the western, shallower part of the deposit.

High-Purity Kaolin Zone: This is the main orebody, a bright white, high-purity kaolin clay zone which can be **up to 40 meters thick** in places. The upper portions of this zone are often enriched with the valuable halloysite mineral.

Weathered Bedrock: Below the orebody lies the weathered and decomposed granitic bedrock from which the clay was formed.

Figure 2: Soil profile and overburden



Source: Company

Method and Processing

A development plan that showcases the development of a shallow open pit mine, wet processing plant and supporting infrastructure.

The processing operation is planned to be developed in two stages:

Mining:

- Ore body is shallow with a low strip ratio.
- Mining of ore will be predominantly free dig operation (60 tonne excavator).
- Mined ore will be allocated into three quality graded ROM stockpiles for each product - high, medium and low.

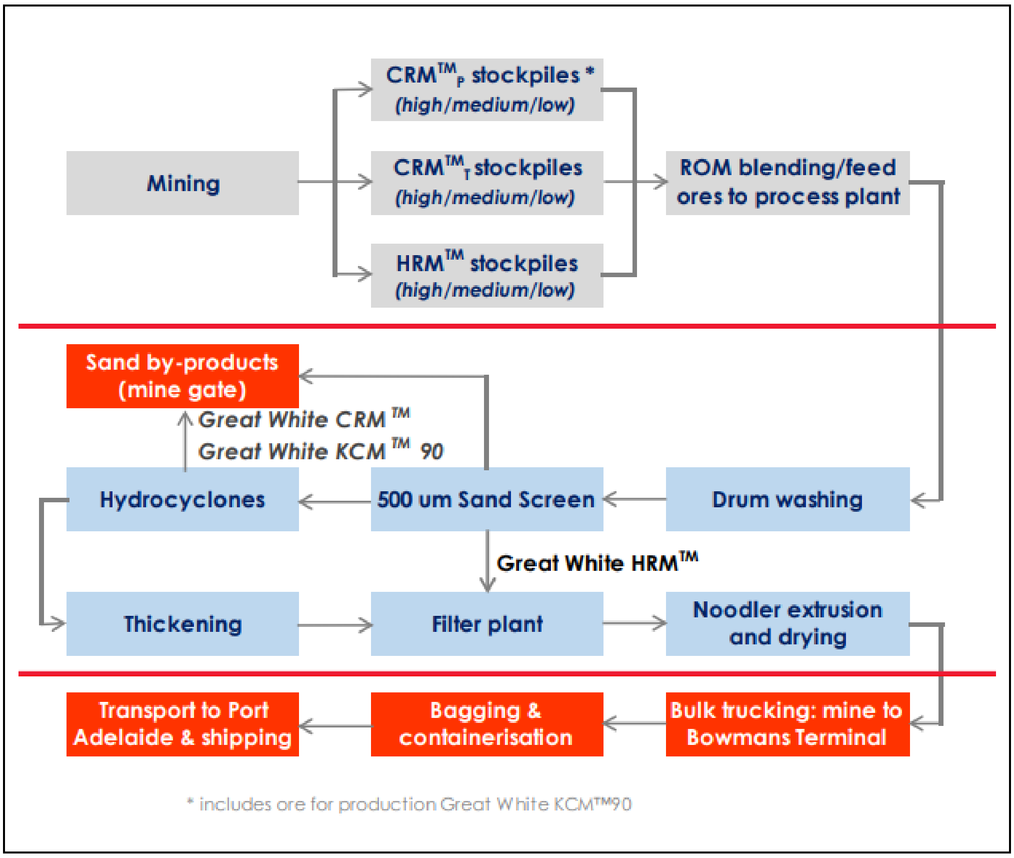
Processing:

- Hydro-mechanical processing delivering multiple products.
- No use of bleaching agents.
- The remaining kaolin material is then processed to final product form.

Logistics:

- Stage 1A+ products will be containerised and transported 644 km to Port Adelaide's Flinders Adelaide Container Terminal (FACT) for shipment.
- Trucking of products in bulk 547km to an intermediate holding terminal at Bowmans (114 km north of Adelaide).
- Loading into lined containers and transported by rail 97km to FACT.

Figure 3: Operations flow



Source: Company

Open Pit Mine: The GWP mine is an open-pit operation, with conventional load-and-haul mining methods with excavator and offroad trucks supported by ancillary equipment. The proposed mining method will be a truck-excavator operation. A flitch height of 2.5m is assumed using a 90t to 100t excavator and a fleet of 45t to 65t trucks.

Wet Processing Method: The mined material that represents feed for the processing plant consists of the kaolin clay and coarse sand in roughly equal proportions. The feed material is fed into the processing plant using a front-end loader, and no crushing is required. The goal of the process plant is essentially to separate the sands from the clay material and produce a concentrate.

The concentrating process is a simple washing system that liberates the clay from the sand. Hydrocyclones are then used to further refine the concentrate. The higher-quality products are further refined to meet high-end customer specifications. The final product is dried and packaged for delivery to end-users.

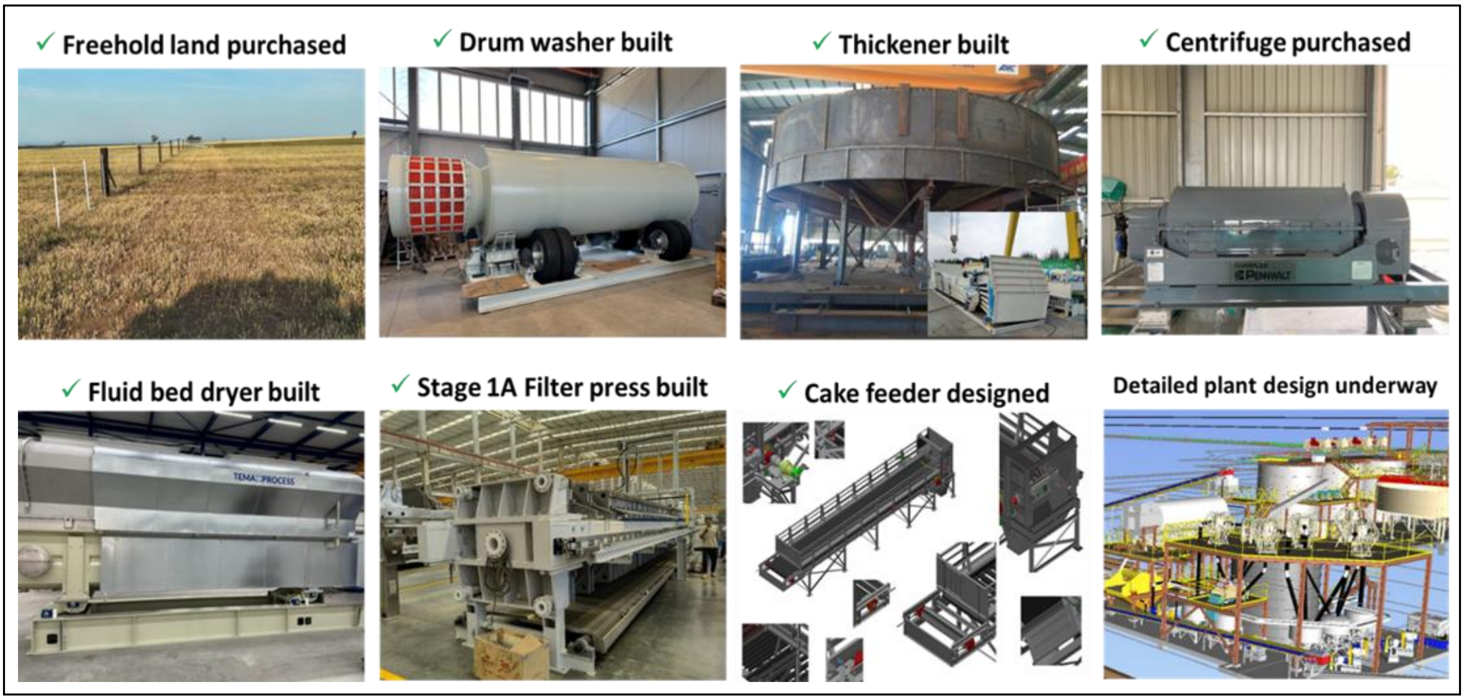
De-risking of the project: A "Shovel-Ready" Asset

Andromeda has systematically de-risked the GWP to the point where it is now considered a **"construction-ready" asset.** This has been achieved through a staged approach to development, permitting, procurement, and commercial agreements.

• **Permitting:** The project has successfully navigated South Australia's two-stage approval process and has all key statutory approvals in place to commence construction. This includes the grant of **Mining Lease 6532 and Miscellaneous Purposes Leases 163 and 164** in December 2021, followed by the crucial approval of the **Program for Environment Protection and Rehabilitation (PEPR)** in March 2023.

• **Procurement:** Demonstrating advanced project readiness, the company has already procured and paid for several **long-lead capital items** for the Stage 1A+ plant. Major components, including the fluid bed dryer, thickener, and drum washer, have completed factory acceptance testing (FAT) and are now warehoused, ready for shipment to site upon a positive FID. This proactive approach mitigates supply chain risks and shortens the potential construction timeline.

Figure 4: Ahead of planned construction



Source: Company

• **Offtake Agreements:** The commercial viability of the initial stage of the project is underpinned by four binding **offtake agreements that cover 100% of the planned ramped-up production capacity of Stage 1A+ (100,000 wmt pa as per the company's plan) in the third year of production**. Key binding offtake agreements have been signed with Japanese porcelain manufacturer Plantan Yamada,, Spanish ceramics formulator IberoClays, and most significantly, with global commodity trader Traxys Europe S.A.. The Traxys agreement alone covers up to 50% of total production (up to 130,000 wmt pa) for sale into the ceramics market, providing a major commercial validation of the product's quality and market acceptance.

The methodical execution of this offtake strategy was a foundational element in de-risking the project for financiers. Project lenders and equity investors place a high premium on revenue certainty to mitigate market risk. By securing legally binding sales contracts with credible, globally recognized counterparties before seeking full construction funding, Andromeda effectively pre-sold its initial production stream. This provided financiers with a de-risked revenue forecast, which was a direct and necessary precursor to achieving the credit approval for the **A$75 million debt facility from Merricks Capital.** This demonstrates a sophisticated understanding by management of the critical sequencing required to unlock project financing.

Staged process to de-risk the path to production

Andromeda Metals has adopted a prudent and disciplined staged development strategy for the Great White Project, meticulously designed to de-risk the path to full-scale production by aligning capital expenditure and operational ramp-up directly with secured market demand. The entire development pathway is envisioned in three distinct stages, with the initial phase fully underwritten by binding offtake agreements and gradually designed to be funded from the project's own cash flow. **We outline below the company's staged approach, and the production volumes represent the company's guidance in each stage:**

Stage 1A+: An Accelerated Expansion

Driven by strong market demand and binding offtake agreements exceeding the initial planned Stage 1A capacity of 55,000 wmt pa, Andromeda Metals brought forward its planned Stage 1A+ expansion. In May 2024, the Stage 1A+ expansion was announced, increasing the total nominal production capacity to 90,000 dry metric tonnes per annum (~100,000 wet metric tonnes per annum). Construction for this expanded stage is planned to commence immediately following a Final Investment Decision (FID), with first production from the initial 55,000tpa capacity expected within 12 months of FID. The additional 45,000 tpa capacity is anticipated to come online 3 months later, some 15 months from the FID. Stage 1A+ is ought to support a majority of site non-process infrastructure – supporting lower capital intensity per tonne for Stage 1B and Stage 2 expansions.

The Stage 1A+ Processing Plant is designed to initially produce Great White CRM™ and Great White KCM™90, with built-in optionality to produce Great White HRM™ and other feedstock (such as feedstock to produce HPA) to meet the need for other products customers may demand.

The initial stage of the project being targeted for development in the short term **(dubbed Stage 1A+) is 100ktpa (wet)** with $90m of funding required, which includes $84m in capex, less capex already incurred prior to FID, plus working capital expected during the planned development period, and excludes financing costs, interest and cash reserves.

Expected production under Stage 1A+ is supported by binding offtake agreements, including with global trader Traxys and IberoClays, who provide access to premium European markets, particularly in the key higher-value markets of Spain and Italy.

Longer-term upside via staged development will continue towards 330ktpa (wet) production capacity over time with ongoing capex to be majority funded from project cash flows.

Stage 1B: Scaling Up Production

Following the successful implementation of Stage 1A+, the project will move into **Stage 1B. This phase marks a significant increase in production, with plans to add an additional 100,000 dry metric tpa of nominal kaolin production (+110,000 wet metric tpa of kaolin). The construction for Stage 1B is anticipated to begin ~12 months after the FID for Stage 1A+**. This stage will further solidify Andromeda's position in the market and cater to a growing customer base.

With an estimated capex of $57m, this stage represents a significant expansion of the processing facilities, effectively doubling the production capacity from the enhanced initial stage. It will involve adding a second processing train or upgrading the existing one to handle higher volumes.

Stage 2: Reaching Full Capacity

The final announced stage of the current development plan is Stage 2. This phase will see the addition of another 110,000 tpa of nominal kaolin production (+120,000 wet metric tpa of kaolin), **bringing the total production capacity of the Great White Project to 300,000 tpa (330,000 wet metric tpa of kaolin).** Construction for Stage 2 is scheduled to commence 30 months after the initial FID, with an aim for full capacity of 330 wet ktpa delivered by 48 months from Stage 1A+ FID. This stage represents the culmination of the planned ramp-up, establishing the project as a major global producer of high-quality kaolin products.

Targeting Products with Premium Value

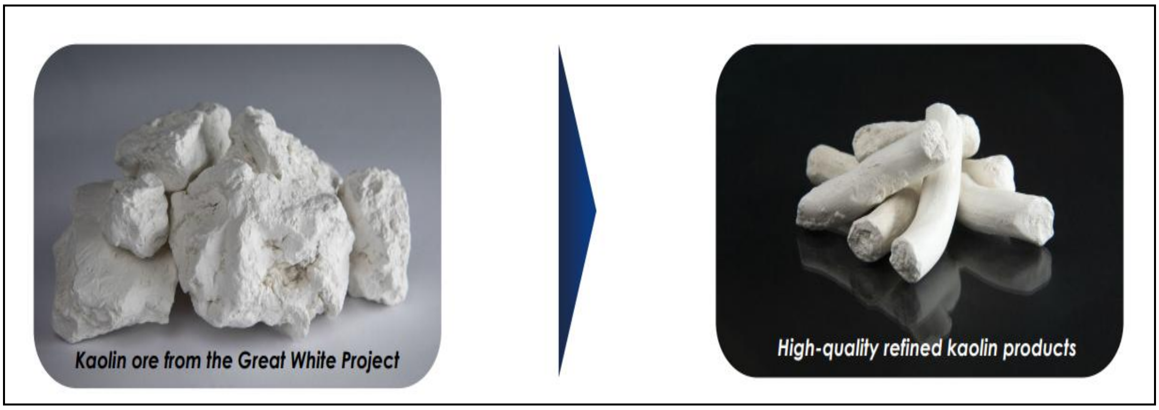
A product with several key characteristics that drive its premium value:

•Exceptional Brightness and Whiteness: The kaolin is among the brightest and whitest ever discovered, a critical attribute for high-end ceramics and premium coatings.

•High Purity: The weathering process has naturally removed impurities, resulting in a high alumina-to-iron ratio. The low iron content is particularly prized in porcelain tableware, as it prevents discoloration during firing.

•High Halloysite Content: The presence of halloysite nanotubes is a significant differentiator. These nanotubes provide superior structural integrity and strength to ceramic products and open up a range of high-tech applications in emerging fields.

Figure 5: Andromeda's kaolin deposits



Source: Company

High quality kaolin products for premium markets

Andromeda's kaolin deposits contain high levels of alumina (>36%) and low impurities (iron and titanium oxides). Andromeda's high-quality kaolin products are ideally suited to the strategically targeted high value end usage industrial markets.

Figure 6: Premium markets driving premium value

Source: Company

Figure 7: GWP Kaolin products and end-uses

Product	Description	End-use
Great White CRM ™P	Fully refined and dried kaolin product. High brightness, highly plastic and ultra-fine	High quality porcelain tableware
Great White CRM ™T	Fully refined and dried kaolin product. High brightness, low iron, ultra-fine and high alumina	High quality ceramic tiles
Great White KCM ™90	Refined, bright white kaolin product	Ceramics and it can also be used for further refinement by other parties to give a premium grade product for other industry applications. It can be directly added into lower grade resources to increase the total value of the resultant combined product
Great White HRM ™	Highly reactive halloysite-kaolin rheology modifier	High solids slurries including concrete and a large range of associated applications where its suspension properties are very effective.
Industrial Sand	There are two potential Andromeda sand grades: coarse and fine sand	Construction market
HPA		Sapphire glass and battery manufacturing

Source: Company

Great White CRM™

Great White CRM™ is positioned for use in **premium-grade ceramics**, leveraging a rare combination of halloysite and low critical impurities. Extensive international testing has validated its suitability, and benchmarking against world-leading kaolin grades has demonstrated that this is a world-class product. The addressable and contestable markets have been clearly defined through technical validation and strategic market analysis.

The commercial scale pilot plant trials using Great White CRM™ in industrial glaze formulations at an established ceramic frit and glaze producer in Spain, were successfully completed. The findings of the trials successfully validate Great White CRM™ as a high-quality kaolin product for use in industrial glaze formulations, opening new sales opportunities for Andromeda's high-quality kaolin and enhancing Andromeda Metals' position as a **key supplier to the ceramic industry**.

For each glaze formulation, the trials also compared the results to glazes using the industry benchmark kaolin used by most ceramic glaze companies in Southern Europe.

Great White HRM™

Great White HRM™ is being developed for high solids aqueous slurry applications, particularly in the concrete and construction sectors. Its unique particle characteristics have demonstrated performance benefits and compliance with Australian standards. Importantly, the product shows **strong potential to support decarbonisation initiatives in construction**. Independent testing has quantified its carbon reduction capabilities, and commercial trials are ongoing to validate its performance in real-world applications.

A program of testing samples of Great White HRM™ in overseas markets to assess its suitability across a range of potential customer applications, was progressed.

• Japan & Singapore – a testing program across a range of potential customer applications in these and other Asian markets was progressed, using samples of Great White HRM™ previously sent;

• Traxys – following a request by Traxys, a sample was sent to France for assessment in support of the conditional offtake agreement for Great White HRM™ with Traxys; and,

• IberoClays – a sample was sent to Spain for assessment in support the conditional offtake agreement for Great White HRM™ with IberoClays.

High Purity Alumina (HPA)

HPA has been identified as a **complementary product opportunity**, with initial test work indicating potential for high-purity grades (4N to 6N). Key market segments include synthetic sapphire for LEDs and separator coatings in lithium-ion batteries. Preliminary flowsheet testing and expert due diligence have laid the groundwork for further development. Market analysis suggests significant supply deficits in the coming years, reinforcing the strategic value of this product.

Andromeda has achieved **breakthrough results in test work aimed at optimising its novel flowsheet for producing HPA from high-quality refined kaolin feedstock sourced from the GWP.**

HPA samples produced during the trials were submitted to **EAG Eurofins USA**, a globally recognised materials testing laboratory. The analysis **confirmed a purity level of 99.9985%, which was independently validated by CSIRO**, Australia's National Science Agency.

The flowsheet employs established metallurgical unit operations to extract aluminium oxide (Al_2O_3) from kaolin. Successful lab-scale trials demonstrate that Andromeda's process is more cost-effective and environmentally efficient compared to other reported HPA production methods.

Strategic Potential: These outstanding results position Andromeda to potentially expand its product portfolio to include HPA—a value-added critical mineral with growing demand across high-tech and energy sectors.

Target markets and regions crucial in Andromeda's strategy

The company has adopted a value-focused commercial strategy centered around the GWP. The company is strategically positioning its high-purity halloysite-kaolin products to serve premium ceramic applications, particularly ceramic tiles, porcelain tableware, and glazes. This approach aims to de-commoditize kaolin by targeting high-value, quality-sensitive segments rather than bulk industrial uses like paper or paints. The target markets include Spain and Italy in Europe, China, India, and Japan.

Figure 8: Target markets and segments

Target markets	Target segments	Key metrics
Europe *Key markets – Spain & Italy*	High-end ceramics: tiles and countertops	• **Spain:** #3 importer of kaolin[1]; #8 ceramic tile producer[2]; #3 exporter of ceramic tiles[2] • **Italy:** #1 importer of kaolin[1]; #9 ceramic tile producer[2]; #4 exporter ceramics tiles[2] • **Countertops:** US$152bn global market with growing use of porcelain due to silicosis risks[3] • **Stage 1A+ path to market:** binding offtakes with IberoClays, Traxys
Asia Pacific *Key markets – India & Japan*	High-end ceramics – tiles, tableware & countertops	• **India:** #12 importer of kaolin[1]; #2 ceramic tile producer (6.5% CAGR)[2]; #2 exporter of ceramic tiles[2] • **Japan:** #8 importer of kaolin[1]; leading high-end porcelain tableware producer[5] • **Countertops:** US$152bn global market with growing use of porcelain due to silicosis risks[3] • **Stage 1A+ path to market:** binding offtakes with Plantan Yamada, Traxys
China	A broad range of high-end applications via distribution	• **Largest market:** #2 importer of kaolin[1]; #1 ceramic tile producer[2;] #1 exporter of ceramic tiles[2] • **Deep high end-market** with multiple applications • **Robust long-term growth[4]:** imports CAGR of 3.3% to 2041 • **Stage 1A+ path to market:** binding offtake with Foshan Gaoming

Source: Company

Commercialization: Securing the Path to Revenue

A cornerstone of Andromeda's strategy to de-risk the Great White Project and secure project financing has been the proactive establishment of a robust commercial framework through binding offtake agreements with high-quality, globally recognized partners.

Binding Offtake Agreements

Andromeda has successfully secured four binding offtake agreements which, in aggregate, **cover 100% of the planned 100,000 tpa Stage 1A+ production capacity by the third year of operation.** This achievement is a major vote of confidence from the market in the quality of the GWP's products and significantly mitigates market and pricing risk during the crucial initial years of production.

Figure 9: Strategically well positioned through Offtake agreements

Overview of Offtakers

Offtaker	Market	Company and end uses
TRAXYS	Europe Southeast Asia	➢ Physical commodity trader focused on industrial minerals ➢ Operations covering 20 offices worldwide, with annual turnover >USD 10bn ➢ Engaged in sourcing, trading, marketing and distributing non-ferrous metals, ferro-alloys, minerals, industrial raw materials and energy
IBEROCLAYS	Europe	➢ Founded in 2013 to supply the raw materials needed by the ceramics industry in Spain. ➢ Offers multiple mineral solutions to the ceramics sector throughout Europe, Middle East and Africa (EMEA) region. ➢ Distribution hub located in the Port of Castellon, handles volumes exceeding 350,000 tonnes per annum of kaolin, ball clay, feldspar and other raw materials.
PLANTAN YAMADA	Japan	➢ Multi-generational Japanese ceramics company ➢ Manufactures and sells >200 different high-quality porcelain tableware products, throughout Japan where reputation is crucial to success ➢ Also exports products
星源机械	China	➢ China-based ceramics company ➢ Specializes in advanced production ceramics mineral processing equipment, including kaolin ➢ Extensively involved in the kaolin industry since its foundation

Source: Company

Key Partners: The agreements have been strategically diversified across key geographic markets and end-users in the premium ceramics sector. The partners include:

Traxys Europe S.A.: A major global commodity trading and logistics firm, representing the most significant and strategic commercial partnership.

The binding offtake agreement with Traxys is a landmark deal for Andromeda. It covers a five-year initial term and includes the sale of two key products:

- Great White CRM™ (Ceramics): Traxys has committed to purchase 25,000 wet metric tonnes (wmt) in the first year, ramping up to 40,000 wmt in year two, and 50,000 wmt per annum from year three onwards. As Andromeda's production capacity expands in the future, Traxys' offtake volume will increase proportionately up to 50% of available capacity, capped at 130,000 wmt per annum.
- Great White HRM™ (Concrete): The agreement includes the purchase of 5,000 wmt in the first year, increasing to 10,000 wmt annually from the second year onwards.
    - Key Terms: The agreement covers Great White CRM™ sales into areas of Europe, Middle East, India, Bangladesh, Vietnam and Brazil.
    - Critically, the pricing structure for the initial years is aligned with the assumptions in the 2023 DFS, providing a strong basis for project financing. Furthermore, the agreement includes upside-sharing mechanisms, allowing

Andromeda to participate in any future appreciation of kaolin prices, thereby providing exposure to market upside while maintaining a secure revenue floor.

- The parties will share equally in any pricing upside, except for sales into ceramic tile bodies, and will also share equally in the risk of selling products below the contract price. To ensure a stable revenue stream, Andromeda's share of any negative price variance from the fixed contract price will be financed through a secured facility provided by Traxys. This facility accrues interest at 15% per annum, is capped at US$5 million, and is subordinate to the main project financing facility. It is repayable within five years from the first product delivery, and Traxys retains the option to convert the facility into equity.

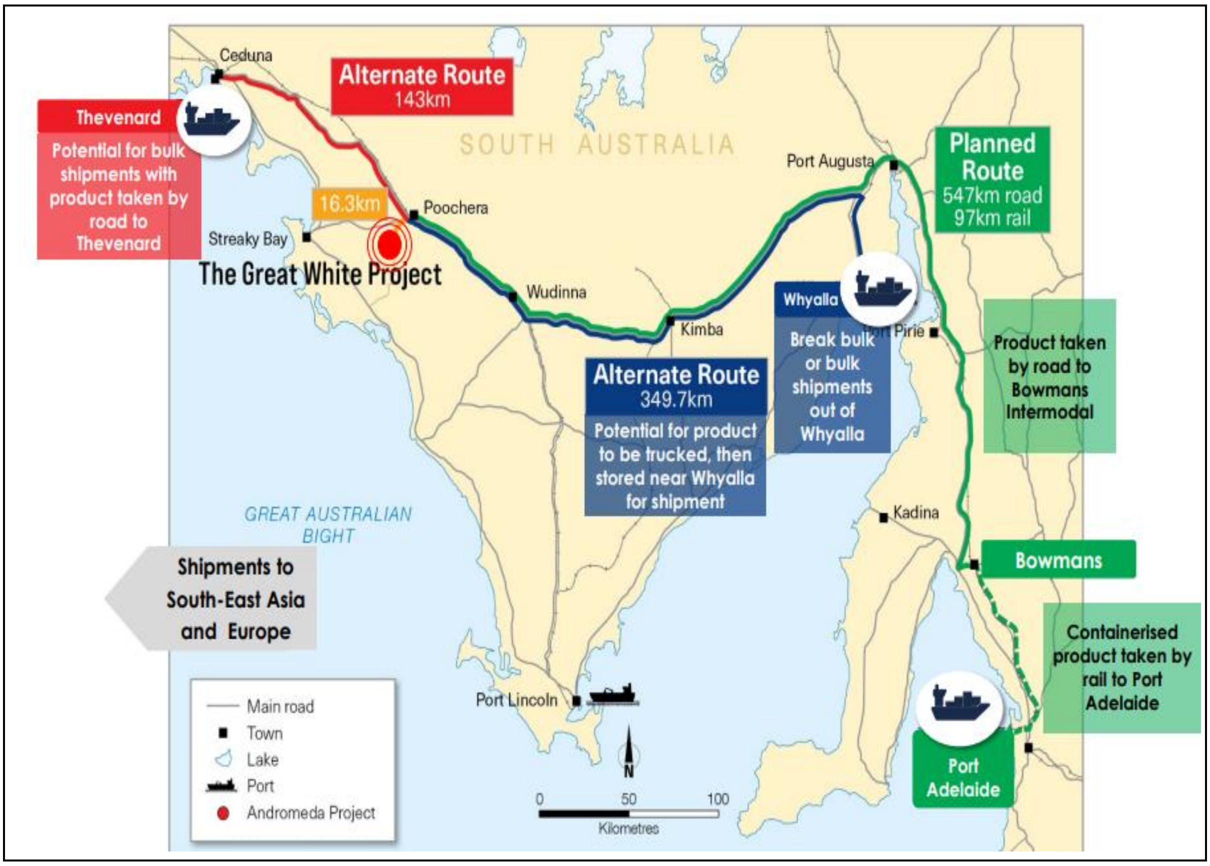
- **Plantan Yamada:** A Japanese manufacturer of high-quality ceramics and porcelain, securing supply for the discerning Japanese market.
    - covering sales of Great White KCM™90 into Japan
    - 5,000 wmt for year 1 and 10,000 wmt for year 2 and 3
    - floor price set, with annual price negotiation (and if parties cannot agree price escalated in accordance with PPI movements).
- **Foshan Gaoming Xing-Yuan Machinery Co.:** A partner providing access to the large and critical Chinese ceramics market.
    - Covering sales of Great White KCM™90 and Great White CRMTM in to China
    - 5,000 wmt of Great White KCM™90, 10,000 wmt of Great White CRMTM in year 1
    - 15,000 wmt of Great White CRM™ in year 2
    - 30,000 wmt of Great White CRM™ in year 3 onwards (+/-50% at Andromeda's option)
    - floor price set, with annual price negotiation (and if parties cannot agree price escalated in accordance with PPI movements).
- **IberoClays:** A respected European ceramics specialist based in Spain, providing validation and a distribution channel into the high-end European tile and countertop market.
    - specialist formulator in Spain and Italy
    - agreement covers Great White CRM™ sales into Spain, Italy and Portugal
    - 8,000 wmt for year 1 and 10,000-20,000 wmt for year 2 onwards
    - floor price set, with annual price negotiation (and if parties cannot agree price escalated in accordance with PPI movements).

Logistics – Proposed route is a lower risk option

The Great White Project is geographically situated on **South Australia's Eyre Peninsula, approximately 15 km south-west of the township of Poochera and 51 km east of Streaky Bay**. This location, within the jurisdiction of the District Council of Streaky Bay, places the world-class kaolin deposit in a region with established, albeit rural, infrastructure. While providing access to key regional thoroughfares, the mine's position necessitates a substantial inland journey to reach high-capacity, international export terminals. This geographical reality is the central challenge that has shaped the project's entire multi-modal logistics strategy.

For the initial production phase of the Great White Project (Stage 1A+), Andromeda Metals has designed a **comprehensive, multi-modal inland logistics corridor spanning 644 km**. This solution involves a sequential combination of long-haul trucking and rail freight to move processed kaolin from the remote **Eyre Peninsula mine site to the state's primary export gateway at Port Adelaide.**

Figure 10: GWP planned logistics route



Source: Company

The first and longest leg of the inland journey involves transporting the processed kaolin products in bulk via road trucks over a distance of 547 km. The route runs from the mine site near Poochera to the Bowmans Intermodal Terminal; a major logistics hub located approximately 114 km north of Adelaide. The decision to transport the material in bulk form for this extended road segment is a logical one, as it represents the most cost-effective and operationally straightforward method for road haulage before the product requires containerization for its final journey to the port and subsequent international export.

The Bowmans Intermodal Hub: A Critical Nexus

The Bowmans Intermodal Terminal serves as the critical nexus in the Stage 1A+ supply chain, acting as the sole point of conversion between transport modes and product handling forms. At this facility, the bulk kaolin delivered by truck is processed for export. This involves bagging the product and loading it into specially lined shipping containers to protect its quality and purity during the final rail and sea legs of its journey.

The selection of Bowmans is underpinned by its significant capabilities. Described as Australia's largest inland port, the terminal is a well-established and proven logistics facility. It features a 40,000 square meter hard stand area for handling and storage, and its rail sidings are capable of managing trains up to 1,200 meters in length. The terminal handles over 30,000 twenty-foot equivalent units (TEUs) of containerized products annually, including processed mining products, and services major ports including Adelaide.

Rail Freight to Port Adelaide

The final 97 km leg of the inland corridor utilizes rail transport to move the now-containerized kaolin from the Bowmans terminal directly to the Flinders Adelaide Container Terminal (FACT) at Port Adelaide.

The primary objective for Stage 1A+ is to commence production, generate cash flow, and reliably fulfil binding offtake agreements with key customers in Asia and Europe. Developing new or upgraded bulk handling infrastructure at a closer but less-equipped port would introduce significant project execution risk, requiring substantial capital, new regulatory approvals, and a longer development timeline. In contrast, the Bowmans-Adelaide corridor leverages a pre-existing, high-capacity, and fully operational logistics chain. Therefore, the strategic imperative for speed-to-market and operational certainty has led to the selection of a longer but thoroughly de-risked logistics route.

Community in focus: The company will undertake a significant upgrade of the Poochera – Port Kenny Road, a measure designed to ensure the safe and efficient transport of kaolin from the mine's access road to the broader state network. the engineering designs for these upgrades have already received formal approval from the South Australian Department for Infrastructure and Transport, signaling a high degree of project maturity and regulatory engagement. During the project's construction phase, the critical intersection of the Poochera – Port Kenny Road with the arterial Streaky Bay Road will be upgraded and widened to accommodate the specific trucking configurations required for the project. The company has pledged to undertake ongoing maintenance of the Poochera – Port Kenny Road for the entire 28-year life of the mine. This represents a significant, long-term value transfer to the local community and the District Council of Streaky Bay.

Andromeda Metals Limited

Andromeda Metals Limited was incorporated as Adelaide Resources on 23 December 1993 and subsequently listed on the **Australian Securities Exchange (ASX)** on 11 September 1996. It operated as a diversified mineral exploration company, with a portfolio of projects focused on gold and copper deposits across Australia. In 2016, the company changed its name to Andromeda Metals Limited.

In 2018, Andromeda went through a strategic shift of focus from metals exploration towards the industrial minerals, particularly halloysite-kaolin. This was catalyzed was the acquisition of a 50% interest in the Great White Kaolin project in South Australia. **In 2021**, the company acquired its joint venture partner, Minotaur Exploration. This transaction consolidated 100% ownership of the GWP and the Natural Nanotech research joint venture into Andromeda.

Andromeda has received **35-year mining lease** for Great White Project from the South Australian government. Also, the approved Program for Environment Protection and Rehabilitation (PEPR) is a key step towards development.

The company is pursuing to position itself as the Great White Mineral company by targeting high-value, niche end-markets. It is leveraging the world-class purity, brightness, and unique nanotube structure of the Great White project resource to penetrate markets for high-quality porcelain and ceramic tiles, performance additives for concrete (Great White HRM™), and future-oriented technologies like High Purity Alumina (HPA).

Andromeda is a pre-revenue development company and is reliant on capital markets to fund its activities in near-term. Cash outflows over the period of 2022-2024 represent the company's ongoing expenditure on feasibility studies, permits, corporate overheads, and pre-development activities.

Top 20 shareholders collectively holding a relatively small portion of the company's equity. The largest single shareholder, CITICORP NOMINEES PTY LTD, holds just 4.38% of the issued capital.

Figure 11: Top 5 shareholders

	% of ownership
Citicorp Nominees Pty Ltd	4.38
Buratu Pty Ltd <Connolly Super Fund A/C>	2.87
Finclear Services Pty Ltd <Superhero Securities A/C>	1.24
Mr Adonis Kiritsopoulos + Ms Jennifer Anne Ford	1.11
Lj & K Thomson Pty Ltd <Ljt & Kt Super Fund A/C>	1.03

Source: Company

Funding history:

Historically, it has relied on equity capital raisings to fund its progress. The total funding requirement to bring Stage 1A+ of the GWP into production is A$ 90 Mn, plus financing costs, interest and cash reserves.

•August 2024 - completed a placement raising A$3.4 Mn at an issue price of 0.012 per share.

•May 2025 - heavily subscribed placement raised A$5 Mn at an issue price of $0.013 per share.

Funds raised under the Share Placement conducted in May 2025, were to be used i) to progress the Great White Project, including early works, advanced plant design and engineering, and technical, financial and legal activities to support the funding process for project development; ii) to progress the Company's HPA project, including the Scoping Study and product and market development activities; and iii) for general working capital and the costs of the Placement.

Announcement of a credit-approved 75 million debt facility from Merricks Capital.

The funding process for the Stage 1A+ development of the Project has made significant progress, with Merricks Capital confirming credit approval for a $75 million debt facility to support the Project's advancement.

Facility Overview

The $75 million facility encompasses principal, capitalised interest, fees, cash reserving requirements, and a cost overrun tranche.

The loan has a tenor of 78 months, with amortisation scheduled to begin after a 12-month grace period following project completion. The facility concludes with a 50% bullet repayment at maturity.

The security and covenant package is standard for a facility of this nature and includes a requirement for the Company to secure the remaining funding necessary to reach a final investment decision for Stage 1A+.

<u>Due Diligence and Documentation</u>

Merricks Capital's credit approval followed a comprehensive due diligence process covering the Project's technical, financial, legal, market, environmental, and social dimensions.

Following approval, Andromeda and Merricks Capital have been working to finalise the binding financing documentation, which is now well advanced. Execution of these documents is contingent upon securing the remaining balance of funding required to support a final investment decision for Stage 1A+.

<u>Additional Funding Efforts</u>

In parallel, Andromeda has been actively pursuing the remaining funding required to support a final investment decision. A select group of capital financiers is currently conducting due diligence. Discussions are underway regarding cornerstone equity investments and alternative funding structures, both at the company and project levels.

Strategic Opportunities in the High-Purity Kaolin Market

Kaolin is a naturally occurring white clay mineral primarily composed of kaolinite. This versatile industrial mineral is characterized by its fine particle size, high brightness, chemical inertness, and excellent opacity, making it indispensable across numerous industrial applications.

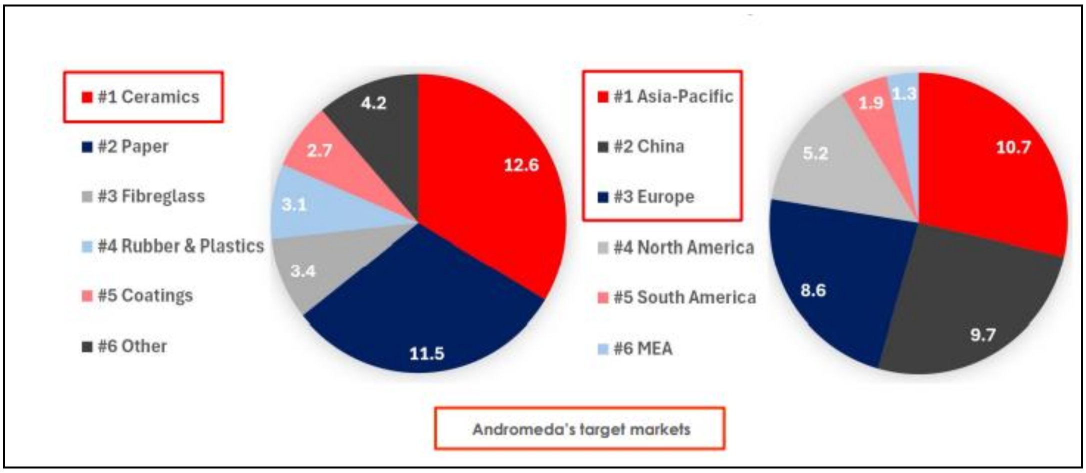
The global kaolin market demonstrates robust growth momentum, valued at **$4.5 billion in 2024 and projected to grow at a compound annual growth rate (CAGR) of ~5.5%.** The global high-grade kaolin market, a cornerstone of the premium ceramics industry, is poised for significant growth, driven by robust demand in the construction and luxury goods sectors.

This expansion is underpinned by global trends in urbanization and rising disposable incomes, particularly in the Asia-Pacific region, which fuels demand for high-end ceramic tiles, countertops, and tableware which are targeted by Andromeda.

The strategic importance of high-grade kaolin lies in its meticulously engineered properties. The critical triad of **purity (high kaolinite content), brightness (high alumina and low iron and titanium oxides), and controlled particle size distribution directly translates into the superior mechanical strength, flawless aesthetic, and manufacturing efficiency required for premium ceramic products.** Advanced processing techniques, such as water-washing (hydrous) and thermal treatment (calcination), are not merely purification steps but are fundamental to engineering specific performance characteristics like dimensional stability in large-format tiles or translucency in fine bone China.

This allows producers to capture **significant price premiums**, build defensible market positions protected by high barriers to entry, and align their growth with the innovation-led, high-margin sectors of the global economy, effectively decoupling their future from the cyclical and structurally challenged paper and packaging industry.

Figure 12: Global kaolin demand by end use and region in 2024 Mt



Source: Company

Historically and by volume, the kaolin market has been dominated by the paper and ceramics industries. The paper industry remains the single largest consumer, accounting for a substantial portion of total demand, with estimates of its market share ranging 40-60%. The traditional ceramics industry represents the second-largest volume segment. **The high-end or premium tier of the kaolin market** is defined by applications where the mineral is valued not as a bulk filler but as a functional additive with precisely engineered properties. The transition from a commodity to a specialty material is achieved through advanced processing techniques that yield products with exceptional brightness, meticulously controlled particle size distributions, high chemical purity (e.g., low content of dis-coloring iron and titanium oxides, and minimal heavy metals), and specifically tailored surface chemistry.

A positive dynamic of challenged supply and demand growth

The kaolin market's expansion is underpinned by several structural growth drivers that distinguish it from cyclical commodity markets. Urbanization and infrastructure development across emerging economies, particularly in Asia-Pacific, drives sustained demand for ceramic tiles, sanitaryware, and construction materials. Asia-Pacific dominates global consumption at 47% market share, driven by China's massive ceramics industry and India's expanding construction sector. North America constitutes ~11% of global demand, which is mainly characterized by high-value applications in paper coating, specialty ceramics, and advanced materials.

Key Market Drivers

The expansion of the high-grade kaolin market is primarily propelled by:

Construction, Infrastructure, and Urbanization: This is the most significant and powerful driver. A global boom in construction and infrastructure development, particularly in the rapidly urbanizing economies of the Asia-Pacific region, creates immense and sustained demand for ceramic products like tiles, sanitaryware, and countertops.

Demand for Luxury and High-Performance Materials: Modern architectural and interior design trends increasingly favor high-performance, aesthetically superior materials. The demand for large-format tiles, seamless countertops, and premium tableware is a direct reflection of rising consumer and commercial standards.

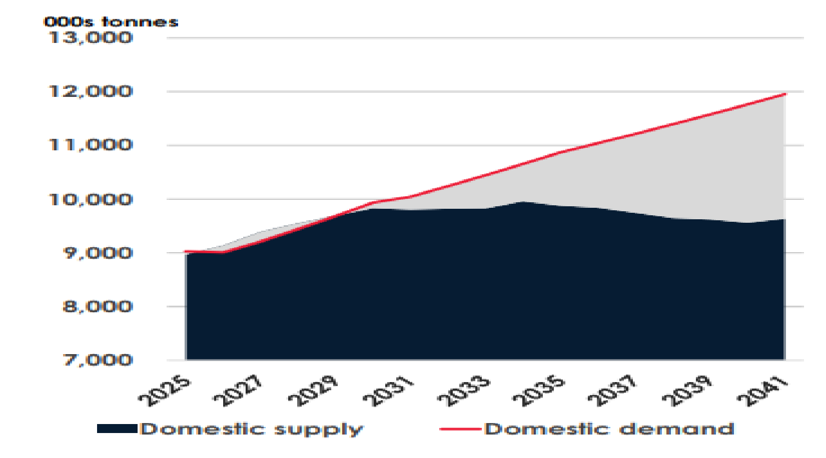
Growth in Emerging Economies: The economic expansion in emerging markets, especially China and India, is creating a vast and growing middle class with increasing disposable income. This demographic shift fuels domestic consumption of higher-quality housing, sanitaryware, and consumer goods, establishing a massive and expanding customer base for ceramic products and, by extension, the high-grade kaolin needed to produce them.

The challenged supply dynamics further support market growth prospects

Existing high-grade deposits becoming increasingly scarce and new projects requiring substantial capital investment and long development timelines. This supply constraint, combined with geopolitical disruptions affecting traditional producing regions, creates favorable conditions for premium kaolin producers.

China leads world production with ~20% market share. While China is recognised to have high quality volumes, a significant proportion of total kaolin in China would be considered commodity grade kaolin.

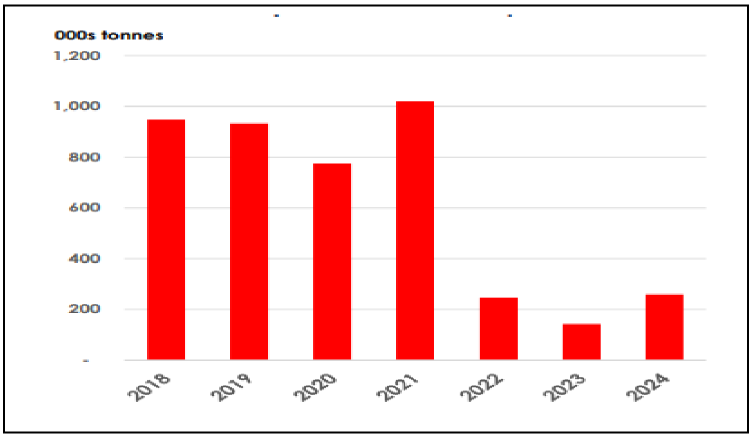
Figure 13: TZMI: China domestic supply & demand 2041



Source: Company

Additionally, supply disruptions particularly following the Ukraine conflict which eliminated annual production of ~4% of global supply of kaolin. Ukrainian kaolin was critical for European ceramic tile manufacturers, with Spain importing 70% of its white clay requirements from Ukraine. This disruption forced European manufacturers to source alternative supplies at higher costs and modify product formulations. Spanish and Italian ceramic tile manufacturers which continue to seek sustainable supply sources for ceramic clay, including kaolin – for both tile body and glaze applications.

Figure 14: Ukraine: war impact on kaolin exports



Source: Company

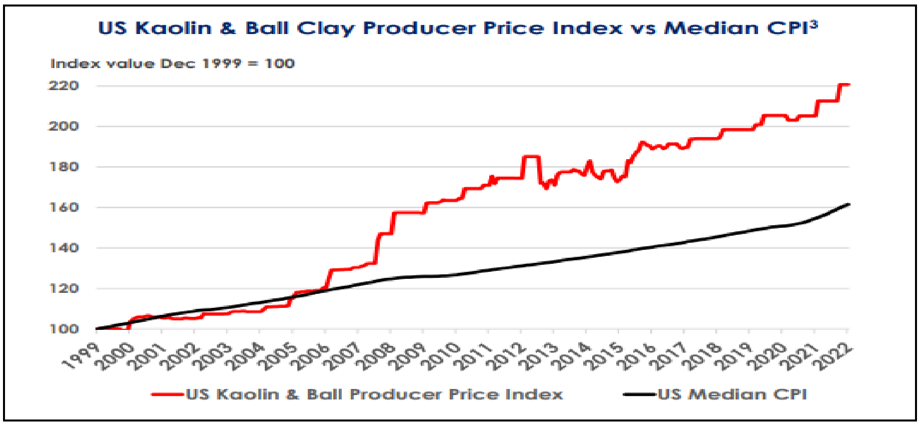
The reduction in Chinese export capacity due to environmental regulations and mine closures and impact from Ukraine supply has created opportunities for alternative suppliers, supporting **premium pricing for high-grade products.**

Trend of consistent growth in pricing to continue

Structural factors including resource depletion, environmental regulations, and quality premium requirements support long-term price appreciation. High-grade kaolin pricing follows a tiered structure based on quality specifications and end-use applications. Premium ceramic-grade kaolin commands prices 40-60% above standard grades. Paper-coating grades with specific characteristics trade at 20-30% premiums to commodity kaolin.

Once a product has an established customer base, demand and price growth is consistent and low-volatility – as demonstrated by US historical Kaolin and Ball Clay PPI (world's largest exporter of high-quality kaolin)

Figure 15: US kaolin & ball clay producer price index vs. median CPI



Source: Company

The 2022 price peak coincided with Ukraine supply disruptions. In 2023, there was subsequent price moderation due to improved supply availability and demand normalization, although prices remained above 2019 levels due to structural demand in the sector. In the medium-term, we expect continued upward pressure from supply constraints and growing demand from emerging applications.

Premium End-Markets: Drivers and Specifications

The value of kaolin in the production of high-end ceramics is intrinsically linked to its fundamental material properties. For applications where aesthetic perfection and mechanical integrity are non-negotiable, the term "high-grade" transcends a simple measure of purity; it signifies a material that has been meticulously selected and processed to deliver specific, predictable performance outcomes. This section details the key characteristics that define high-grade kaolin and explains how advanced processing transforms a raw mineral into an engineered component critical for manufacturing luxury ceramic goods.

Kaolin plays a distinct role in the production of large-format tiles and countertops, premium tableware, and advanced glazes.

The global ceramic tiles market represents the largest single consumer of high-grade kaolin, with market size reaching $186.7 billion in 2023 and projected growth to $306.7 billion by 2030 at 7.4% CAGR.

Ceramic Tiles and Countertops (Large Surfaces)

The architectural market for large and extra-large format ceramic slabs, used for flooring, wall cladding, and countertops, represents one of the most demanding applications for industrial minerals.

The primary challenges in this segment are ensuring dimensional stability and mechanical strength over large surface areas. Furthermore, a superior, super-white fired color is a key aesthetic requirement for the high-end market.

Kaolin's Role: Kaolin's high fusion temperature and white-firing characteristics make it a cornerstone material for these products. Specially engineered grades are explicitly marketed for creating "super-white bodies" for tiles and slabs. These kaolins typically feature a fine particle size that improves compaction and dry mechanical strength, along with high alumina and extremely low chromophore content. This high intrinsic whiteness provides a significant economic advantage by reducing the quantity of expensive whiteners like zirconium silicate needed to achieve the desired aesthetic.

Premium Tableware (Porcelain and Bone China)

The tableware segment, encompassing fine porcelain and luxurious bone China, prioritizes aesthetic perfection, intricate design, and durability.

This sector demands exceptional whiteness and, for bone China, high translucency. Also, the finished product must possess high mechanical strength to resist chipping and wear during use.

Kaolin's Role: Kaolin is the principal component in most whiteware bodies, providing the white canvas upon which the final product is built. The ultimate quality of bone China is critically dependent on the kaolin selected; it must be exceptionally low in iron content to achieve whiteness and, crucially, extremely low in titanium content to permit light to pass through, creating the signature translucency. This highlights an important material trade-off: the purest kaolins required for the aesthetics are often less plastic than other clays like ball clay. Therefore, there is a demand for specialized casting kaolins.

Advanced Glaze Formulations

The glaze is the functional and aesthetic surface of the ceramic piece, and its quality is paramount in the high-end market. Kaolin is a critical, non-negotiable ingredient in premium glaze formulations.

Kaolin's Role: Kaolin is typically the second most important component in a glaze recipe, after silica and fluxes. Specific glaze-focused kaolins are globally recognized for their ability to produce premium quality glazes. The physical characteristics of the kaolin particles are engineered for this purpose. Its high purity ensures that the glaze fires to a very white, brilliant color, creating a high-quality surface that enhances the overall value of the ceramic piece.

Barriers to Entry in the High-Purity Segment

The emergence of nano-kaolin and advanced surface modification technologies signals a shift from a commodity-based market to one centered on high-value, engineered material solutions. Concurrently, stringent environmental regulations are acting as both a challenge and a catalyst, driving investment in sustainable mining and processing while creating significant barriers to entry:

Capital Intensity: The cost of developing a new mine and, more significantly, constructing the sophisticated processing facilities required for calcination, magnetic separation, and surface modification represents a massive capital investment.

Technical Expertise: The knowledge required to engineer kaolin particles to meet precise specifications—controlling particle size, surface chemistry —is often proprietary and developed over decades of research and operational experience. This technical know-how is a significant intangible barrier.

Access to High-Quality Deposits: While kaolin as a mineral is relatively abundant, geological deposits that are naturally high in whiteness and purity and are suitable for economical extraction are geographically concentrated in certain regions. Securing mining rights in these prime locations is difficult and expensive.

Regulatory and Compliance Hurdles: The mining industry is subject to increasingly stringent environmental regulations, which can add significant costs and delays to projects. For the highest-value markets, the barriers are even greater.

Valuation: Significant upside

Andromeda metals (ADN) is an ASX listed pre-development industrials minerals company. It is developing the Great White Project (GWP) on the Eyre Peninsula in South Australia. **GWP is a high-grade kaolin project with a 28 year mine-life. The total ore reserves for the life of the mine will amount to 15.1 Mt.**

Andromeda's valuation upside reflects its advancement towards commencing production and de-risking of the Great White Project through the planned stages to minimize the project execution risk. To determine the company's fair value, we have adopted a **mid-point NPV valuation** methodology based on base case scenario and a bull case scenario analysis.

Figure 16: ADN Valuation

ADN Valuation (A$'000)	Base Case	Bull Case
Project NPV (Post Tax)	205	271
Sustaining Capital Investments	35	35
Enterprise Value Based on NPV	**240**	**306**
Less: Debt financing	75	75
Add: Cash	7	7
Equity Value	**172**	**238**
Upside (%)	276%	420%
Mid-point Target Price (A$)	**0.054**	
Upside for Mid Point Target	**348%**	

Source: East Coast Research

Common assumptions: We expect the production commencement from FY27 (June 2027). A WACC of 13.5% was calculated for the discounting purposes.

Our assumptions adopt a prudent approach to production, recognising the early-stage nature of market penetration.

Production estimates: We have adopted conservative assumptions for production volumes relative to the company's estimates, along with a cautious approach to the production ramp-up rate. We expect **production to commence in June 2027 and reach full capacity of 330,000 wet metric tonnes per annum over a 10-year period, by June 2036—compared to the company's planned timeline of 5 years. In our base case scenario, we also apply a 10% discount factor to account for project execution risk at this stage.**

Kaolin pricing: We have incorporated a **starting price of US $400/ton for the initial year of production (June 2027).** This pricing reflects the implied contracted pricing of the company under its offtakes to known leading players in the industrial mineral space.

In our base case scenario, we assume an **annual price escalation of 1%, resulting in an average sale price of US $459/ton** over the project life. In the bull case scenario, we apply a **1.5% annual escalation, leading to an average sale price of US $493/ton.**

We recognize significant upside potential in pricing, given Andromeda's focus on high-value end markets and the strong product and market acceptance of its high-quality kaolin.

Operating expenses: Base case scenario - we expect the operating expenses of A$ 2.6 Bn, representing ~53.5% of revenues. Logistics & shipping is a major cost component as Andromeda will be relying on containerized shipments in the initial years of production, thereby opting for the primary route of Port Adelaide (a lower risk option). However, as it ramps up the production close to 200k wmt p.a., the logistics cost is expected to reduce materially. This is because the company should be able to pursue bulk or break bulk options, which opens up the opportunity to use closer ports (like Thevenard or Whyalla) and which can **bring down the operating cost by a substantial margin.** The company expects product margin improvement by ~20% (jump from 54% to 73%) once logistics are upgraded. This also leaves upside potential on the cost side and therefore a higher fair value for Andromeda. **We do not incorporate the reduction in logistics cost for the forecast period.**

Bull case:

We estimate the operating expenses of A$ 3.1 Bn and account for logistics to remain a major cost component due to the factors mentioned above for shipments.

Capex assumptions: In our base case scenario, we estimate the total capex investments of A$ 256 Mn over the life of the Great White Project. We apply a risk adjustment factor of 10% to account the project execution risk at this stage. We expect the capex requirements to be front loaded and estimate A$ 230 Mn over the period of FY27-FY33 wherein the company is already procuring long lead assets required for the production commencement. The capex requirements for the remaining life of mine are very low reflecting the low-cost, conventional open-pit mining operations without complex underground infrastructure.

In the bull case scenario: we estimate the total capex investments of A$ 235 Mn over the life of the Great White Project. In this scenario as well, the capex requirements for the remaining life of mine are very low reflecting the low-cost, conventional open-pit mining operations without complex underground infrastructure.

Over the forecast period, Andromeda is expected to commence and ramp-up the production to meet the committed volumes in offtake agreements. The production commencement will aid the revenue generation and the ramp up of production will aid margin expansion and the subsequent cash flow generation. We see significant upside potential from the Andromeda's strategy to target the high-value end markets. The premium end markets are large format ceramic tiles and slabs, as well as the high-end porcelain tableware. Andromeda's clay naturally has a very high alumina to iron ratio which is highly valued in the ceramics tile industry. Andromeda's ceramic products have high whiteness and brightness, which are sought after in the high-end tile and porcelain tableware market.

We would also like to acknowledge that we do not incorporate the long-term value from the high purity alumina opportunity where the company has made significant breakthrough with independent analysis confirming HPA produced above 99.99% purity (4N HPA), at 99.9985%.

The **mid-point target price of A$0.054 offers a significant 348% upside** to the current share price, highlighting the substantial opportunity for shareholder value creation. This valuation reflects Andromeda's potential to generate sustainable free cash flows, expand its market presence, and drive long-term growth for its investors.

Catalysts for re-rating of Andromeda

We believe that the following factors can contribute to the re-rating of Andromeda's share price towards our target valuation:

Final investment decision for Great White Project Stage 1A+

The company has reached a pivotal milestone with the final investment decision for Stage 1A+ of the Great White Project, following the successful completion of its funding package. A major component of this funding is a A$75 million debt facility from Merricks Capital, which received credit approval. This facility includes capitalised interest, fees, and a cost overrun tranche, and will be drawn down in stages. The company is now focused on securing the remaining balance of funding to enable full-scale development, marking a significant step toward unlocking the long-term value of its world-class kaolin asset. An advancement in the balance funding securement is a near-term catalyst.

First construction commencement and early works progression at GWP site

The company has initiated early works and a recent A$5 million capital raise has enabled the company to advance pre-FID activities, including detailed plant design and engineering. These early-stage developments are critical for operational readiness and demonstrate strong investor confidence in the project's future. The first construction commencement will position the project for a smooth transition into its development phase and will be a key catalyst.

HPA scoping study results

Andromeda has achieved a breakthrough in the production of high-purity alumina (HPA), a critical mineral essential for high-tech applications. Lab-scale tests using refined kaolin from the Great White Project have successfully produced HPA with 99.9985% purity, validated by independent analysis. The company is now progressing a scoping study to define the commercial potential of this novel, low-emission process, which is expected to be more cost-effective and environmentally friendly than traditional methods. This development opens a high-value, complementary pathway for Andromeda's product portfolio and any news associated with HPA is a key catalyst.

Additional binding offtake agreements beyond current 100% coverage for Stage 1A+

The company has secured binding offtake agreements with global trader Traxys Europe S.A. These agreements cover up to 100,000 wet metric tonnes per annum of kaolin products by the third year of production, ensuring full coverage of Stage 1A+ output. An advancement towards additional binding offtake agreements is also a key catalyst.

Production ramp-up

In medium-term, the production ramp up will be a key catalyst as it will directly impact the operational efficiency of the plant and will bring down the logistic cost significantly down from the current estimated levels.

Key Risks

The main risks that we see in investing in Andromeda are as the following:

Financing Risk

Andromeda needs substantial external capital to build and expand its Great White Project. Risk associated with securing the US$75 million debt facility and raising additional equity is a key investment risk in near-term. Delays or failure to obtain funding may force project postponement or scale-backs.

Construction and Cost Overruns

Major mine construction projects often exceed budget and schedule. Equipment delivery delays, contractor availability, and commissioning challenges could drive costs above the A$84 million allocated for Stage 1A+, reducing projected returns and potentially requiring emergency financing.

Product Quality and Offtake Delivery

Long-term sales contracts demand tight quality specifications. Failure to consistently meet brightness, alumina, or iron-content targets could trigger price penalties, shipment rejections, or contract terminations, directly harming revenue and cash flow.

Customer Concentration

A small number of offtake partners account for a large share of planned production, with one counterparty (Traxys) committed to 50%. Default or credit problems at these companies could disrupt sales, delay payments, and impair the company's ability to service debt.

Mining and Processing Uncertainties

Unexpected geological variations, lower-than-forecast kaolin grades, or processing inefficiencies can reduce recoveries and increase operating costs. Equipment failures, supply chain interruptions, or labour shortages may further hinder consistent production.

Environmental, Safety, and Community

Mining activities carry potential for environmental incidents (spills, dust) and workplace accidents, leading to remediation costs, fines, or shutdowns.

Appendix I: Andromeda SWOT Analysis

Figure 16: SWOT analysis

Strengths	Weakness
(1) Resource: unique resource quality, substantial scale, and a prudent, phased development strategy. The deposit contains a naturally occurring, high-purity, bright white blend of halloysite tubes and kaolinite plates, a rare and valuable composition. (2) Significant scale: The project is supported by a 28-year mine life, based on a substantial Mineral Resource Estimate of 34.6 Mt, which provides the basis for a long-term, sustainable mining operation. The plan progresses from Stage 1A+ (100,000 tonnes per annum) through Stage 1B (an additional 110,000 tpa) to Stage 2 (an additional 120,000 tpa), ultimately targeting a total production capacity of 330,000 tpa. (3) Advanced De-Risking: navigated the complex approvals process, securing all key permits required to commence construction. The granting of the Mining Lease (ML 6532) in December 2021, followed by the approval of the Program for Environment and Rehabilitation (PEPR) from South Australia's Department for Energy and Mining (DEM), represents the clearing of the final major regulatory hurdles. This "fully permitted" status dramatically reduces the project's uncertainty profile, a critical factor for financiers (4) Commercial Viability: The company has finalized major offtake agreements for the initial Stage 1A+ production, most notably with global commodity trader Traxys. These agreements are foundational, as they not only secure a baseline level of future revenue but also serve as a powerful third-party endorsement of the product's quality and marketability. (5) Innovative pipeline: developed and validated a novel flowsheet for producing High Purity Alumina (HPA), a designated critical mineral in Australia, directly from its high-quality refined kaolin feedstock.	(1) Funding: While a major milestone was achieved with the credit approval of a A$75 million debt facility from Merricks Capital, this is not an unconditional, finalized agreement. A crucial condition precedent for the finalization and execution of this debt facility is that Andromeda must first secure the "balance of funding" required for the project. (2) Asset concentration: Any project-specific setback—be it a failure to secure the final funding tranche, unforeseen technical challenges during construction, a significant cost overrun, or a delayed ramp-up to production—would have a disproportionately severe impact on the company's overall financial health and valuation. (3) Early-stage financial position: Cash balance represents a relatively thin buffer for a company on the cusp of a major capital project, covering just a few quarters of operational and development-related cash burn at current rates.
Opportunities	**Threats**
(1) Demand for Specialty Kaolin and Halloysite: high-quality kaolin and halloysite—remains robust and provides a stable demand base. The global kaolin market is projected to grow at a steady CAGR of 5.2%. (2) High-value industrial applications: The ceramics sector is a key end-market, where the purity and unique properties of Andromeda's halloysite-kaolin are particularly valued for producing	(1) Competitive market: global kaolin market is mature and features large, well-established incumbents. The market is dominated by major players such as Imerys, Sibelco (Quarzwerke), and BASF, who collectively control a significant share of global production. (2) Junior mining sector: immense challenges in securing capital due to the high-risk, capital-intensive nature of mine development. Investor

premium porcelain and sanitary ware. The company's products have already been validated for these applications, and secured offtakes confirm this demand. (3) High Purity Alumina (HPA): a high-growth, technology-driven sector experiencing a surge in demand. Market analyses project an exceptionally high compound annual growth rate (CAGR) for HPA, with forecasts ranging from 21.3% to 23.0%. The market value is expected to swell from a base of approximately \$2.3-5.3 billion in 2023-2025 to over \$15-16 billion by the early 2030.	sentiment is often conservative, and there is intense competition for a limited pool of available funding from numerous other projects. (3) Commodity volatility: demand for industrial minerals is inherently cyclical, closely tied to the health of global end-use sectors such as construction, automotive, and general manufacturing. A significant global economic downturn could lead to a reduction in demand and downward pressure on prices for kaolin products.

Source: East Coast Research

Appendix II: Highly experienced leadership

Andromeda Metals is guided by a highly experienced executive team with deep expertise across mining operations, legal governance, and financial strategy.

Figure 17: Andromeda's management and board members

Name and Designation	Profile
Sue-Ann Higgins **Executive Chair**	• Ms Higgins is a legal and governance expert with 30+ years of executive and board-level experience in the resources sector, currently serving as Executive Director at Metal Bank Limited (ASX:MBK). • She holds degrees in Law and Arts, along with postgraduate qualifications in finance, company secretarial practice, and risk management. • Ms Higgins is a member of AICD, Energy & Resources Law, and the Governance Institute of Australia.
Mick Wilkes **Independent Non-Executive Director**	• Mick Wilkes is a mining executive with over 35 years of international experience, known for successfully leading greenfield mine developments and operational transformations. • He served as President & CEO of OceanaGold (ASX/TSX: OGC) from 2011 to 2020, driving its growth from a single-asset junior to a multinational mid-tier producer. • Previously, he held senior roles at OZ Minerals and Oxiana, and currently serves as Non-Executive Chair of Kingston Resources (ASX: KSN).
Miguel J Galindo **Non-Executive Director**	• Miguel is the founder and Executive Director of Galesk Consultancy, a global advisory firm specializing in industrial raw materials for ceramics, glass, fertilizers, and batteries, serving clients across four continents. • With over 30 years in the natural resources sector, including senior roles at Rio Tinto, he brings deep expertise in operations, marketing, logistics, and strategic planning across diverse geographies and product portfolios. • He currently serves as Non-Executive Director at PortSur and President of the Spanish Glass and Ceramics Society (SECV) and is an active contributor to international conferences and academic programs.

Jean-Dominique (JD) Sorel **Non-Executive Director**	• JD Sorel is a senior mining and minerals executive with over 45 years of global experience in leadership, operations, and commercial strategy across metals and industrial minerals markets. • He served as COO of Traxys Sarl for 16 years, driving growth in base metals and industrial minerals, and previously held executive roles at Metaleurop, Usinor Group, and Amax Europe SA. • JD is currently a director at Traxys Europe S.A., holds past directorships across Europe and Asia, and is a Columbia University graduate with a BSc and MBA.
Sarah Clarke **Acting CEO, General Counsel and Company Secretary**	• Sarah Clarke is a seasoned lawyer with over 17 years of experience advising ASX-listed energy and resources companies, with deep expertise in industry regulations and legal strategy. • She served as a Partner at Piper Alderman and was an elected Councillor at SACOME (2018–2022), actively engaged in South Australia's mining sector. • Sarah has been recognized by Doyle's Guide, Legal 500 Asia Pacific, and Best Lawyers Australia for her excellence in energy, resources, and corporate law.
Joe Ranford **Chief Operating Officer**	• Joe Ranford is a mining engineer with 25 years of senior management experience, specializing in bringing mining projects into production within sensitive community and regulatory environments. • He previously served as COO of Nordic Gold Inc., where he successfully restarted operations at the Laiva Gold Mine in Finland and held key operational roles at Terramin Australia. • Joe is currently focused on advancing the Great White Kaolin Project in South Australia, leveraging his deep local knowledge and commitment to community partnership.
Pascal Alexander-Bossy **Chief Financial Officer**	• Pascal Alexander-Bossy is a mining finance specialist with 16 years of experience leading global commodity debt and investment portfolios across major financial institutions and trading houses. • His expertise spans the full commodity lifecycle—from exploration to project and trade finance—with prior roles at Macquarie Bank and senior positions in European banks and trading firms. • Pascal returned to Australia in 2021 and served as Investment Director at Global Credit Investments before joining Andromeda.

Source: Company

Appendix III: Income Statement

The Great White Project (Base Case)	Jun'27	Jun'28	Jun'29	Jun'30	Jun'31	Jun'32	Jun'33	Jun'34	Jun'35	Jun'36
Total Output (ktonnes)	55.0	75.0	100.0	140.0	180.0	230.0	270.0	295.0	305.0	330.0
Net Revenue FOB A$M	32.2	44.5	60.3	85.6	111.7	144.9	172.7	191.5	200.9	220.7
EBITDA	15.0	20.7	28.0	39.8	52.0	67.4	80.3	89.0	93.4	102.6

Source: East Coast Research

Appendix IV: Analyst's Qualifications

Rahul Tiwari

- The analyst on this report, is an equity research analyst at Shares in Value (East Coast Research).
- Rahul has a bachelor's and master's degree in Applied Finance from Macquarie University, a master's in Accounting from UNSW, and an MBA from Cornell University in the U.S.A.
- Rahul has several years of experience across wealth management and investments, infrastructure project finance, private equity and high tech.

Riddhesh Chandwadkar

- The analyst on this report, is an equity research analyst at Shares in Value (East Coast Research).
- Riddhesh has a Bachelor's degree from the University of Mumbai and a Master's in Commerce (Finance and Strategy) from the University of Sydney.
- Riddhesh has experience working across Equity Capital Markets as an investment analyst looking at Capital Raising and Mergers and Acquisitions for ASX listed companies.
- He has passed Level 1 of the CFA Program.

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