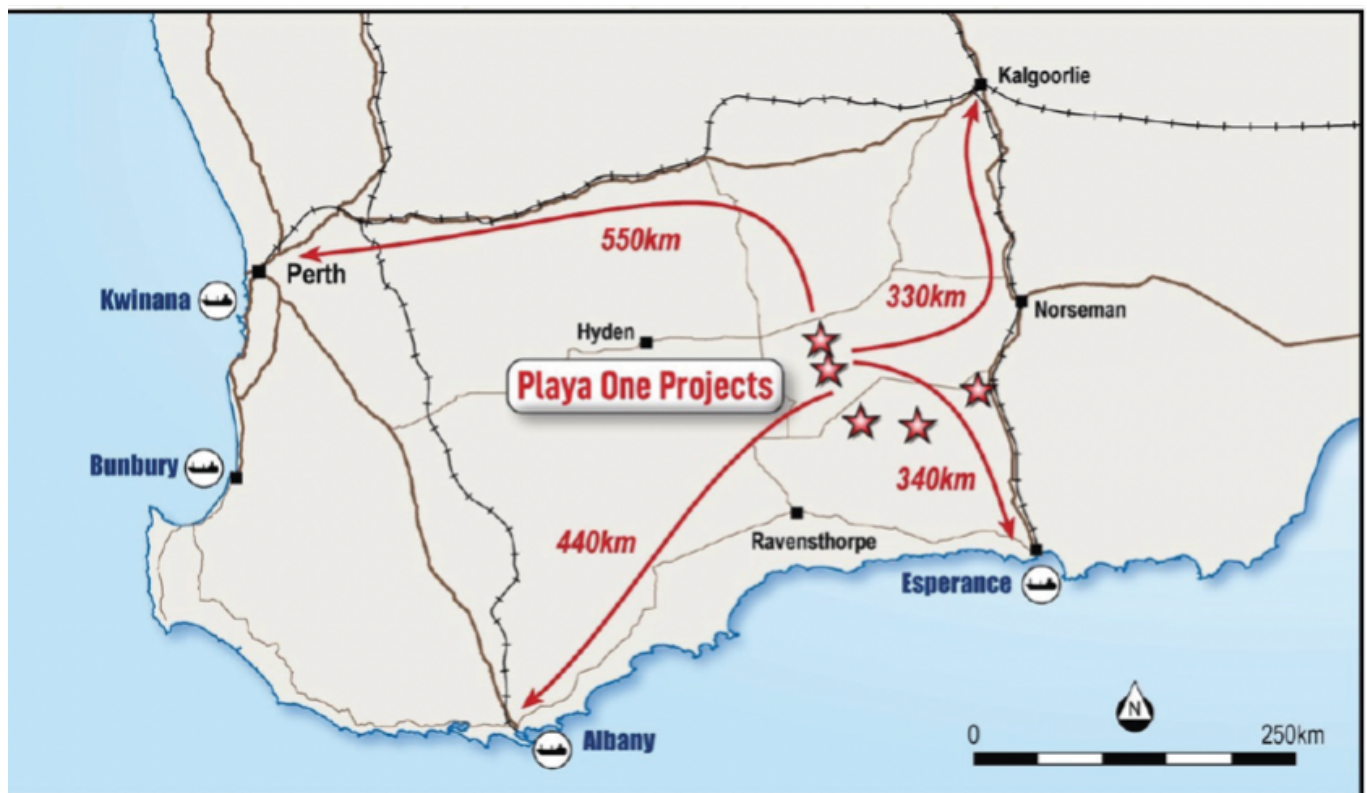


# Impact Minerals Announce HPA Processing Breakthrough

Impact Minerals (ASX: IPT)

Announced a technical breakthrough using a low temperature “LTL process”, which could lower capital and operating costs at their LAke Hope High Purity Alumina project.



## Impact Minerals Announce Breakthrough alternative High

# Purity Alumina (HPA) metallurgy route revealed at the Lake Hope Project, WA

**Impact Minerals (ASX: IPT)** have announced a technical breakthrough using a low temperature “LTL process”, which could lower capital and operating costs.

Impact will compare the standard sulphate process with the LTL process in the pre-feasibility study to determine the best option.

## Highlights

- 99.99% (4N) Al<sub>2</sub>O<sub>3</sub> produced from a new low-temperature leach (LTL) and acid digestion process called the “LTL Process”:
- The LTL Process is a simpler process that may lower the Capital and Operating Costs to produce HPA compared to the Sulphate Process, which has been the focus of test work to date.
- The Sulphate Process underpinned the recent Scoping Study, which indicated an operating cost of <US\$4,000 per tonne of HPA, up to 50% lower than Impact’s peers and an NPV8 of A\$1.3 billion.
- The LTL Process will now be included in the ongoing Pre-Feasibility Study in parallel with the Sulphate Process at marginal extra cost to determine the best processing route to HPA.
- The PFS is due to be completed on schedule in late 2024.

## Impact Minerals' Managing Director, Dr Mike Jones, said,

*"Today we reveal a further exciting breakthrough for producing HPA from the unique mix of minerals that are present at Lake Hope, minerals which have allowed our new LTL Process to produce the benchmark 99.99% pure HPA very quickly after starting the test work.*

*"The LTL Process is simpler than the Sulphate Process that underpinned our recent Scoping Study and showed that at less than US\$4,000 per tonne, Lake Hope may produce HPA at up to 50% cheaper than our peers.*

*"We think that further work on the LTL Process could result in even lower operating and capital costs, and this would only further enhance the already impressive economics of the project, which has an NPV8 of well over A\$1 billion.*

*"We have now started further optimization studies for the LTL Process and will push forward with our Pre-Feasibility Study using both process routes for the time being to*

*determine the best strategic choice for processing at the project.*

*“Given we can run all these tests in parallel for little extra cost, we are still on course to finish the PFS later this year and continue to look forward towards producing HPA from Lake Hope”*

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*If you need clarification of any information contained in this note, or have any questions, I will be delighted to assist – Please email [andrew@city-investors-circle.com](mailto:andrew@city-investors-circle.com)*

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## Declaration

At the time of writing the author does not hold shares in Red Lake Gold Mines

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