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CORPORATE RELEASE

## **Impact Minerals Welcomes Alluminous–C4V Technology Collaboration as a Major Step in its HPA Commercialisation Strategy**

Impact Minerals Limited (**ASX: IPT**) is pleased to advise that its 50%-owned associated company Alluminous Pty Ltd has signed a Technology Collaboration Agreement with U.S.-based battery innovator Charge CCCV LLC (**C4V**) to jointly develop and qualify the HiPurA® High Purity Alumina (HPA) process for advanced battery applications.

This agreement is a significant milestone for Impact, reinforcing the Company's strategy to build a vertically integrated HPA business spanning the Lake Hope natural feedstock and downstream modular HPA production through its investment in Alluminous.

The collaboration positions Alluminous—and therefore Impact—as a potential supplier of battery-grade HPA into the rapidly expanding U.S. clean-energy market, where supply-chain security and non-Chinese material sourcing are increasingly important.

Impact Minerals Managing Director, **Dr Mike Jones**, said:

*"We are delighted to see Alluminous enter into this important collaboration with C4V and we congratulate Alluminous' CEO, David Leavy and his team for reaching this important milestone only six months after purchasing the technology. The agreement provides a clear and accelerated pathway to qualify the HiPurA® high-purity alumina process for battery applications—an emerging and highly attractive end-market.*

*For Impact, this strongly supports our strategy to build a vertically integrated HPA business from the Lake Hope feedstock through to modular downstream production with HiPurA®.*

*C4V's world-class expertise in cell design and ceramic-coating technologies will greatly enhance the technical and commercial readiness of Alluminous and its visibility in the North American HPA marketplace. As a result, we believe this partnership has the potential to create meaningful value for Impact shareholders."*

Under the Agreement, Alluminous and C4V will work together to develop and qualify HiPurA® HPA for a range of battery uses including separator coatings, ceramic layers, solid-state components and electrode interface materials. C4V will carry out full cell testing, replicating the qualification requirements of global battery OEMs. This real-world validation is expected to materially shorten Alluminous' pathway from pilot production to commercial product readiness.

The Agreement is non-exclusive and involves no binding offtake, allowing Alluminous to continue discussions with other downstream customers in parallel.

## Strategic Benefits for Impact

The agreement offers several strategic benefits to Impact including:

### 1. Accelerated Technical and Commercial Development

C4V's cell-testing capability and deep materials expertise will provide independent performance validation for HiPurA® HPA. This is expected to reduce development timelines and accelerate progress toward commercial qualification—one of the key value drivers for Impact's downstream HPA strategy.

### 2. Potential Entry Into a Major Growth Market

Battery ceramics, separator coatings and solid-state components are emerging as major non-sapphire markets for HPA in particular in North America and Europe as they strive to create domestic battery production. Through C4V, Alluminous potentially gains access to:

- U.S., Indian and European gigafactory networks,
- pathways to major battery OEMs, and
- visibility within U.S. supply-chain programs seeking to secure high-purity materials.

### 3. Strengthening Impact's Vertically Integrated HPA Strategy

The agreement complements Impact's Lake Hope project by:

- broadening potential customer bases for future Lake Hope feedstock,
- expanding downstream product capability, and
- advancing the timeline to potential revenue from HPA production.

Integration opportunities between Lake Hope and HiPurA® continue to be evaluated, including test work underway with Edith Cowan University under the CRC-P grant. An update on progress on this exciting work will be provided in due course.

### 4. Supports Alluminous' U.S. Commercialisation Pathway

C4V's strong U.S. presence provides a platform for:

- assessment of a U.S. HiPurA® demonstration plant,
- collaboration with cell manufacturers and ceramics suppliers, and
- potential access to U.S. government funding initiatives supporting domestic battery materials.

## Next Steps

Alluminous will now prepare initial samples of HiPurA® HPA sample batches to C4V from its pilot plant in Perth, which is now capable of being operated in batch mode. Further pilot plant optimisation and work to complete continuous mode operation will continue in the next Quarter and will integrate performance data from C4V as testing progresses. As feedback is received from C4V, Alluminous will assess the potential for a U.S. demonstration facility.

Impact will continue with its development of the Lake Hope project and evaluation of integration pathways with the HiPurA process.

Authorised by the Board of Impact Minerals Limited

**Dr Michael G Jones**

Managing Director

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