

## Corella significantly expands regional landholding after reporting broad drill intercepts of high purity bright white kaolin at Tampu

- Two new tenement applications expand landholding by 446%
- Corella has now established a regional scale footprint covering 768km<sup>2</sup> (259 blocks) of contiguous ground being highly prospective for bright white kaolin
- Bright white kaolin occurrences associated with distinctive basement geology of the Beacon region – new ELA's lock up the kaolin potential of the Tampu region
- Maiden Mineral Resource Estimate for the Tampu Kaolin Project results expected in late September

Corella Resources Ltd (ASX:CR9) ("Corella" or the "Company") is pleased to announce it has significantly expanded its regional scale 100% owned landholding at the Tampu Kaolin Project. Exploration licence applications E70/5882 and E70/5883 have been lodged with the Department of Mines, Industry Regulation and Safety (DMIRS) covering 595.88km<sup>2</sup> (201 blocks).

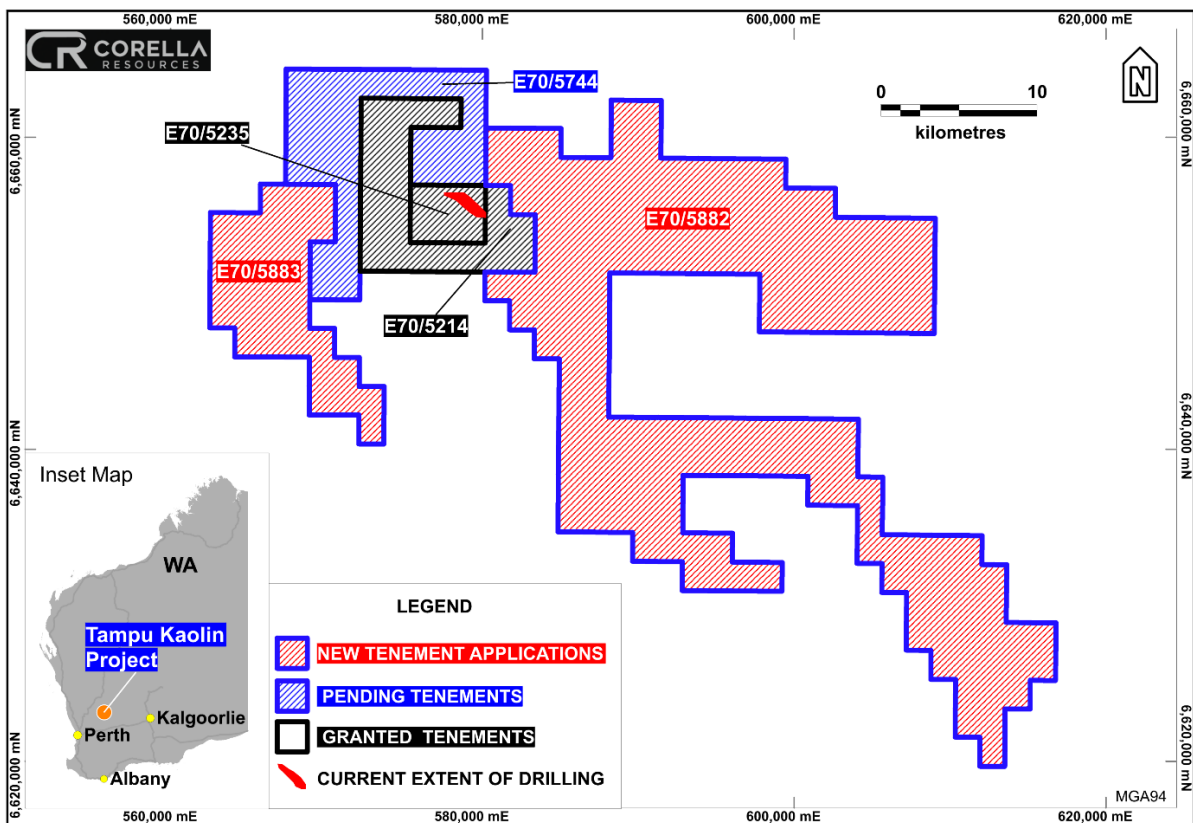


Figure 1: Plan of new tenement applications relative to Corella's previous landholding at Tampu

**Corella Resources Managing Director, Tony Cormack, commented** "The new area under application expands our footprint to a truly regional scale in Tampu region where a distinctive granitoid basement responsible for the high purity kaolin exists. With our increased understanding from the recent drilling and a supportive community of landowners who provided guidance to known occurrences, the Company has now secured all known prospective areas for bright white kaolin in the broader Tampu area."

*“Both tenement applications are immediately adjacent to our existing granted tenements where a maiden mineral resource estimate is now being undertaken on the high purity bright white kaolin at the Tampu project. Our recent drilling results demonstrate that we have the highest purity kaolin in Australia and that we have scale to match. The maiden mineral resource estimate for Tampu is on track with the Company expecting results in late September”*

The new area now under application represents a 446% increase in the Company's landholdings at Tampu, up from 172.15km<sup>2</sup> (58 blocks) to 768.03km<sup>2</sup> (259 blocks). The Tampu Kaolin Project, which is located near Beacon in the wheatbelt region 250km north-east of Perth in Western Australia has a distinctive high purity bright white kaolin, has the potential to be a company maker.

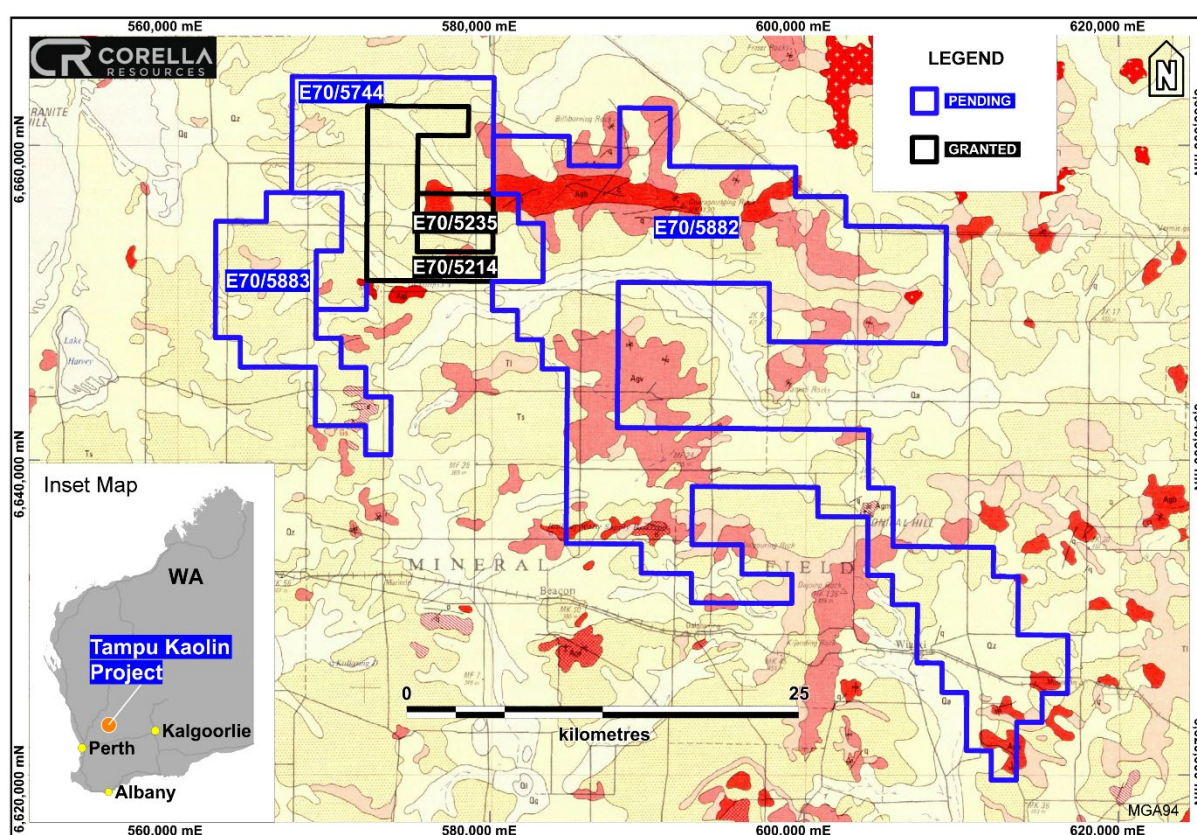


Figure 2: Map showing tenements at the Tampu Kaolin Project over 1:250,000 raster state geology.

Drill hole assays confirm **Tampu Kaolin Project is Australia's highest purity kaolin** with extremely low levels of impurities<sup>1</sup>, which is critical to all existing markets and end user products. The high purity kaolin with low impurities across all four critical impurities distinguishes it as a leading kaolin project globally and its potential suitability for use as feedstock in the HPA industry.

<sup>1</sup> Refer ASX Announcement dated 16 August 2021.

### **Excellent existing infrastructure at Tampu**

The town of Beacon 34km away from the Project by road is the closest town for supplies, fuel and accommodation. Beacon is serviced by railway and has a large currently unused grain storage facility and grain hopper over the railway line. As a bulk mining material, it is crucial that after defining a mineral resource that there is the supporting infrastructure and potential transportation routes to market.

The 100% owned Tampu Kaolin Project is in an attractive location serviced by existing infrastructure including road, power, water, natural gas and a skilled workforce. Bitumen roads provide excellent access to the Tampu project along with the recent addition of a mobile phone tower provide excellent communications infrastructure. The Project is very close to the rail siding of Tampu which also has an unused grain storage facility and grain hopper over the railway line. The associated offices, three phase power and bitumen laydown combined with the grain storage facilities have the potential to support any future mining operation.

Adding to the exciting potential of this high purity bright white kaolin project in the wheatbelt region of Western Australia is that Tampu is located only 250km northeast of the Kwinana Bulk Terminal in Fremantle, the largest bulk commodity export port facility in Western Australia.

With Western Australia's stable mining jurisdiction combined with the highest purity drill results in Australia has Tampu well placed internationally in the well regarded kaolin province of Western Australia. The anticipated future supply deficits and significant growth in demand, combined with the low capex economics of the simple processing of kaolin deposits from surface, are all positive supporting factors towards the project's viability and profitability.

### **About kaolin and HPA markets**

Historically used in the paper and ceramics industry, kaolin is now viewed as a "white gold" new economy commodity, able to be processed into High Purity Alumina (HPA) or metakaolin.

HPA is in increasingly high demand as it is used in smartphones, LEDs and, most significantly, lithium-ion batteries, a keystone in the renewable energy revolution. Traditionally produced from aluminium metal, new technologies mean HPA can now be produced more economically and with a lower environmental footprint from kaolin. This is now fuelling an ever-growing interest in, and demand for, high quality kaolin. Extremely high quality HPA can attract premium prices of up to ~\$60,000 USD per ton.

Metakaolin is one of the best cement substitutes, and can improve concrete's flexibility and strength, reduce its permeability and the CO<sub>2</sub> emissions in its manufacture by up to 40%.

Being able to provide a constant supply whilst maintaining a high purity specification product for high value end uses such as HPA is Corella's aim. With demand outstripping supply and rapid market growth across several sectors see's Corella well placed to take advantage of these opportunities in the near to medium-term. The Company has generated representative composite samples for HPA test work with results expected in late 2021.

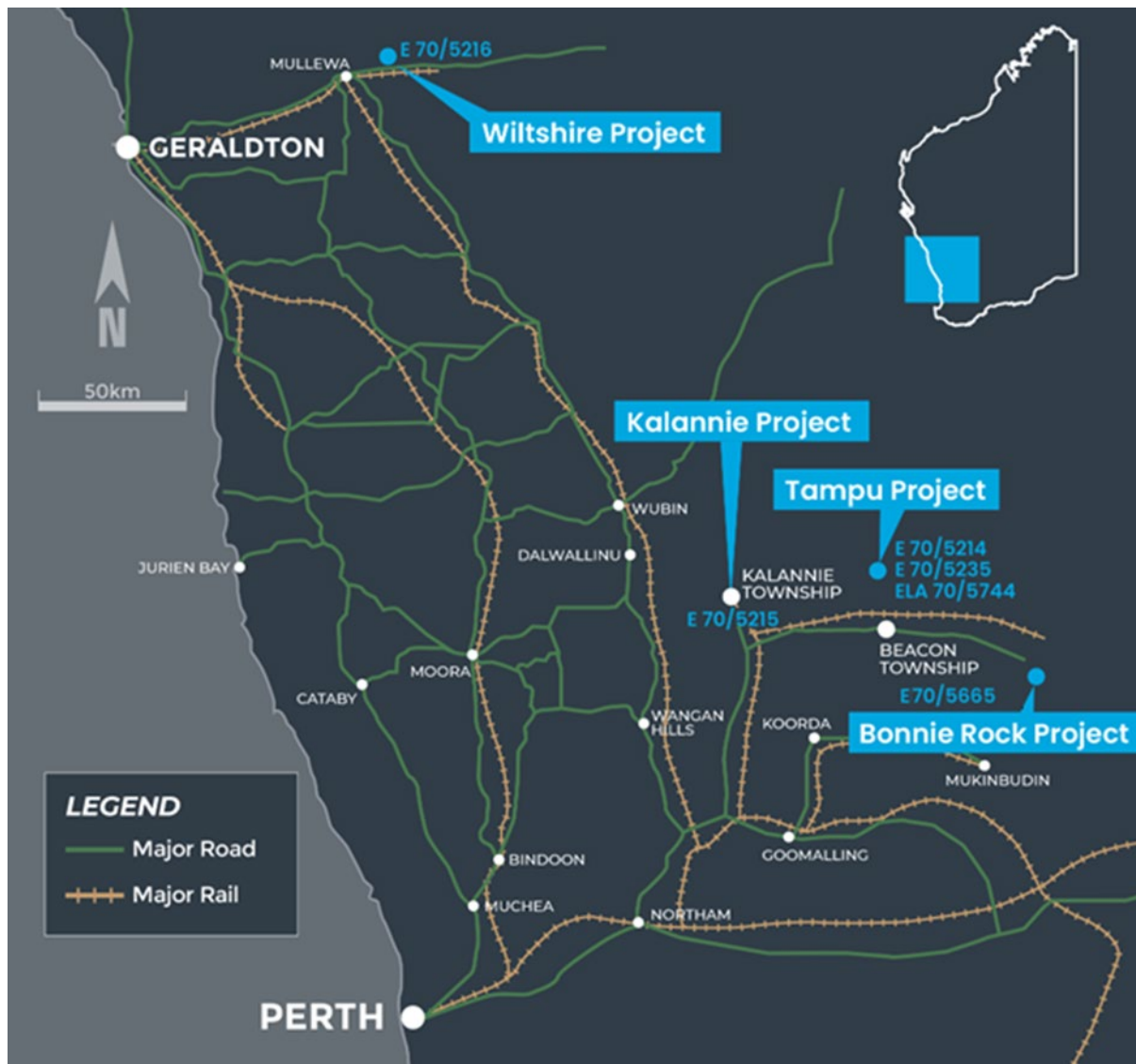


Figure 3: Corella Resources project location map

ENDS

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ASX release authorised by the Board of Directors of Corella Resources Ltd.



## Company Profile

Corella Resources Ltd is an Australian exploration company listed on the Australian Securities Exchange (ASX: CR9). Corella Resources is focussed on exploration and development of their 100% owned Tampu, Wiltshire and Kalannie kaolin projects along with the 100% owned Bonnie Rock silica project. All 4 projects are located in the mid-west of Western Australia.

### Tampu Kaolin Project

The Tampu Kaolin Project (**Tampu**) comprises two granted exploration licences E70/5235, and E70/5214, plus three exploration licence applications (ELA's) ELA70/5744, ELA70/5882 and ELA70/5883, which are 100% held by Corella. Tampu has seen two historical and two modern phases of exploration drilling and metallurgical testwork programs. This drilling has defined significant bright white kaolin mineralisation with very high-grade alumina ( $Al_2O_3$ ) contents and very low levels of contaminants. A maiden JORC compliant resource at Tampu is currently being estimated by industry experts CSA Global.

### Wiltshire Kaolin Project

The Wiltshire Kaolin Project (**Wiltshire**) comprises a single granted exploration licence, being E70/5216, which is 100% held by Corella. Wiltshire is located adjacent to the Wenmillia Dam kaolin deposit, which is held by Blue Diamond WA Pty Ltd (ACN 090 511 970) to the north of Mullewa. Bright white kaolin is known to extend to the south and east of Wenmillia Dam along exposures in Wenmillia creek toward Corella's Wiltshire project. Chemical analyses by the Geological Survey of Western Australia (GSWA) on kaolin drill samples from Wenmillia Dam show high purity kaolin with low levels of contaminant elements. Multiple bright white kaolin exploration targets have been identified in creek exposures and surface outcrop within the Wiltshire Kaolin Project. This is a grass-roots project and significant further exploration and metallurgical test-work is required.

### Kalannie Kaolin Project

The Kalannie Kaolin Project (**Kalannie**) comprises a single granted exploration licence E70/5215, which is 100% held by Corella. A GSWA kaolin sample from the project area location shows high purity kaolin with low levels of contaminant elements. Multiple bright white kaolin exploration targets have been discovered in recent geological mapping. This is a grass-roots project and preliminary exploration and metallurgical test-work is required.

### Bonnie Rock Silica Project

The Bonnie Rock Silica (**Bonnie Rock**) Project comprises a single granted exploration licence E70/5665, which is 100% held by Corella. Previous exploration undertaken on the Bonnie Rock Project identified at least three prominent quartz veins, with one up to 1km in strike length and others that extend for an unknown distance under surficial cover. Chemical analyses indicated that the quartz in the region is high-grade, has favourable thermal stability and thermal strength values and is suitable for use in the production of silicon metal, a potentially high value product useful in the High Purity Quartz (HPQ) market.

### Competent Person Statement

The information in this announcement that relates to exploration results is based on information reviewed, collated and fairly represented by Mr. Simon Jones who is a Member of the Australian Institute of Geologists and the Exploration Manager of Corella Resources. Mr. Jones has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which has been undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Jones consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.