



**WHITE  
KNIGHT  
KAOLIN**

**WHITE CLOUD PROJECT**

# ASX ANNOUNCEMENT

14 April 2021

## Suvo commences metallurgical drilling program at White Cloud Kaolin Project

- Suvo to complete 26-hole metallurgical drilling program to satisfy end user demand for White Cloud kaolin product testing
- Metallurgical samples will be sent to Lixil and other end users for detailed analysis to help define process flow sheets
- Primero Group in the process of finalising scoping study work
- Environmental baseline studies are in progress with flora and fauna work to commence imminently

Australian kaolin producer and silica sand exploration company, **Suvo Strategic Minerals Limited** (“Suvo” or “the Company”), is pleased to announce that drilling has commenced at its 100% owned White Cloud project in Gabbin Western Australia for the development of 5 tonnes of metallurgical samples to be used for continued product development.

Commenting on the metallurgical sample drilling program, Suvo’s Executive Chairman, Robert Martin, said “*This program is important as we seek to meet the high-end user demand for testing of our White Cloud kaolin. The information and knowledge we gain from working with our current and future offtake partners will help us refine our process flow sheets ensuing we obtain the maximum return on our in-ground resource. We also look forward to releasing the results of the scoping study currently being finalised by Primero Group in the coming weeks.*”

### SUVO STRATEGIC MINERALS LIMITED

ABN: 97 140 316 463

### CORPORATE DETAILS:

ASX: SUV

### DIRECTORS:

**Robert Martin**

*Executive Chairman*

**Len Troncone**

*Executive Director,*

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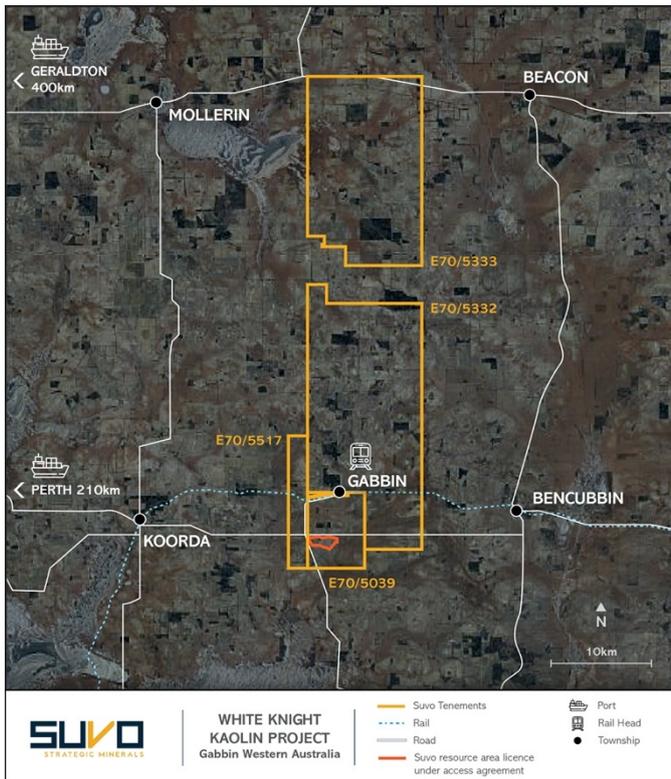


Figure 1 : White Cloud tenement and infrastructure location map

### The White Cloud Project

The 100% owned White Cloud Project is located 215km northeast of Perth, Western Australia. The project area comprises four granted exploration licences for 413km<sup>2</sup> centred around the town and rail siding of Gabbin. The generally flat area is primarily cleared farming land devoid of native bushland and is currently used for broad-acre cereal cropping. A mining access agreement is in place over the current resource area with the land owner and occupier.

The main rock types at White Cloud are primarily Archaean granite, gneiss, and migmatite. These rocks are overlain and obscured by Tertiary sand and Quaternary sheetwash. The weathering profile is very deep and contains thick kaolin horizons capped by mottled clays or laterite zones.

### Metallurgical Drilling - April 2021

Suvo has instigated a drilling program for the development of metallurgical samples from the White Cloud kaolin project in Gabbin, Western Australia. The metallurgical samples will primarily be used for ongoing product development with Lixil AS Sanitary Manufacturing (Tianjin) Co, Ltd. The remaining sample will be used for further customer acceptance and ongoing metallurgical test work programs.

A total of 26 holes will be drilled at depth up to 21m in locations designed to produce a homogenous sample from the White Cloud kaolin deposit. Previous drill hole locations will be duplicated for this purpose to ensure a homogenous sample that is likely to represent the deposit, is presented to customers and consultants.

A total of 238 metres of kaolinite ore will be blended together to create a 5 tonne metallurgical sample. Nagrom in Perth has been commissioned to combine the sample such that it can be split into lots for domestic and international transportation.

While some of the sample will be earmarked for ongoing work programs with Lixil, samples will also be processed into refined kaolin which will be supplied to end users. Varying degrees of processing will be completed to determine the required processing to reach ceramic, table ware, sanitary and paper markets.

14 April 2021

ASX ANNOUNCEMENT



Figure 2: White Cloud metallurgical drilling locations

### Environmental Work Programs

Work is ongoing for environmental baseline studies at White Cloud with flora studies to be commenced in the coming months and fauna studies to be completed later in the year. As the scoping study is being completed by Primero, Suvo will also look to commission the mine closure plan and connect with stakeholders regarding the likely development options for the White Cloud kaolin operations.

This announcement has been approved for release by the Board of Directors.

<ENDS>

14 April 2021

## ASX ANNOUNCEMENT



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### **Company Profile:**

Suvo Strategic Minerals Limited is an Australian hydrous kaolin producer and exploration company listed on the Australian Securities Exchange (ASX:SUV). Suvo is focused on production at, and redevelopment of, their 100% owned Pittong hydrous kaolin operation located 40km west of Ballarat in Victoria. Suvo's exploration focus is on their 100% owned White Cloud Kaolin Project located adjacent to Gabbin in the Central Wheat Belt, and the 100% owned Nova Silica Sands Project located in the Gin Gin Scarp near Eneabba, both situated in Western Australia.

### **Pittong Operations**

The 100% owned Pittong Operations, located in Victoria 40km west of Ballarat, is the sole wet kaolin mine and processing plant in Australia and has been in operation since 1972. Pittong comprises the Pittong, Trawalla and Lal Lal deposits located on approved Mining Licences MIN5408, MIN5365 and MIN5409 respectively.

At Pittong mining contractors deliver crude kaolin ore to stockpiles from the two currently operating mines, Pittong and Lal Lal. The plant takes its feedstock from the ROM and it is processed into four separate products for end users. These products are 10% moisture lump, high solids slurry, 1% moisture powder and 1% moisture pulverised powder. The solids slurry is used in paper and board manufacturing. The other products are used in paper, coatings, paint and specialist industries including rubber and pharmaceutical applications. Around 20-25kt per annum is supplied to various end users.

Current Reserves and Resources at Pittong are reported to PERC code and are in the process of being upgraded to JORC 2012 compliance.

### **The White Cloud Kaolin Project**

The 100% owned White Cloud Project is located 215km northeast of Perth, Western Australia. The project area comprises four granted exploration licences (E70/5039, E70/5332, E70/5333, E70/5517) for 413km<sup>2</sup>, centred around the town and rail siding of Gabbin.

The generally flat area is primarily cleared farming land devoid of native bushland and is currently used for broad-acre cereal cropping. A mining access agreement is in place over the current resource area with the land owner and occupier.

The main rock types at White Cloud are primarily Archaean granite, gneiss, and migmatite. These rocks are overlain and obscured by Tertiary sand and Quaternary sheetwash. The weathering profile is very deep and contains thick kaolin horizons capped by mottled clays or laterite zones. The current JORC 2012 Mineral Resources are 72.5Mt (Indicated 26.9Mt, 45.6Mt Inferred) of bright white kaolinised granite with an ISO Brightness of 80.5%, <45µm yield of 41.2% results in 29.9Mt of contained kaolin.

Further details in respect to the JORC 2012 Mineral Resources and the exploration results underpinning it, are set out in the company's announcement "Suvo increases White Cloud kaolin resource by 84% to 72.5Mt of bright white kaolinised granite" (released on the ASX market announcement platform on 25 March 2021). Suvo confirms it is not aware of any new information or data that materially affects the exploration results set out in the announcement dated 25 March 2021 and all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

14 April 2021

## ASX ANNOUNCEMENT



### **Nova Silica Sands Project**

The 100% owned Nova Silica Sands Project is located 300km north of Perth, Western Australia. The project comprises three granted exploration licences (E70/5001, E70/5322, E70/5323) for 133km<sup>2</sup> and one exploration licence under application (E70/5324) for 36km<sup>2</sup>.

The project is located on the Eneabba Plain whose sandy cover is very flat to gently undulating. Outcrop is rare due to the accumulations of windblown and alluvial sand at surface. Below this is a thin hard silcrete or lateritic claypan which overlies deep white and yellow sands.

Preliminary exploration has included 54 drillholes for 1,620 metres to depths of up to 30m. This program is anticipated to deliver an initial resource for the project and a process route.