

## ASX ANNOUNCEMENT

28 February 2022

### ChemX Commences Maiden Drilling Campaign

#### Highlights

- **Maiden drilling program at the Kimba Kaolin / Halloysite project started on Saturday 26 February, testing extent of known kaolin mineralisation and several additional prospects proximal to identified kaolin occurrences.**
- **Drilling at Jamieson Tank Manganese project to follow immediately after Kimba, focusing on extending the known mineralisation and stepping out to test parallel structures.**
- **The 6,300m exploration drilling program is expected to be completed within four to six weeks**

**ChemX Materials Ltd (ASX:CMX) (ChemX or the Company)** a materials technology company focused on providing critical materials required for electrification and decarbonisation, is pleased to announce that exploration drilling has commenced at its Eyre Peninsula projects in South Australia. As advised on 31 January 2022, JR McLeod is undertaking the drilling program on both the Kimba Kaolin / Halloysite and Jamieson Tank Manganese projects.

The maiden exploration program, expected to run for four to six weeks, has broadly identified the extent of the mineralisation at the Kelly Tank deposit with 863m drilled during the first two days. Mineralisation was identified at depths greater than expected, with the deepest interval being 51m.



Fig 1: Drilling on Kelly Tank 26 Feb 2022



Fig 2: Samples from Kelly Tank

**ChemX Managing Director, David Leavy, commented:**

“This maiden drilling program is a significant step forward for ChemX’s exploration projects. Previous exploration activity on the deposits, as conducted by previous tenement holders, has provided a good initial understanding of the geology. ChemX’s maiden drill program provides the first opportunity for us to conduct our own drilling, analysis and studies targeting the new markets we are looking at, in particular the manganese cathode precursor and halloysite markets.”

**Kimba Kaolin / Halloysite Project**

The Kimba Kaolin / Halloysite drilling program is expected to consist of 109 holes for up to 4,000m of drilling. The intent of the program is to provide a more accurate picture of the extent of mineralisation at Kelly Tank, Bunora and Bunora East prospects as well as enabling assaying and testing of several newly identified areas of kaolin mineralisation that have not been adequately explored previously.

In addition to the kaolin assaying and physical property test work, analysis will also be undertaken on the quantity and distribution of halloysite across the deposits.

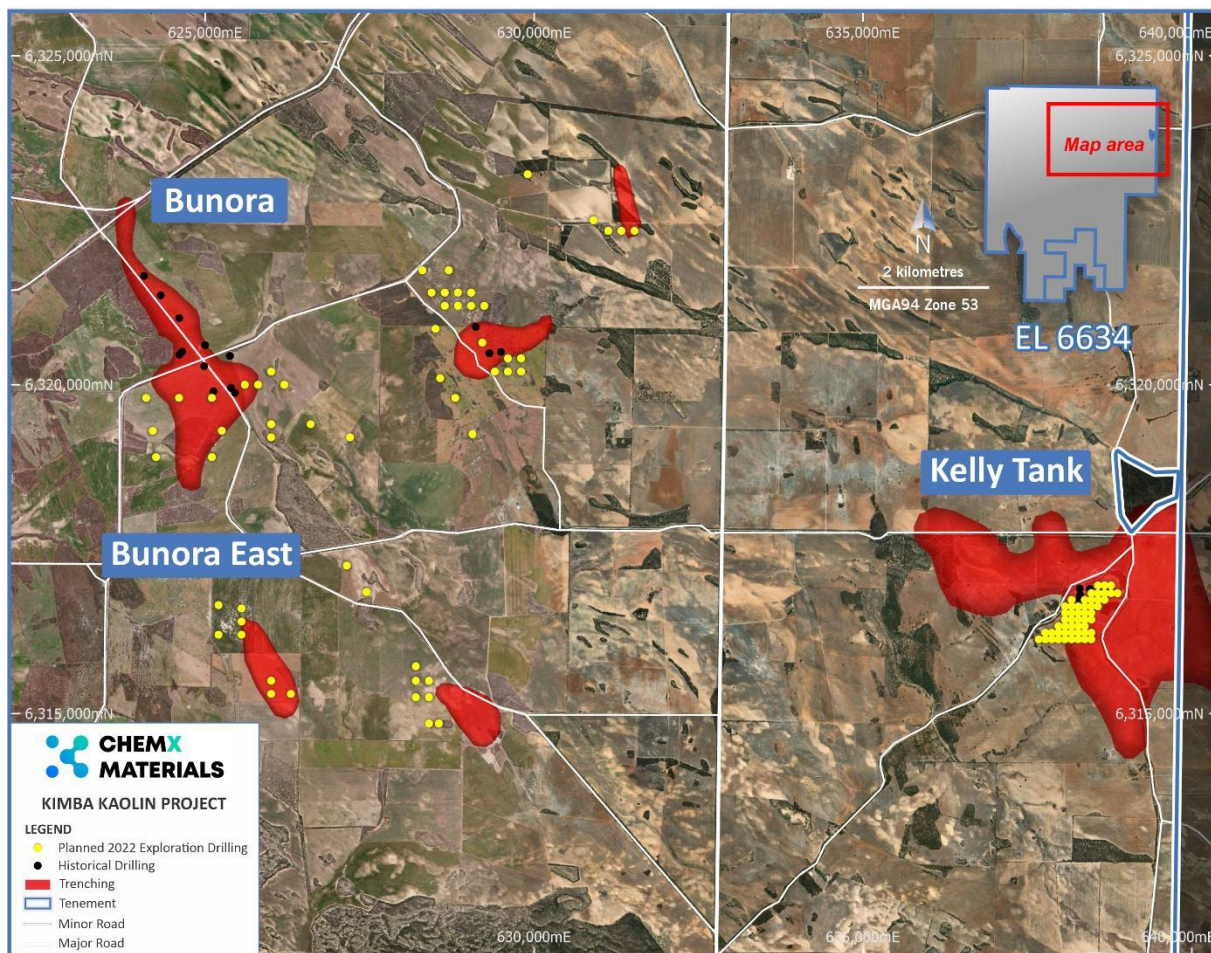


Figure3: Kimba Kaolin / Halloysite historical and planned drilling

## Jamieson Tank Manganese

The Jamieson Tank Manganese drilling program is planned to have 61 holes for a total of 2,300m drilled and will be completed following the Kimba Kaolin / Halloysite drilling program. The focus at Jamieson Tank shall be on infilling between previously identified mineralization and stepping out to test the parallel structures to the east.

Manganese testwork shall be conducted, focusing on the development of manganese cathode precursor materials. Initial testwork is currently underway on samples from previous exploration. Samples from ChemX's maiden drilling program will allow larger scale testwork to be conducted.

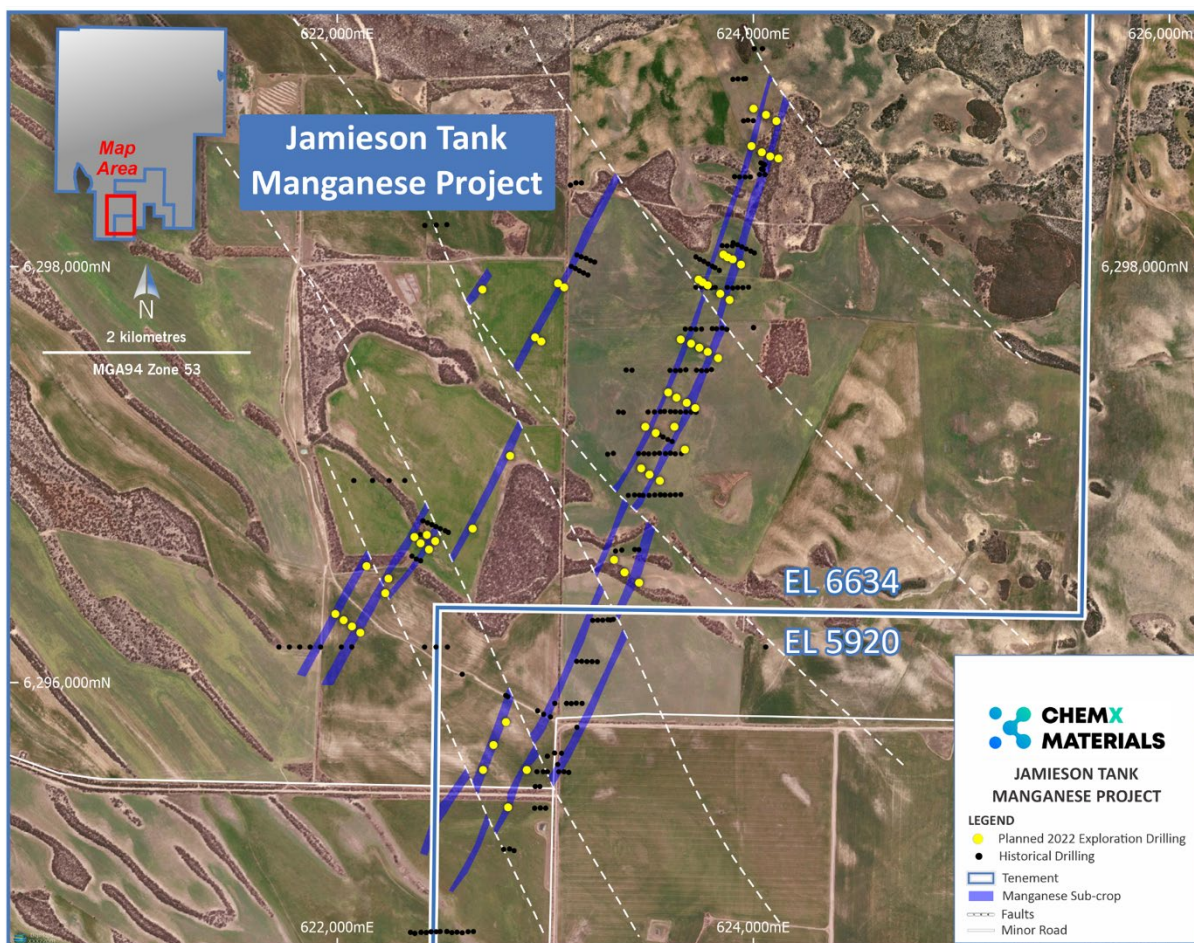


Figure 4: Jamieson Tank Manganese historical and planned drilling

The results of this maiden exploration program will provide the foundation for future activities, testwork and overall development studies on the projects, as well as providing vital information to assist with marketing to potential customers.

ChemX looks forward to completing its maiden drilling program and gaining a deeper understanding of the mineralisation across its tenements in the Eyre Peninsula, South Australia.

*This announcement has been authorised for release by the Board.*

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**About ChemX Materials (ASX: CMX)**

ChemX is a materials technology company focused on providing critical materials required for electrification and decarbonisation. The Company's vision is to support the energy transition with materials and technology that provide real solutions to lowering carbon emissions.

Developed in-house, ChemX's HiPurA™ Process is a unique technology that is capable of producing high purity alumina (HPA) and high purity aluminium cathode precursor salts for lithium-ion batteries. Initial testwork has indicated that the process is low cost and low in energy consumption, compared to alternative technologies. A key competitive advantage is that the HiPurA™ process is not tied to mine production, with the feedstock being a widely available chemical. The HiPurA™ HPA pilot plant feasibility study, which began in February 2022, is being conducted in Western Australia.

The Company's exploration projects, which include the Kimba Kaolin-Halloysite Project and the Jamieson Tank Manganese Project, are located in the Eyre Peninsula South Australia. The Company's maiden exploration drilling program began in February 2022.

**Directors**

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