



13 February 2024

## KORSNÄS TSF – DRILLING COMMENCED FOR REE

### Highlights

- Drill sampling of the Korsnäs historical Tailings Storage Facility (TSF) commenced
- A planned 50-hole drilling program will assess the REE content of the TSF
- The TSF contains pre-mined ore processed for lead recovery treating REE as waste



**Figure 1: Korsnäs TSF drilling underway February 2024 – Drilling campaign should be completed by the end of the month and dispatch of samples ongoing.**

Prospech Limited (ASX: PRS, **Prospech** or **the Company**) is pleased to announce the commencement of drilling at the historical Korsnäs Tailings Storage Facility (**TSF**) within the Company's Korsnäs rare earth element (**REE**) project in Finland.

The Korsnäs mine, operational from 1958 to 1972, processed ore on-site, depositing tailings in a dedicated TSF located immediately north of the mine (Figure 2). Utilising Prospech's analysis of current LIDAR topographic data, the estimated overall volume of the TSF is 0.57 million cubic metres.



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The TSF opportunity holds a high priority for Prospech due to its early accessibility. In the initial stages of Korsnäs ore processing, which began in 1959, the focus was on lead concentrate flotation. It wasn't until 1967 that REE concentrates were produced. According to the Geologic Survey of Finland (**GTK**) records, it is likely that the first 366,000 tonnes of ore were processed before the REE flotation circuit was established. Following this, rare earth production experienced fluctuations, totalling approximately 504,000 tonnes of ore, while maintaining a recovered grade of about 0.75% rare earth oxides.

Prospech intends to conduct an approximately 50-hole drilling program to assess the REE content of the historic TSF at Korsnäs (Figure 4). Previous TSF sampling, limited to four near-surface grab samples, averaged 4,139 ppm TREO<sup>1</sup>. The drilling program will involve holes to depths of 9 or 10 metres, producing an estimated 470 1-metre samples. Each sample will undergo assay, with results compiled to generate a mineral resource estimate for the TSF. Additional samples will be collected for future metallurgical test work.



Figure 2: Korsnäs TSF north of the old lead mine which closed in 1972.

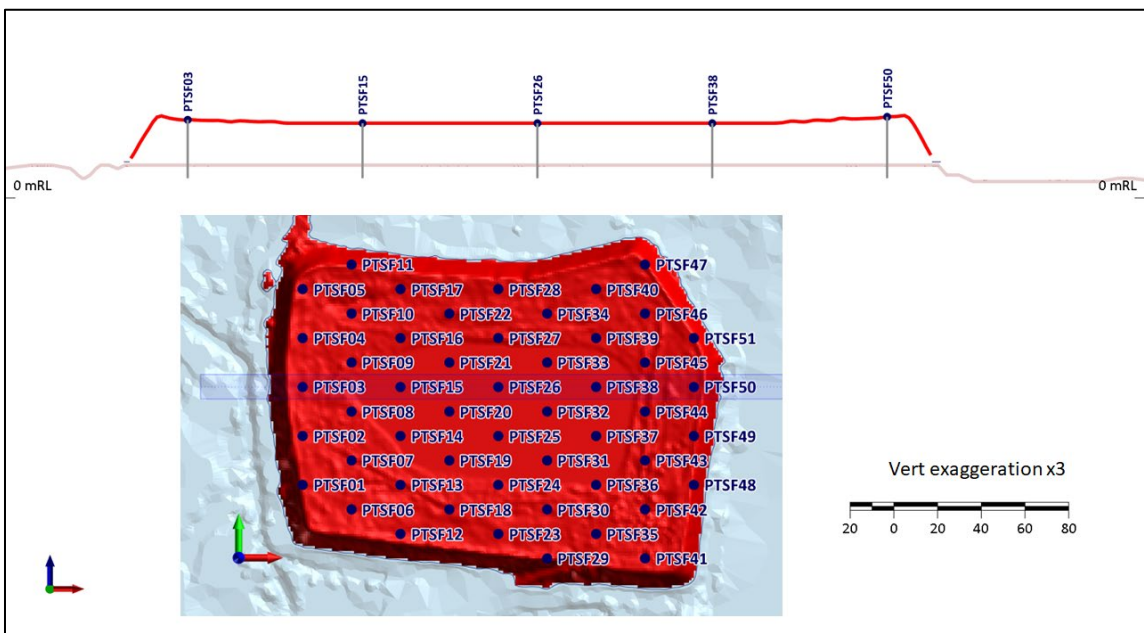


Figure 3: Plan and profile view of the planned Korsnäs TSF drilling program.

<sup>1</sup> TREO = Total Rare Earth Oxides which is the sum of La<sub>2</sub>O<sub>3</sub>, CeO<sub>2</sub>, Pr<sub>6</sub>O<sub>11</sub>, Nd<sub>2</sub>O<sub>3</sub>, Sm<sub>2</sub>O<sub>3</sub>, Eu<sub>2</sub>O<sub>3</sub>, Gd<sub>2</sub>O<sub>3</sub>, Tb<sub>4</sub>O<sub>7</sub>, Dy<sub>2</sub>O<sub>3</sub>, Ho<sub>2</sub>O<sub>3</sub>, Er<sub>2</sub>O<sub>3</sub>, Tm<sub>2</sub>O<sub>3</sub>, Yb<sub>2</sub>O<sub>3</sub>, Lu<sub>2</sub>O<sub>3</sub> and Y<sub>2</sub>O<sub>3</sub>.

# REE Li Projects Finland

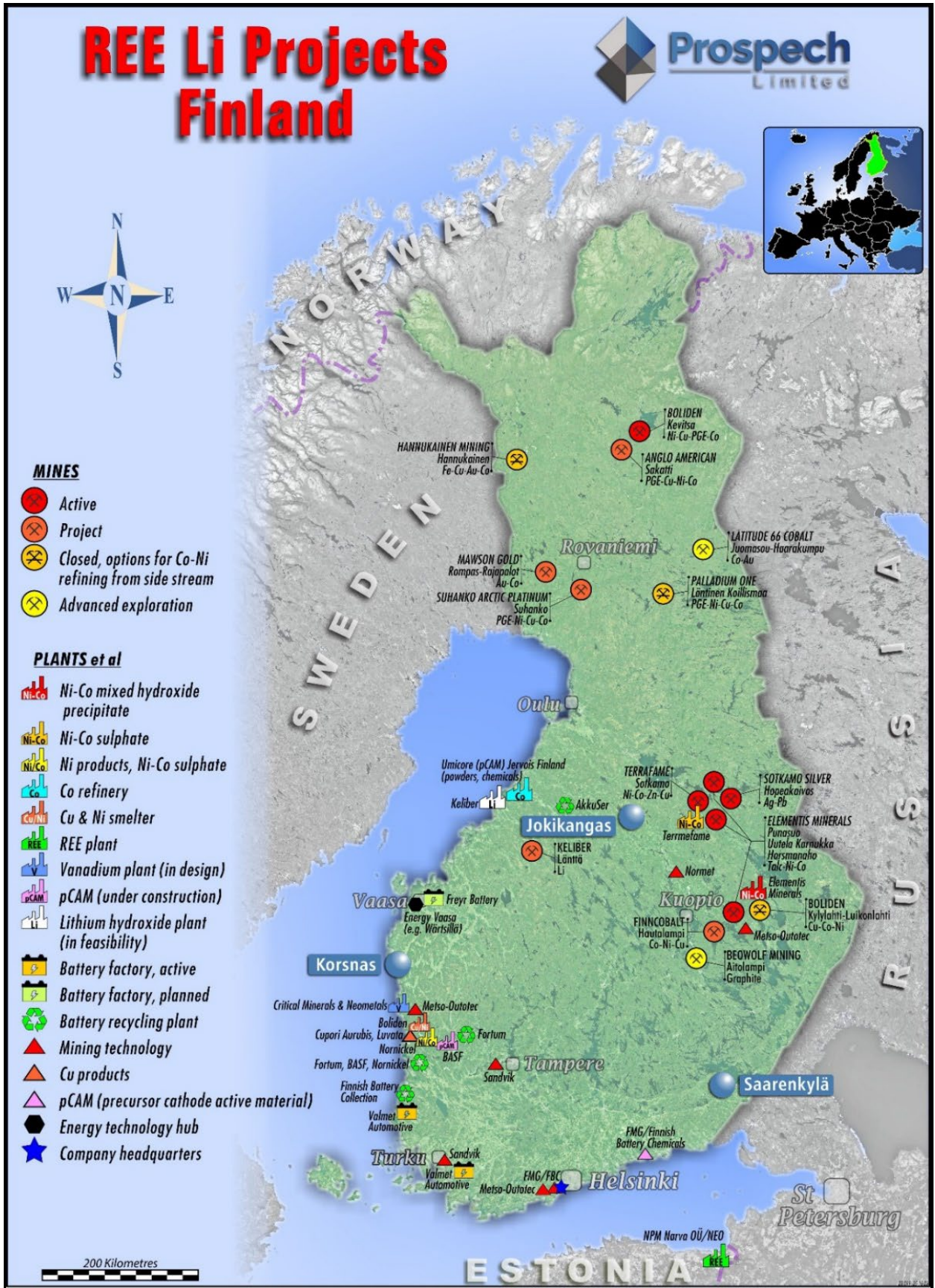


Figure 4: Korsnäs is located near an area geologically rich in critical minerals in Finland and proximate to the Neo Materials refining facility in Estonia.

Prospech Managing Director, Jason Beckton, comments, "*We are delighted to commence Prospech's first Finnish drill program, the outcomes of which are expected to enable us to establish a JORC mineral resource estimate of the REE content within the TSF. Additionally, it will provide ample material for subsequent metallurgical test programs. John Levings, PRS Executive Director has drilled and evaluated tailings in the past and is onsite overseeing operations along with the local Prospech team.*

*Our commitment to advancing the Korsnäs project aligns with our broader vision of establishing a Europe-focused critical metal business."*

### **About Prospech Limited**

Founded in 2014, the Company engages in mineral exploration in Slovakia and Finland, with the goal of discovering, defining, and developing critical elements such as rare earths, lithium, cobalt, copper, silver, and gold resources.

Prospech is taking steps to be a part of the mobility revolution and energy transition in Europe. The Company has a portfolio of prospective metals projects in Slovakia and following its acquisition of the Finland Projects is exploring prospective Critical Raw Materials including rare earth element (REE) projects. Eastern and Northern Europe are areas that are highly supportive of mining and have a growing demand for locally sourced rare earths. With the demand for these minerals increasing, Prospech is positioning itself to be a major player in the European market.

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This announcement has been authorised for release to the market by the Managing Director.

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