ASX ANNOUNCEMENT

1 May 2023

Phase 2 Diamond Drilling Complete at Step Aside

HIGHLIGHTS:

- **Phase 2 diamond drilling campaign at Step Aside Project now complete.**
- **Program comprised 20 diamond drill holes for 2,221.5 metres.**
- **All assays expected to be returned during Q2 2023.**

Prospect Resources Limited (ASX:PSC) (**Prospect** or **the Company**) is pleased to announce that the Phase 2 diamond drilling program at its Step Aside Lithium Project in Zimbabwe has now been completed.

The Phase 2 program has built on the success of the Phase 1 campaign by delivering step-out drilling targeted at strike and dip extensions of the key identified pegmatite bodies at Step Aside, the so-called "Colga A", "B", "C" "D", "E" and "F" pegmatites. The largest pegmatite, D, is interpreted to strike over at least 120m at surface and is open to the south and down dip.

The Phase 2 program comprised 20 diamond core drill holes for 2,221.5 metres of drilling, and was delivered on time and to budget.

All assays are expected to be returned, and updated geological interpretations completed, during Q2 2023.

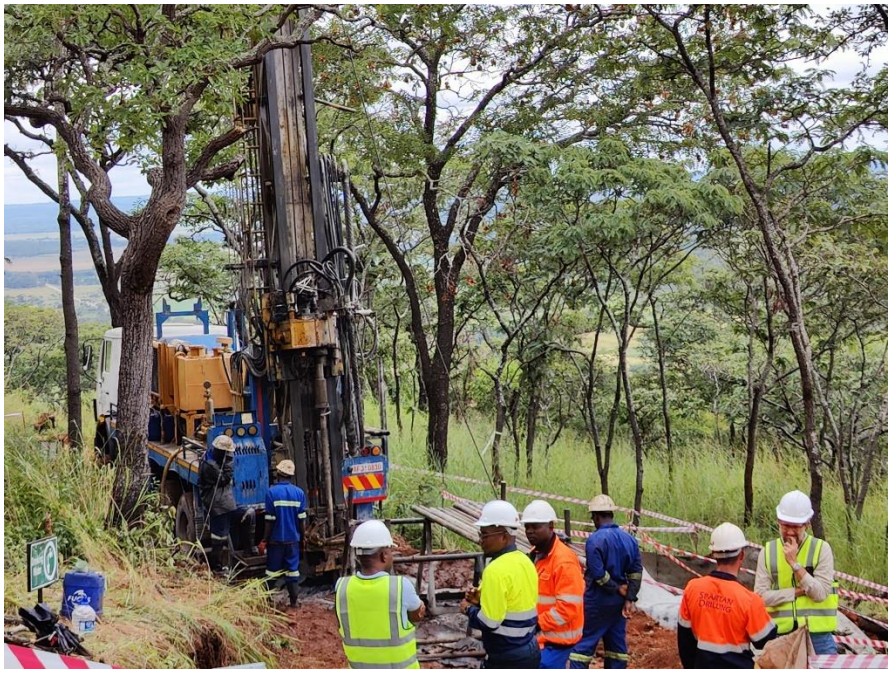

Figure 1: Diamond drilling programme at Step Aside Lithium Project

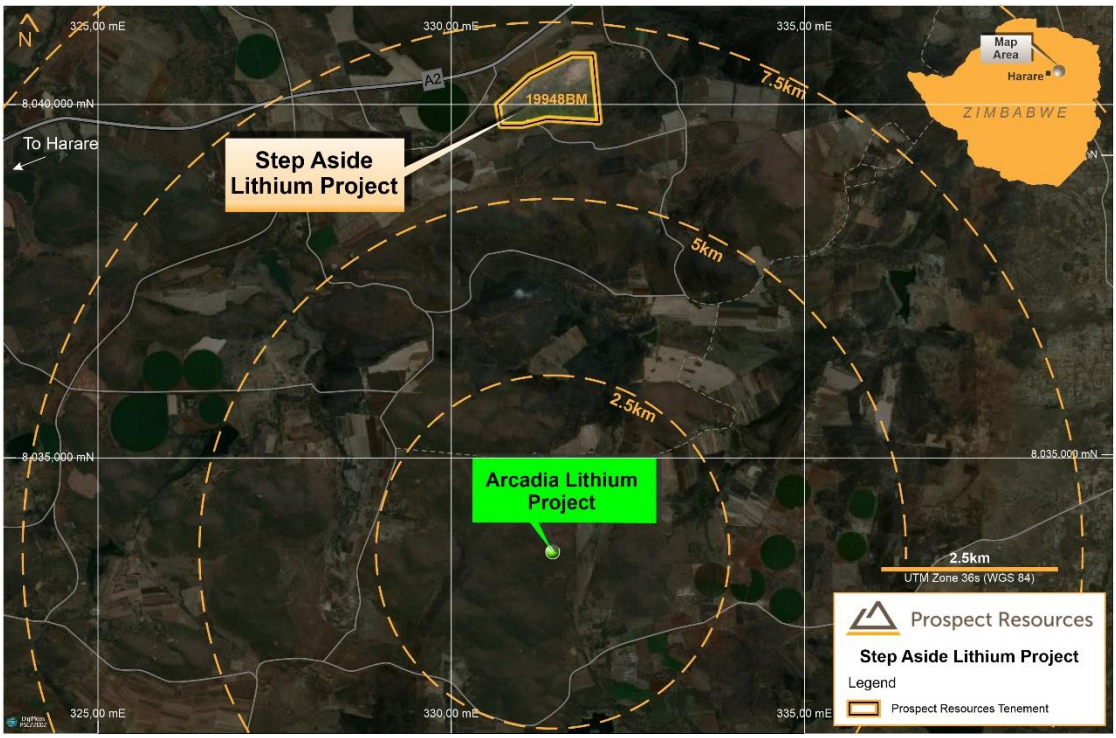

Figure 2: Locality map of Step Aside Lithium Project, 8 km north of Arcadia

This release was authorised by Sam Hosack, CEO and Managing Director.

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About Prospect Resources Limited (ASX: PSC, FRA:5E8)

Prospect Resources Limited (ASX: PSC, FRA:5E8) is an ASX listed company focused on the exploration and development of mining projects, specifically battery and electrification metals, in Zimbabwe and the broader sub-Saharan African region.

About Lithium

Lithium is a soft silvery-white metal which is highly reactive and does not occur in nature in its elemental form. In nature it occurs as compounds within hard rock deposits and salt brines. Lithium and its chemical compounds have a wide range of industrial applications resulting in numerous chemical and technical uses. Lithium has the highest electrochemical potential of all metals, a key property in its role in lithium-ion batteries.

Caution Regarding Forward-Looking Information

This announcement may contain some references to forecasts, estimates, assumptions, and other forward-looking statements. Although the Company believes that its expectations, estimates and forecast outcomes are based on reasonable assumptions, it can give no assurance that they will be achieved. They may be affected by a variety of variables and changes in underlying assumptions that are subject to risk factors associated with the nature of the business, which could cause actual results to differ materially from those expressed herein. All references to dollars ($) and cents in this announcement are in United States currency, unless otherwise stated.

Investors should make and rely upon their own enquiries before deciding to acquire or deal in the Company's securities.