

ASX ANNOUNCEMENT

12 August 2026

Great Dirt Completes Pilbara Soil Sampling Program at E45/6863

Extensive soil sampling completed to refine priority lithium targets at E45/6863.

HIGHLIGHTS

- 805 soil samples collected across priority target areas
- Soil sampling tested newly defined geophysical and geochemical targets across E45/6863.
- Sampling covered priority areas associated with the K1–K10 target zones, including areas proximal to defined potassium radiometric anomalies.
- Samples have been submitted for multi-element analysis, with results expected to assist in refining future exploration targets.

Great Dirt Resources Ltd (ASX:GR8) (Great Dirt or the Company) is pleased to advise that it has completed its planned soil sampling program at the Pilbara Project (E45/6863), with a total of 805 soil samples collected across priority target areas.

This program is an important step in advancing the Company's lithium exploration strategy in the Pilbara, following the target generation work outlined in the June Quarterly Activities Report. As previously announced, Great Dirt developed multiple coincident geophysical, structural and geochemical targets for follow-up exploration and planned an enhanced soil sampling program and detailed mapping campaign to test identified pegmatite occurrences and newly defined target areas.

Executive Director Tim Laneyrie commented:

"Completion of the 805-sample soil program is an important step in advancing Great Dirt's Pilbara exploration strategy. The program builds on the Company's recent geophysical interpretation and field mapping and provides a strong platform for incoming assay results to assist in refining and prioritising future exploration targets across the project."

Program Overview

Tenement E45/6863 covers approximately 67 km² and is strategically located approximately 43 km from Pilbara Minerals' (ASX: PLS) Pilgangoora Lithium Project and adjacent to tenure held by Wildcat Resources (ASX: WC8) and Sayona Mining (ASX: SYA), positioning it within a highly active and mineral-rich corridor of the Pilbara region in Western Australia.

The soil sampling program was designed to:

- test newly defined geophysical and geochemical targets across E45/6863.
- evaluate priority areas associated with possible pegmatite occurrences, the K1-K10 target zones defined by geological interpretations combined with gravity, potassium and radiometric anomalies¹; and
- support future target refinement by testing geological features interpreted to be associated with the fertile granite margin and prospective geological setting for LCT pegmatite mineralisation¹.

Sampling was completed on a systematic grid covering priority areas identified through the recent geophysical review¹, which highlighted that E45/6863 shares several key geological features with nearby lithium projects, including Pilgangoora and Tabbatabba.

As previously announced, historical mapping has identified numerous pegmatite occurrences in the broader project area, with little recent exploration. Previous work has also identified elevated lithium pathfinder elements, including caesium, beryllium and niobium, together with historical lithium results of up to 708ppm Li₂O rock samples¹. These pathfinder elements are coincident with major east-west dolerite and north-south greenstone blocks, a geological setting interpreted to be similar to the host sequence at Tabbatabba.

Elemental dispersion observed in previous soil samples² showed lithium in soil anomalism coincident with aluminium, rubidium and tin, which may support an interpretation of fractionation associated with prospective LCT pegmatite mineralisation.

All samples have now been dispatched to the laboratory for multi element analysis, including lithium pathfinder elements. Results are expected during the September quarter.

Next Steps

Great Dirt will integrate the results of the soil sampling program with existing geophysical datasets, including potassium radiometric anomalies, gravity-defined granite boundaries and structural interpretations, to refine and prioritise future exploration targets.

Authorised for release to the ASX by the Board of Great Dirt Resources Ltd.

For further information, please visit or contact:

Tim Laneyrie
Executive Director
Great Dirt Resources Ltd
+61 8 6370 3123

Media:
Paul Armstrong
Read Corporate
+61 8 9388 1474



www.greatdirt.com.au



info@greatdirt.com.au

¹ GR8 ASX Announcement dated 19 May 2026, "[Geophysics Highlights GR8 Pilbara Lithium Potential](#)".

² GR8 ASX Announcement dated 23 June 2025, "[Initial Pilbara Soil Sampling Highlights Li Anomalism](#)".

About Great Dirt Resources Ltd

Great Dirt Resources Ltd is an Australian exploration company focused on critical and battery mineral opportunities. The Company's portfolio includes the Doherty and Basin manganese projects in northern New South Wales and the Pilbara Project in Western Australia. Following a successful ballot application, Great Dirt expanded its Western Australian portfolio through Tenement E45/6863, the Pilbara Project, located in one of Australia's most active lithium regions. The Pilbara Project is approximately 43 km from Pilbara Minerals' Pilgangoora Lithium Project, one of the world's largest hard-rock lithium deposits.

Competent Person's Statement

Information in this announcement that relates to exploration results is based on, and fairly represents, information and supporting documentation prepared and compiled by Mr Michael Leu, a Member of the Australian Institute of Geoscientists and a Member of the Australasian Institute of Mining and Metallurgy. Mr Leu is engaged as an independent geological consultant and is not an employee of Great Dirt Resources Limited. Mr Leu has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity being undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Leu consents to the inclusion in this announcement of the matters based on his information in the form and context in which they appear.

No New Information

Except where explicitly stated, this announcement contains references to prior exploration results, historical production information and other historical geological information sourced from previous ASX announcements and publicly available records referenced in this announcement. The Company confirms that it is not aware of any new information or data that materially affects the information included in those sources.

Forward Looking Statement

This announcement contains forward-looking statements concerning the projects owned by Great Dirt Resources Ltd. Forward-looking statements are not statements of historical fact and are based on the Company's expectations, estimates and assumptions as at the date of this announcement. Actual events and results may differ materially from those described in forward-looking statements as a result of various risks, uncertainties and other factors. The Company does not undertake to update or revise any forward-looking statement to reflect events or circumstances after the date of this announcement, except as required by law.