

ASX ANNOUNCEMENT

5th May 2025

Strategic Pilbara Exploration Licence Granted

HIGHLIGHTS

- Exploration Licence E45/6863 granted, securing 21 highly prospective blocks in Western Australia's renowned Pilbara mineral field
- Underexplored tenure with significant discovery potential—no prior lithium-focused programs recorded
- Along strike of Wildcat Resources' Bolt Cutter Lithium Project and within a high-activity lithium corridor

Great Dirt Resources Limited (ASX:GR8) ("Great Dirt" or "the Company") is pleased to announce that Exploration Licence E45/6863, has been officially granted by the Department of Energy, Mines, Industry Regulation and Safety.

The newly granted licence spans 21 contiguous blocks (67 km²) in the heart of the Pilbara lithium province, just 43 km northeast of Pilbara Minerals' (ASX: PLS) world-class Pilgangoora Lithium Project. The tenement sits directly alongside key players in the lithium space, including Wildcat Resources (ASX: WC8) and Sayona Mining (ASX: SYA), placing Great Dirt at the centre of one of Australia's most sought-after exploration corridors.

Managing Director Marty Helean commented:

"The granting of Exploration License E45/6863 demonstrates Great Dirt's ability to secure quality assets in tier-one jurisdictions. The tenement's strategic location in the highly prospective Pilbara mineral field—alongside major lithium explorers—offers immense upside. Exploration planning is already underway. The Great Dirt team remains focused on securing high-quality, value-accretive assets across key commodities, in line with our strategy to build a strong and diversified project pipeline.

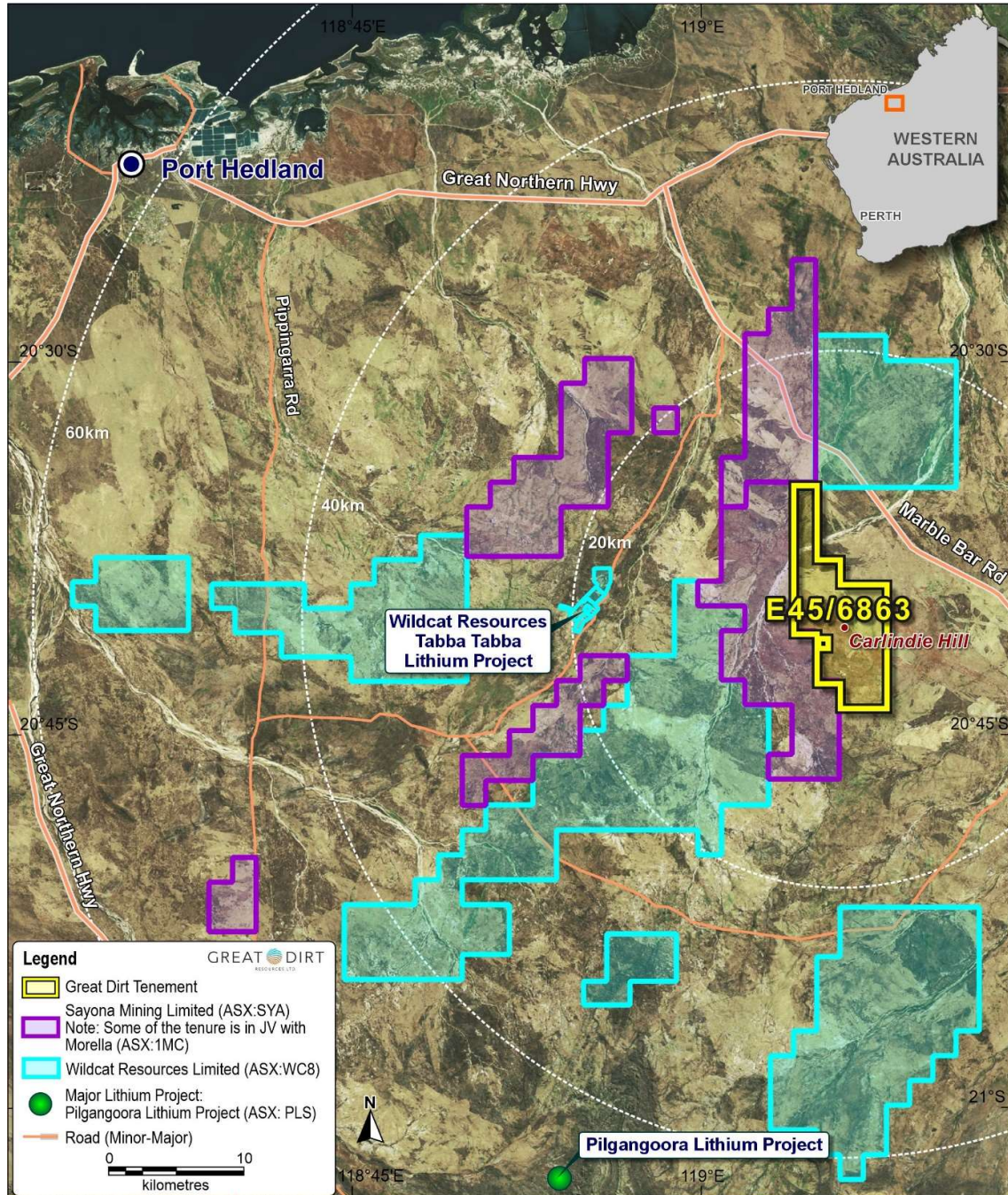


Figure 1: Location of Great Dirt Tenement E45/6863

Pilbara Tenement Surrounded by Wildcat

The licence area completed its native title advertising period, which concluded on February 4, 2025, without objections. In alignment with this progress, Great Dirt has executed an Access Agreement with the pastoralist. With all approvals in place, the Company is fully permitted to commence on-ground exploration.

Outstanding Exploration Potential

E45/6863 is located near key lithium projects in Western Australia, including Wildcat Resources' Tappa Tappa Lithium Project (approx. 18 km west) and the Pilgangoora Lithium Project (approx. 43 km southwest). However, there has been no dedicated lithium exploration over the area and it has remained largely untested

Importantly, the tenement is situated east of the Tappa Tappa Greenstone Belt and extends over the Carlindie Batholith complex, which consists of granitic formations from the Tambina, Callina, and Split Rock Supersuites —a geological setting consistent with lithium pegmatite potential.

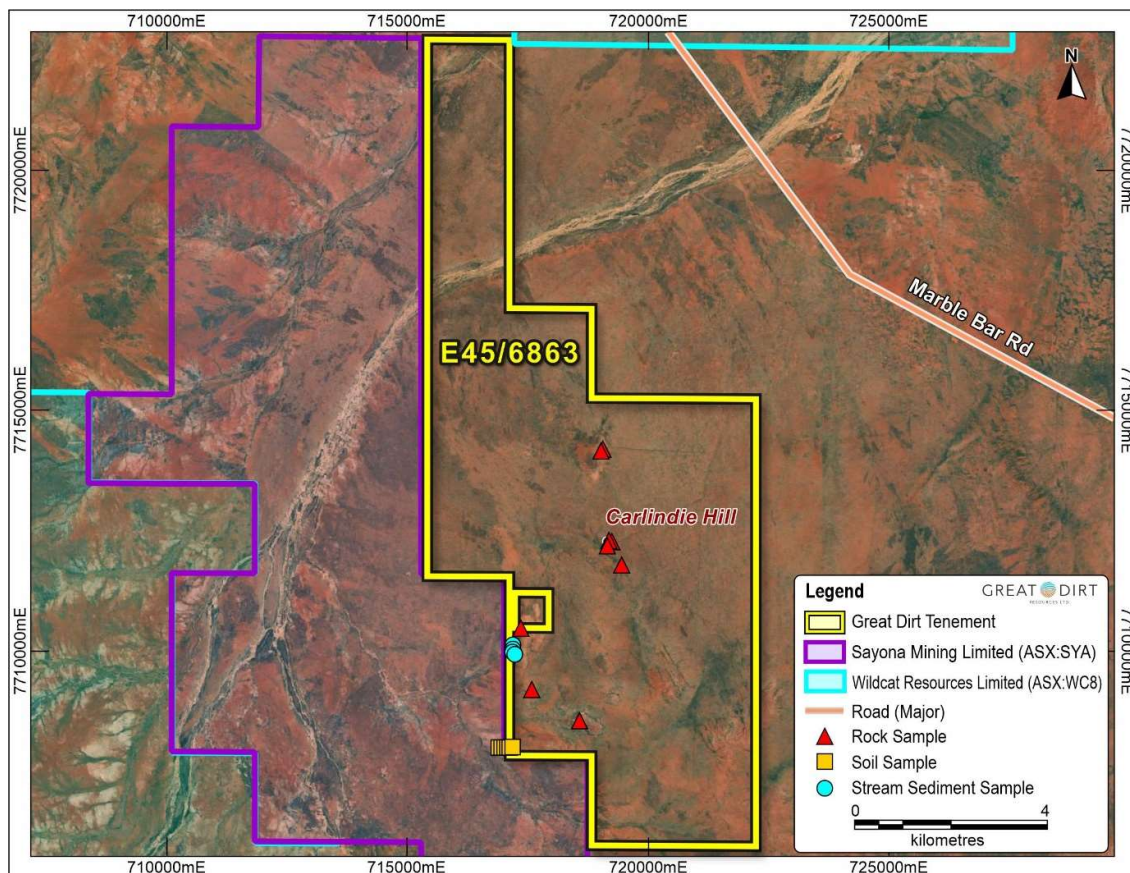


Figure 2: Reported Rock, Soil (WAMEX A138615) and Stream Sediment (WAMEX A104043 and A108018) sampling within tenement E45/6863 (not reported in this release)

Authorised for release by the Board of Great Dirt Resources Ltd

For further information, please visit or contact:



www.greatdirt.com.au



info@greatdirt.com.au

About Great Dirt Resources Ltd

Great Dirt's **Doherty and Basin Projects** are contained within EL 9527, located near the Barraba township, in northern NSW. These projects are prospective for high-grade manganese, with both projects having produced metallurgical and battery grade manganese historically. The Doherty Project comprises the old Doherty and Junior Mines, plus other workings and occurrences of manganese. The Basin Project contains several smaller manganese workings.

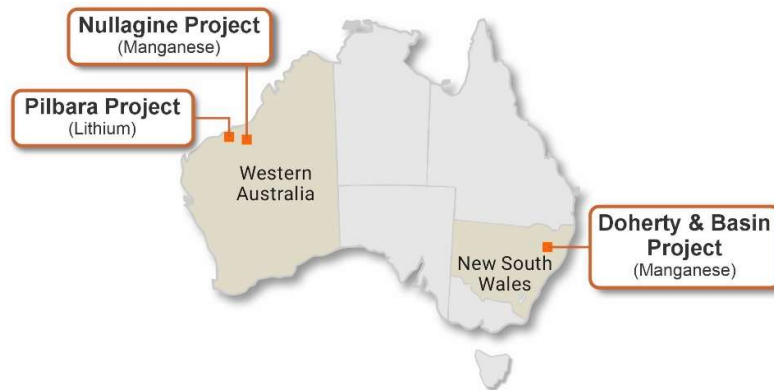
From 1941, for two decades, mines of the Doherty Project produced around 9,000 tonnes of battery and metallurgical grade manganese, both from opencut and underground operations. The battery grade ore was delivered to Eveready in Sydney for use in dry cell batteries, the metallurgical grade ore was purchased by BHP for use in steel production.

Great Dirt believes that historical work, while having discovered manganese, is unlikely to have located all sources in the area. Floaters, large rock fragments in the soil profile, of high-grade manganese ore reported outside known mine areas are a direct indication of unidentified manganese mineralisation. Additionally, notes on the mineral occurrences of the area refer to extensions and deposits along strike that were not mined.

A program of modern, systematic, geochemical and geophysical surveys will test known targets and their extents and could locate previously unrecognised blind deposits. Subsurface geophysical methods and drilling is likely to yield further targets that could be developed into projects to produce metallurgical and battery grade manganese.

Great Dirt has significantly expanded its manganese exploration portfolio following the acquisition of two tenements (E45/6949 and E45/6950 – the '**Nullagine Project**'), ~ 50km northeast of Consolidated Minerals Woodie Woodie manganese mine, in the Shire of East Pilbara, Western Australia.

Following a successful ballot application and exploration licence grant, Great Dirt has expanded its WA portfolio to include a position in one of the most prominent lithium regions in Western Australia and worldwide. Tenement E45/6863 – '**Pilbara Project**' is located approximately 43km from Pilbara Minerals (ASX:PLS), Pilgangoora Lithium Project, one of the largest hard-rock lithium deposits in the world.



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, who is a Member of the Australian Institute of Geoscientists and a Member of the Australasian Institute of Mining and Metallurgy. Mr Leu is the geological consultant for Great Dirt Resources Ltd. Mr Michael Leu has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person, as defined in the 2012 Edition of the Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves. Mr Michael Leu consents to the inclusion in the announcement of the matters based on this information in the form and context in which it appears.

No New Information

Except where explicitly stated, this announcement contains references to prior exploration results, all of which have been cross-referenced to previous market announcements made by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements.

Forward Looking Statement

This report contains forward looking statements concerning the projects owned by Great Dirt Resources Ltd. If applicable, statements concerning mining reserves and resources may also be deemed to be forward looking statements in that they involve estimates based on specific assumptions. Forward-looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward-looking statements as a result of a variety of risks, uncertainties and other factors. Forward looking statements are based on management's beliefs, opinions and estimates as of the dates the forward looking statements are made and no obligation is assumed to update forward looking statements if these beliefs, opinions, and estimates should change or to reflect other future developments.