

ASX ANNOUNCEMENT

30th November 2023

Completion of Aerial Survey

HIGHLIGHTS

- Thomson Airborne complete aerial magnetic and radiometric survey over the Doherty Manganese Project and surrounds
- A total of 1,165 line kilometres were flown and accepted after quality control checks were completed
- Raw data to be received within 20 working days
- Southern Geoscience to deliver processed and targeting data in early Q1 CY 2024

Great Dirt Resources Limited (ASX:GR8) ('Great Dirt' or 'the Company') is pleased to announce that Thomson Airborne has completed the aerial magnetic and radiometric survey over the Doherty Manganese Project and surrounds.

The data derived from this aerial magnetic and radiometric survey will be the preliminary component of the geographic information system to be developed for the Doherty Project. The backbone of this data is the digital elevation model derived from this survey and augmented with regional data sources.

Great Dirt's Managing Director, Marty Helean said,

"We extend our appreciation to Thomson Aviation for their outstanding performance in navigating challenging weather conditions without incurring any standby time. Our gratitude also extends to all landholders for their patience and understanding, demonstrated throughout the past five days. The forthcoming data set, coupled with soil and rock chip assays positions us favourably for an exciting commencement in 2024."



Figure 1; Survey Helicopter AS350BA

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

For further information, please visit or contact:



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About Great Dirt Resources LTD

Great Dirts' 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.

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.