ASX ANNOUNCEMENT – 19th January 2026

Diamond Drilling starts at the Bomb-Diggity targets

Litchfield Minerals Limited ("Litchfield" or the "Company") is pleased to advise the commencement of our **maiden diamond drilling campaign** at the **Oonagalabi Project**, targeting two high-priority intrusive-related zones interpreted to potentially represent **heat, fluid and metal drivers** of a large-scale copper-zinc-gold mineral system.

The campaign comprises **two diamond drill holes**, with the **1000m** program **co-funded by the Northern Territory Geological Survey (NTGS)**, highlighting the strong technical merit and regional significance of Litchfield's exploration model at Oonagalabi.

Highlights

- Maiden **diamond drilling underway** at Oonagalabi, supported through NTGS co-funding.
- Bomb-Diggity**, a pipe-like, intrusive target** interpreted as a potential heat/fluid/metal source.
- Oonagalabi Main Zone "Magnetic Finger", a strong, coherent magnetic feature associated with gold-silver-bismuth mineralisation and magnetite alteration[1].
- Phase one **highlighted Cu-Zn ± Pb mineralisation** hosted in calc-silicate units (interpreted as SEDEX-style or potentially skarn-related, strongly metamorphosed.
- A potential **later Au–Ag–Bi mineralisation** linked to intense magnetite alteration, interpreted as a second intrusion-related event, potentially IOCG-style[1].
- OGRC002 intersected **15m @ 0.45 g/t Au and 0.17% Bi Inc 1m @ 2.86g/t Au & 1m @ 1.62g/t Au** from 50m, associated with strong magnetite alteration, overprinting earlier Cu–Zn mineralisation.[1]
- Bomb-Diggity and multiple nearby intrusions occur within a **high-magnetic structural hinge zone**, interpreted to represent a long-lived fluid pathway capable of focussing multiple mineralising events.
- Litchfield believes **VTEM targets may be genetically related to Bomb-Diggity and other nearby intrusions**, significantly expanding the number of high-impact targets across the broader Oonagalabi corridor.

1. *https://api.investi.com.au/api/announcements/lms/ad2d741a-8b2.pdf - Gold Emerges in High Mag Zone*

Managing Director Comment

"This maiden diamond drilling campaign represents an excellent first test of what we believe may be a later-stage, intrusion-related mineralising event associated with gold and bismuth. Phase 1 RC drilling confirmed a large mineralised footprint and, importantly, the presence of two potentially distinct mineralisation styles, an earlier copper-zinc system and a later gold-silver-bismuth overprint linked to intense magnetite alteration.

With the wonderful support of the Northern Territory Geological Survey (NTGS) co-funding this 1000m diamond program, we believe the key to unlocking a Tier-1 discovery at Oonagalabi is identifying the intrusive sources and structural pathways that have driven mineralisation across the broader project area. Bomb-Diggity was the first intrusion we recognised along the major crustal boundary between the Aileron and Irindina Provinces. It is a pipe-like magnetic target of genuine scale and drilling it represents our first direct test of one of the system's interpreted 'engine rooms'.

At the same time, we are drilling the elongated 'Magnetic Finger' that runs through the Oonagalabi Main Zone, where we have already identified a compelling gold-bismuth overprint. This hole is designed to determine whether this magnetite-associated Au–Bi event is linked to nearby intrusions, potentially representing an IOCG-style system analogous in character to Tennant Creek.

Importantly, while this program is a strong first step, it is not the final test. With multiple additional intrusions now identified along the Aileron–Irindina contact, and priority VTEM conductors sitting on or immediately adjacent to these magnetic bodies, we are increasingly confident this corridor has the scale, architecture and fertility to host a major mineral system.

With NTGS support and a rapidly expanding target pipeline, we believe Oonagalabi has the potential to deliver a high-impact discovery."

Diamond Drilling Strategy

Phase 1 RC drilling at Oonagalabi has confirmed a large and coherent mineralised footprint, including two separate and compelling mineralisation styles **(Figure 1**):

Firstly, the Cu-Zn ± Pb mineralisation is hosted in calc-silicate units, which appears to predate folding and high-grade metamorphism and extends across an interpreted **3km strike length and ~1km width**. While the system geometry aligns with a SEDEX-style footprint, a skarn-like origin remains possible.

Second, a potential later-stage Au–Ag–Bi mineralisation event in OGRC002[1] is characterised by intense magnetite alteration that overprints the earlier Cu-Zn system. Importantly, this gold-rich event appears chemically and temporally distinct, with a metal assemblage and oxidation signature consistent with an intrusion-related mineral system, potentially analogous to Tennant Creek-style IOCG mineralisation.

After reviewing the magnetic data around OGRC002, it became evident there may be a genetic link between this magnetic "finger" and the large **1 km x 1 km Bomb-Diggity** target. On that basis, we concluded a diamond hole would be the most effective way to test the model, and we decided to apply through the **NTGS collaboration program** to seek co-funding for the program.

Litchfield considers the recognition of these two overprinted mineral events to be a highly positive development, mirroring the multi-phase architecture observed in major mineral provinces such as Mount Isa, where early Zn-Pb-Ag SEDEX deposits are overprinted by later epigenetic, structurally-controlled Cu deposit.

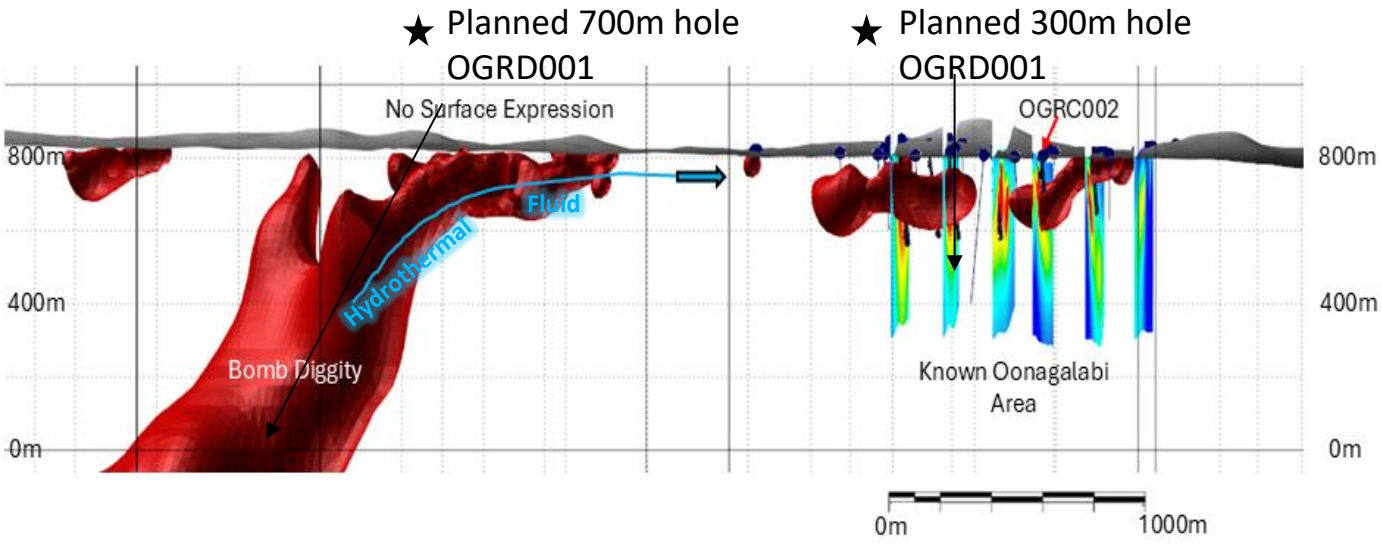

Figure 1: Magnetic (Red, +>0.022 mesh) 3D inversion models, looking South towards Oonagalabi

1. *https://api.investi.com.au/api/announcements/lms/ad2d741a-8b2.pdf - Gold Emerges in High Mag Zone*

OGRD001: Bomb-Diggity intrusive target

The first diamond drill hole (**OGRD001)** will target the Bomb-Diggity intrusive target, a very large 1km long by 1km deep, pipe-like magnetic anomaly interpreted by Litchfield to represent an intrusion possibly linked to a discrete, elongate, finger-shaped anomaly withing the Oonagalabi Main zone (Figure 2).

Bomb-Diggity and several additional newly recognised intrusive bodies are large, coherent magnetic features that cut across stratigraphy and are interpreted to potentially act as a primary heat, metal and fluid source for the broader Oonagalabi mineral system.

These intrusions are located within the core of a prominent high-magnetic domain that marks a major structural hinge in the Oonagalabi corridor. Globally, large copper-zinc-gold systems commonly accumulate where intrusions interact with structure-rich, long-lived fluid pathways, focusing repeated mineralising events and driving large-scale alteration footprints.

OGRD002: Testing the Oonagalabi Main Zone "Magnetic Finger"

The second diamond drill hole **(OGRD002)** will test the strong "Magnetic Finger" feature that runs through the Oonagalabi Main Zone, interpreted to represent a key structural and intrusive-related conduit **(Figure 2).**

This feature is considered highly prospective due to the data obtained from the Phase 1 results from OGRC002, which **returned 15m @ 0.45 g/t Au and 0.17% Bi Inc 1m @ 2.86g/t Au & 1m @ 1.62g/t Au** from 50m, hosted within strong magnetite alteration (up to ~20%) that clearly overprints earlier calc-silicate alteration and Cu–Zn mineralisation.

Litchfield currently interprets this magnetite-gold-bismuth association as evidence of a second metallogenic event, with characteristics consistent with intrusion-related gold-copper systems, including potential IOCG affinity.

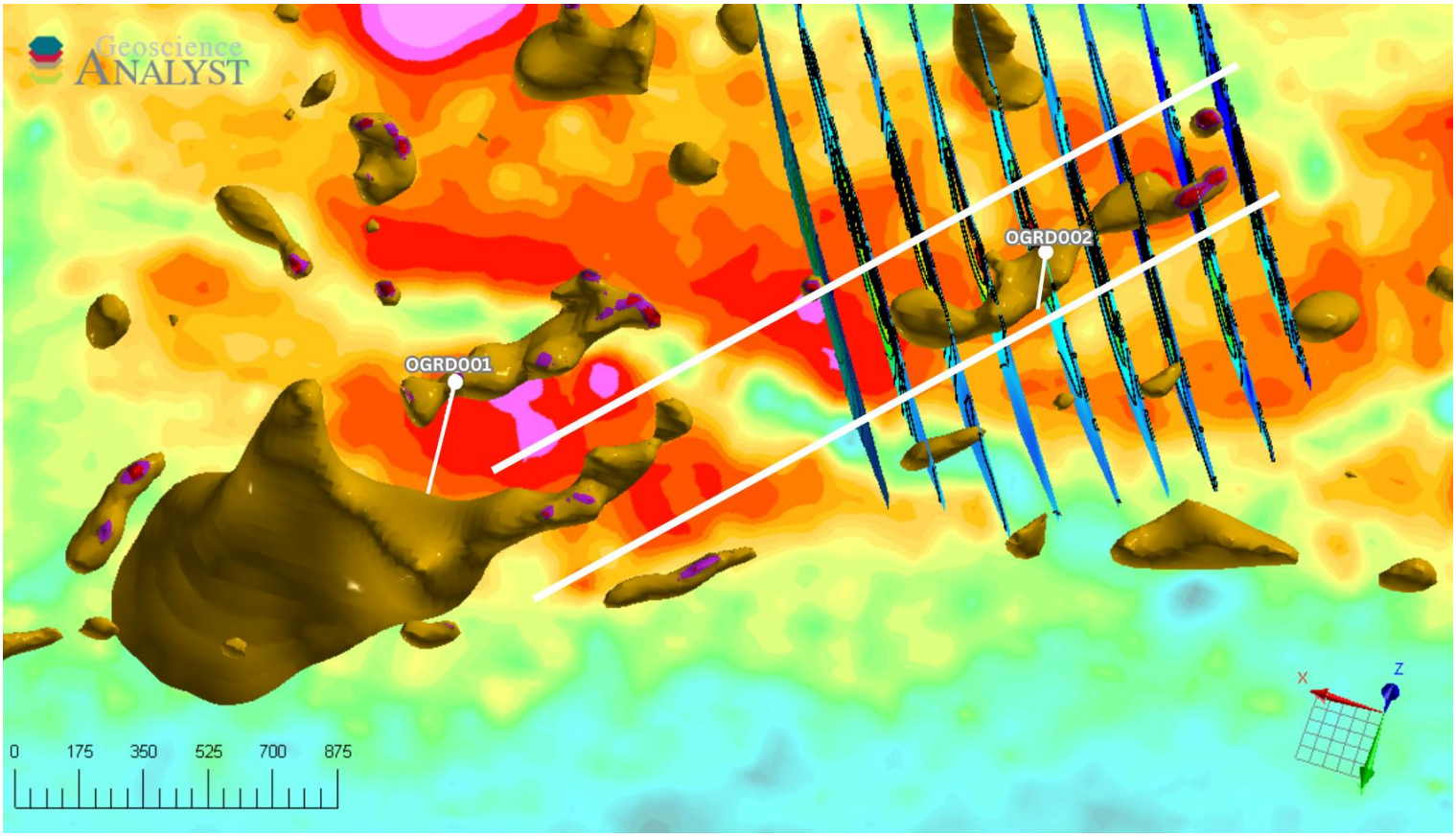

Figure 2: *Planned drill hole OGRD001 targeting the Bomb-Diggity intrusive body, and OGRD002 testing the elongate, finger-like magnetic feature associated with the Oonagalabi Main Zone.*

Expanding Scale: VTEM Targets and Multiple Intrusions

The Company also notes that the broader Oonagalabi corridor hosts multiple high-priority electromagnetic targets identified through VTEM, which Litchfield believes may be genetically linked to the suspected intrusive centers that appear to intrude along the major crustal boundary between the Aileron and Irindina Provinces **(Figure 3).**

Importantly, many of the priority conductors are located on, or immediately adjacent to, these magnetic features, reinforcing the Company's intrusion-driven exploration model.

With numerous additional intrusions recently recognised, Litchfield considers the system potential to have materially increased, expanding the number of large-scale targets capable of acting as heat and metal sources, and providing multiple discovery opportunities across the project area.

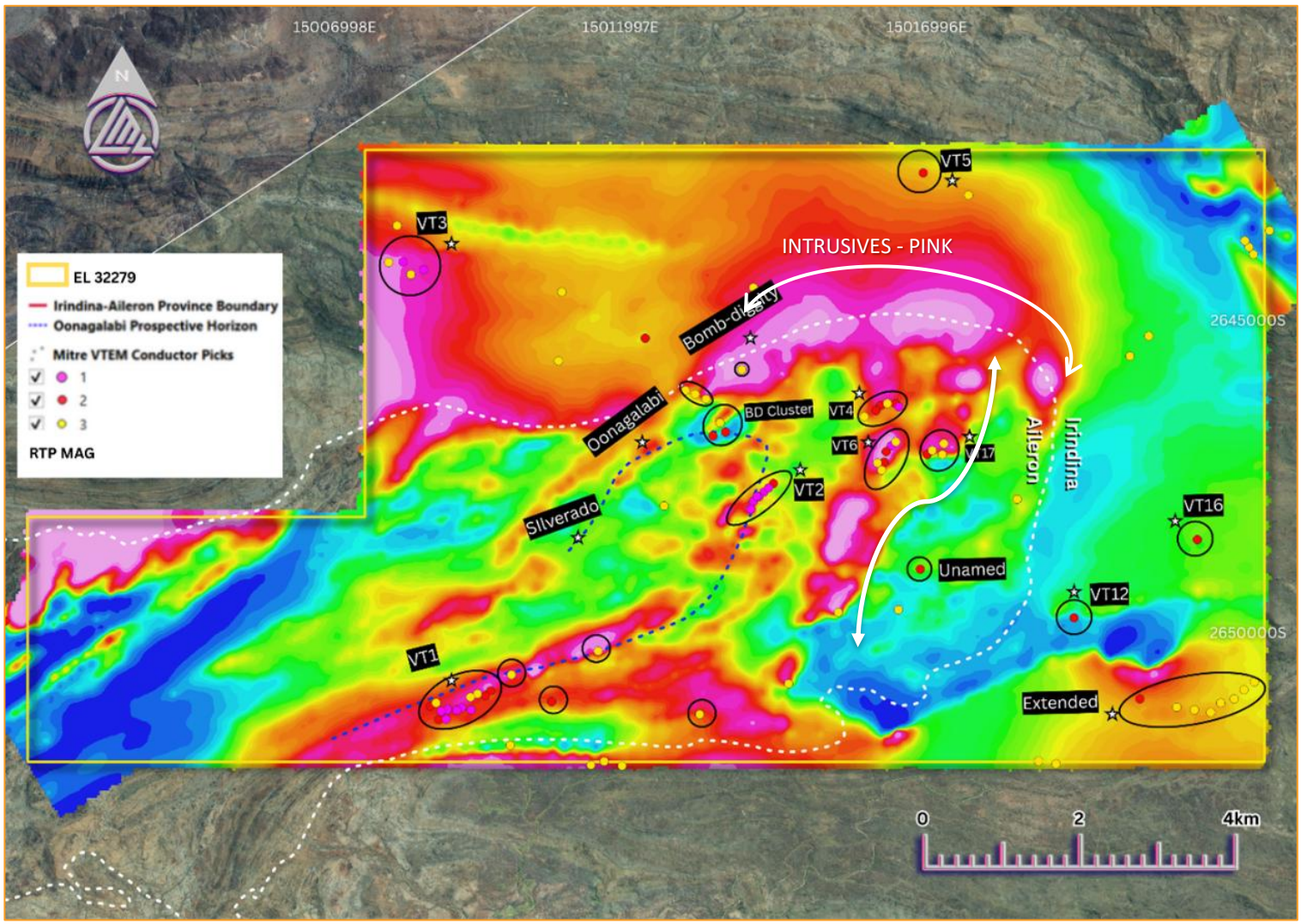

Figure 3: VTEM Priority 1-3 conductors overlayed with Magnetic highs.

Cautionary Statement

This announcement contains forward-looking statements that involve known and unknown risks, uncertainties, and other factors that may cause actual results, performance, or achievements to differ materially from those expressed or implied. Such statements include but are not limited to, interpretations of geophysical data, planned exploration activities, and potential mineralisation outcomes. Visual estimates of mineral abundance and pXRF results should never be considered a proxy or substitute for laboratory analyses where concentrations of grades are the factors of principal economic interest. Visual estimates also potentially provide no information regarding impurities or deleterious physical properties relevant to valuation. Forward-looking statements are based on Litchfield Minerals Limited's current expectations, beliefs, and assumptions, which are subject to change in light of new information, future events, and market conditions. While the Company believes that such expectations and assumptions are reasonable, they are inherently subject to business, geological, regulatory, and operational risks. Further work, including drilling, is required to determine the economic significance of any anomalies identified. Investors should not place undue reliance on forward-looking statements. Litchfield Minerals Limited disclaims any obligation to update or revise any forward-looking statements to reflect events or circumstances after the date of this announcement, except as required by law.

About Litchfield Minerals

Litchfield Minerals is a critical mineral explorer, primarily searching for base metals and uranium out of the Northern Territory of Australia. Our mission is to be a pioneering copper exploration company committed to delivering cost-effective, innovative and sustainable exploration solutions. We aim to unlock the full potential of copper and other mineral resources while minimising environmental impact, ensuring the longevity and affordability of this essential metal for future generations. We are dedicated to involving cutting-edge technology, responsible practices and stakeholder collaboration drives us to continuously redefine the industry standards and deliver value to our investors, communities and the world.

Competent Person's Statement

The information in this announcement relates to Exploration Results and is based on, and fairly represents, information and supporting documentation compiled by Mr Russell Dow (MSc, BSc Hons Geology), a Competent Person who is a Member of the Australian Institute of Mining and Metallurgy (AUSIMM) and is a full-time employee of Litchfield Minerals Limited. Mr Dow has sufficient sampling experience that is relevant to the style of mineralisation and types of deposits 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" (JORC Code). Mr Dow consents to the inclusion in the Public Report of the matters based on their information in the form and context in which it appears. With regard to the Company's ASX Announcements referenced in the above Announcement, the Company is not aware of any new information or data that materially affects the information included in the Announcements.

The announcement has been approved by the Board of Directors.
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