

ASX ANNOUNCEMENT

14th December 2023

CORPORATE DETAILS

ASX Code: SLZ

DIRECTORS

JEREMY KING
CHAIRMAN

STEVEN GROVES
NON-EXECUTIVE DIRECTOR

DAVID LEES
NON-EXECUTIVE DIRECTOR

www.sultanresources.com.au

EXPLORATION UPDATE: CALESI NICKEL PROSPECT

- **Programme of Works (PoW) submitted to DMIRS for initial drilling at Calesi Ni prospect near Kulin, WA**
- **Drill programme currently expected to be undertaken in Q1 2024**
- **Calesi Prospect defined by significant, late time airborne electromagnetic (EM) survey conductivity anomaly**
- **Rio Tinto Exploration formally exercise their option to earn an 80% interest in the Calesi exploration licence, and are sole-funding the drill campaign**

Sultan Resources Ltd (ASX:SLZ or **Company**) is pleased to advise that it has submitted a programme of works (**PoW**) to facilitate drilling to test the Calesi magmatic nickel prospect.

The Calesi prospect is located on exploration licence E70/5082 which is the subject of an option and farm-in agreement with Rio Tinto Exploration Pty Limited (**RTX**), a wholly owned subsidiary of Rio Tinto Ltd (refer SLZ announcement 21st June 2023). Pursuant to the agreement, RTX has now formally elected to farm-in to E70/5082, with a right to earn an 80% interest by sole funding \$2m of exploration within 5 years. E70/5082 forms part of the Company's broader Kondinin-Lake Grace exploration project (refer Figure 5).

In August, contractors NRG Geophysics undertook a detailed (100m line-spaced) helicopter-borne time-domain electromagnetic (EM) survey totalling around 80 line km over an area approximately 4km SW of the wheatbelt town of Kulin (refer Figures 4, 5). The heli-borne EM survey outlined a significant EM conductivity response over 750m in length and 230m in width, which may resolve to two targets with further investigation (refer Figure 1) and is characterised by a strong late-time signal. The Company and RTX consider the geological setting and EM response is suggestive of potential for magmatic nickel sulfide mineralisation (refer Figure 2).

The PoW will facilitate a planned initial drill programme of 2 RC holes (refer Figure 1 inset) to test the anomaly, together with potential follow up diamond drilling if required. The RC holes are nominally



planned to for depths of up to 350m and are designed to penetrate the modelled target from around 70m below surface.

The PoW covers the anomaly south of the Tier 3 Railway Reserve for the Jitarning-Kulin rail line, which has been closed since 2013. Planned holes are outside the 30m buffer of the Railway Reserve, as required by the conditions of grant of E70/5082. The Company is currently applying for Ministerial permission under the 1978 Mining Act to undertake drilling within 30m of the Railway Reserve, and from within the Railway Reserve itself.

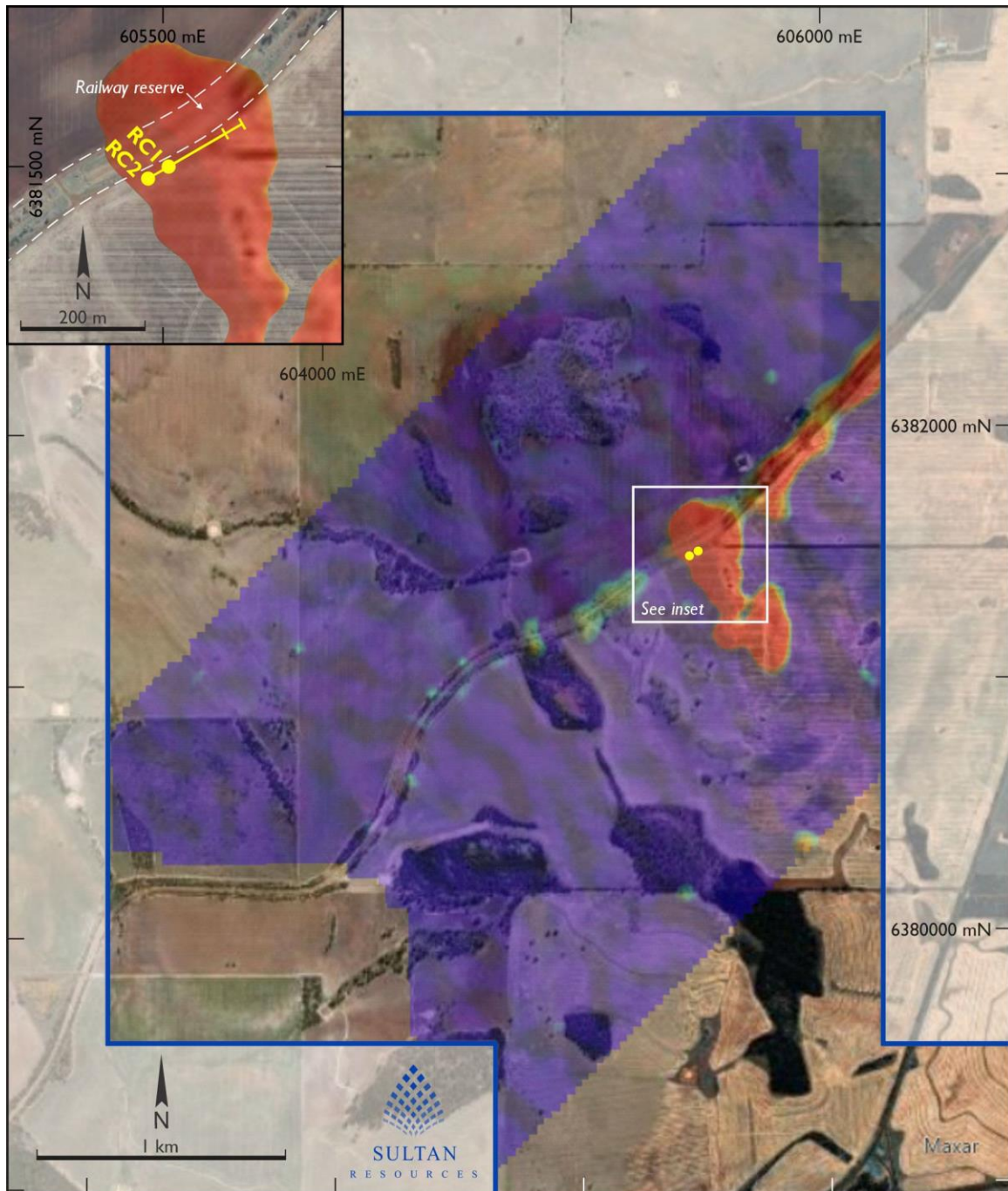


Figure 1: Channel 24Z EM response image overlain on aerial photography, with tenement E70/5082 highlighted. EM data also indicates the position of the Tier3 Jitarning-Kulin rail line, closed since 2013. Initial planned 2 hole RC drill traverse highlighted in inset.

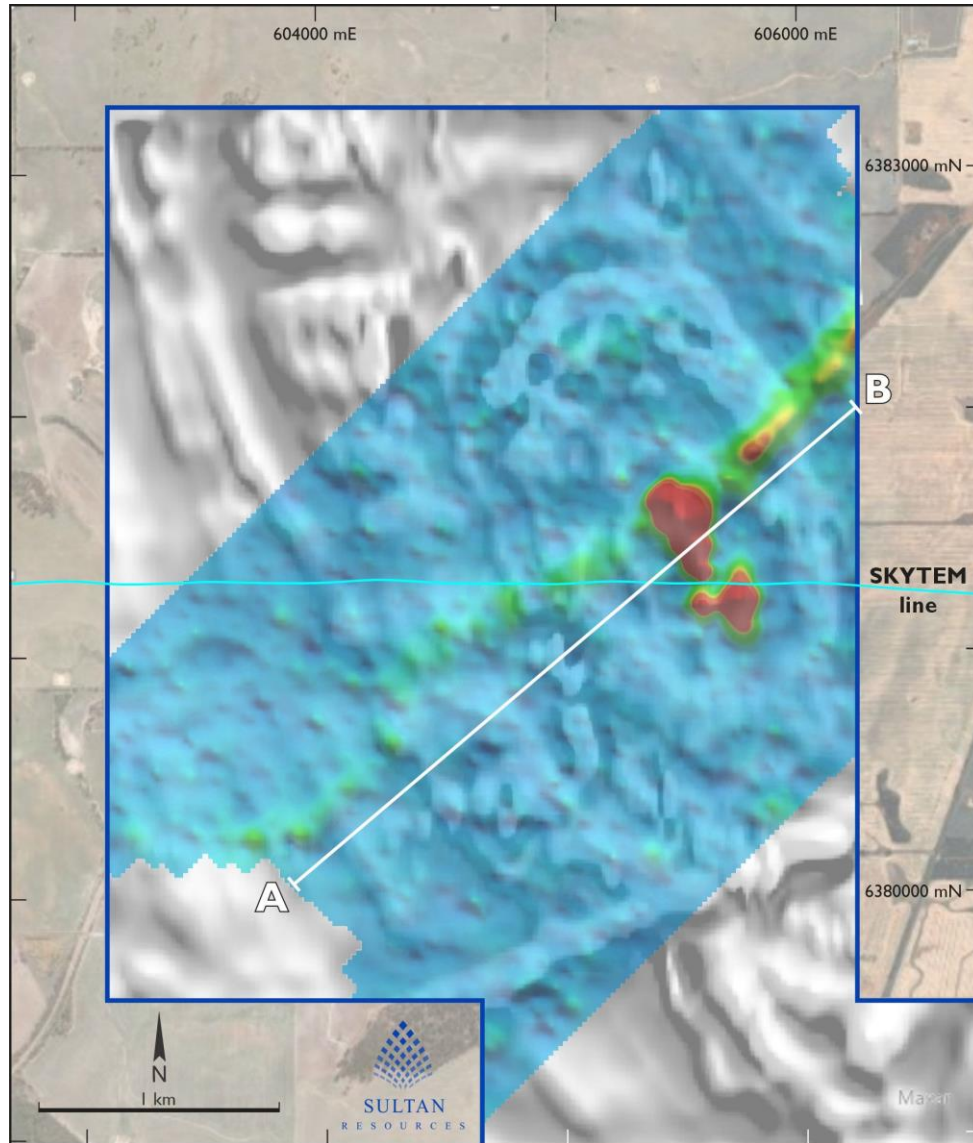


Figure 2: Channel 34Z EM response image overlaying greyscale aeromagnetics from Sultan 2017 survey. Original SKYTEM line denoted by light blue flight line. Section Line A -B for Figure 3 below highlighted in white. Flight lines are 100m spacing.

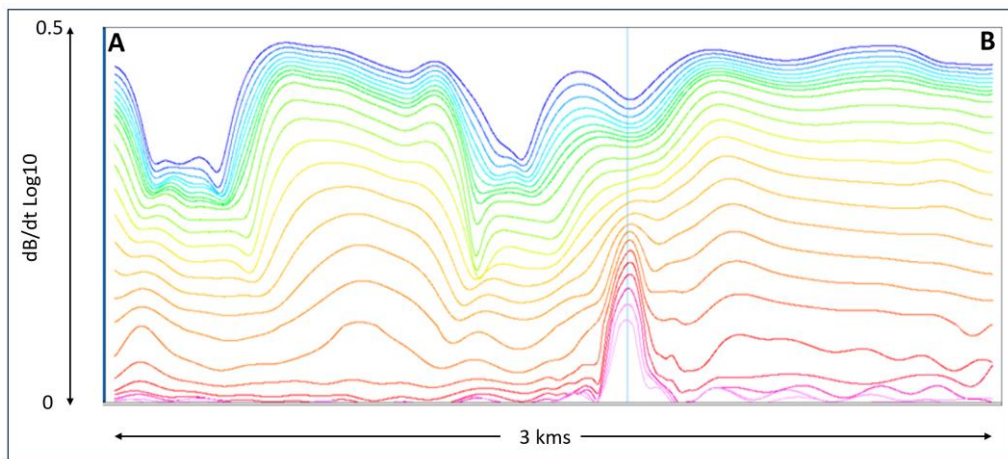


Figure 3: AEM conductivity response for Heli-EM flight line over E70/5082, for section line A - B Figure 2.



Previously, RTX had identified a strong untested late time conductivity anomaly from a single line SKYTEM response in the northern part of E70/5082, from 20km line-spaced data, coincident with a circular magnetic and radiometric anomaly (refer SLZ announcement 16th August 2023), which formed the basis for RTX's entry to the option and farm-in arrangement.

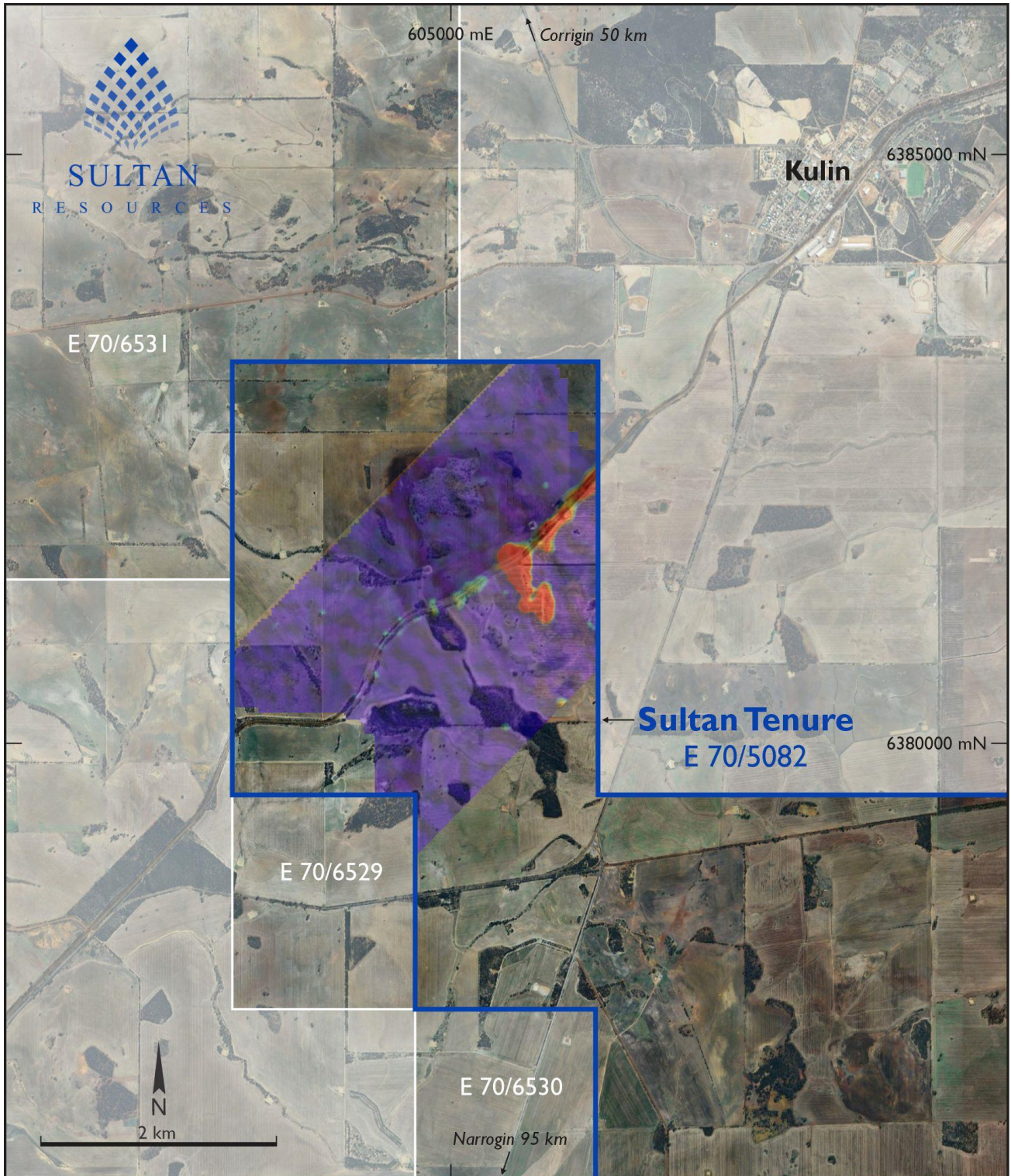


Figure 4: EM anomaly in relation to Kulin township, with location of recently granted applications (E70/6529-31)

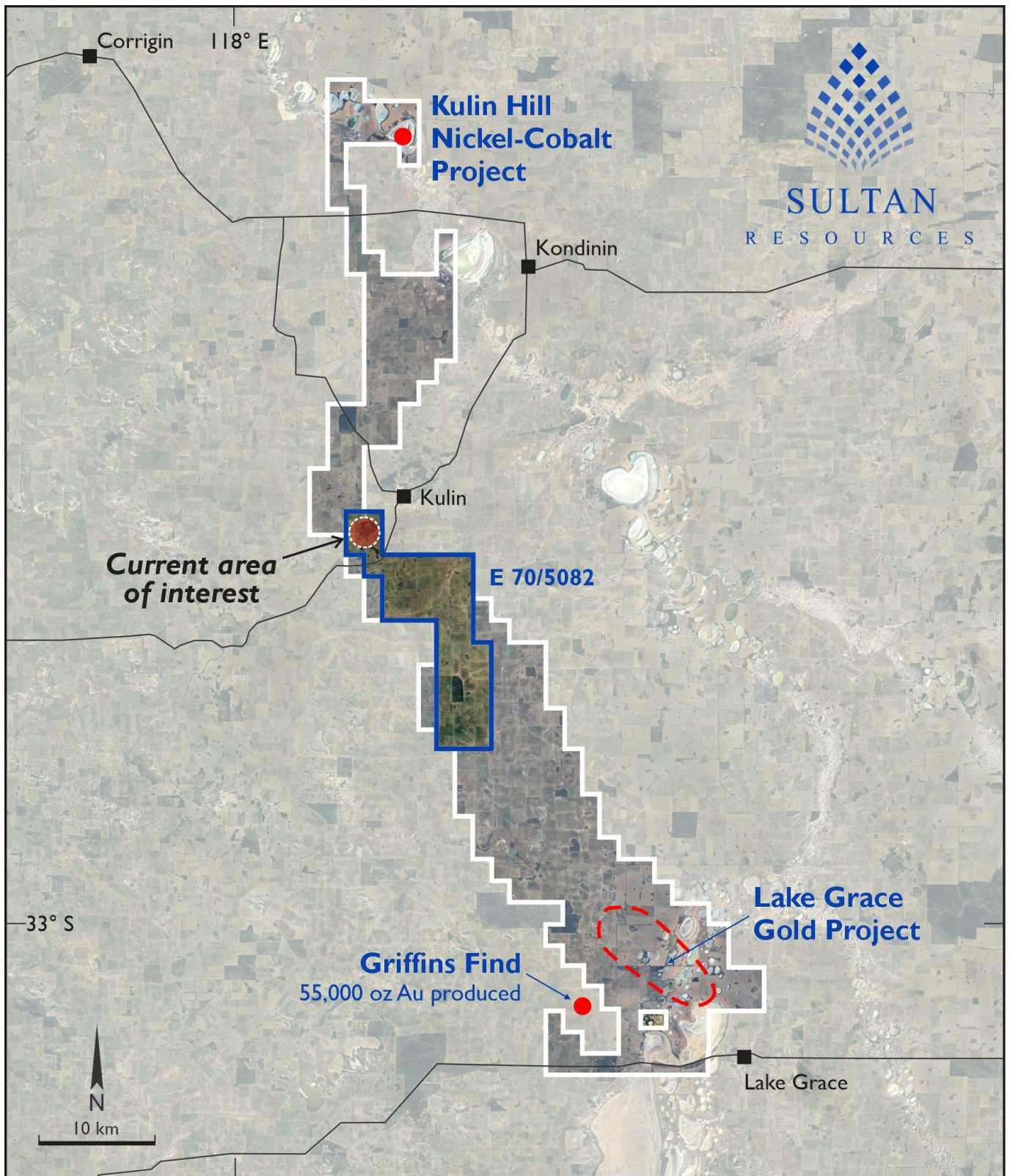


Figure 5: Overview Plan of Sultan's Kondinin-Lake Grace Project in the Southwest Terrane of WA, with RTX farm-in/JV tenement E70/5082 and current area of interest highlighted.



Previous ASX announcements related to this Project are listed below:

SLZ:ASX announcement 21/06/23: “Rio Tinto and Sultan enter into Option and JV Agreement”

SLZ:ASX announcement 16/08/23: “Helicopter EM Survey Commences at Rio-Sultan Ground”

SLZ:ASX announcement 6/11/23: “EM Survey Confirms Significant Geophysical Anomaly”

This announcement is authorised by the Board of Sultan Resources Ltd

For further information contact:

info@sultanresources.com.au

Competent Persons Statement

The information in this ASX Announcement that relates to Exploration Results is based on information reviewed and compiled by Mr Craig Hall, a Competent Person who is a Member of the Australian Institute of Geoscientists (#1748), and a full-time employee of Sultan Resources. Mr Hall has sufficient experience that is 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 Hall consents to the inclusion in this Announcement of the matters based on his information in the form and context in which it appears. The Competent Person is not aware of any new information or data that materially affects the information contained in the above sources or the data contained in this announcement.

Disclaimer

In relying on the above mentioned ASX announcement and pursuant to ASX Listing Rule 5.23.2, the Company confirms that it is not aware of any new information or data that materially affects the information included in the abovementioned announcement.

About Sultan Resources

Sultan Resources is an Australian exploration company with a portfolio of quality assets in emerging discovery terranes. Sultan’s tenement portfolio includes recently acquired lithium-prospective claims in NW Ontario in Canada; a tenement package in the southern terrane region of the Yilgarn Craton in the eastern wheatbelt of Western Australia with priority nickel-cobalt and gold targets, where Rio Tinto have recently formalised a farm-in JV on a central tenement; and tenements located in the highly prospective east Lachlan Fold Belt of Central NSW considered prospective for copper and gold. Sultan’s board and management is committed to the responsible discovery of metals via modern exploration techniques, and to add value to these projects for the benefit of the company and its shareholders.