

# ASX ANNOUNCEMENT

6 December 2022



## Update on Exploration Programs for Lithium and REE

### HIGHLIGHTS

- ❖ The Yinnetharra high resolution magnetic and radiometric survey over the entire 574km<sup>2</sup> project area is now completed, with delivery of data expected in ~10 days
- ❖ Southern Geoscience Consultants (SGC) who are managing the survey will further process and interpret the data, with final product expected in January
- ❖ Highly respected mapping geologist, Allan Ronk, has been engaged to review existing exploration datasets, with work on Yinnetharra well underway in advance of final products from the high resolution magnetic and radiometric survey
- ❖ Geological field crew arrived on site at Yinnetharra yesterday and are looking at preliminary data produced by Allan Ronk. The areas identified have not previously been visited or sampled.
- ❖ SGC have also been engaged to process open file Airborne Electromagnetic (AEM) data that is available at:
  - Yinnetharra Lithium/REE Project (2014 Capricorn TEMPEST)
  - North Kellerberrin and Hines Hill REE Projects (2021 SW Albany AusAEM)
  - Diemals REE and base metal Project (2021 SW Albany AusAEM)
  - Lake Tay REE Project (2021 SW Albany AusAEM)
- ❖ Processing of the AEM data aims to define outcrop granites, sand cover and depth of clay profile in searching for Ionic REE Clays, and in areas where there is potential for mafic/ultramafic rocks searching for conductors associated with sulphides. The interpretation report by SGC is expected in 2 weeks
- ❖ Diemals REE and base metal Project (covering 2,472km<sup>2</sup>) geochemical sampling program has just been completed with 1,104 samples to be submitted to ALS Laboratories
- ❖ Lake Tay REE project (covering ~1,850km<sup>2</sup>) maiden field program is being planned for later this month.
  - Shallow aircore drilling by Magnetic Resources NL in 2008 intersected a highly magnetic granitoid, with four metre composite samples returning highly anomalous REE results (only assayed for a partial suite - La, Ce, Dy, Er, Y), including (see ASX release dated 24 October 2022):
    - 4m @ 1,012ppm TREO, LTWAC-4, 28-32m
    - 5 holes of >500ppm TREO over 4m (ACLTWAC-4, 10, 17, TSLAC-2, 3, LTPAC-2)

ASX:WCN

wcminerals.com.au

White Cliff Minerals Limited  
ABN 22 126 299 125

Level 8, 99 St Georges Tce, Perth WA 6000  
PO Box 5638 St Georges Tce, Perth WA 6831

T + 61 8 9486 4036  
F + 61 8 9486 4799

White Cliff Minerals Limited (**White Cliff** or the **Company**) is pleased to provide an update on exploration activities over a large suite of our Western Australian projects (**Figure 1**), as we ramp up work programs.

Commenting on the work programs, White Cliff Technical Director Ed Mead said:

*"We have multiple programs underway over Yinnetharra, Diemals, Hines Hill and Lake Tay, which covers a combined area of 5,424km<sup>2</sup>, with the aim of advancing the projects towards drilling. We have maintained our drive to get as much information as we can from projects so we can rank them for priority work."*

*"The significant exploration datasets being acquired will start being delivered this month and we will continue to be very active over the coming summer months".*



**Figure 1:** White Cliff REE & Lithium tenement locations. (Gardner Range is in the process of being sold)

## UPCOMING NEWSFLOW

- December:** High-resolution magnetics/radiometrics survey at Yinnetharra. Preliminary targets provided by SGC
- December:** Field trip looking at new targets at Yinnetharra
- December:** Completion of AEM interpretation by SGC for Yinnetharra, Diemals, Hines Hill and North Kellerberrin, and Lake Tay
- December:** Results of Hines Hill maiden drill program
- Dec/Jan:** Reconnaissance field trip at Lake Tay REE project
- January:** High-resolution magnetics/radiometrics survey at Yinnetharra, Final interpretation and targets provided by SGC
- January:** Diemals geochemical sampling results
- January:** Planning for maiden drill program at Yinnetharra

## Further Information:

Dan Smith  
Director  
+61 8 9486 4036

Edward Mead  
Director  
+61 8 9486 4036

*This announcement has been approved by the Board of White Cliff Minerals Limited.*

## Competent Persons Statement

The Information in this report that relates to exploration results, mineral resources or ore reserves is based on information compiled by Mr Allan Younger, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Younger is an employee of the company. Mr Younger has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves' (the JORC Code). Mr Younger consents to the inclusion of this information in the form and context in which it appears in this report.

## Forward looking statements

This announcement contains certain forward-looking statements and comments about future events, including the Company's expectations about the proposed transaction, the proposed tenements and the performance of its businesses. Forward looking statements can generally be identified by the use of forward-looking words such as 'expect', 'anticipate', 'likely', 'intend', 'should', 'could', 'may', 'predict', 'plan', 'propose', 'will', 'believe', 'forecast', 'estimate', 'target' and other similar expressions within the meaning of securities laws of applicable jurisdictions.

Indications of, and guidance on, future earnings or financial position or performance are also forward-looking statements.

Forward looking statements involve inherent risks and uncertainties, both general and specific, and there is a risk that such predictions, forecasts, projections and other forward-looking statements will not be achieved. Forward looking statements are provided as a general guide only and should not be relied on as an indication or guarantee of future performance. Forward looking statements involve known and unknown risks, uncertainty and other factors which can cause the Company's actual results to differ materially from the plans, objectives, expectations, estimates and intentions expressed in such forward-looking statements and many of these factors are outside the control of the Company. As such, undue reliance should not be placed on any forward-looking statement. Past performance is not necessarily a guide to future performance and no representation or warranty is made by any person as to the likelihood of achievement or reasonableness of any forward-looking statements, forecast financial information or other forecast. Nothing contained in this announcement nor any information made available to you is, or shall be relied upon as, a promise, representation, warranty or guarantee as to the past, present or the future performance of the Company.

Except as required by law or the ASX Listing Rules, the Company assumes no obligation to provide any additional or updated information or to update any forward-looking statements, whether as a result of new information, future events or results, or otherwise.