

## ASX ANNOUNCEMENT

Date: 15 July 2022

### EXPLORATION UPDATE: ARKUN-BEAU-JUMBO

- Airborne EM survey, soil geochemistry surveys, field checking and rock chip sampling completed at priority targets for Ni-Cu-PGE.
- Extensive time spent completing Land Access Negotiations across the project area.
- Assay results for Doonia and Hopetoun due by the end of July.
- Ongoing compilation of previous exploration work on other projects.

Significant progress has been made over the past months across a number of Impact Minerals Limited's (ASX:IPT) portfolio of early-stage exploration projects for a range of critical and battery metals in the emerging mineral province of south west Western Australia (Figure 1).

The portfolio has been assembled by Impact over the past 18 months as part of a strategic change in focus of the company following the discovery of the world class Julimar deposit just north of Perth by Chalice Mining Limited (ASX:CHN) (Figure 1). This has been done in tandem with the ongoing rationalisation of the Company's projects in Eastern Australia, including a major joint venture on part of the Broken Hill Project with IGO Limited (ASX:IGO) (ASX Announcement 9<sup>th</sup> November 2021).

On-ground exploration programmes in Western Australia have been focussed on the Arkun-Beau-Jumbo Projects centred about 150 km south east of Perth and which has included a significant amount of time completing initial land access negotiations. In addition, synthesis and interpretation of previous exploration work is underway on other projects including Narryer, Dalgaranga and other projects (Figure 1).

Assay results from various rock chip and soil geochemistry programmes are starting to be received and interpreted. Assay results from two drill holes at Doonia have been received and are being interpreted, with the assays from the remaining four other holes at Doonia, as well as the final assays from the diamond drill programme at Hopetoun, due shortly.

### BEAU-ARKUN-JUMBO

Previous reconnaissance geophysical and soil geochemistry surveys by Impact across the Arkun-Beau-Jumbo Project areas, which collectively cover about 2,380 km<sup>2</sup>, identified a significant number of areas for follow up work for a wide range of commodity metals including nickel-copper-PGE; Lithium pegmatites, Rare Earth Elements and Rubidium (ASX announcements 8<sup>th</sup> March 2022, 27<sup>th</sup> October 2021, 21<sup>st</sup> September 2021).



**Figure 1.** Location of Impact's projects in Western Australia.

The following work has recently been completed across the Arkun-Beau-Jumbo Project areas:

1. An extensive airborne HELITEM electromagnetic and magnetic survey comprising 920 line kilometres was completed in 7 blocks covering the priority soil geochemistry targets identified at Beau and Arkun (Figures 2 and 3). Final survey data has now been received and further processing and interpretation of the data is underway with results expected later this Quarter.

2. Extensive time has been spent completing Land Access Agreements with landowners through the Beau and Arkun areas. A total of 22 agreements have been signed which cover the majority of the Ni-Cu-PGE targets in the northern part of the project area and negotiations are underway for the remaining targets in the southern part of the area. In general there has been a very good response from landowners in allowing exploration to commence.
3. As a result of the Land Access Agreements, Impact has been able to complete several campaigns of field checking, soil geochemistry and rock chip sampling across some of the priority targets for Ni-Cu-PGE. A total of 949 soil samples and 171 rock chip samples have been collected and submitted for assay. First results are due by the end of July.
4. Reconnaissance field checking and rock chip sampling has been completed along the main access road at Jumbo to follow up first pass soil geochemistry results. These samples have also been submitted for assay.

This work will allow further refinement of areas of interest for follow up work which will include drilling. Access is limited in some places until later in the year when the harvest season is completed. There is still significant follow up work to be done on the other targets and this is a priority for Impact over the next two Quarters.

#### **DOONIA AND HOPETOUN**

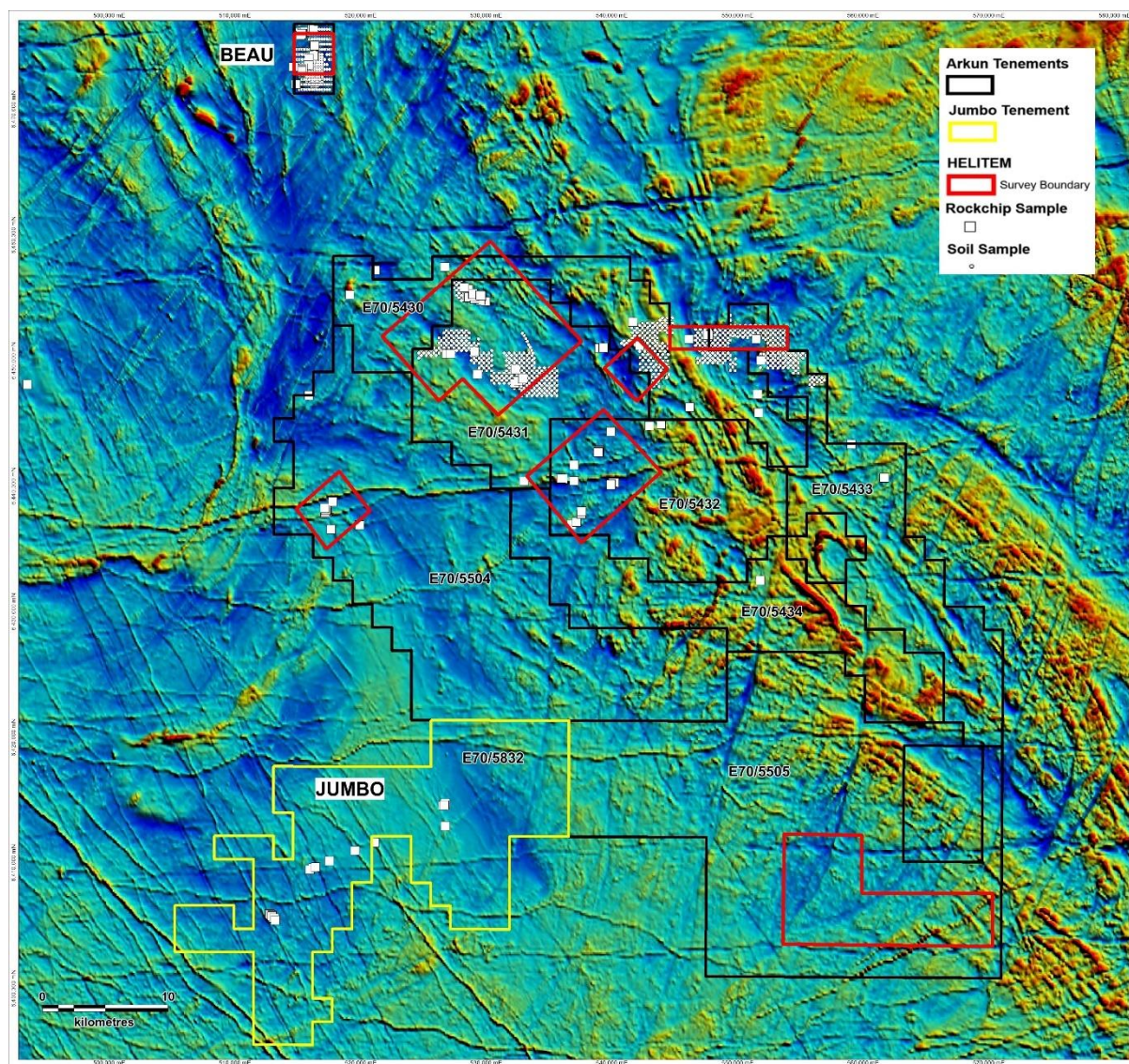
Drill programmes at Doonia and Hopetoun were completed earlier this year. Drill assays have been considerably delayed but results are due by the end of July.

Soil geochemistry surveys have been completed at both projects to help define follow up drill targets. Assays results from these surveys are also due by the end of July.

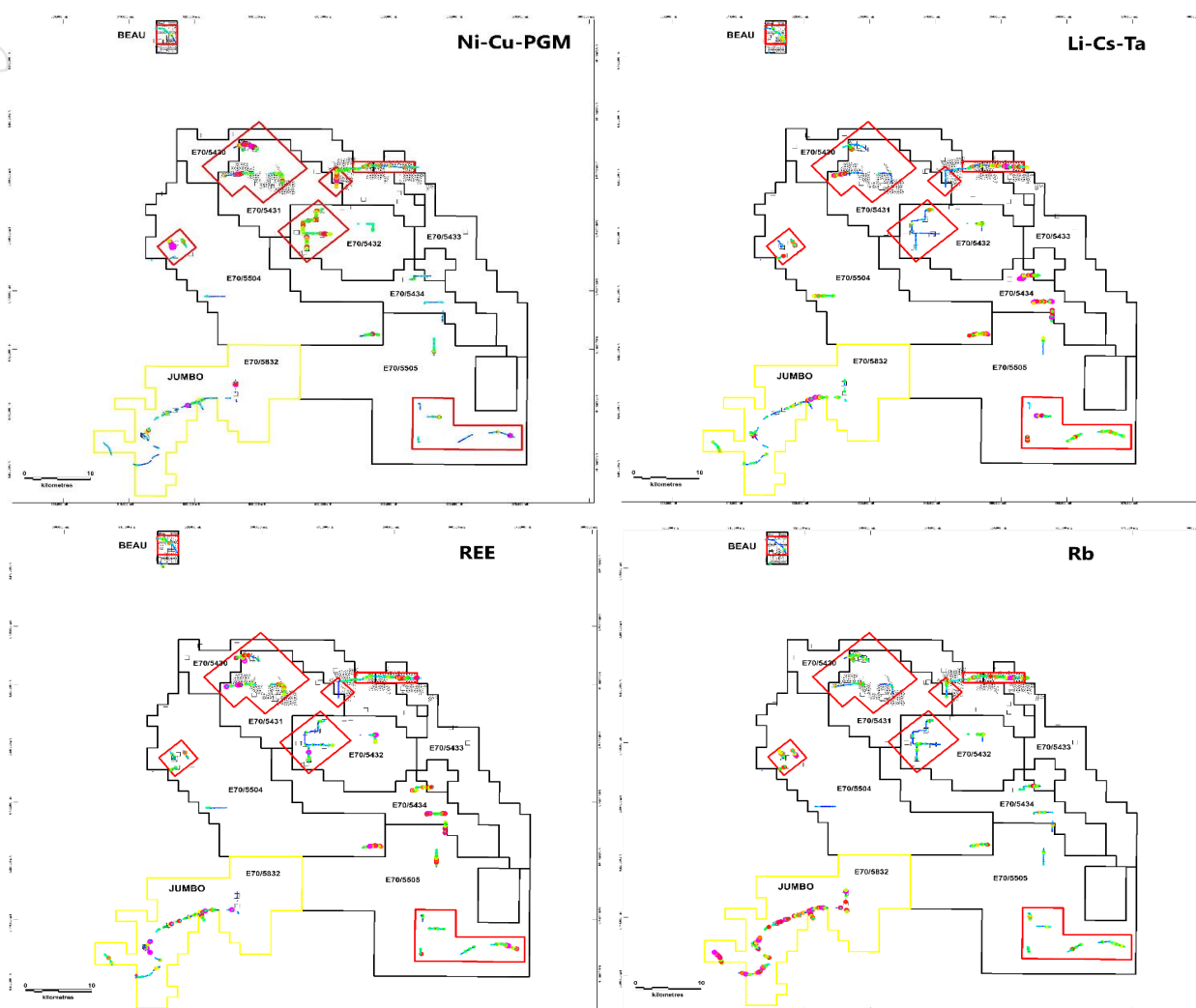
#### **OTHER PROJECTS**

Compilation, synthesis and interpretation of previous exploration data has been on-going for Impact's other projects in Western Australia. This includes the joint venture projects at Narryer and Dalgara (ASX Announcement 8<sup>th</sup> December 2022) as well as the 100% owned Dinninup, Mineral Hill and Martup Projects that were recent additions to the company's portfolio (ASX Announcement 22<sup>nd</sup> April 2022).





**Figure 2.** Location of airborne HELITEM survey areas, soil geochemistry surveys and rock chip samples recently completed by Impact.



**Figure 3.** Airborne EM survey blocks (in red) over previous roadside soil geochemistry anomalies for Ni-Cu -PGM, Li-Cs-Ta, REE and Rb (additive Z scores: see ASX Releases 8<sup>th</sup> March 2022, 27<sup>th</sup> October 2021 and 21<sup>st</sup> September 2021 for details).

## COMPLIANCE STATEMENT

This report contains no new Exploration Results.

**Dr Mike Jones**

Managing Director

### Competent Person's Statement

*The review of exploration activities and results contained in this report is based on information compiled by Dr Mike Jones, a Member of the Australian Institute of Geoscientists. He is a director of the company and works for Impact Minerals Limited. He has sufficient experience which is relevant to the style of mineralisation and types of deposits 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 of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Mike Jones has consented to the inclusion in the report of the matters based on his information in the form and context in which it appears.*