

ASX / MEDIA ANNOUNCEMENT

15 NOVEMBER 2023

MOUNT IDA LITHIUM PROSPECT – EXPLORATION PROGRAM

HIGHLIGHTS

- Two significant north and south well-defined Li-Cs-Rb-Be soils geochemical anomalies that were identified from the soils program, a total of ten areas of interest that were delineated by the Prospectively Index within the anomalies have been reviewed on the ground in respect to drill targeting.
- With further outcropping pegmatites mapped in the northern and southern anomalous zones, drill positions have been revised to improve intersecting pegmatites at depth.
- Drill program is scheduled to commence on December 4 after site mobilisation.
- From the Geochemical Soils Review, further soil sampling will be conducted to close out the existing northern and southern anomalous zones which remain open.
- Extended soil sampling will also be undertaken on the balance of Juno's mining lease tenure on Mount Ida and Mount Mason after the drill program is underway.

Juno Minerals Limited (ASX: JNO) ('Juno' or 'the Company') is pleased to announce that Phase 2 drilling program will commence on December 4 after the ranked priority areas were evaluated on the ground by Juno's consulting senior geologist from BMGS out of Kalgoorlie.

Ground truthing across the anomalous areas revealed several areas of extensive pegmatite swarms.

The initial interpretation of the phase one and phase two sampling alluded to a near north-south trending source. This was confirmed for the Northern Anomaly; multiple steeply dipping and continuous pegmatites up to 400m long and 50m wide were observed hosted within foliated mafic volcanics. Outcropping pegmatites observed across the Southern Anomaly revealed multiple continuous north-west to south-east trending pegmatite dykes.

The original phase two drilling layout has been adjusted to effectively evaluate the potential for subsurface LCT development. The revised Phase 2 drill positions for the Northern and Southern anomalies are shown in Figures 4 and 5 respectively.

Drilling will commence on the Priority 1 areas identified first, followed by the Priority 2 areas, first results expected late December.

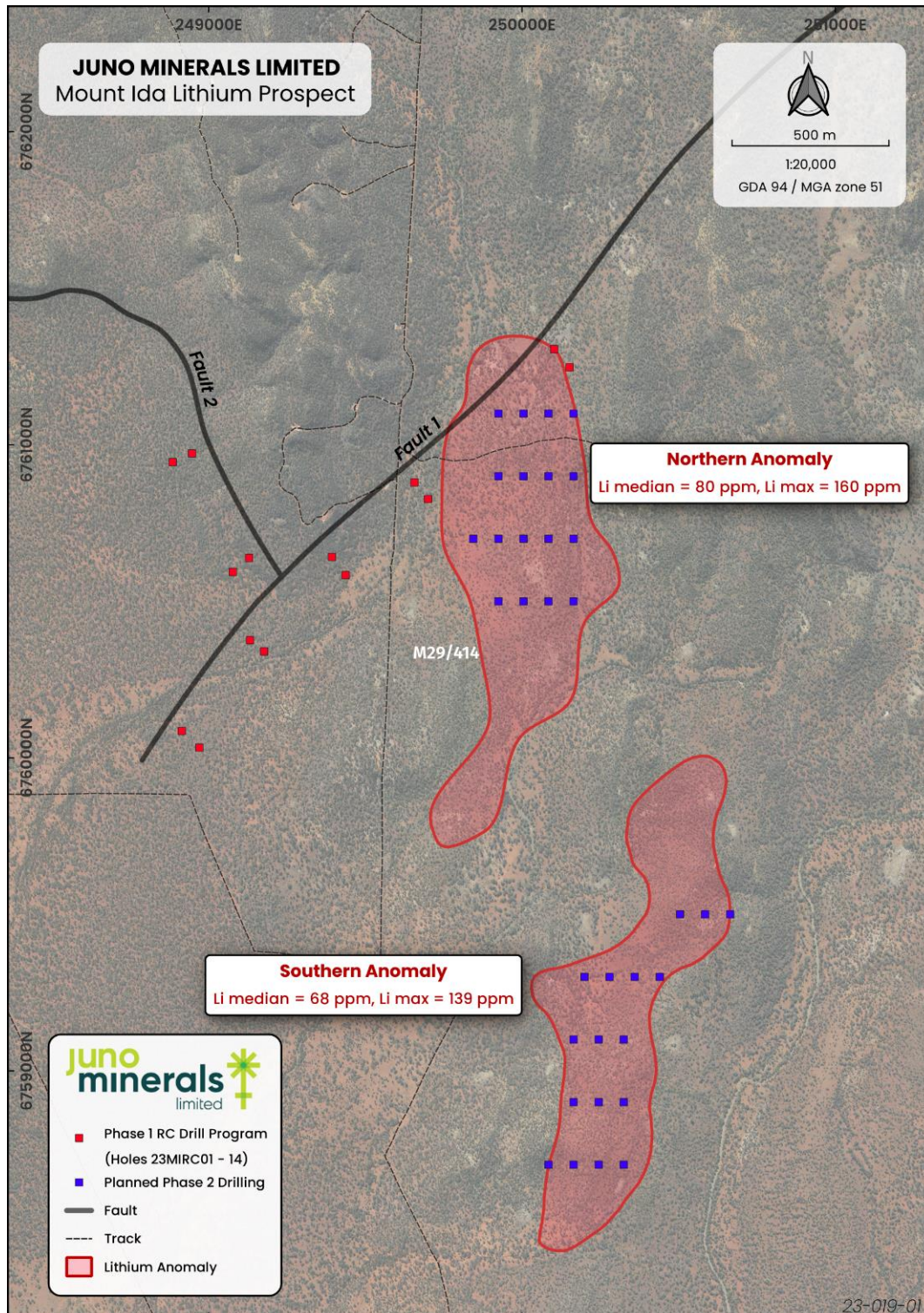


Figure 1: Geochem soil anomalies and Phase 2 initial planned RC drill holes

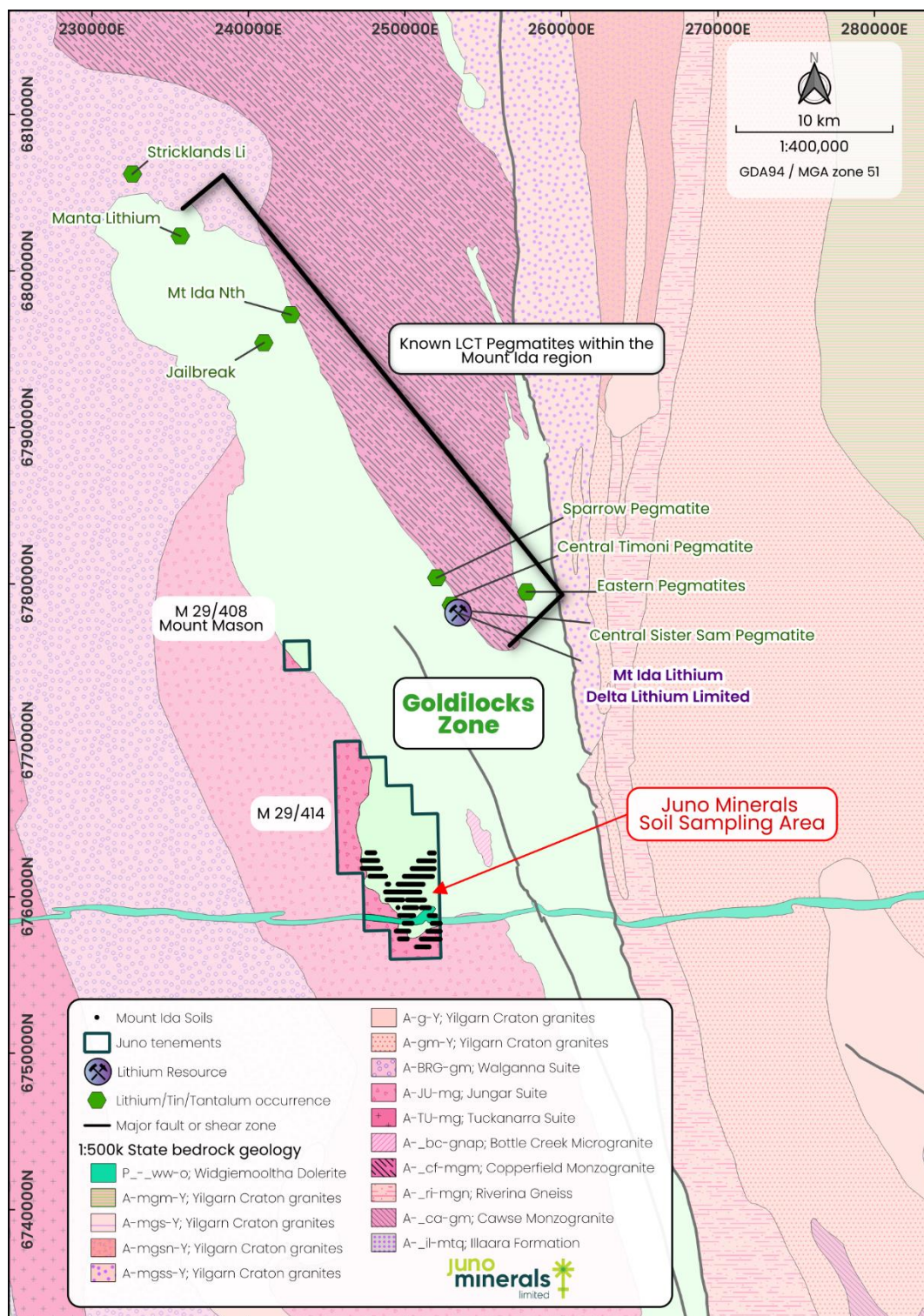


Figure 2: Known LCT Pegmatites environment – Central Yilgarn

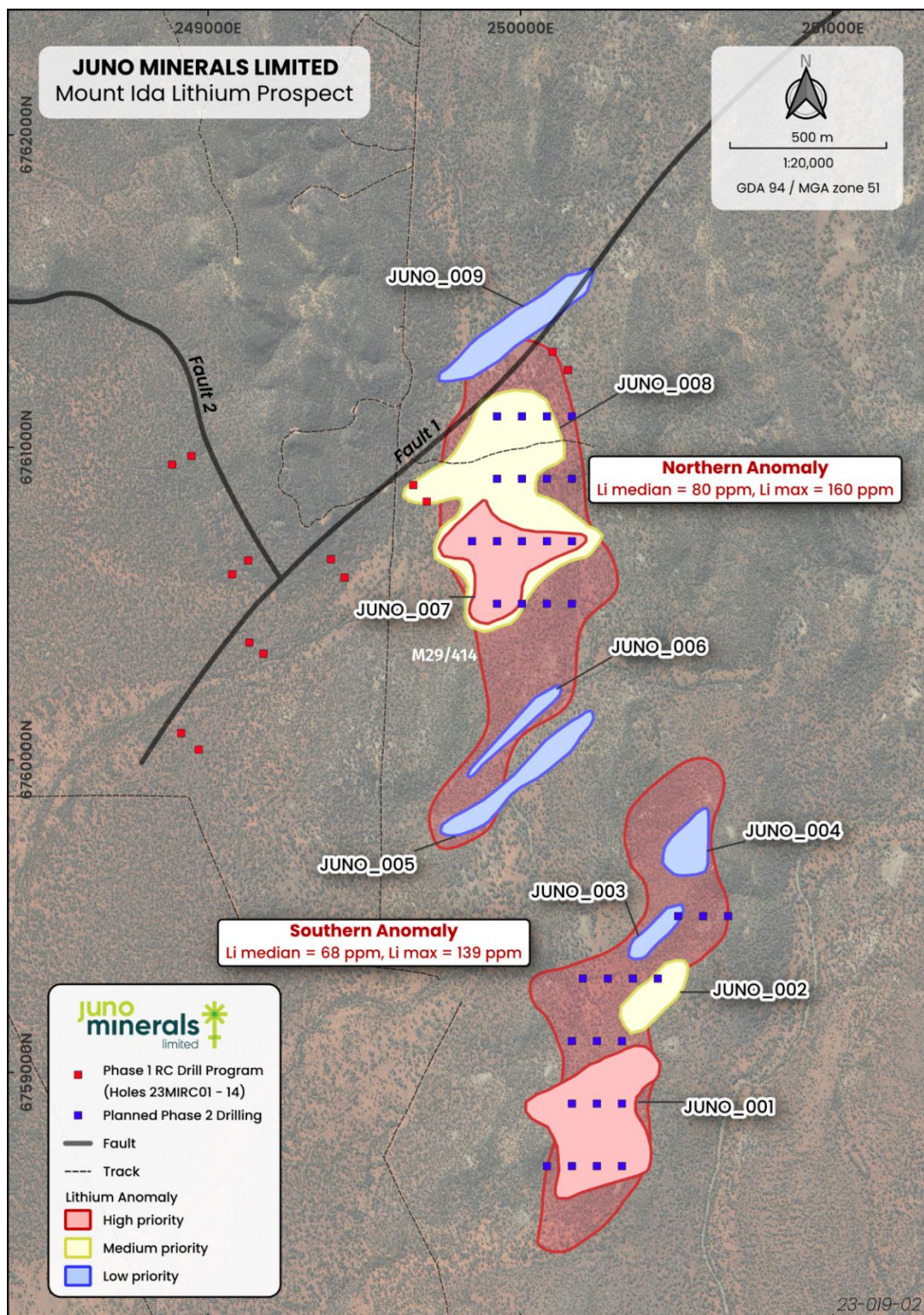


Figure 3: Geochem priority soil anomalies with initial planned Phase 2 drilling

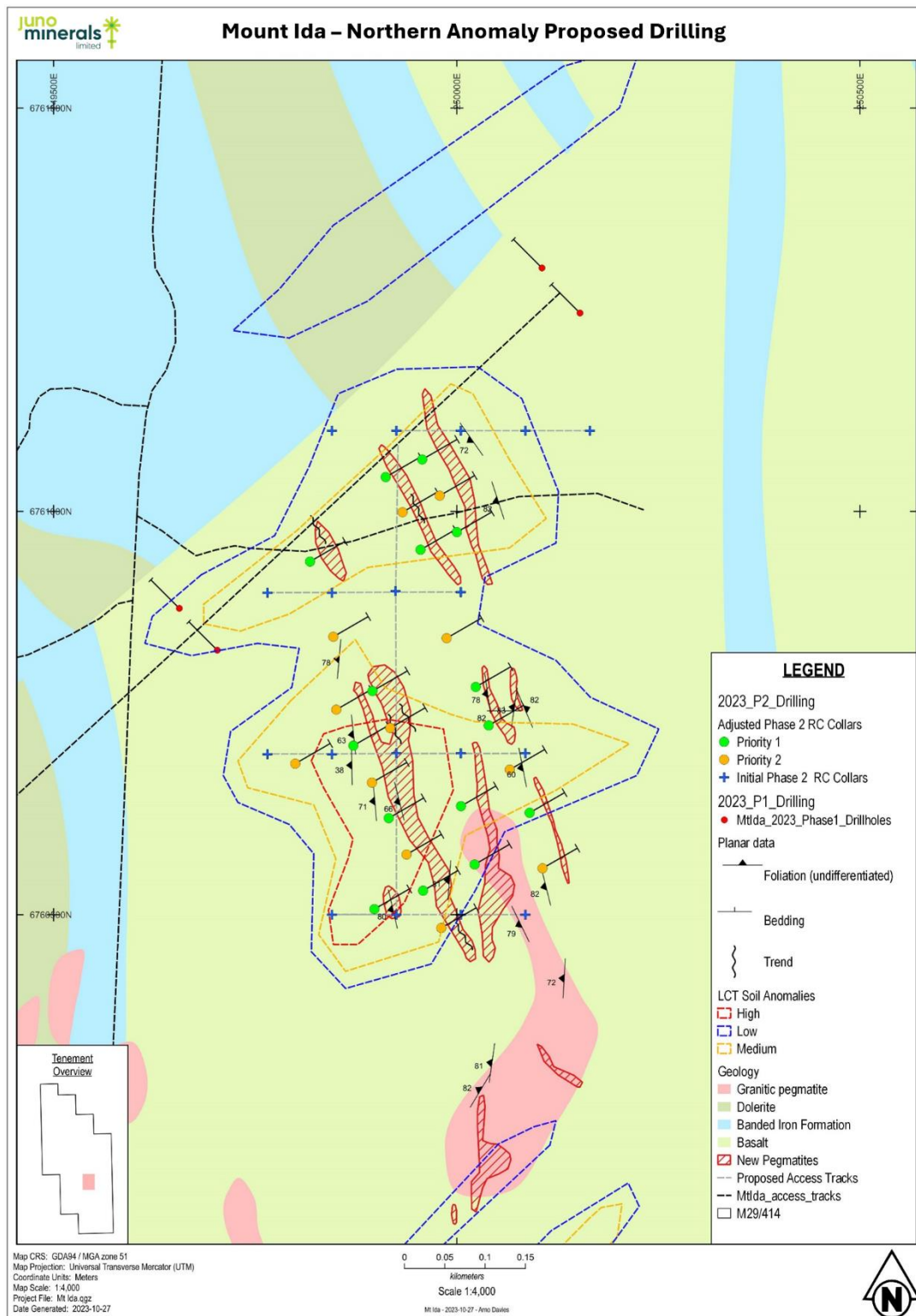


Figure 4: Northern Anomaly revised drill positions on newly mapped pegmatites

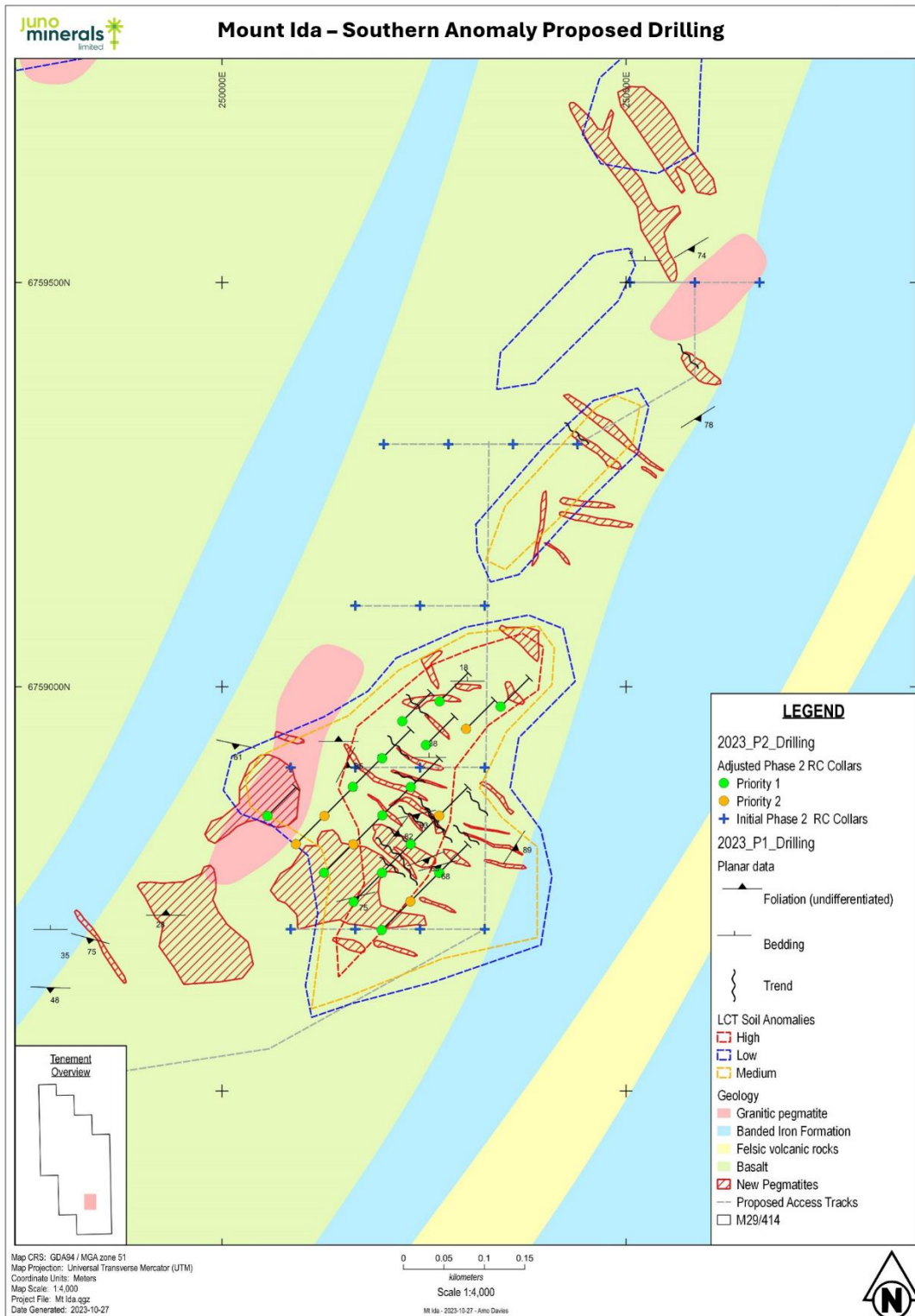


Figure 5: Southern anomaly revised drill positions on newly mapped pegmatites



Figure 6: Pegging revised drill positions targeting outcropping pegmatite



***Figure 7: Pegmatite outcrops protruded past the weathered mafic host rock with no clear dip. Dip has been deduced to be steep due to lack of pegmatitic scree on either side of the outcrops.
(Photo position: X: 250500, Y: 6759302)***





Figure 8: Near horizontal, laterally extensive pegmatite sill with foliated mafic basalt hanging wall and footwall extends parallel to the 465m topographical contour. (Photo position: X: 250174, Y: 6758746)

Further recommendations from the geochemical prospectively review, (refer: ASX announcement “Mount Ida Lithium Prospect – Geochemical Soils Review, 11th October 2023), was to undertake additional soil sampling programs firstly to close out the existing northern and southern anomalies as shown in Figure 9, and secondly on the balance of the Mount Ida mining lease north of the current anomalous areas and also the Mount Mason mining lease as shown in Figures 10 and 11 respectively. This will be planned after commencement of the drill program.

The lithium prospectivity on Juno’s Central Yilgarn tenure is very encouraging with an immediate drilling program being planned and an expanded soil testing program and evaluation of its tenure has been recommended in an emerging lithium area of interest along the Mt Ida Fault.

This announcement has been approved for release by Greg Durack on behalf of the Board.

CONTACTS

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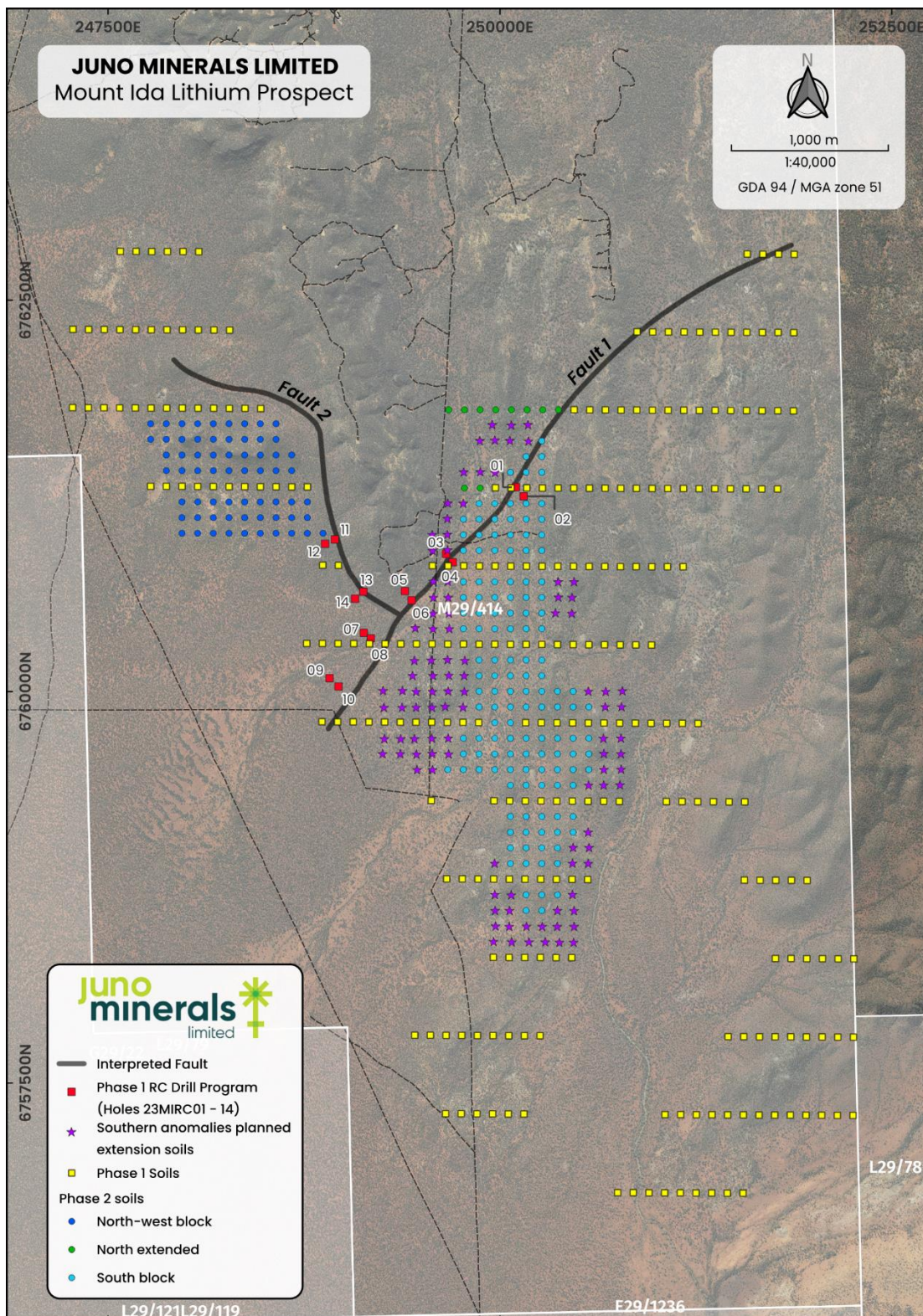


Figure 9: Extended soil sampling closing out anomalous zones (shown in purple).

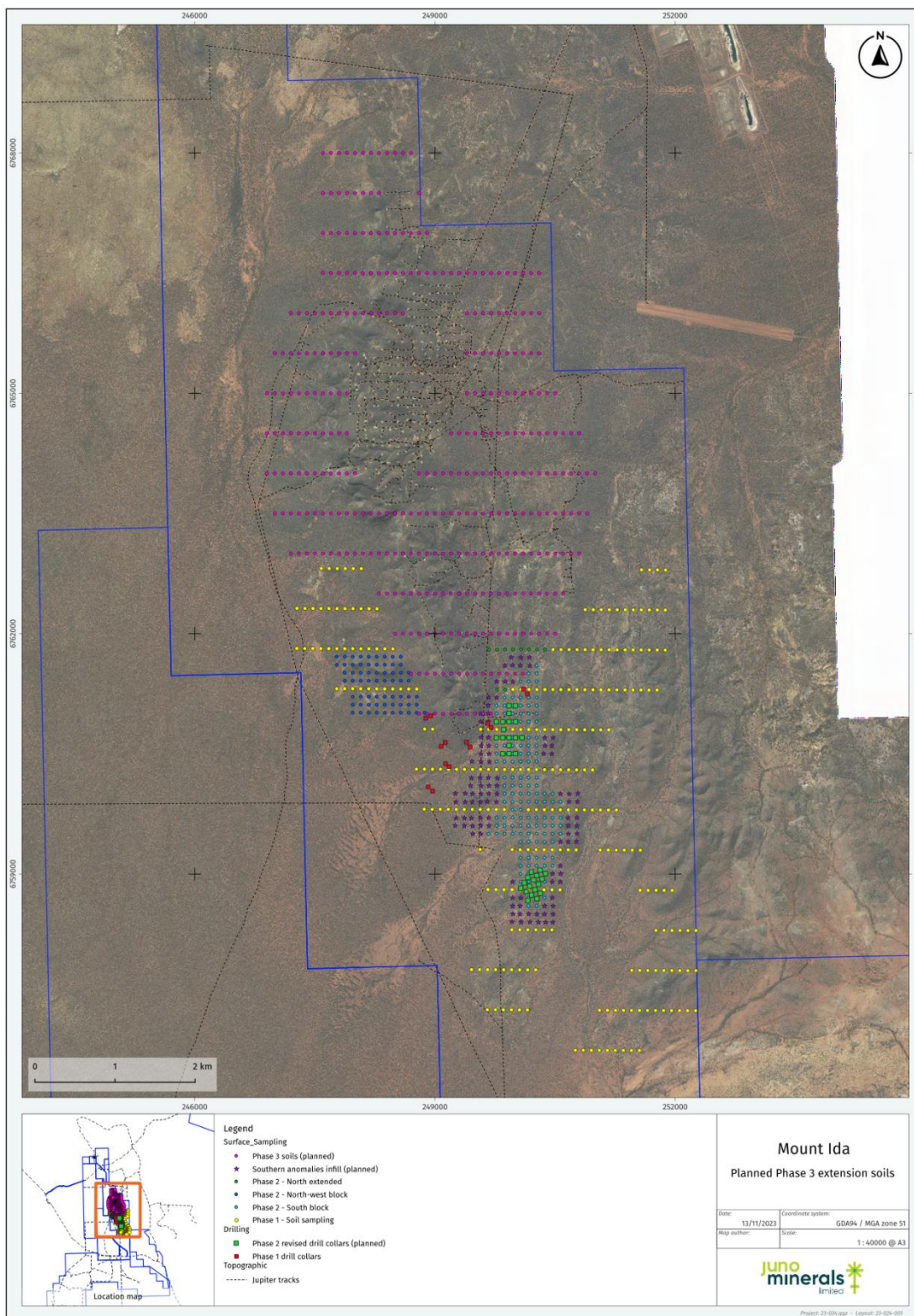


Figure 10: Extended soil sampling Mount Ida mining lease, M29/414.

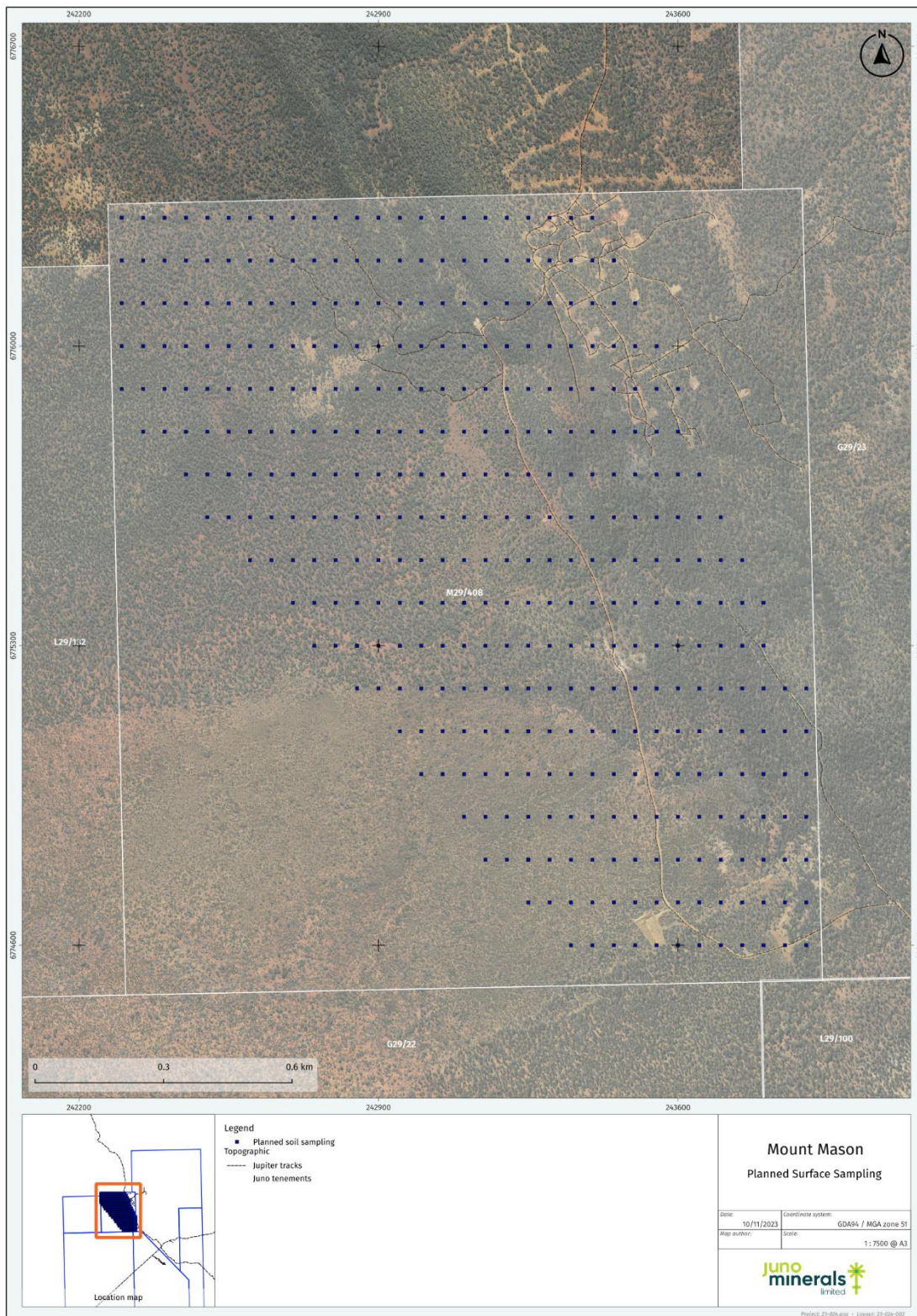


Figure 11: Planned soil sampling on Mount Mason mining lease, M29/408.

APPENDIX 1 – Juno’s Central Yilgarn Project with Mount Ida Lithium Prospect

