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Inflection Resources Granted Additional Exploration Licenses Covering New Copper-Gold Targets

Vancouver, British Columbia, August 27, 2025: Inflection Resources Ltd. (CSE: AUCU / OTCQB: AUCUF / FSE: 5VJ) (the "Company" or "Inflection") is pleased to announce the Company has been granted several Exploration Licenses in the interpreted northern extension of the Molong Volcanic Belt ("MVB"), part of the Macquarie Arc in northern New South Wales. Inflection considers these new areas, collectively referred to as the Molong North project, to be highly prospective for large copper-gold intrusive related mineral systems.

Summary Highlights:

- **Inflection has acquired Exploration Licenses totalling 3,336 km²** by applying for open ground that covers a number of large copper-gold targets that have never been drill tested;

- **Licenses cover interpreted concealed extensions of the MVB, part of the Macquarie Arc**, that exhibit prominent geophysical features under a blanket of post-mineral cover;

- **Licenses strategically located north of the world-class Cadia copper-gold** mine owned by Newmont Corporation ("Newmont") and the Boda-Kaiser copper-gold project owned by Alkane Resources ("Alkane"); and,

- **The Molong North project is 100% owned** and separate and in addition to the ongoing AngloGold Ashanti Australia Limited ("AngloGold Ashanti") exploration alliance in the northern extension of the Junee-Narromine belt located approximately 30km to the west.

Alistair Waddell, Inflection's President and CEO, states: "*We have acquired these licenses based on detailed geological interpretation that models the extension of the Macquarie Arc further to the north and undercover. These very large targets have never been drill-tested and are interpreted by the Company to be in the same highly prospective belt of rocks that host the Tier-1 Cadia copper-gold mine owned by Newmont. Inflection has tremendous experience exploring the covered segment of the Macquarie Arc further to the west, and while there is an element of the unknown regarding the interpreted geology, we view Molong North as an exciting new opportunity to discover large mineral systems. We look forward to exploring this new search space with a methodical, cost-effective approach and the application of sound geoscience.*"

Molong North Project

The Company has acquired 3,336 km² of exploration licenses referred to by the Company as the Molong North project (Figure 1) which comprises two principal areas referred to as Coonamble and Mendooran. The areas were identified as part of an ongoing targeting study in Eastern Australia that is focused on the discovery of large copper-gold intrusion related or porphyry systems. The study focused on the Macquarie Arc which has proven mineral endowment and extends to the north under a blanket of post-mineral cover. These highly strategic licenses cover a series of large copper-gold targets that have never been drill tested.

The targets are all located in what the Company interprets to be the broad continuation of the MVB, a segment of the highly prospective Macquarie Arc. The MVB is host to several large mines and significant projects including Newmont's Cadia mine which is one of the largest copper-gold mines in the world and Alkane's Boda-Kaiser copper-gold deposits. The Company used available precompetitive geological and geophysical data (aeromagnetic, gravity, AusLAMP magnetotellurics) and case studies of known deposits to identify intrusion-like anomalies in the interpreted Ordovician basement. These anomalies are interpreted to potentially represent large porphyry or intrusion-related copper-gold systems which have never been drill tested. The Company has gained significant experience exploring the covered part of the Macquarie Arc further to the west where it has an ongoing exploration partnership with AngloGold Ashanti.

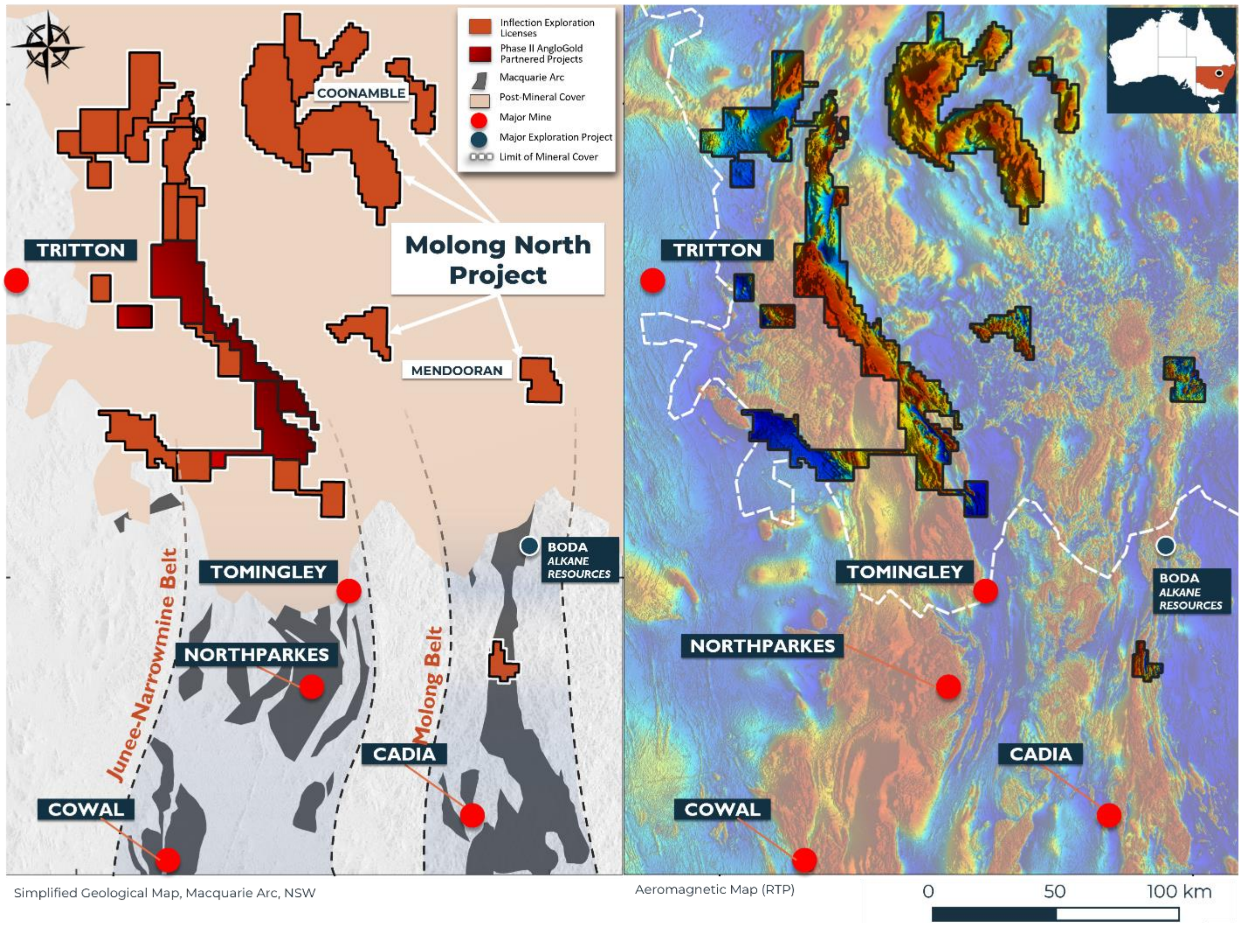

Figure 1: Location map showing the location of the Molong North project on the covered northern extension of the MVB and the current portfolio of Inflection exploration licenses in the Junee-Narromine belt.

Coonamble Targets

Eleven major targets, analogous with other alkalic porphyry systems in belt, have been identified based on government aeromagnetic and gravity data. The magnetic data, collected on 200 metre spaced flight lines, displays high amplitude signatures indicative of Ordovician basement at depth (Figure 2). The data also suggests that this terrain is potentially an offset segment of the Ordovician Macquarie Arc which exhibits discreet zones of magnetite enrichment suggestive of a porphyry-related alteration at depth.

Preliminary geological, structural and lithological interpretation by Inflection Technical Advisor Dr. Douglas Haynes highlights a structurally complex area with potential intrusions at depth. This structural interpretation suggests the potential for both arc-parallel and arc-normal faults, which could potentially have localised porphyry-related copper-gold mineralisation.

Additionally, the government-flown airborne Bouguer Gravity Residual data, collected on 2 km flight lines over the whole of NSW, shows broad zones of elevated gravity within these licenses suggestive of dense Ordovician volcanic basement at depth, with low zones indicative of intrusions into the basement.

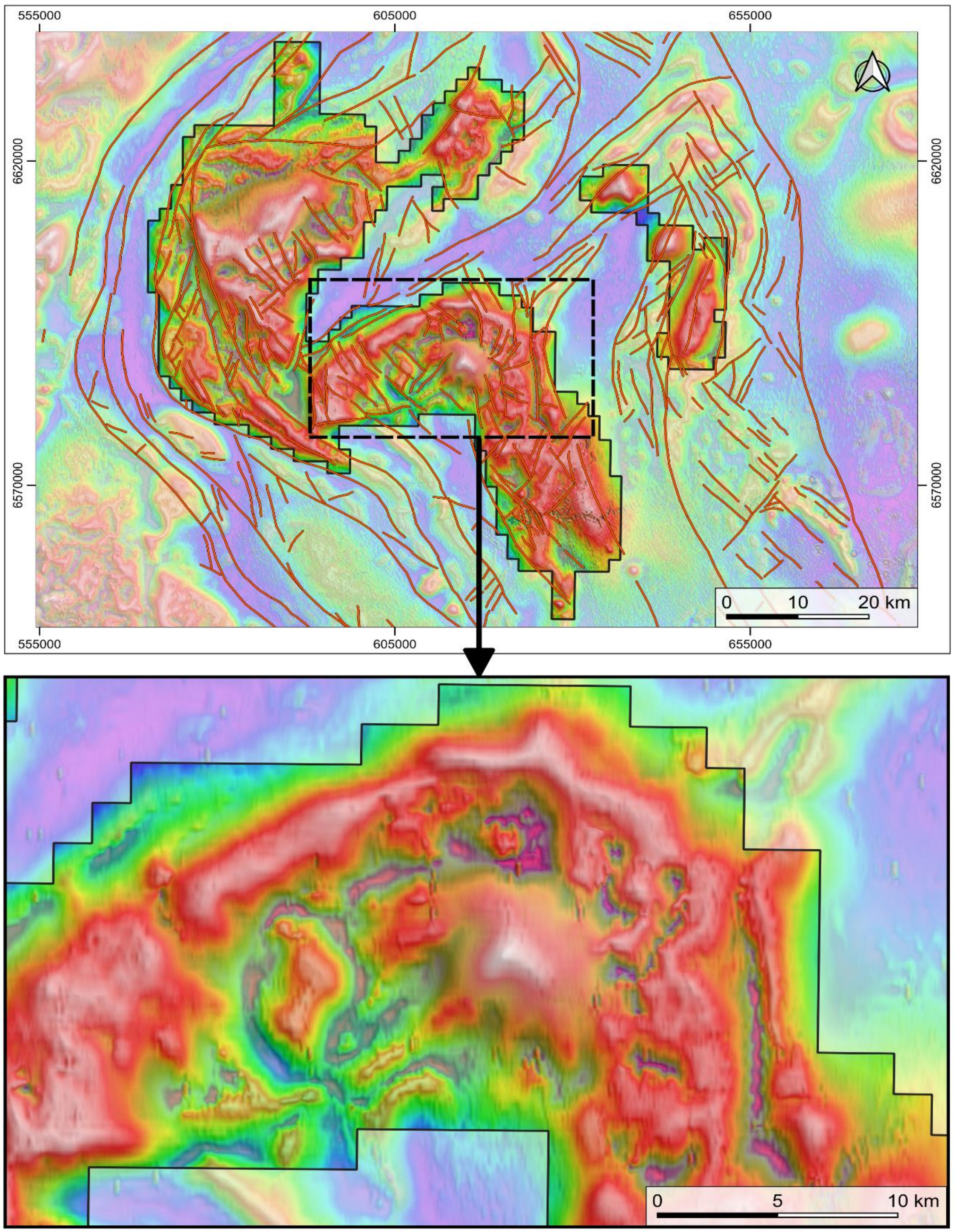

Figure 2: Total magnetic intensity map with reduced-to-pole filters. Regional magmatic complex situated on the under-cover extension of the interpreted northern MVB coincident with magnetic features interpreted to represent potential intrusive related copper-gold targets. Figure shows Inflection exploration license (Black lines) with the structural interpretation (Red lines).

Mendooran Targets

The Mendooran target area (Figure 3) comprises of a series of interpreted intrusions which broadly follow an interpreted NW-SE trending structural corridor construed to be a significant cross-arc structure. Cross-arc structures are widely considered important in the Macquarie Arc and in other volcanic arcs elsewhere as they are known to vector fluid flow and often influence the emplacement of large-scale intrusive bodies and mineral systems.

The Inflection team utilised available geological and geophysical data to define a series of high conviction, previously undrilled porphyry copper-gold targets. This targeting approach is based on the geophysical signatures for other major mines and projects in the belt. The Company engaged Perth base geophysical consultancy Newexco Exploration Pty Ltd. to deliver 3D inversion models of the aeromagnetic data which was used to identify and prioritize targets suggestive of magnetite-bearing copper-gold porphyries at depth in the Ordovician basement sequence.

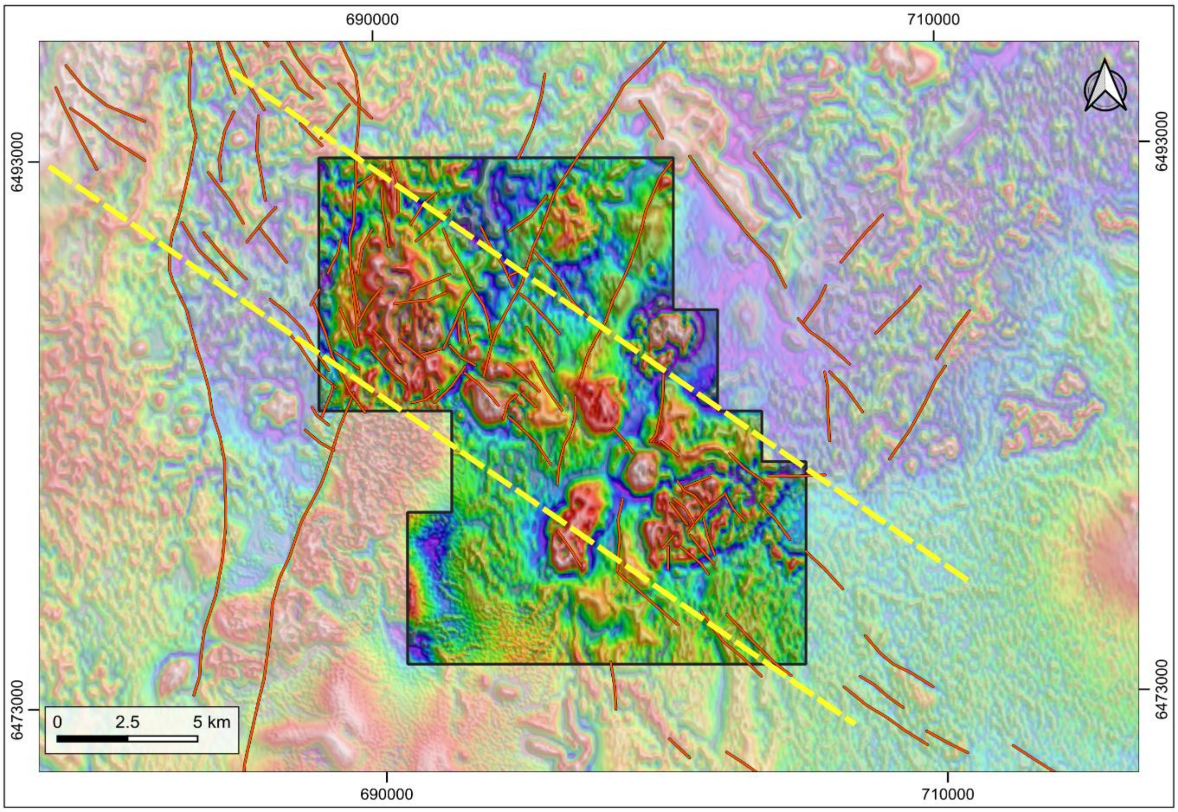

Figure 3: Mendooran targets on total magnetic intensity map with reduced-to-pole filters. Regional magmatic complex situated on the under-cover extension of the northern MVB coincident with corridor of northwest trending magnetic features (Yellow) interpreted to represent potential intrusive related copper-gold targets. Figure shows exploration license (Black lines) with the structural interpretation (Red lines).

Qualified Person and Sampling Quality Control:

The scientific and technical information contained in this news release has been reviewed and approved by Mr. Carl Swensson (FAusIMM), a “Qualified Person” (“QP”) as defined in National Instrument 43-101 – Standards of Disclosure for Mineral Projects. Mr. Swensson is not independent by reason he is a director of the Company’s subsidiary and a shareholder of the Company.

About Inflection Resources Ltd. Inflection is a technically driven copper-gold focused mineral exploration company listed on the Canadian Securities Exchange under the symbol "AUCU", on the OTCQB under the symbol "AUCUF" and on the Frankfurt Stock Exchange under the symbol "5FJ", with projects in New South Wales, Australia. For more information, please visit the Company website at www.inflectionresources.com.

Inflection is part of the NewQuest Capital Group which is an entrepreneurial, discovery-driven investment group that builds value through the incubation and financing of early-stage mineral exploration projects globally. Further information about NewQuest can be found at www.nqcapitalgroup.com

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