

Inflection Resources Initiates 1,020 km² Gravity Geophysical Survey in New South Wales

Vancouver, British Columbia, February 21, 2025: Inflection Resources Ltd. (CSE: AUCU / OTCQB: AUCUF / FSE: 5VJ) (the "Company" or "Inflection") is pleased to announce the Company has initiated a large gravity survey across eight of its exploration licenses in northern New South Wales.

Summary Highlights:

- A 1,020 km² gravity survey has commenced covering eight Exploration Licenses in Northern New South Wales, Australia;
- Survey coverage will include the Trangie project where recent drilling intersected the most significant gold-copper mineralisation by the Company to-date (see Inflection news release dated [February 4, 2025](#)); and,
- Survey will be conducted as part of Phase I of the Exploration Agreement with AngloGold Ashanti Australia Limited ("AngloGold Ashanti") announced on [June 14, 2023](#).

Alistair Waddell, Inflection's President and CEO, states: *"We're excited to launch this extensive 1,020 km² gravity survey across a number of our New South Wales licenses, including the Trangie project where we recently intersected our most significant gold - copper intersections to-date. This survey, conducted as part of our exploration agreement with AngloGold Ashanti, represents another important step in advancing our understanding of these highly prospective areas. We very much look forward to seeing the results and integrating them with our other data to focus our drilling on Trangie and other targets which have been generated through the application of leading geoscience."*

Gravity Survey:

A large ground gravity survey extending over 1,020 km² (Figure 1) has commenced and will cover the majority of Inflection's southern Exploration Licenses south of Duck Creek, inclusive of the Trangie and Myallmundi projects. The goal of the survey is to define areas of contrasting gravity signatures which may represent intrusions at depth and assist with the ongoing drill targeting particularly at Trangie where step-out drilling is expected to recommence in early March. Several alkalic copper – gold deposits in New South Wales are underlain by gravity lows, which are interpreted to represent the underlying causative quartz monzonite stock.

Survey measurements will be collected on 1,000 x 1,000m spaced points with more detailed readings taken on 500 x 500m and 250 x 250m centers over the Trangie project. The survey is designed to join the previously completed surveys on the Duck Creek and Nyngan projects.

The survey will be completed as part of Phase I of the AngloGold Ashanti Exploration Agreement with AngloGold Ashanti announced on [June 14, 2023](#).

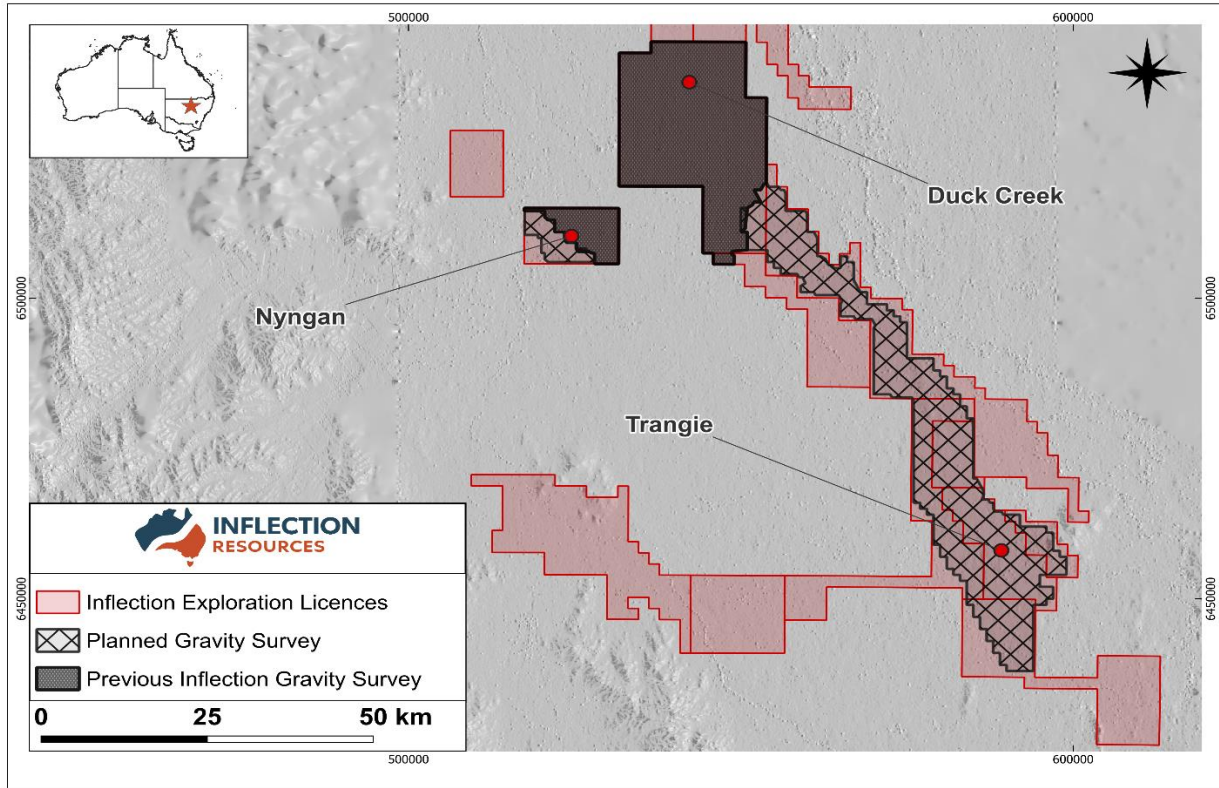


Figure 1: Map of Inflection Exploration Licences showing the locations of the planned and previously completed gravity surveys in northern New South Wales.

AngloGold Ashanti Phase I Exploration Agreement Terms:

The Phase I work program is being completed under the AngloGold Ashanti Exploration Agreement where AngloGold Ashanti is funding AUD\$10,000,000 on exploration expenditures across a wide range of different intrusive related exploration targets. Inflection is operating Phase I and receiving a 10% management fee for doing so. Upon completion of Phase I, AngloGold Ashanti retains the right to designate up to five individual projects where it may potentially earn up to a 75% interest in each by completing various milestones. See Table 1 below for further details.

	Project Specific Expenditures (AUD\$)					AngloGold Interest (%)	Max. time for each stage
Phase I	\$10M					0%	36 Months
	Duck Creek	Project 2	Project 3	Project 4	Project 5	51%	36 Months
Phase II	\$7M	\$7M	\$7M	\$7M	\$7M		
Phase III	\$20M	\$20M	\$20M	\$20M	\$20M	65%	24 Months
Phase IV	Completion of PFS	Completion of PFS	Completion of PFS	Completion of PFS	Completion of PFS	75%	36 Months

Table 1: Principal financial terms of the AngloGold Ashanti Exploration Agreement. PFS = Pre-Feasibility Study.

Relinquishment of Exploration Licenses:

The Company along with AngloGold Ashanti have agreed to relinquish Exploration Licenses 9341, 9305, 9643 and 9360 which are located in the far north of the contiguous package of concessions held by the Company. The specific areas have been downgraded by the Company in terms of prospectivity due to the age of the rocks and thickness of the post-mineral sedimentary cover sequence. Relinquishing Exploration Licenses that are no longer considered prospective is a key aspect of the Company's exploration strategy and disciplined business plan.

About Inflection's NSW Projects:

The Company is systematically exploring for large copper-gold deposits in the northern interpreted extension of the Macquarie Arc, part of the Lachlan Fold Belt in New South Wales. The Macquarie Arc is Australia's premier porphyry copper-gold province host to Newmont's Cadia deposits, Evolution Mining's Cowal and Northparkes deposits plus numerous exploration prospects including Boda, the discovery made by Alkane Resources.

The Company uses cost-effective mud-rotary drilling to cut through unmineralized post-mineral sedimentary cover before transitioning to diamond core drilling once the prospective basement is reached. It is well documented that mineralized bodies elsewhere in the belt, in particular porphyry and intrusive related systems, have large district-scale alteration and geochemical halos or footprints surrounding them. The Company typically completes a series of short diamond drill holes into the basement bedrock with multiple data points gained from alteration and mineral geochemistry which is then used to vector additional deeper holes. This is a proven exploration methodology in the covered segments of the Macquarie Arc, having been directly responsible for the discovery of the Northparkes and Cowal deposits.

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.

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.

On behalf of the Board of Directors

Alistair Waddell
President and CEO
alistair@inflectionresources.com

For further information, please contact:

Brennan Zerb
Investor Relations Manager
+1 (778) 867-5016
bzerb@inflectionresources.com

Forward-Looking Statements: This news release includes certain forward-looking statements and forward-looking information (collectively, "forward-looking statements") within the meaning of applicable Canadian securities legislation. All statements, other than statements of historical fact, included herein including, without limitation, statements regarding future capital expenditures, amount of drilling, receipt of the maximum amount of available grant funding, anticipated content, commencement and cost of exploration programs in respect of the Company's projects and mineral properties, AngloGold's anticipated funding of the Minimum Commitment and timing thereof, and the anticipated business plans and timing of future activities of the Company, are forward-looking statements. Although the Company believes that such statements are reasonable, it can give no assurance that such expectations will prove to be correct. Often, but not always, forward looking information can be identified by words such as "pro forma", "plans", "expects", "may", "should", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", "believes", "potential" or variations of such words including negative variations thereof, and phrases that refer to certain actions, events or results that may, could, would, might or will occur or be taken or achieved. Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to differ materially from any future results, performance or achievements expressed or implied by the forward-looking statements. Such risks and other factors include, among others, statements as to the anticipated business plans and timing of future activities of the Company, including the Company's exploration plans, the proposed expenditures for exploration work thereon, the ability of the Company to obtain sufficient financing to fund its business activities and plans, delays in obtaining governmental and regulatory approvals (including of the Canadian Securities Exchange), permits or financing, changes in laws, regulations and policies affecting mining operations, the Company's limited operating history, currency fluctuations, title disputes or claims, environmental issues and liabilities, as well as those factors discussed under the heading "Risk Factors" in the Company's prospectus dated June 12, 2020 and other filings of the Company with the Canadian Securities Authorities, copies of which can be found under the Company's profile on the SEDAR+ website at www.sedarplus.ca. Readers are cautioned not to place undue reliance on forward-looking statements. The Company undertakes no obligation to update any of the forward-looking statements, except as otherwise required by law.