

Inflection Resources Identifies New Drill Targets – Acquires New Ground In Northern New South Wales

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VANCOUVER, Aug. 12, 2021 - [Inflection Resources Ltd.](#) (CSE: AUCU) (FSE: 5VJ) (OTCQB: AUCUF) (the "Company" or "Inflection") is pleased to announce it has identified a number of new, priority copper-gold exploration targets in Northern New South Wales, Australia. The Company has been granted two and applied for an additional three exploration licenses to cover these five new priority target areas.

Summary Highlights

- Five new target areas: Duck Creek, Bogan West, Mundadoo North, Ginghet North and Walgett East have been identified, all claimed and 100% owned by the Company. The Company considers these new targets significant additions to the existing pipeline of drill targets;
- Targets generated using regional aeromagnetic and gravity data in the northern covered extensions of the Macquarie Arc and are primarily considered prospective for alkalic porphyry-related copper-gold mineralisation; and,
- The Company plans to systematically drill test these new targets as part of its ongoing Northern New South Wales drill program with the goal of discovering a large, concealed copper-gold deposit.

Exploration Update

The Company has identified and acquired five new copper-gold exploration targets in Northern New South Wales, two of which it has covered with fully granted Exploration Licenses and three with Exploration License Applications.

As the Company continues to drill test the covered, northern extension of the Macquarie Arc as part of its ongoing exploration program, the evolving geological interpretation and understanding of the belt has been greatly enhanced and highlighted several additional priority areas of interest. The new targets have primarily been generated using aeromagnetic and gravity data with a principal focus on magnetic anomalies that coincide with broad, multi-kilometre scale gravity lows. None of the new targets, all located under a sequence of unmineralized post-mineral cover, have previously been drill tested.

Inflection's district-scale land position now comprises twenty-three Exploration Licenses and Applications extending over 8,730 km², all 100% owned by the Company. This highly strategic, district-scale land position principally covers large intrusive volcanic complexes interpreted to be part of the Macquarie Arc, a highly prospective geologic terrane for a variety of deposit types including alkalic porphyry-related copper-gold mineralisation.

Alistair Waddell, Inflection's President and CEO, states: *"As our New South Wales drill program progresses, our geological understanding of the covered northern extension of the Macquarie Arc has greatly improved through the collection of new, primary, proprietary data which is constantly being applied to tweak our geological models and exploration strategy. This proprietary knowledge has given the Company a significant competitive advantage over the selection of prospective ground and targets. This greater geological understanding of the covered basement geology, geochronology and the post-mineral sedimentary cover sequence has highlighted these additional areas of interest which the Company considers highly prospective for large porphyry-related copper-gold systems".*

Figure 1: Northern NSW Project - Exploration License and Application map -

<https://www.globenewswire.com/NewsRoom/AttachmentNg/8c6d088f-24fd-4166-b7d3-c0468148b6f0>

Target Geological Details

Inflection has been granted two and applied for an additional three exploration licences that significantly enhance the prospectivity of its Northern NSW portfolio of copper-gold projects.

Duck Creek - EL 8965 (Granted Exploration License)

Duck Creek is a large exploration licence (60,102 hectares) acquired to cover a target area the Company considers prospective for alkalic porphyry-related copper-gold style mineralisation.

The target area covers favourable magnetic and gravity features identified by airborne geophysical surveys which the Company interprets to be part of the prospective Macquarie Arc volcanic sequence. The broad target area comprises a large gravity low embayment within a large regional magnetic high, of which the Company considers the geological setting analogous to the Northparkes mine located to the south. Specifically, the Company has identified high amplitude, complex, curvilinear magnetic patterns very similar to those typical of the intrusion-related signatures of the Macquarie Arc mineralized districts. Furthermore, the target area is marked by a distinct 10 x 15-kilometre gravity low similar to the signature which marks the extent of the Northparkes intrusion complex. More than ten drill sites have been identified in the Duck Creek area for initial drill testing, none of which have previously been drill tested. The initial, first-pass drill holes are fully permitted for drilling.

Figure 2: Aeromagnetic (Reduced to pole) map of the Duck Creek principal target area of interest - High amplitude curvilinear magnetic patterns are interpreted to represent a kilometre-scale intrusive complex. - <https://www.globenewswire.com/NewsRoom/AttachmentNg/7f1bb9b8-e6ba-477f-a5a5-b7c37172afe0>

Mundadoo North - ELA 6293 (Exploration License Application)

This recent exploration licence application is located directly north of Inflection's Mundadoo target which previously returned encouraging results (Inflection news release dated May 27, 2021) and is along strike of the regional trends in the aeromagnetic and gravity data. The area covers a large gravity low within a strong gravity ridge associated with a pronounced magnetic high. Detailed interpretation of the magnetic and gravity data is currently being undertaken to identify specific targets to be drill tested.

Bogan West - EL 9177 (Granted Exploration License)

Analysis of the aeromagnetic and gravity data has identified two targets with potential to host copper-gold mineralisation located approximately fifteen kilometres apart. Both areas are associated with a strong northwest-trending structural corridor comprised of interpreted contractional faults and associated shorter splay faults. The post-mineral sedimentary cover sequence here is interpreted to be shallow, allowing for rapid and cost-effective assessment.

Ginghet North - ELA 6314 & Walgett East - ELA 6315 (Exploration License Applications)

Two large areas, which total 319,604 hectares, have been applied for east and northeast of the Company's Waratah Exploration License (EL8720). The area comprises a large segment of possible Macquarie Arc volcanics and intrusions which are manifest by several regionally significant gravity lows, and zones of complex magnetite highs and lows which the Company considers highly prospective for copper and gold. The Company intends to undertake detailed targeting over these two areas to identify specific areas to be drill tested. The Company considers these target areas particularly exciting not only from the magnetic and gravity anomalies but also because this is a new exploration terrain with no previously recorded exploration activity.

Figure 3: Ginghet North (ELA6314) & Walgett East (ELA6315) Exploration License Applications. Total magnetic intensity, RTP airborne magnetic (left), residual gravity (right) data. - <https://www.globenewswire.com/NewsRoom/AttachmentNg/b04370cd-b135-4de2-9541-04c7b9b0bc69>

Northern NSW - Exploration Strategy

Inflection is systematically drill testing a large portfolio of copper-gold and gold targets within the interpreted northern extension of the Macquarie Arc, part of the Lachlan Fold Belt in New South Wales. The Company is using cost-effective mud-rotary drilling to cut through the unmineralized post-mineral sedimentary cover. Once basement is reached, the rig transitions to diamond core drilling. 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 is completing a series of short diamond drill holes into bedrock rather than just one or two deep and more expensive diamond drill

holes. Multiple data points gained from alteration and mineral geochemistry is then used to vector additional deeper holes. This is a proven exploration strategy in the covered segments of the Macquarie Arc, having been directly responsible for the discovery of the Northparkes and Cowal deposits.

Qualified Person

The scientific and technical information contained in this news release has been reviewed and approved by Mr. Carl Swensson (FAusIMM), Inflection's VP Exploration, and 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 and gold focused mineral exploration company listed on the Canadian Securities Exchange under the symbol "AUCU" and on the OTCQB under the symbol "AUCUF" with projects in Australia. The Company is systematically drill testing a large portfolio of projects in New South Wales and in Queensland. The Company is exploring for large copper-gold and 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 gold-copper province being host to Newcrest Mining's Cadia deposits, the CMOC Northparkes deposits and Evolution Mining's Cowal deposits plus numerous exploration prospects including Boda, the recent discovery made by Alkane Resources.

For more information, please visit the Company's website at www.inflectionresources.com.

On Behalf of the Board of Directors

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Readers are cautioned not to place undue reliance on forward-looking statements. The Company undertakes

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