

4 December 2024

Down-hole TelevIEWer Surveying at Christmas Creek

Exploration team currently in the field with down-hole surveying in progress at the Martin Prospect to assist with drill targeting to follow up previously reported strong gold drill results

Highlights

- Down-hole televIEWer surveying has commenced at Trek's flagship Christmas Creek Gold Project in Western Australia – survey being undertaken by Wireline Services Group.
- A range of tools will be used to refine targets for upcoming drilling, including:
 - Optical, Acoustic, Density and Spectral.
- Key targets to be evaluated using the down-hole televIEWer include:
 - The recently reported exceptional high-grade gold assays from hole 24XCRC097 at the Martin prospect:
 - 10m @ 12.66g/t Au from 59m *including 1m @ 32.6g/t Au; and 3m @ 29.8g/t Au*
 - 10m @ 7.34g/t Au from 94m *including 2m @ 31.1g/t Au; and 1m @ 7.85g/t Au*
 - Two large gold trends extending over ~1km in a north-easterly orientation and ~1.5km in south-easterly orientation at Martin.
- Primary drill samples relating to anomalous drill composite samples are being collected for laboratory analysis, as are representative drill chips for petrographic analysis.
- Planning advancing towards the next round of exploration drilling at Christmas Creek.



Figure 1. Wireline Service Group undertaking down-hole televIEWer surveying at drill-hole 24XCRC097.

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Trek Metals Limited (ASX: **TKM**) (“**Trek**” or the “**Company**”) is pleased to advise that field work is underway to follow up the previously reported broad zones of high-grade gold mineralisation intersected at the 100%-owned Christmas Creek Gold and Rare Earth Element Project in the Kimberley region of WA.

Previous results were reported on 31 October 2024. To review this announcement, follow this link: <https://investorhub.trekmetals.com.au/announcements/6605930>

The exciting assay results – including **10m at 12.66g/t Au** from 59m and **10m at 7.34g/t Au** from 94m – occur adjacent to a historical intercept of **2m at 9.65g/t Au** drilled by the project’s previous owner, Newmont.

In conjunction with other recently obtained information, this has significantly upgraded the potential of the Christmas Creek Project to deliver a greenfields gold discovery.

At least three zones of significant mineralisation have now been intersected at Martin in both Trek and previous Newmont drilling. Recent drilling information and multi-element geochemistry indicates that these three prospects sit within two emerging gold trends which offer outstanding potential for a major new gold discovery.

These trends are the main focus of the Company’s current exploration activities.

Trek Metals CEO, Derek Marshall, said: *“Nailing the geological and structural controls of the high-grade mineralisation at Martin is critical for targeting the next round of drilling at Christmas Creek. Our current interpretation suggests that the main mineralised trend/s may not have been effectively tested in the drilling completed to date, with significant upside interpreted both along strike and at depth.*

“The down-hole data currently being acquired on site by Wirelines Services Group will feed straight into our structural and geological models to refine the mineralisation model and associated drill target areas for the next round of drilling.

“The broad, high-grade intercepts at Martin confirm the potential for a significant orogenic gold system and, together with previously acquired data, have given us significant momentum towards unlocking what we believe could be a very significant greenfields gold discovery.

“We are equally excited about the broader potential of the project and we are expecting the primary results from our recently selected anomalous composite soil sampling data. We will then undertake a process of ranking target areas for the next round of greenfields drilling in this extremely underexplored region of Western Australia.”

Authorised by the Board of Directors

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COMPETENT PERSONS STATEMENT

The information in this report relating to Exploration Results is based on information compiled by the Company's Chief Executive Officer, Mr Derek Marshall, a Competent Person, and Member of the Australian Institute of Geoscientists (AIG). Mr Marshall has sufficient experience relevant to the style of mineralisation and to the type of activity described 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." Mr Marshall has disclosed that he holds fully paid Ordinary Shares and Performance Rights in the Company. Mr Marshall consents to the inclusion in this announcement of the matters based on his information in the form and content in which it appears.

DISCLAIMERS AND FORWARD-LOOKING STATEMENTS

This announcement contains forward looking statements. Forward looking statements are often, but not always, identified A words such as "seek", "target", "anticipate", "forecast", "believe", "plan", "estimate", "expect" and "intend" and statements that an event or result "may", "will", "should", "could" or "might" occur or be achieved and other similar expressions.

The forward-looking statements in this announcement are based on current expectations, estimates, forecasts and projections about Trek and the industry in which it operates. They do, however, relate to future matters and are subject to various inherent risks and uncertainties. Actual events or results may differ materially from the events or results expressed or implied by any forward-looking statements. The past performance of Trek is no guarantee of future performance.

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