

ASX RELEASE
28 March 2022

DRONE STOPE SURVEY COMPLETED AT MALDON

- **Underground Drone Surveys Completed at Maldon with data to be used for resource and mine studies**
- **Resource modelling progressing with MiningOne independent consultants**
- **Diamond Drilling Rig Mobilised from Maldon to the A1 Mine**

Kaiser Reef Limited (**ASX:KAU**) ("**Kaiser**" or the "**Company**") is pleased to announce the completion of a programme of underground stope surveying. Kaiser identified that some historical unsurveyed stopes would need to be accounted for and depleted from the resource estimation models being undertaken at Maldon. Kaiser appointed MINELiDAR to conduct the survey using Emesent Hovermap LiDAR (Light Detecting and Ranging) technology mounted on drones (Figure 1 & 2). MINELiDAR, the key provider of the service was only recently granted travel authority due to Western Australian Government travel restrictions. Kaiser has now completed this important step in the resource work.

Emesent's Hovermap is a safe and fast way to survey stopes, drives and shafts, especially in situations untested by engineers for structural stability and safety with a high degree of accuracy. The data, in conjunction with the surveyed diamond drill holes, will allow a full resource and future mine planning model to be constructed. MINLiDAR conducts drone, winched and handheld scans using the Hovermap payload from Emesent, capturing up to 300,000 points per second and providing a point cloud with a high level of resolution. The survey was taken from the 1060 and 1100 access points and the Linscotts Reef drive was also surveyed.

The underground drilling rig at Maldon has concluded the first phase of drilling and is now being demobilised to continue exploration and development at the A1 mine. Kaiser will apply the drill results that lie within the target regions of resources estimation and utilise this information in the resource model. Deeper exploration drilling was also conducted, and Kaiser is awaiting further assay results. The resource estimation work is now able to continue.



Figure 1: MINELiDAR engineer Peter Evans conducting pre-flight checks at Maldon



Figure 2: Example image of a drive being surveyed showing laser survey lines (not from Maldon)

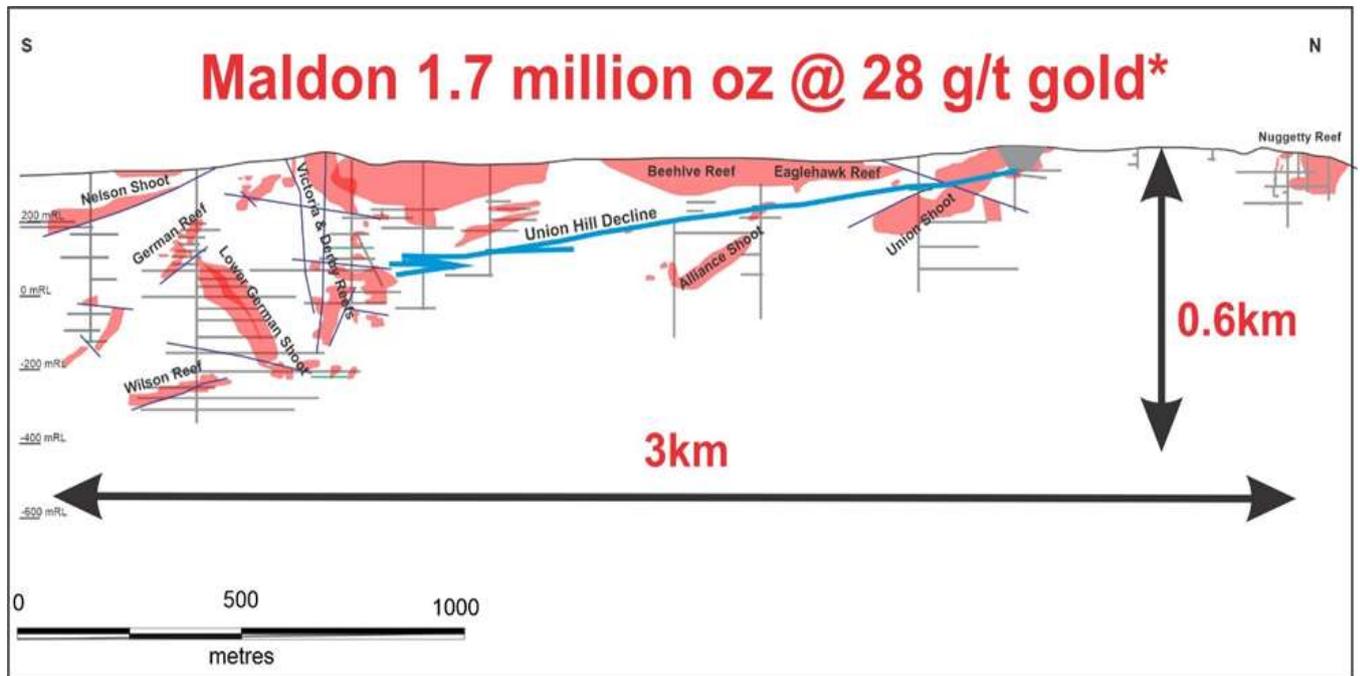


Figure 3: Historic long section of the Maldon gold field – showing location of the Nuggety Reef to the North

The Maldon Goldfield

Maldon is located between Bendigo and Ballarat in the Victorian Goldfields and the licence area has produced over **1.74M ounces of gold at 28 g/t** (Figure 3). Maldon is host to one of Australia's highest grade historic gold mines, the Nuggety Reef, that produced 301,000 ounces of gold at 187 g/t.

The Maldon goldfield is located in the Bendigo Zone in host turbidite sandstone, siltstone and shales of the Castlemaine group and was subject to deformation resulting in north-south trending series of chevron folds. During folding a complex history of faulting is also noted. An event around ~445Ma believed to have involved crustal thickening and the circulation of metamorphic fluids through the crust (Vandenberg et al, 2000) and formed gold deposits at Bendigo, Fosterville, Castlemaine, Maldon and Daylesford. Maldon was later subject to further potential mineralising and remobilisation events with the emplacement of the Harcourt Batholith.

One of the Maldon's key attributes is the extensive existing infrastructure and proximity to Kaiser's gold processing plant (3 km away). Rapid and low-cost development could be implemented with the existing mining fleet owned by Kaiser and experienced mining team for minimal capital cost.

Kaiser considers Maldon to be an underexplored and extremely prospective prolific high grade historic goldfield. Exploration at Maldon is a high priority objective for Kaiser. Drilling commenced early during the Quarter targeting prospective potential ore shoot extensions along the Eaglehawk Reef. Kaiser initially utilised a small company owned Kempe diamond drilling rig to commence early drilling at Maldon. Unfortunately, the production and effectiveness of the rig was substantially below expectations and some of the deeper targets were not tested.

The full-scale underground drilling rig concluded drilling at the A1 Mine and has since commenced drilling from underground locations at Maldon. The contracted drilling rig has since proven to be very productive and capable. Drilling has initially targeted the projected extensions to historic high-grade mineralisation at the Eaglehawk reef, one of Maldon's largest high grade and largest historic mines. The Kaiser owned Maldon goldfield produced **1.74 million ounces of gold at an average grade of 28 g/t gold** (Not including alluvial/placer production) on a granted mining lease close to the 100% owned, permitted and operating plant which is currently treating ore from the wholly owned high-grade A1 gold mine.

Maldon has some distinct exploration and development advantages including an established and serviced decline which allows excellent underground access for drilling high-grade shoots and is currently facilitating the underground drilling.

Some of the historic high-grade gold results from Maldon that require follow up include:

- **0.90m @ 103.0 g/t gold**
- **2.73m @ 42.2 g/t gold**
- **2.75m @ 22.6 g/t gold**
- **0.44m @ 205.0 g/t gold**
- **2.00m @ 58.0 g/t gold**
- **2.30m @ 12.5 g/t gold**
- **0.83m @ 80.0 g/t gold**
- **1.0m @ 45.5 g/t gold**
- **3.55m @ 11.9 g/t gold**
- **2.95m @ 18.5 g/t gold**
- **0.85m @ 114.6 g/t gold**

Encouraging preliminary results drilled by Kaiser at Maldon (see ASX release dated 15 November 2021) include:

- **UH-UDH-001: 0.3m at 54.5 g/t gold within 1.2m @ 14.1 g/t gold**
- **UH-UDH-005: 0.65m @ 33.4 g/t gold**
- **UH-UDH-006: 0.8m @ 63.6 g/t gold within 1.8m @ 29.6 g/t gold**
- **UH-UDH-018: 0.8m @ 12.1 g/t gold and 0.3m @ 11.7 g/t gold**
- **UH-UDH-021: 1.5m @ 6.5 g/t gold**

This announcement has been authorised for release to the market by Managing Director, Jonathan Downes.

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Competent Persons Disclosure

The information included in this report that relates to Exploration Results is based on information compiled by Shawn Panton (B.Sc (hons) (Geology/Earth Science), M.B.A Ex., an employee of Centennial Mining Limited. Mr Panton has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking 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 Panton consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

Mr Panton holds securities in the company.

Future Performance

This announcement may contain certain forward-looking statements and opinion. Forward-looking statements, including projections, forecasts and estimates, are provided as a general guide only and should not be relied on as an indication or guarantee of future performance and involve known and unknown risks, uncertainties, assumptions, contingencies and other important factors, many of which are outside the control of the Company and which are subject to change without notice and could cause the actual results, performance or achievements of the Company to be materially different from the future results, performance or achievements expressed or implied by such statements. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward-looking statements or other forecast. Nothing contained in this announcement nor any information made available to you is, or and shall be relied upon as, a promise, representation, warranty or guarantee as to the past, present or the future performance of Kaiser Reef.