

## DRILLING PROGRAM DESIGN FINLAND GOLD PROJECT

### ASX ANNOUNCEMENT

THURSDAY, 3 SEPTEMBER 2020

ASX Code: DHR

#### Shares on Issue

4 Billion

#### Cash on Hand

\$1.6m

#### Market Capitalisation

A\$8m (at A\$0.002 per share)

#### Directors

Nick Mather (Non-Executive Chairman)

David Mason (Managing Director)

Brian Moller (Non-Executive Director)

Jason Beckton (Non-Executive Director)

#### Company Secretary

Karl Schlobohm

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### HIGHLIGHTS

- Finland Tampere Gold Project first phase drilling program designed, to advance towards defining JORC Resources.
- Drilling planned to commence as soon as feasible during the final calendar quarter of 2020.
- Drilling will be carried out on the most advanced Hopeavouri permits (Hopeavouri Main), with some drilling also at Kalliojärvi and Metsäkylä.
- The program will comprise up to several thousand metres of diamond drilling, initially in the known mineralised areas, and then will follow the structures along strike to test their extent.
- Negotiations are underway to engage a local well-respected, and experienced drilling company, as is permitting, logistical planning and developing a technical team to supervise the work.

Dark Horse Resources Ltd (**the Company, Dark Horse, ASX:DHR**) is pleased to announce that the **first drilling program for the Tampere Gold Project in Finland has been designed**. Commencement of drilling is planned to begin as soon as feasible during the final calendar quarter of 2020.

On 14 August 2020, the Permit Purchase Agreement (PPA) was executed between Sotkamo Silver AB (**Sotkamo, NGM: SOSI**) and DHR, for 100% of the interest in a number of highly prospective Gold exploration permits in Finland, known as the **Tampere Gold Project**. These permits are currently being transferred to one of DHR's Finnish subsidiary companies, but completion of this regulatory process may take several months.

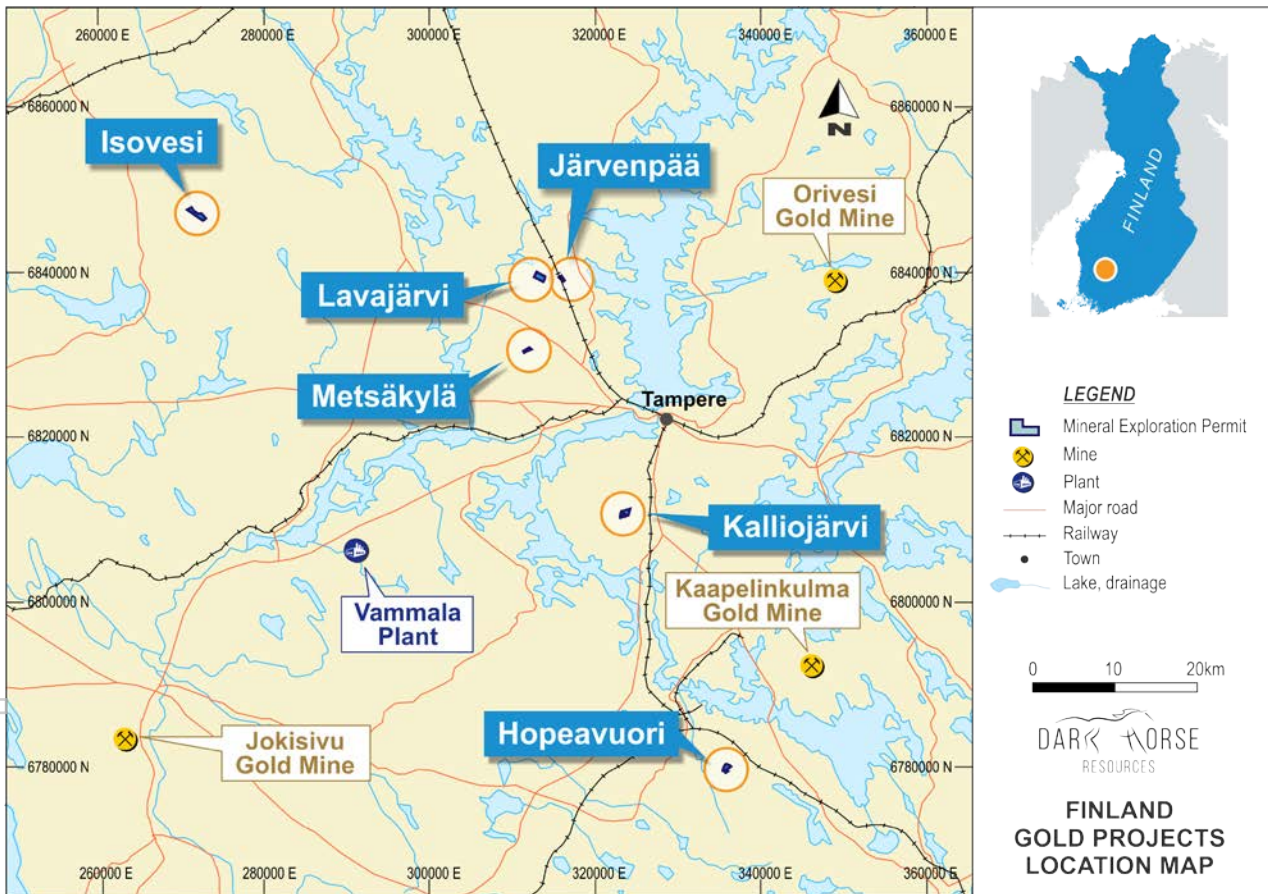
DHR raised approximately \$2.0 million cash in July and August 2020 and has is currently raising a further \$343,000 (before costs) which will comfortably cover the Company's plans for Gold exploration drilling in Finland and Argentina.

#### First Exploration Drilling Program for Tampere Gold Project, Finland

Dark Horse's objectives are to advance the Finland Tampere Gold Project towards defining JORC Resources within the next twelve months. The DHR technical team have been compiling and evaluating all historic geological data during the past months and designed a comprehensive and systematic exploration program.

Drilling will be carried out on the most advanced Hopeavuori permits, with some drilling also at Kalliojärvi and Metsäkylä (refer Location Map Figure 1). The drilling program will target the known thick, high-grade Gold mineralised structures defined by Sotkamo and prior workers. It will comprise of several thousand metres of diamond drilling initially in the known mineralised areas, and then will follow the structures along strike to test their extent. Negotiations are underway to engage a local well respected, and experienced drilling company, as is permitting, logistical planning and developing a technical team to supervise the work.

The data presented in this ASX release is considered to be an accurate representation of the available historical data and nothing has come to the attention of the Company to cause it to question the accuracy or reliability of these results. However, insufficient work has been undertaken by the Competent Person to disclose the results in compliance with the 2012 edition of the JORC Code. It is uncertain that following further evaluation and/or exploration work, these historical exploration results will be able to be reported under the 2012 edition of the JORC Code, or used in Mineral Resources or Ore Reserves in accordance with the 2012 edition of the JORC Code. Full details of the historical data for these projects is available by reference to the Company's market releases of 9 June 2020.



**Figure 1: Location of the Finland Tampere Gold Project exploration permits and closest Gold mines. First Drilling Program planned to commence in the final quarter of 2020, will be carried out on the most advanced Hopeavuori permits, with some drilling also at Kalliojärvi and Metsäkylä.**

At Hopeavuori Main (refer **Figure 2**), high-grade Gold mineralisation is interpreted to be associated with quartz veining and brecciation controlled by multiple steeply dipping north-south trending structures. Where these structures intersect, the contact between the volcanic and intrusive units are often where the highest grade intersections occur. Arsenopyrite and pyrrhotite are also correlated to Gold mineralisation.

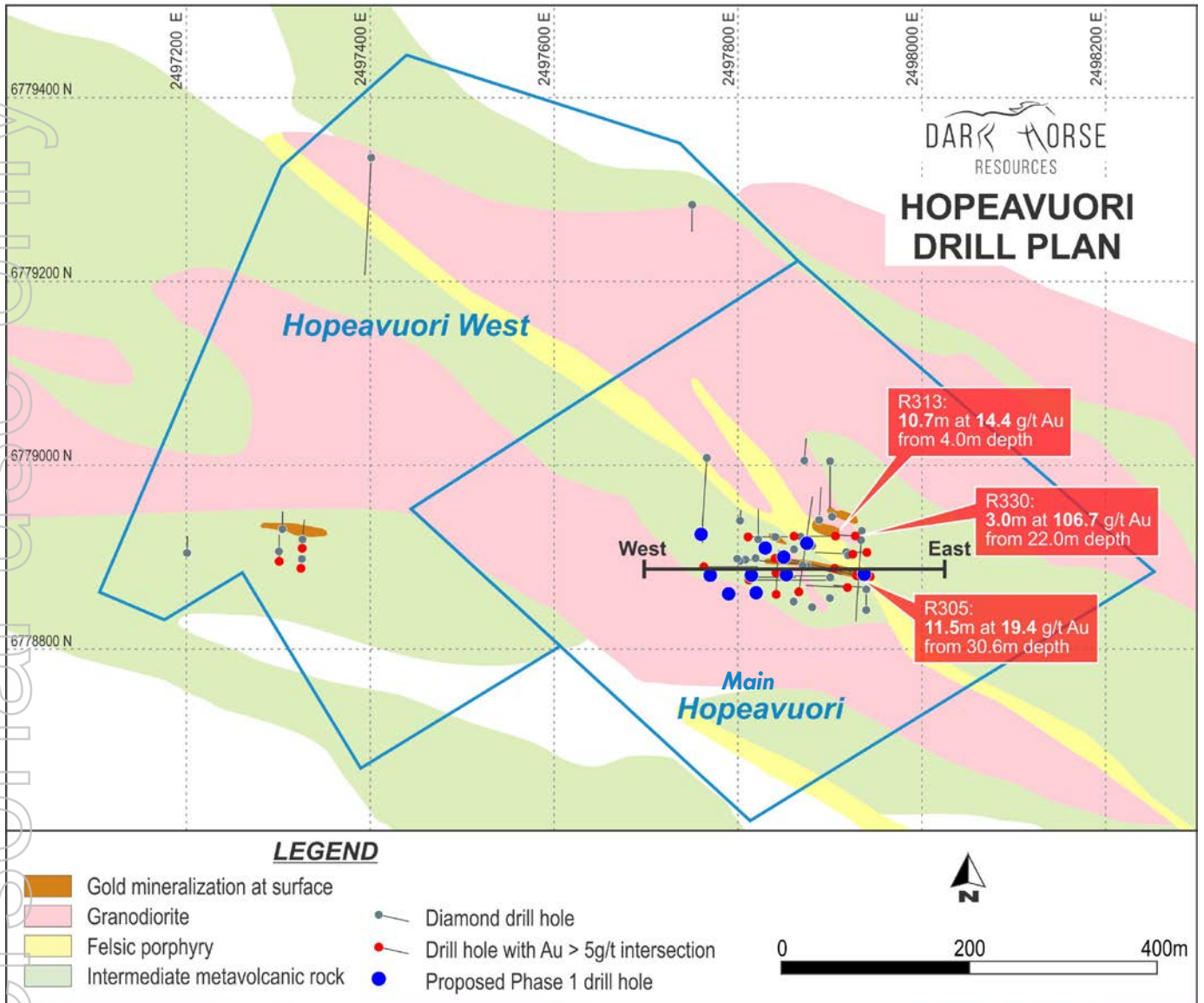
Drilling at Hopeavuori Main will be undertaken to test the presence and continuity of high-grade mineralisation within the two main interpreted north-south trending structures (**Figures 2 & 3**). It is proposed that these high grades may also plunge to the south in the plane of the north-south trending structures and this interpretation will also be tested.

Diamond drilling will be utilised to enable core orientation and structural analysis to be undertaken for input into the current mineralisation model. Two high-grade historical drill holes will be twinned to compare mineralisation and analysis methods. The first phase of drilling will comprise 10 holes for 1,070 metres. Holes will be drilled east at between 40-45 degrees which is considered optimal for targeting the steeply dipping high-grade mineralisation. Holes range between 50m and 100m depth to infill between existing drillholes as well as targeting strike and depth extensions. Holes will be drilled in order of priority and adjustments may be made as structural information becomes available.

On the successful completion of this first drilling program, a second phase is planned for another 1,000m in the Hopeavuori permits with objectives to:

- Increase the drill density, chase any high-grade shoots identified, and enable the construction of a detailed resource model.
- Follow the mineralisation westwards towards other targets existing in the western part of the permits. Existing drilling has proved the Hopeavuori West target, which was identified from a coincident IP and magnetic anomaly, similar to that seen at Hopeavuori Main. Seven holes were drilled on Hopeavuori West and confirmed anomalous mineralisation in six of the holes.
- Another coincident magnetic and IP anomaly exists between Hopeavuori West and Hopeavuori Main within the mineralised corridor. It is planned to drill approximately 500m to test this anomaly.

Drilling opportunities exist on a number of the other prospects within the Tampere Gold Project. The Company will consider a further 500m of drilling to test the current interpretation of the controls on mineralisation at Kalliojärvi and Metsäkylä. Kalliojärvi comprises a set of E-W trending mineralised zones in a shallow west plunging synform with mineralisation defined over approximately 250m long. At Metsäkylä, mineralisation is hosted in an ENE trending, altered silicified shear zone about 20m wide, and is anomalous for Gold over 800m. The mineralisation is currently open along strike and at depth.



**Figure 2: Location of current (red and grey) and planned (blue) drillhole locations at Hopeavuori, Tampere Finland Gold project and significant historical drillhole Gold intersection results shown with geology.**

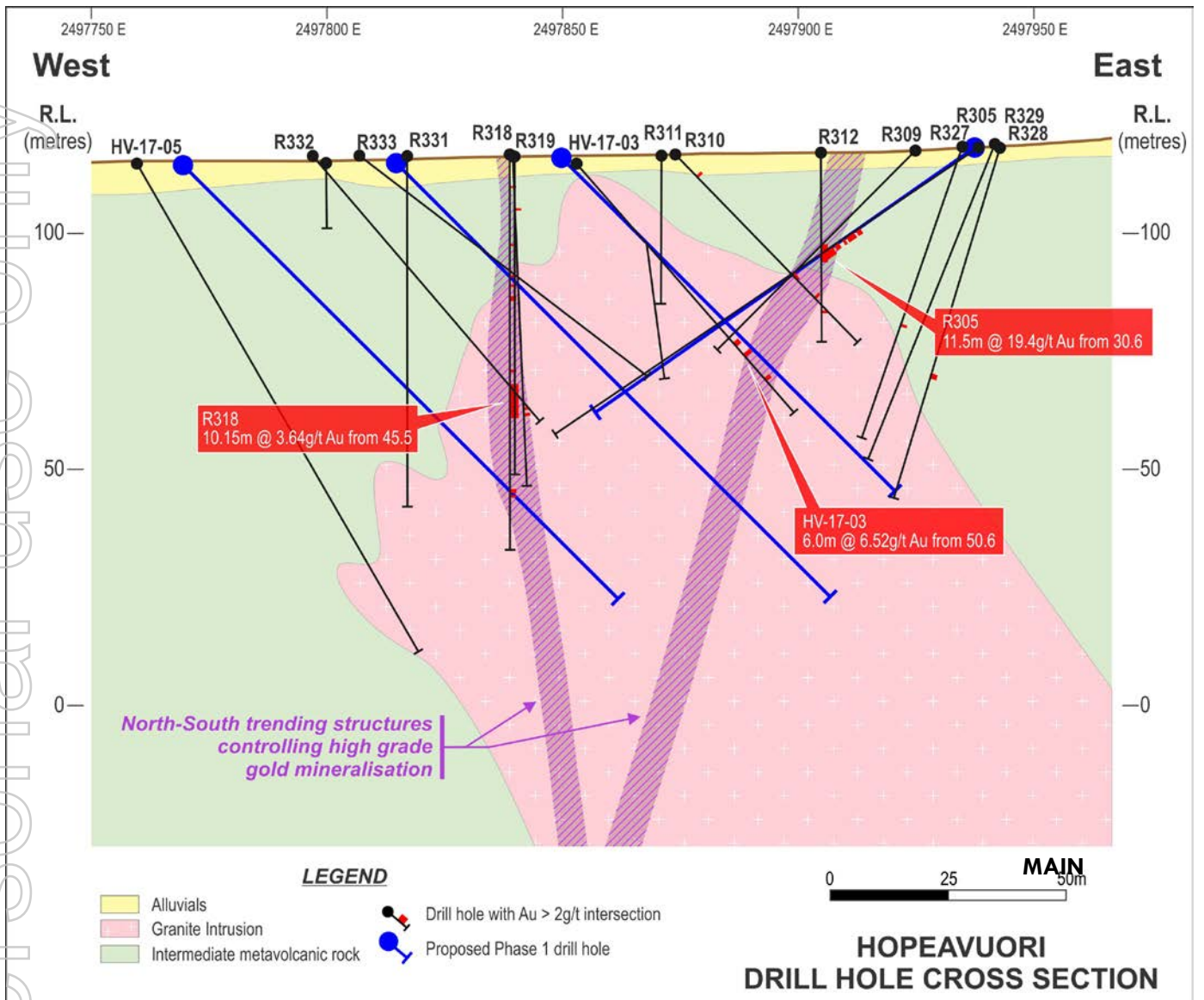


Figure 3: Geological cross section showing current (black) and planned (blue) drillhole locations at the Hopeavuori Main project, Tampere Finland Gold project and significant historical drillhole Gold intersection results.

### Next Steps

The Company's next steps are to:

- Complete the transfer of the Gold and Tungsten exploration permits into the DHR Finnish subsidiaries and settle the transaction with Sotkamo (underway);
- Plan and secure all logistics and permitting that may be required for implementation of the Finland Tampere Gold exploration and drilling program (underway);
- Conclude drilling contract (underway);
- Undertake a comprehensive review of the Tungsten resources at the Swedish exploration permits (Bergslagen Tungsten Project);
- Implement the drilling programs, planned for commencement in the final calendar quarter of 2020;
- Consider further acquisition of Gold projects in Finland and in other quality mining jurisdictions worldwide to complement the existing portfolio and provide the Company flexibility and optionality in these currently challenging times to achieve our goal of discovering and proving a Tier 1 Gold resource;
- Advance investigating a dual listing of the Company on one of the European exchanges.

*This Announcement has been authorised by the Board of Directors*

Mr Karl Schlobohm  
**Company Secretary**

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### COMPETENT PERSON'S STATEMENT

The information herein that relates to Exploration Targets and Exploration Results is based information compiled by Mr Trevor Leahey, who is a member of The Australian Institute of Geoscientists. Mr Leahey is principal consultant with Computer Aided Geoscience Pty Ltd.

Mr Leahey has more than twenty years experience which is relevant to the style of mineralisation and types of deposits being reported and the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves" (the JORC Code). This public report is issued with the prior written consent of the Competent Person(s) as to the form and context in which it appears.