



# **Second Drill Rig Starts at the Morning Star Gold Mine, Testing High Grade Gold Quartz Reefs at the Dickenson South Target**

## **Key Highlights**

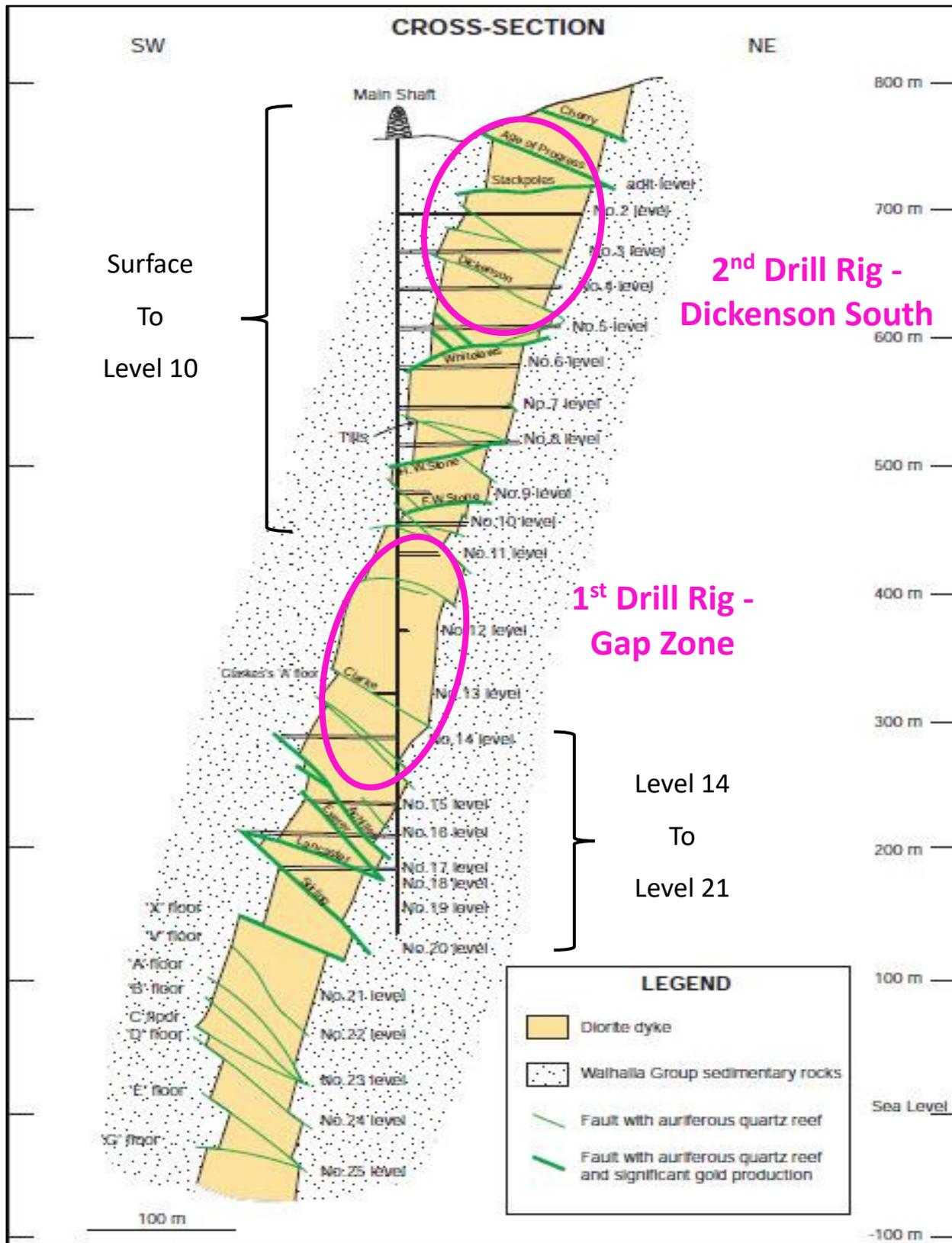
- A 3,000 metre diamond drill program from surface has commenced at the Morning Star gold mine to test the 100 metre strike extent of quartz reefs within the host dyke immediately south of historic stoping on the Dickenson and Shamrock Reefs. There are now two diamond drill rigs at the mine.
- Analysis of historic mining and exploration has identified several targets within 200 metres of surface at the underground Morning Star gold mine, part of the Company's Woods Point Gold Project in Victoria.
- The Dickenson South target contains the Dickenson, Shamrock, Exhibition and Stacpoole Reefs, all of which contain high grade gold mineralisation along strike to the north.
- The Dickenson South target is only sparsely drill tested with significant historic drill hole intersections<sup>1</sup> at the southern end of the host dyke including:
  - **2.6 metres at 16.9g/t** gold including **0.3 metres at 132.7g/t** (MS364)
  - **0.8 metres at 13.2g/t** gold including **0.3 metres at 33.4g/t** (20MS01)
- Quartz reef face sampling along the 4-level drive in the vicinity of historic stoping of the Dickenson Reef, close to the main shaft. Previously returned assay results<sup>1</sup> include:
  - **0.6 metres at 3,140g/t gold**
  - **0.5 metres at 127g/t gold**
  - **0.5 metres at 3.8g/t gold**
  - **0.6 metres at 2.3g/t gold**

**White Rock Minerals Limited (ASX: WRM; OTCQX:WRMCF)**, ('White Rock' or 'the Company') is pleased to announce the start of surface diamond drilling to test multiple mineralised quartz reefs within the Dickenson South target area at the underground Morning Star gold mine.

This is the second diamond drill rig to commence testing the high-grade gold potential at the Company's recently acquired Morning Star gold mine. The first drill rig commenced earlier this month<sup>2</sup>, testing an under-explored 200 metre zone between 10-level and 14-level, referred to as the Gap Zone (Figure 1).

<sup>1</sup> Refer AuStar ASX Announcement 23<sup>rd</sup> November 2020 "Morning Star Mine: Production and Geology Update".

<sup>2</sup> Refer WRM ASX Announcement 19 October 2021 "Drilling Starts in the High-Grade Gold gap Zone Target at the Morning Star Gold Mine".



**Figure 1:** Cross-section of the Morning Star gold mine showing west and east-dipping mineralised faults that transect a diorite dyke, highlighting the Gap Zone and the Dickenson South target.

Diamond drill contractor Deepcore Australia Pty Ltd has mobilised a track mounted surface drill rig (Photo 1) that is currently drilling the first hole of Ring 1 at the Dickenson South gold target at the Morning Star gold mine (Figure 2).

White Rock's primary objective at the Morning Star gold mine is to identify and drill areas of the dyke that have the potential to host multiple high-grade gold quartz reefs. Utilising existing development infrastructure will support a low capital restart of production from multiple reef locations. The Dickenson South target area is one such primary target in the mine due to its size, multiple high-grade gold bearing reef potential and proximity to surface and existing infrastructure (Figure 2).

Further target selection along strike to the north is underway with plans to continue drilling from surface before remobilising the drill rig onto regional exploration targets during the coming summer months.

### **Dickenson South Drill Program**

The Dickenson South target is only sparsely drill tested with significant historic drill hole intersections<sup>1</sup> at the southern end of the host dyke including:

- **2.6 metres at 16.9g/t** gold including **0.3 metres at 132.7g/t** (MS364)
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Quartz reef face sampling along the 4-level drive in the vicinity of historic stoping of the Dickenson Reef, close to the main shaft. Previously returned assay results<sup>1</sup> include:

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A first pass drill program totalling 3,000 metres in 16 drill holes has been planned to provide systematic coverage across the Dickenson South gold target, with 3 drill hole rings on sections spaced 20 to 40 metres apart.

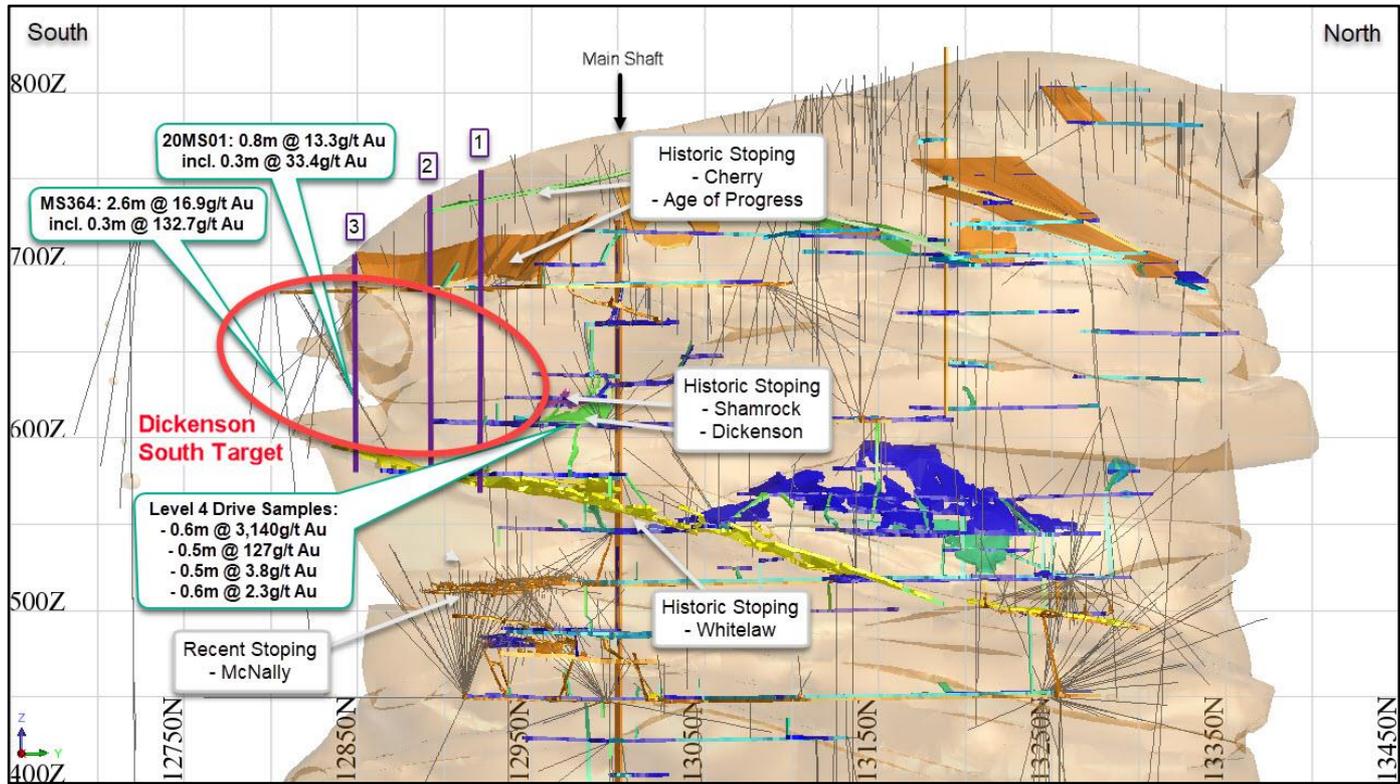
Each ring has 5 to 6 drill holes planned to test from surface through multiple known high-grade gold quartz reefs including Cherry, Age of Progress, Stacpoole, Exhibition, Shamrock and Dickenson, prior to terminating around 5-Level where the Whitelaw Reef was extensively mined during the 1920's (65,421 tonnes @ 31.2g/t gold for 65,600 ounces<sup>3</sup>). Drill hole toe spacing (the distance between the bottom of each hole in each ring) is nominally 20 metres (Figure 3).

The first pass drillhole spacing is sufficient to identify quartz reef structure geometry, that in conjunction with gold grade, is key to defining the most attractive individual quartz reef positions within the dyke for more detailed drilling before any development decisions are reached.

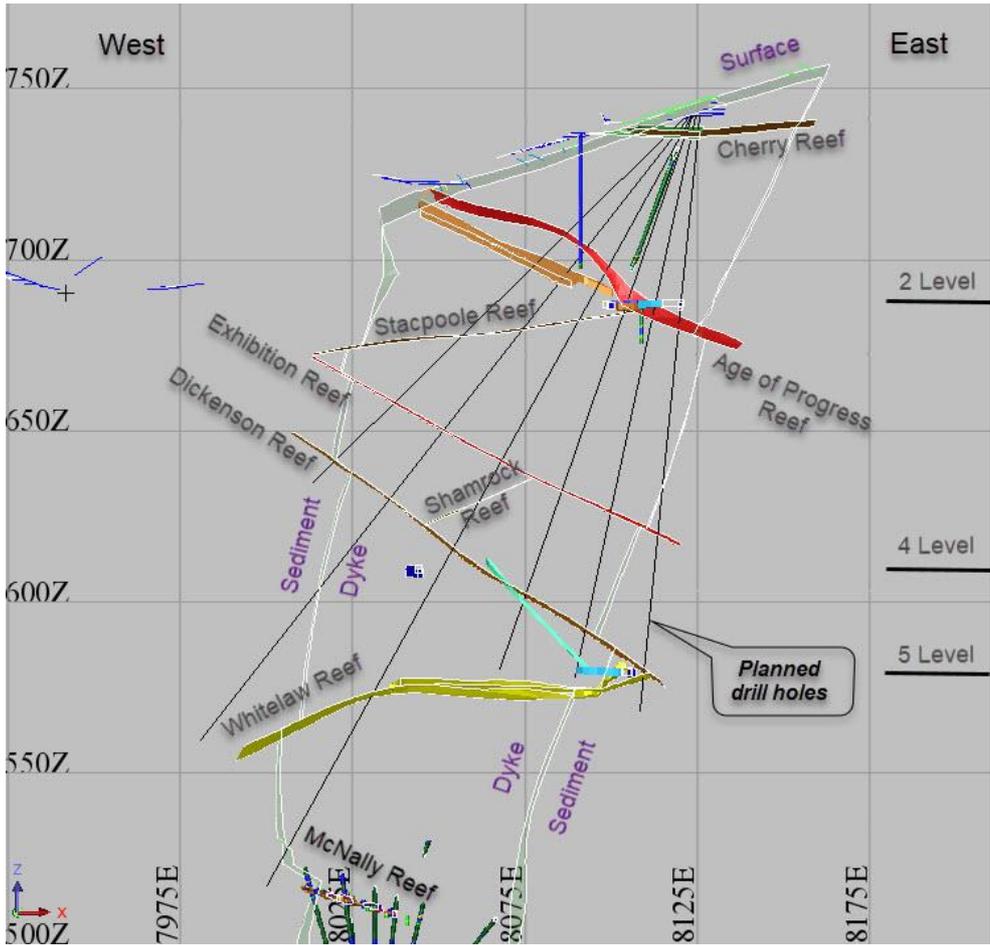
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<sup>1</sup> Refer AuStar ASX Announcement 23<sup>rd</sup> November 2020 "Morning Star Mine: Production and Geology Update".

<sup>3</sup> Refer Department of Primary Industries "Walhalla-Woods Point-Tallangalook Special map area geological report, Geoscience Victoria", Geological Survey of Victoria Report 127, 2006.



**Figure 2:** Long section view looking west highlighting the Dickenson South target, the lack of previous drilling and the planned drilling of 3 drill hole rings (purple) to define the potential for high grade gold within the quartz reefs. The long section view shows the host dyke, historic stoping and mine development and all historic & current drill hole traces.



**Figure 3:** Cross section 12,850mN (20m window) looking north showing the design for Ring 1 of the planned drill holes that will test the Dickenson South Target area, from surface through to the Whitelaw Reef that was mined historically. Mineralised quartz reefs with significant potential include the Stacpoole, Exhibition, Shamrock and Dickenson Reefs.



**Photo 1:** Deepcore surface drill rig drilling the first exploration hole into the Dickenson South target area on Ring 1 at the Morning Star gold mine.

This announcement has been authorised for release by the board.

### **Competent Persons Statement**

*The information in this report that relates to exploration results is based on information compiled by Mr Rohan Worland who is a Member of the Australian Institute of Geoscientists and is a consultant to White Rock Minerals Ltd. Mr Worland has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to 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, Mineral Resources and Ore Reserves'. Mr Worland consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.*

### **No New Information or Data**

This announcement contains references to exploration results and Mineral Resource estimates, all of which have been cross-referenced to previous market announcements by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

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## About White Rock Minerals

White Rock Minerals is an ASX listed explorer and near-stage gold producer with three key assets:

- **Woods Point** – New asset: Victorian gold project. Bringing new strategy and capital to a large 670km<sup>2</sup> exploration land package and high-grade gold mine (past production >800,000oz @ 26g/t).
- **Red Mountain / Last Chance** – Key Asset: Globally significant zinc–silver VMS polymetallic and IRGS gold project. Alaska – Tier 1 jurisdiction.
- **Mt Carrington** – Near-term Production Asset: JORC resources for gold and silver, on ML with a PFS and existing infrastructure, with the EIS and DFS being advanced by JV partner.

