

DRILLING COMMENCED AT HORSE HEAVEN PROJECT

Drilling has commenced at the Horse Heaven Gold-Antimony-Tungsten Project in Idaho, U.S., directly adjacent to the Perpetua Resources Corp. (PPTA.NAS, A\$3 billion market cap) Stibnite Gold Mine.

The Horse Heaven Project has strong gold, antimony, tungsten and silver mineralisation in two known highly prospective mineralised corridors, and further potential in several emerging targets that include past-producing antimony and tungsten mines.

Highlights

- ▶ Resolution Minerals Ltd has **commenced Phase 1 of its Horse Heaven Gold-Antimony-Tungsten Project (“Horse Heaven”) drill program** following the recent appointment of drill contractor Evolve, completion of project bonding and receipt of a final U.S. Forest Service Decision Notice.
- ▶ Phase 1 drilling at the Horse Heaven Project involves **3,000 metres of diamond core drilling** over approximately 9 holes with an **average target depth of 300 metres per hole**, with potential to expand the drill program to 6,000 metres.
- ▶ The key objective of the Phase 1 drill program at Horse Heaven is to **confirm historic shallow drilling** at Golden Gate and **test mineralisation at depth and along strike**, which remains open-ended at depth, laterally and on strike, and **assay for antimony and tungsten**, which were not sampled in prior drilling.
- ▶ **Antimony was produced at Horse Heaven** during World War I, World War II, and the Korean War, highlighting the Project's strategic significance as a potential source of military-grade antimony to the U.S. Government during periods of global conflict.
- ▶ The U.S. currently has no domestic antimony production and is 100% reliant on imports, making Horse Heaven strategically **very well positioned to potentially address the long-term antimony supply** shortage if progressed through to production.
- ▶ Highlight past drilling results at Horse Heaven (Appendix B) include drill intersections of:
 - Drill hole 87-GGR-31: **85.34m @ 0.937g/t Au** (true width unknown), incl 38.10m @ 1.459g/t Au
 - Drill hole 86-GGR-10: **105.16m @ 0.787g/t Au** (true width unknown); incl 51.82m @ 0.990g/t Au
 - Drill hole 86-GGR-01: **30.48m @ 1.354g/t Au** (true width unknown).
- ▶ The Horse Heaven Project is a deposit analogue to the adjacent NASDAQ-listed Perpetua Resources Corp (PPTA.NAS, ~A\$3 billion market cap) owned Stibnite Gold Mine.
- ▶ RML intends to initiate environmental baseline surveys to support the filing of a new Plan of Operation to conduct drilling activities with a larger footprint at Horse Heaven, which will include expanded drilling at Golden Gate and initial drilling at Antimony Ridge and potentially other emerging targets.
- ▶ In support of RML's efforts to introduce Horse Heaven to the U.S. Government, expedite permitting approvals and secure various U.S. federal government programs and incentives in connection with the exploration and development of the Horse Heaven critical metals project, the Company has engaged Thorn Run Partners (“Thorn Run”) and Clewett Global Services.
- ▶ OTCQB listing is expected imminently.

Details

Resolution Minerals Ltd (“**RML**”, “**Resolution**” or the “**Company**”) (**ASX: RML**) is pleased to provide the following update on planned work in connection with the Horse Heaven Antimony-Tungsten-Gold Project located in Idaho, U.S. (Figure 1).

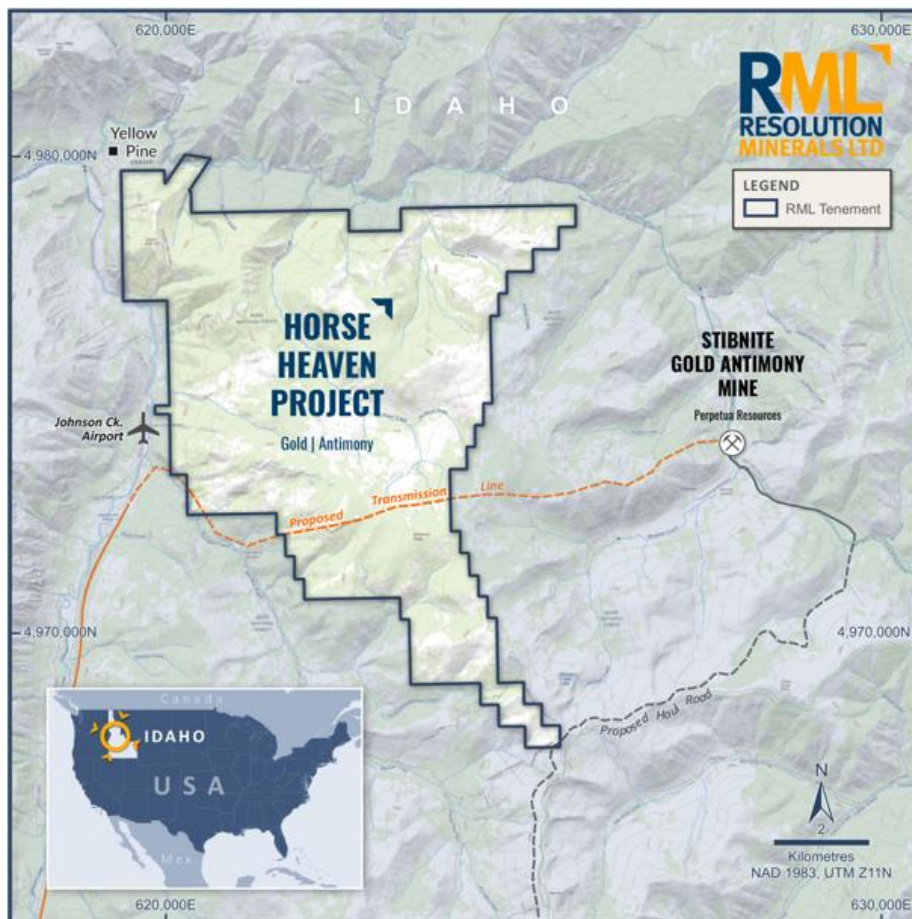


Figure 1: Location plan of the Horse Heaven Project. Note that the coordinates are a metres north and east metric system (not latitude/longitude) centric to this part of North America.

Horse Heaven Phase 1 Drilling

Resolution is pleased to announce that it has appointed Evolve Exploration Ltd. (“**Evolve**”) to conduct core drilling at its Horse Heaven Antimony-Tungsten-Gold Project located in Idaho, USA. Evolve has mobilised a diamond core drill rig to the site and has initiated drilling. The Phase 1 drill program will total up to 6,000 metres over up to 20 holes with an average target depth of 300 metres per hole. As previously announced, the Phase 1 program will be conducted on an existing road at the Golden Gate target and will primarily be focused on gold and tungsten; the Company also hopes to intercept an antimony anomaly that runs parallel to known gold mineralisation at Golden Gate. The drilling program will utilise exploration best-practices with a view to limit the program’s environmental footprint, maintain the highest level of safety and ensure compliance with the exploration permit.

To initiate the program, Evolve will utilise a man-portable modular HQ diamond core drill rig to drill approximately 3,000 metres. Additional drilling is subject to securing a second drill rig, and drilling will be

complete by early October 2025. Resolution is evaluating various options for either a core or reverse circulation drill rig to help complete the planned program, and will update the market accordingly. The Phase 1 drill program follows closely on the ongoing mapping and sampling program currently underway at Golden Gate, Antimony Ridge and Vibika Creek.

Additionally, Resolution is evaluating a potential stream sediment sampling program to be completed in September and October 2025 to the east of Golden Gate to conduct an initial review of targeting drill targets at an as yet unnamed target associated with horizontal lying roof pendants located adjacent to the projected intrusion that is believed to drive mineralisation at both Horse Heaven and the adjacent Stibnite Project operated by Perpetua Resources Corp. (NASDAQ/TSX:PPTA).

Environmental Baseline Studies

Separately, Resolution intends to initiate environmental baseline surveys to support the filing of a new Plan of Operation to conduct drilling activities with a larger footprint at Horse Heaven, which will include expanded drilling at Golden Gate and initial drilling at Antimony Creek and potentially other emerging targets. Work to be conducted will comprise a broad range of activities, including water quality/quantity monitoring, vegetation surveys, riparian habitat studies, migratory bird, archaeological surveys and other similar resource studies. The next Plan of Operation will be designed to support the use of an Environmental Assessment, or “EA” review, which will allow for an expanded level of surface disturbance, including upgrading the existing road network, and the construction of new drill roads.

Engagement of Additional Government Relations Support

To support Resolution’s efforts to introduce Horse Heaven to the U.S. Government and secure U.S. federal government incentives in connection with the exploration and development of the Horse Heaven critical metals project, the Company has engaged Thorn Run Partners (“**Thorn Run**”). Thorn Run is a well-regarded, full-service, 45+ person government relations, policy and strategic communications firm with offices in Washington, DC, Portland, Oregon, and Los Angeles. It has been recognised as a Top 10 government relations firm by respected publications including Politico, Roll Call, the Hill, Congressional Quarterly, and Bloomberg, consistently ranking among the nation’s most creative and effective government relations companies. Thorn Run will lead Resolution’s government relations efforts, and will be supported by Mr. Todd Clewett, whose engagement was previously announced by Resolution.

2025-08-08_HH Drill Plan

- 20250808_Updated Drill Program
 - Drill_Plan_Pads
 - Section_Lines_123m
- Basemaps
- Contours_10m entities
 - Drilling_Collars

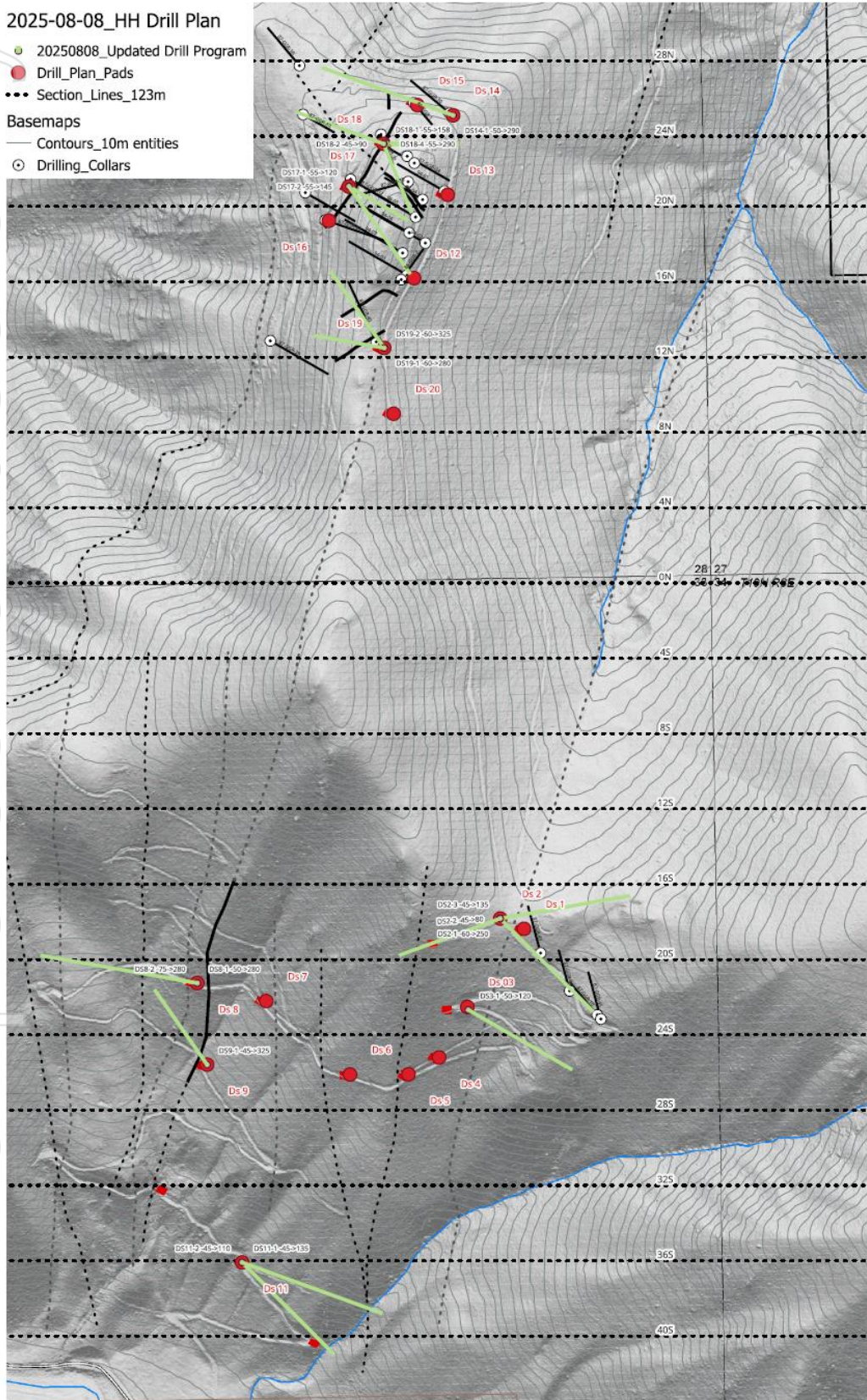


Figure 2: Drill hole location plan of past drillholes at Golden Gate with planned new drillholes. The plan shows past drill hole locations, with colour coded bars for gold mineralisation, where red represents gold mineralisation greater than 2g/t Au.

RML's CEO of U.S. Operations, Craig Lindsay, commented:

"Drilling is now underway. This is an important milestone for Resolution and we are pleased with progress. This would not be possible without the welcome support of the local town of Yellow Pine and the US Forest Service as we move forward with developing the next source of critical metals to meet the United States' growing domestic demand."

Authorised for release by the board of Resolution Minerals Ltd.

For further information, please contact:

Aharon Zaetz

Executive Director

Resolution Minerals Ltd

M: +61 424 743 098

ari@resolutionminerals.com

Jane Morgan

Investor & Media Relations Manager

Resolution Minerals Ltd

M: + 61 405 555 618

jm@janemorganmanagement.com.au

Follow us:

Website: www.resolutionminerals.com

LinkedIn: @Resolution Minerals

X: @Resolution_LTD

Forward Looking Statements

This announcement may contain forward-looking statements. These statements relate to the Company's expectations, beliefs, intentions or strategies regarding the future. These statements can be identified by the use of words like "anticipate", "believe", "intend", "estimate", "expect", "may", "plan", "project", "will", "should", "seek" and similar words or expressions containing same. These forward-looking statements reflect the Company's views and assumptions with respect to future events as of the date of this release and are subject to a variety of unpredictable risks, uncertainties, and other unknowns. Actual and future results and trends could differ materially from those set forth in such statements due to various factors, many of which are beyond our ability to control or predict. These include, but are not limited to, risks or uncertainties associated with the acquisition and divestment of projects, joint venture and other contractual risks, metal prices, exploration, development and operating risks, competition, production risks, sovereign risks, regulatory risks including environmental regulation and liability and potential title disputes, availability and terms of capital and general economic and business conditions.

Given these uncertainties, no one should place undue reliance on any forward-looking statements attributable to the Company, or any of its affiliates or persons acting on its behalf. Subject to any continuing obligations under applicable law, the Company disclaims any obligation or undertaking to disseminate any updates or revisions to any forward looking statements in this announcement to reflect any change in expectations in relation to any forward looking statements or any change in events, conditions or circumstances on which any such statement is based.

The Company confirms it is not aware of any new information or data that materially affects the information cross referenced in this announcement and further "Agreement to Acquire Major US Antimony Project and Placement" on 11 June 2025. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcements.