Resolution Minerals Ltd: Gold and Significant Tungsten Mineralisation in Drilling

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Adelaide, Australia - Resolution Minerals Ltd. (ASX:RML) (FRA:NC3) (OTCMKTS:RLMLF) announced that its shallow reverse circulation (RC) drilling program at the Golden Gate Fault Zone on its 100%-owned Horse Heaven Gold-Antimony-Tungsten-Silver Project ("Horse Heaven" or the "Project"), Idaho, USA (Figure 1*) have encountered broad intervals of near-surface gold mineralisation, ending in mineralisation, and a significant tungsten intercept.

HIGHLIGHTS

Further gold (Au) mineralisation and significant tungsten (W) mineralisation identified in final assay results of last of the 2025 drill holes, HH-GG25-011R, HH-GG25-012R, HH-GG25-013R HH-GG25-014R, and HH-GG25-006C.

Reverse circulation (RC) drill hole HH-GG25-012R:

o Down hole interval of 8m at 0.14% W from 79.3m within:

- Down hole interval of 21m at 0.06% W from 70.1m.

o Down hole interval of 99m at 0.23g/t Au from surface; including:

- 20m at 0.35g/t Au from 0m; and
- 9.1m at 0.65g/t Au from 89.9m.

o HH-GG25-012R ended in gold mineralisation, 0.80g/t Au over 1.5m.

RC drill hole HH-GG25-013R:

o Entire hole with down hole interval of 99.1m hosts gold mineralisation at 0.38g/t Au from 0m; including:

- 9.1m @ 0.54 g/t Au.

o HH-GG25-013R ended in gold mineralisation.

Diamond core hole HH-GG25-006C:

o Down hole interval of 103.5m at 0.37/t Au from 0m; and
o Down hole interval 133.7m at 0.55 g/t Au from 376.5m; including:
- 15.6m @ 1.10 g/t Au from 166.7m.

Near-top to bottom mineralisation in core hole HH-GG25-006C.
Near-top to bottom mineralisation in RC hole HHGG25-011R.
Near-top to bottom mineralisation in RC hole HHGG25-014R.

Latest drill results at the Golden Gate North confirms gold potential and now identifies gold-tungsten potential.

The Company to redouble its efforts in rapidly advancing: the Golden Gate North gold deposit (with associated tungsten); and the Golden Gate South Prospect.

RML's CEO of US Operations, Craig Lindsay, commented on the latest drilling results:

"The drilling accomplished at the Horse Heaven Project in our first season was exceptional. We have encountered gold discoveries at both the north and south ends of the Golden Gate Prospect, which is now emerging as a district-scale discovery. We are very excited about the potential to significantly grow both gold and tungsten mineralization. Golden Gate is only in early days and is emerging into what we feel is a very large gold deposit."

RML's Executive Director, Aharon Zaetz, commented on the significance of all drilling results:

"It is sometimes difficult to comprehend but immensely pleasing to consider the fact that every hole drilled by us at Golden Gate intercepted significant intervals of gold mineralisation. From our first hole HH-GG25-001C to our last hole HH-GG25-014R. It is easy to conclude that the 2025 drilling campaign has resulted in a major gold discovery, currently open ended in all directions.

It is a gold discovery totally in keeping with the intrusive related, shear-hosted gold exploration model we have for the original Golden Gate Fault Zone, and it is a credit to our technical team for recognising such potential. The fast-approaching 2026 drilling campaign will seek to define a maiden resource at Golden Gate."

Trial 2025 Reverse Circulation Program

As part of the 2025 Golden Gate drilling program, Resolution undertook a trial RC drilling program with three main objectives: i) To test the occurrence of near surface mineralisation in areas that required immediate validation within the broader Golden Gate Fault Zone (GGFZ); ii) to test the depth and flow strength/rates of the water table (for to initial basic hydrogeological data); and iii) to test the use of RC drilling as a method of quickly obtaining inter alia, sub-surface geological and assay data (quicker and less expensively than diamond core drilling).

The RC program completed three holes HH-GG25-011R, HH-GG25-012R, HH-GG25-013R at Golden Gate North, and one hole, HH-GG25-014R, at Golden Gate South (Figure 2*). All holes intercepted significant gold mineralisation. Tungsten mineralisation was intercepted in one hole of this RC program.

All holes were stopped at the water table. Important hydrogeological studies at the broader Golden Gate Prospect will assist drill planning and potential mine development at Golden Gate North and Golden Gate South.

Significant drill intercepts (all down hole) include:

HH-GG25-011R: The entire down hole interval of the hole (50.3m) at 0.13g/t Au;

HH-GG25-012R: The entire down hole interval of the hole (99.1m) at 0.23g/t Au; including:

o 9m @ 0.63g/t Au and 20m at 0.35g/t Au; and
o 21m @ 0.06% W including 8m at 0.14% W.

HH-GG25-013R: The entire down hole interval of the hole (99.1m) at 0.38g/t Au, including 9.1m at 0.54g/t Au; and

HH-GG25-014R: Anomalous gold throughout the hole with low grade intervals including 9.1m at 0.35g/t Au.

Each hole is discussed in further detail below. The complete set of drill hole assay data (gold, silver, antimony and tungsten) for all four holes is provided in assay tables as Appendix A.

2025 Diamond Core Program

Receipt of assay results for diamond core drill hole HH-GG25-006C signifies the completion [and by this announcement, the reporting] of the 2025 diamond core drill program. All ten holes of this program (including nine holes previously reported to the market) have intercepted significant gold mineralisation.

The broad mineralised intersections of these holes include:

HH-GG25-001C: 197.5m @ 1.26g/t gold from 34.0m (open ended);
HH-GG25-002C: 265.2m @ 0.60g/t gold from surface (open ended);
HH-GG25-003C: 253.0m @ 1.50g/t gold from surface (open ended);
HH-GG25-004C: 240.8m @ 0.64g/t gold from surface (open ended);
HH-GG25-005C: 283.5m @ 0.36g/t gold from surface (open ended);
HH-GG25-006C: 133.7m at 0.55g/t Au from 376.5m (open ended); this announcement
HH-GG25-007C: 207.2m @ 0.42g/t gold from surface;
HH-GG25-008C: 71.6m @ 0.11g/t gold from 275m (open ended);
HH-GG25-009C: 172.2m @ 0.46g/t Au gold from surface; and
HH-GG25-010C: 225.5m @ 0.14 g/t Au, from surface (open ended).

Importance of Results

The exploration results reported in this announcement for RC drill holes HH-GG25-011R, HH-GG25-012R, HH-GG25-013R and HH-GG25-014, and for diamond core drill hole HH-GG25-006C, represent the final reporting of RML's drilling campaign completed in 2025. Pleasingly, all of drill holes HH-GG25-011R, HH-GG25-012R, HH-GG25-013R, HH-GG25-014, and HH-GG25-006C identified broad intervals of gold mineralisation with significant tungsten mineralisation also identified in HH-GG25-012R.

New Gold Discoveries

Two gold deposits have been discovered at the Golden Gate Fault Zone Prospect, Golden Gate North and Golden Gate South. More surface exploration (mapping and sampling) and drilling is required to determine whether Golden Gate North and Golden Gate South join to form a continuous single deposit, or whether the individual deposits are fault-offset or represent two parallel gold deposits (Figure 8*).

Open Ended Mineralisation

All RML 2025 drill holes at both Golden Gate North and Golden Gate South either host open ended gold mineralisation at depth or possess gold mineralisation close to the end of the hole.

Notwithstanding the unresolved question as to whether Golden Gate North and Golden Gate South form a continuous single deposit, the "combined" gold deposit is open ended in all directions; along strike to the northeast and southwest (the orientation of the controlling shear zone); across strike to the northwest and southeast; and at depth below the current depth of holes).

With significant gold mineralisation in all drilling covering a strike length of 1,500m and a width of 300m, the Golden Gate North and Golden Gate South gold "envelope" is already very large.

Golden Gate Exploration Model

At prospect-scale, the Golden Gate Fault zone exhibits a very close spatial association between the gold mineralisation at Golden Gate North and Golden Gate South and the northeast-southwest faults(Figure 2* and Figure 8*). The largely northeast-southwest oriented faults also appear to control local geology and alteration.

Whilst further drilling is required to determine whether the mineralisation at Golden Gate North and Golden Gate South is continuous or forms two parallel or offset systems (Figure 8*), the broader gold "envelope" (as described immediately above) is entirely consistent with the Company's exploration model for the Golden Gate Fault Zone, an Intrusive-related Gold (IRG) Deposit (Figure 9*).

It is concluded that the gold mineralisation at Golden Gate North and Golden Gate South represents a sheared granite-hosted, fault-controlled disseminated Au-[Ag-W] IRG deposit. By extension, it is also concluded that Golden Gate North and Golden Gate South share similarities with Perpetua Resources' adjacent Stibnite Gold Mine.

Next Steps

The Company's 2025 drill program at Golden Gate is complete, with no further assay results and other drill hole related data pending.

The focus for Resolution in the 2026 drilling program at Golden Gate is to continue to define the size and shape of the Golden Gate North and Golden Gate South gold deposits. Under its current drill permit, work will comprise a combination of diamond core and RC holes and will focus as follows:

Along strike extensions between Golden Gate North and Golden Gate South;
Along strike northeast extensions from Golden Gate North;
Along strike southwest extensions from Golden Gate South; and
Depth extensions below Golden Gate North and Golden Gate.

Additionally, RML plans to file a new Plan of Operation which will allow for significantly larger drill footprint, including re-opening historic roads and buildings several new roads, to allow for coverage across the entire projected length of the Golden Gate Fault Zone.

The Company is also filing a separate Plan of Operation for work at Antimony Ridge, which will include both drilling and bulk sampling of near-surface high-grade Sb mineralisation.

Metallurgical testing is ongoing and will be ramped up in accordance with drilling milestones.

*To view tables and figures, please visit:

https://abnnewswire.net/lnk/895X9O8V

About Resolution Minerals Ltd:

Resolution Minerals Ltd (ASX:RML) (OTCMKTS:RLMLF) (FRA:NC3) is a mineral exploration company engaged in the acquisition, exploration and development of precious and battery metals - such as antimony, gold, copper, and uranium.

Resolution Minerals Ltd Listed on the ASX in 2017 and has a broad portfolio of assets, such as the Drake East Antimony-Gold Project in north-eastern NSW and George Project prospective for silica sand and uranium.

Source:
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