

Resolution Minerals Ltd: New Gold Discovery at Golden Gate South

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Adelaide, Australia - [Resolution Minerals Ltd.](#) (ASX:RML) (FRA:NC3) (OTCMKTS:RLMLF) announced that two of the three holes drilled at the southern end of 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. This result heralds a gold discovery at the Golden Gate South Prospect, south of the first gold discovery at Golden Gate North.

HIGHLIGHTS

New gold discovery at Golden Gate South confirms a second mineralised shear zone, expanding the Golden Gate system beyond the established Golden Gate North deposit.

Discovery hole HH-GG25-009C, intersected a downhole interval of 172.2m @ 0.463 g/t Au, including 27.6m @ 0.89 g/t Au with a high of 3.3 g/t over 1.5m, and ended in mineralisation.

Diamond hole HH-GG25-010C intersected a top to bottom downhole interval of 225.5m @ 0.14 g/t Au, from surface to end of hole, confirming broad, near-surface mineralisation.

All reported holes ended in mineralisation, highlighting potential for extensions at depth.

Near-surface tungsten mineralisation intersected in multiple shallow veins, reinforcing multi-commodity upside.

The first significant near surface discovery at Golden Gate North included drill hole intervals of 189.2m @ 1.3 g/t gold (Hole HH-GG25-001C) and 253m @ 1.5 g/t gold (Hole HH-GG25-003C), also with mineralisation open at depth.

Golden Gate North and Golden Gate South mineralisation now extends over 1.5km strike length.

The 100%-owned Horse Heaven Gold-Antimony-Tungsten-Silver Project is located in Idaho, USA, a tier-one mining jurisdiction, immediately adjacent to [Perpetua Resources Corp.](#)'s Stibnite Gold Project.

RML's CEO of US Operations, Craig Lindsay, commented on the discovery:

"The discovery at Golden Gate South materially expands the Golden Gate gold system and confirms the presence of multiple mineralised shear zones over a substantial strike length. With mineralisation open in all directions and drilling returning broad, near-surface intercepts, Golden Gate is rapidly emerging as a highly significant gold discovery. The interval lengths and grades on holes assayed to date, and the fact that mineralisation continues over such a long strike length, make us very excited to continue drilling here and target establishment of a maiden JORC compliant mineral resource."

As part of its maiden 2025 Horse Heaven drill program Resolution drilled a total of three diamond core holes at Golden Gate South, totalling 887m (Table 1, Figure 2*). Holes HH-GG25-008C and HH-GG25-010C targeted gold anomalies identified from surface rock samples in a vein system collected along the Golden Gate access road and are associated with a CSAMT geophysical anomaly that follows the northern projection of a vein system. Hole HH-GG25-009C followed up on intercepts identified in historic holes 87-GGR-4, 87-GGR-10, and 87-GGR-45 associated with a low resistivity CSAMT anomaly.

Significant drilling intersections in HH-GG25-009C and HH-GG25-010C include:

HH-GG25-009C: 172.2m @ 0.464 g/t Au, including 27.6m @ 0.89 g/t Au; and

HH-GG25-010C: 225.5m @ 0.14 g/t Au.

Hole HH-GG25-008C: Intervals of anomalous mineralisation throughout its length, ended in mineralisation grading 0.91 g/t Au.

The complete set of drill hole assay data (gold, silver, antimony and tungsten) for all three holes is provided in assay tables as Appendix A*.

Importance of Results

The identification of gold mineralisation in first-pass core-drilling at the Golden Gate South Prospect is very significant. All reported holes host broad intervals of gold (in places with silver and tungsten) which in all holes is open ended at depth.

Seen in the context of the Golden Gate North gold deposit discovery (ASX announcements 28 October 2025; 3 November 2025, 10 November 2025 and 2 December 2025) 600m to the north, there is question as to whether Golden Gate North and Golden Gate South constitute a single very large deposit or two separate deposits (Figure 6*).

The total strike-length of Golden Gate North and Golden Gate South is approximately 1,500m. With no drilling between the southern-most hole of Golden Gate North (HH-GG25-005C) and the northernmost hole of Golden Gate South (HH-GG25-008C) there is limited surface evidence that the two form one deposit, nevertheless, important observations can be made germane to mineralisation:

The strong gold-sulphide association with pyrite, arsenian pyrite and arsenopyrite supports a shear-zone hosted style of mineralisation within an intrusive rock setting. Shear zone-related mineralisation commonly comprises multiple parallel gold deposits;

Both Golden Gate North and Golden Gate South are topographic high "ridge-top" features. The two prospects are connected by a prominent ridge (Figure 2*). The topographic evidence suggests that the Golden Gate North and Golden Gate South prospects form an s-shaped single deposit (Figure 6*), irrespective of the fact that they are both shear-related.

At a prospect-scale, there is a very close spatial association between the gold mineralisation at Golden Gate North and Golden Gate South and the northeast-southwest faults (Figure 2*). The faults also appear to control local geology and alteration. Further drilling is required to determine whether the mineralisation at Golden Gate North and Golden Gate South is continuous or forms two parallel gold systems or structurally offset by right lateral faulting along the Johnson Creek - Golden Gate Shear Zone (Figure 6*).

Next Steps at Golden Gate

The Golden Gate Prospect, now hosting the Golden Gate North Gold deposit and the emerging Golden Gate South Prospect, is fast becoming a very significant, near surface gold discovery.

The northeast-southwest strike-length of the combined Golden Gate North and Golden Gate South gold prospects is approximately 1.5km. Mineralisation remains open long strike and at depth. In addition, across-strike, or lateral repeats of the mineralisation is possible, as indicated by the juxtaposition of Golden Gate North and Golden Gate South with repeating northeast-southwest faults.

Results for HH-GG25-006C and the three reverse circulation drill holes that were drilled late in the 2025 field season at Golden Gate North will be released to the market as soon as they are available.

As a result of tremendously successful maiden drill program at Golden Gate, Resolution is planning a significant up-scaled drill program at Golden Gate beginning as early as May, with drilling to focus on expansion of the gold discoveries at both Golden Gate North and Golden Gate South.

The Company expects to be in a position to commission a maiden JORC mineral resource estimate at Golden Gate North following the conclusion of the planned 2026 drill program.

Additionally, drilling will test for tungsten mineralisation in an area adjacent to the historic Golden Gate Tungsten Mine (which last operated in 1980) as well as to the south along the Golden Gate Fault, where a tungsten anomaly has been identified via an extensive soil sampling program.

All drilling planned in 2026 will be under an existing drill permit. However, Resolution is planning to significantly broaden its exploration footprint at Golden Gate via a new exploration permit that will allow for drilling over a significantly expanded area, utilising both new roads and the re-opening of closed roads.

Additionally, the Company has submitted samples from the 2026 Golden Gate drill program for initial metallurgical testing.

*To view tables and figures, please visit:
<https://abnnewswire.net/lnk/1K5ZI6IH>

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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