

QUARTERLY ACTIVITIES REPORT

March 2024

HIGHLIGHTS

DEVILS CANYON GOLD/COPPER PROJECT – Nevada USA

- A review of the project geology, surface geochemistry and previous exploration work including results of the drilling is continuing. The review includes an investigation of the potential use of geophysics to detect deeper sulphide accumulations.

LONE PINE GOLD PROJECT – Idaho USA

- Geological review of the project geology, surface geochemistry and results of the drilling are continuing.
- Process continuing with USFS for approval of a 5-year (EA) permit at the project. Public consultation period completed during the quarter with no objections received.

CORPORATE

- Company continues to actively review additional project opportunities in line with corporate strategy.
- Sale of shares from unmarketable parcels completed.

Diablo Resources Ltd (ASX: DBO) continued exploration activities at its USA Projects during the quarter, located within some of the most prospective gold and base-metal regions globally (Figure 1).

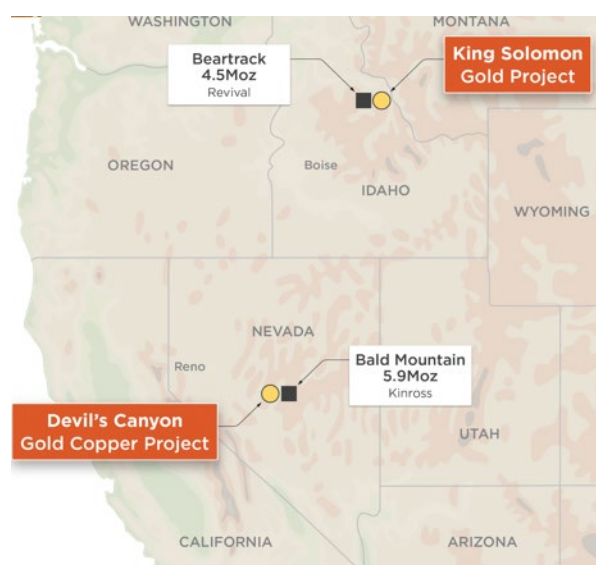


Figure 1- Project Location Map



DEVILS CANYON PROJECT

The Devil's Canyon Project consists of 90 mineral claims covering 6.56 km² located within the Carlin Trend, Nevada that has produced in excess of 195 million ounces of gold. It lies 20 km west of Kinross Gold Corporation's Bald Mountain Gold Mine and 40 km north of Barrick Gold Corporation's Ruby Hill Gold Mine (Figure 1).

A total of 10 RC holes for 855m were completed^{33,34} in September 2023 testing high grade geochemical anomalies at several prospect areas including Southside, Eastside and Ridgeline that surround a multiphase intrusive stock cut by major structures.

A number of significant Ag-Cu-Au downhole mineralised intersections were intersected in the drilling, most notably at Southside. Mineralization is hosted in skarn altered limestone and ferruginous sediment proximal to the multi-phase granitic stock. Sulphides including chalcopyrite, bornite and pyrite were noted in concentrations ranging up to 10% (total sulphide %) within the mineralised zones. Significant downhole drilling intersections are listed below:

Southside

- **1.5m @ 3.7 g/t Ag, 0.25 g/t Au, 1.10% Cu** from 7.5m in RCDC001
- **3.0m @ 2.29 g/t Au (incl. 1.5m @ 4.12 g/t Au)** from 50.3m in RCDC002
- **7.5m @ 16 g/t Ag, 0.75 g/t Au** from 57.9m in RCDC002
(incl. 1.5m @ 56 g/t Ag, 1.7 g/t Au, 1.0% Cu from 62.5m)
- **10.5m @ 12.5 g/t Ag, 0.43% Cu** from 54.9m RCDC005
- **1.5m @ 31.2 g/t Ag, 0.69 g/t Au, 0.65% Cu** from 41.6m in RCDC008
- **3.0m @ 91.2 g/t Ag, 1.39% Cu from 62.5m**
(incl. 1.5m @ 170 g/t Ag, 2.60% Cu from 64m)

Ridgeline

- **3.0m @ 3.02 g/t Au (incl. 1.5m @ 5.92 g/t Au)** from 9.0m in RCDC010

Mineralisation is zoned, with anomalous Zn to 0.3% occurring outside of the Ag-Cu-Au mineralised zone(s). These zones are associated with skarn and/or ferruginous sediment, with alteration minerals including garnet and actinolite observed as part of the alteration assemblage. Some silicification was also noted.

Other elevated elements including As, In, Mo, Bi, Mn, Se, Sb, Sn, W and Zn are associated with the mineralisation/alteration.

The Company is encouraged by these initial results at Devils Canyon, and is reviewing all exploration completed to date as well determining the use of geophysics to detect deeper sulphide accumulations, and potential drill targets.

KING SOLOMON PROJECT

The King Solomon Project is prospective for gold and comprises two Patented Mining Claims and a further 268 mineral claims covering an area of approximately 21.85 km². It is located 10 km west of Salmon in Lemhi County, Idaho.



The project contains precious metal occurrences including the Lone Pine Vein Zone and King Solomon Prospect spatially related to the Eocene age Trans-Challis Fault System.

The Company completed its first drill program at the Lone Pine Project in 2023³¹⁻³². A nine (9) hole program for 2108.5m of diamond core drilling (HQ₃) was completed at the LPVZ and King Solomon prospect areas, within the greater King Solomon Project. Multiple holes were completed from several drill pad locations due to the steep terrain.

The King Solomon Project (KS) hosts numerous shallow pits and three adits located 800m southeast of the Lone Pine Vein Zone (LPVZ). Following historical mapping and sampling in 1990, initial RC drilling (6 holes) was followed by a second round of RC drilling in 1992 targeting broad stockwork quartz veining in sericite-chlorite-tourmaline alteration zones in both granite and sediments.

The recent completed drilling has shown the orientation of geological contacts and lithologies vary considerably, being tightly folded in places and differing in part to that assumed by previous explorers. This may suggest that there is potential for several zones of mineralisation hosted by structures with varying orientations, with the mineralised quartz veins exploited in the historical adits being an example of one such trend. The gold mineralisation occurs in multiple zones hosted in highly altered (sericite chlorite-tourmaline) and ferruginised quartz veined zones in both metasediment and intrusive rocks. The mineralisation remains open in all directions.

A full review of the geology and interpreted structural controls to mineralisation at King Solomon and LPVS is continuing, and will aid greatly in the planning of future exploration programs.

Liaison with the USFS relating to the 5-year (EA) permit continued during the Quarter. This will allow drill access in 2024 field season onwards to the King Solomon Project. As part of the process, the USFS undertook the mandatory public review Period with no objections received. Submissions were received from state authorities which the USFS will review and incorporate into the permit conditions if applicable.

The Company will continue to work with the USFS to facilitate the granting of the permit as quickly as possible.

CORPORATE

The Company is actively reviewing potential new project opportunities in line with the corporate strategy.

On 8 November 2023, the Company established a share sale facility (Facility) for small holding shareholders (Small Holding Shareholders) owning unmarketable parcels of shares valued at less than \$500 in the Company (Unmarketable Parcels). The Facility closed on 28 December 2023 with the sale of shares held under this Facility completed.

A summary of the expenditure incurred on exploration activities, payments to related parties and tenements held are set out in the annexure to the Appendix 5B. No development or production activities were undertaken during the Quarter.

For further information please refer to the Appendix 5B.

The announcement has been authorised for release by the Board.

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Competent Persons Statement

The information in this announcement that relates to the Projects (including the information provided pursuant to ASX Listing Rules 5.12.2 to 5.12.7 (inclusive)) is based on, and fairly represents information compiled by Lyle Thorne who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM) and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity to 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. Thorne is an Employee of the Company and holds shares in the Company. Mr. Thorne consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

All parties have consented to the inclusion of their work for the purposes of this announcement. The interpretations and conclusions reached in this announcement are based on current geological theory and the best evidence available to the author at the time of writing. It is the nature of all scientific conclusions that they are founded on an assessment of probabilities and, however might be, they make no claim for absolute certainty. Any economic decisions which might be taken on the basis of interpretations or conclusions contained in this presentation will therefore carry an element of risk.

Future Performance

This announcement may contain certain forward-looking statements and opinion. Forward-looking statements, including projections, forecasts and estimates, are provided as a general guide only and should not be relied on as an indication or guarantee of future performance and involve known and unknown risks, uncertainties, assumptions, contingencies and other important factors, many of which are outside the control of the Company and which are subject to change without notice and could cause the actual results, performance or achievements of the Company to be materially different from the future results, performance or achievements expressed or implied by such statements. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward-looking statements or other forecast. Nothing contained in this announcement, nor any information made available to you is, or and shall be relied upon as, a promise, representation, warranty or guarantee as to the past, present or the future performance of Diablo.



About Diablo Resources Limited

Diablo is an Australian registered, USA-focused metals exploration and development company. The mineral assets of Diablo and its 100% owned subsidiaries comprise the Devil's Canyon Au-Cu-Ag Project located in Nevada, and the King Solomon Gold Project located in Idaho, all within the USA.



– Diablo Resources, United States of America (USA) project portfolio, located in the mining friendly states of Nevada and Idaho.

Both project areas have mineralisation at surface that require further exploration. Some prospect areas within the project areas appear to have only been lightly drilled or never been drill tested and present as priority targets.

The Company listed in October 2021 on the ASX and plans to progress its project portfolio through systematic and focussed exploration. The Company has an in-country management team with expertise in all aspects of exploration activities in the Western USA.



Previous ASX Announcements

1. ASX Announcement March 16, 2020, Acquisition of Western Desert Gold - Copper Project, Utah, USA, Hawkstone Mining Ltd
2. ASX Announcement July 3, 2021 –Hawkstone Mining Ltd 950% increase in Western Desert Copper-Gold Project.
3. Barrick Gold Corporation, 2020. Annual Report 2020. www.barrick.com
4. New Placer Dome, 2021. Kingsley Mountain Project. www.newplacerdome.com
5. West Kirkland Mining Inc, 2012. West Kirkland Files TUG Resource Estimate on SEDAR. 16 July 2012
6. Rio Tinto, 2021. Increase in Mineral Resource at Kennecott Copper operation following mine life extension studies. ASX Announcement, 17 February 2021.
7. ASX Announcement Oct 7, 2020, Acquisition of Carlin Trend Gold Project, Hawkstone Mining Ltd
8. ASX Announcement Oct 23, 2020, Hawkstone Mining Ltd. Target A1 Identified Over 92.2 g/t Gold Rock Chip Sample at Devil's Canyon Gold Project
9. ASX Announcement Dec 2, 2020, Hawkstone Mining Ltd. High Grade Gold and Copper Results at Devil's Canyon Gold Project, Nevada
10. ASX Announcement Feb 1, 2021, Hawkstone Mining Ltd. Devil's Canyon Gold Project High Grade Assays to 191.5 g/t Gold
11. ASX Announcement Feb 3, 2020, Hawkstone Mining Ltd. Acquisition of Historical High Grade Lone Pine Project
12. ASX Announcement June 18, 2020. Hawkstone Mining Ltd. Maiden Drill Programme to Commence at Lone Pine Gold Project.
13. ASX Announcement. Hawkstone Mining Ltd. July 1, 2020. Acquisition of King Solomon Mine Adjacent to Lone Pine Gold Project.
14. ASX Announcement. Hawkstone Mining Ltd. July 13, 2020. Lone Pine Project Exploration Update.
15. ASX Announcement. Hawkstone Mining Ltd. Aug 8, 2020. HWK Mobilised Larger Additional Rig to Lone Pine.
16. ASX Announcement. Hawkstone Mining Ltd. Aug 27, 2020. Completion of King Solomon Acquisition and Exploration Update.
17. Revival Gold Presentation Oct 5, 2020 (revival-gold.com)
18. ASX Announcement Nov 25, 2020, Hawkstone Mining Ltd Final Drill Results Confirm, Lone Pine High Grade Potential
19. ASX Announcement. Hawkstone Mining Ltd. 15/09/ 2020. Initial Drilling Confirms High Grade Mineralisation at the Lone Pine Gold Project.
20. ASX Announcement Dec 9, 2020, Hawkstone Mining Ltd High Grade Rock Chip samples up to 24.7 g/t identify further mineralised zones.
21. Diablo Resources Prospectus, <https://diabloresources.com.au/>
22. ASX Announcement Nov 22, 2021, Diablo Resources Ltd- Exploration Update
23. ASX Announcement Dec 9, 2021, Diablo Resources – Drilling commences at Western Desert Gold Copper Project
24. ASX Announcement May 5, 2022, Diablo Resources – Encouraging Results from Western Desert as wide zones intersected in first pass drilling.
25. ASX Announcement June 6, 2022, Diablo Resources – Exploration Update
26. ASX Announcement Aug 2, 2022, Diablo Resources – Exploration Update
27. ASX Announcement Oct, 12 2022, Highly Encouraging Results, Devils Canyon & Western Desert Projects
28. ASX Announcement June 6, 2023, Diablo Resources Exploration Update
29. ASX Announcement June 22, 2023, Diablo Resources – Drilling Commences at Lone Pine
30. ASX Announcement Aug 1, 2023, Diablo Resources Exploration Update
31. ASX Announcement Aug 28, 2023, Outstanding Drill Results Confirm new high-grade discovery in Idaho
32. ASX Announcement Sept 25, 2023, Diablo Resources - Further Significant Results- King Solomon
33. ASX Announcement Nov 2, 2023, Diablo Resources - Significant Results from Drilling Program- Devils Canyon
34. ASX Announcement Dec 13, 2023- Exploration Update

