

HIGH PRIORITY COPPER TARGETS IDENTIFIED (UPDATED)

HIGHLIGHTS

- Stateline Claim Block, part of the Company's 100% owned Phoenix Copper Project, is located southwest along strike from the currently producing 740Mlb Lisbon Valley Copper Mine (LVCC) within the world-class Lisbon Valley Mining District, Utah, Colorado, USA^{1,6}.
- **Four (4) High Priority Targets** considered prospective for sediment hosted copper mineralisation have been identified in the Stateline Claim Block.
- **Target 1** contains outcropping copper mineralisation 2km east of LVCC's Flying Diamond Copper Deposit². It presents as a priority drill target.
- Under **FAST-41** permitting process the present US government has recently approved ten mining projects in the pre-production phase including the Lone Wolf Deposit at LVCC, a 267Mlb copper resource operated by LVCC and lying ~5km NW of the Stateline Claim Block^{2,3}.
- The existing strong copper market is predicted to be poised for a bullish long-term trajectory, driven by the energy transition's escalating demand⁴.

NEXT STEPS

- Exploration is ongoing with mapping, stream sediment, soil and rock sampling programs in progress to prioritise targets for **drilling in quarter 3 of 2025**.

The Company's CEO Lyle Thorne commented,

*"Exploration on our 100% owned Phoenix Copper project is continuing to deliver exciting targets with the recently completed structural and geological interpretation identifying **four (4) high priority targets** in the Stateline Claim Block. Geological reconnaissance of **Target 1** located outcropping copper mineralisation along strike on the same structure hosting known copper deposits, confirming the success of the Company's exploration rationale.*

This work complements the previous targeting on the CC Claim Block increasing potential priority targets for the maiden drill program. Exploration is ongoing at CC and Stateline Claim Blocks with the aim of drill testing the most promising targets in quarter 3 of 2025."



Diablo Resources Ltd (ASX:DBO) is pleased to present the results of geological and structural targeting on its 100% of the Stateline Claim Block, part of the Phoenix Copper Project. The Project lies in a prolific copper producing region with the State of Utah that produced 700 Mlbs of copper in 2023, ranking it as the 2nd largest copper producing state in the USA⁶.

In April 2025, the Federal Permitting Improvement Steering Council (Permitting Council) identified ten critical mineral projects as FAST-41 Transparency Projects² on the Federal Permitting Dashboard. Inclusion on the Dashboard is intended to streamline approvals for qualifying projects by enhancing interagency coordination to facilitate a more efficient permitting process with increased transparency. The Lisbon Valley Copper mine is one of the ten. The LVCC submitted a Plan of Operations Modification to the Bureau of Land Management to expand open pit and beneficiation operations, including the Lone Wolf Deposit and to initiate the extraction of copper through a method of in-situ recover into an adjoining area. Additions would include a new open pit, waste rock storage area, process ponds, and in-situ recovery wells^{2,3,5}. As these changes take hold, companies like Diablo who are actively exploring copper projects in Utah's Lisbon Valley, are well-positioned in a shifting U.S. copper strategy.

OVERVIEW

The Stateline Claim Block is located in southwestern USA, approximately 70km southwest of Moab and straddling the Utah/Colorado border. Access is year-round utilizing sealed and maintained gravel roads.

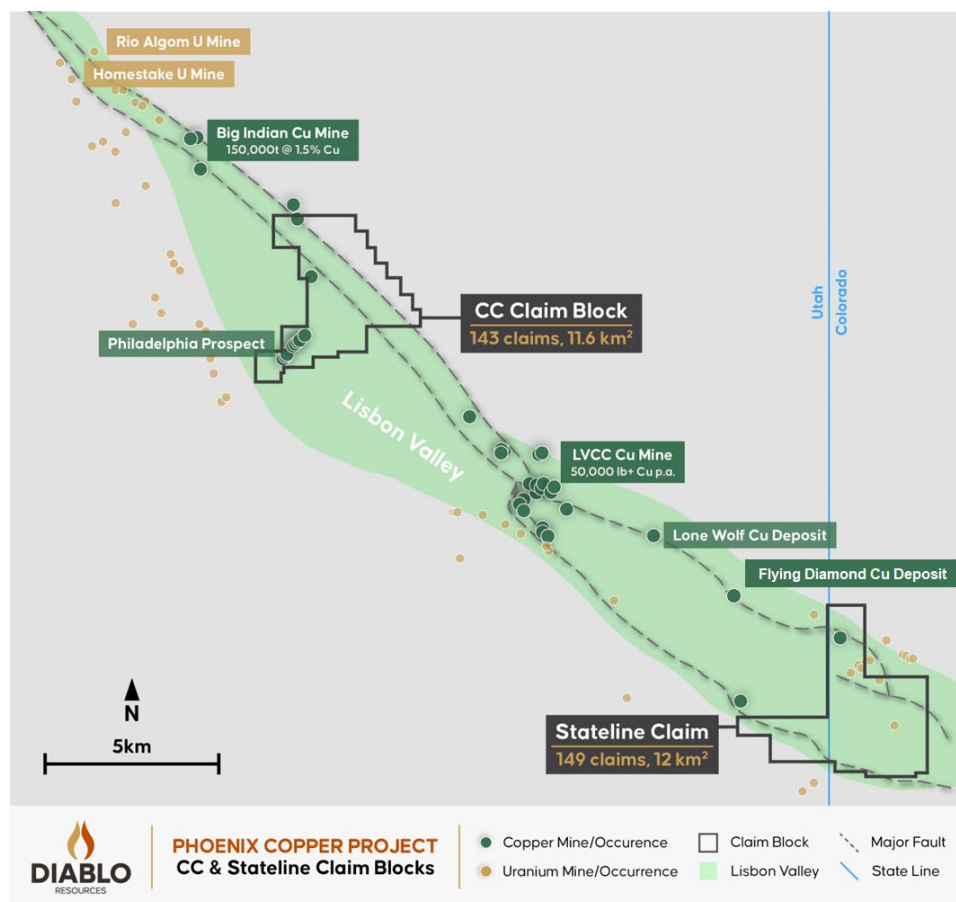


Figure 1 – Phoenix Copper Project – Location Plan



Little recent copper exploration has been completed within the project targeting known copper mineralisation in this highly mineralised district. The staked claim blocks were identified by the DBO team to host copper mineralisation on strike extensions and within the similar geological settings as being mined at the Lisbon Valley Copper Mine.

STATELINE CLAIM BLOCK

The **Stateline Claim Block** is located ~10 km southeast of the LVCC operations. It consists of 149 unpatented lode claims for 2,980 acres (12km²) staked on Bureau of Land Management (BLM) administered Federal lands (Figures 1 & 2).

Geological / Structural Interpretation and Targeting

The Stateline Claim Block covers the southeast portion of the Lisbon Valley localised on the southeastern limit of known copper mineralisation within the valley. The geology is defined by the regional bounding faults with the WNW trending Flying Diamond Fault (FDF) in the north of the claim block and a similar parallel fault in the south of the claim block.

The Flying Diamond Deposit lies on the northern bounding fault 2km west of the Stateline project boundary and the Lone Wolf Deposit a further 3km west on the same structure (Figures 1, 2 & 3).

The Lone Wolf Deposit has a published 60Mt resource containing 12.1Kt (267Mlbs) of recoverable copper⁵. No resource figures are publicly available for the Flying Diamond Deposit.

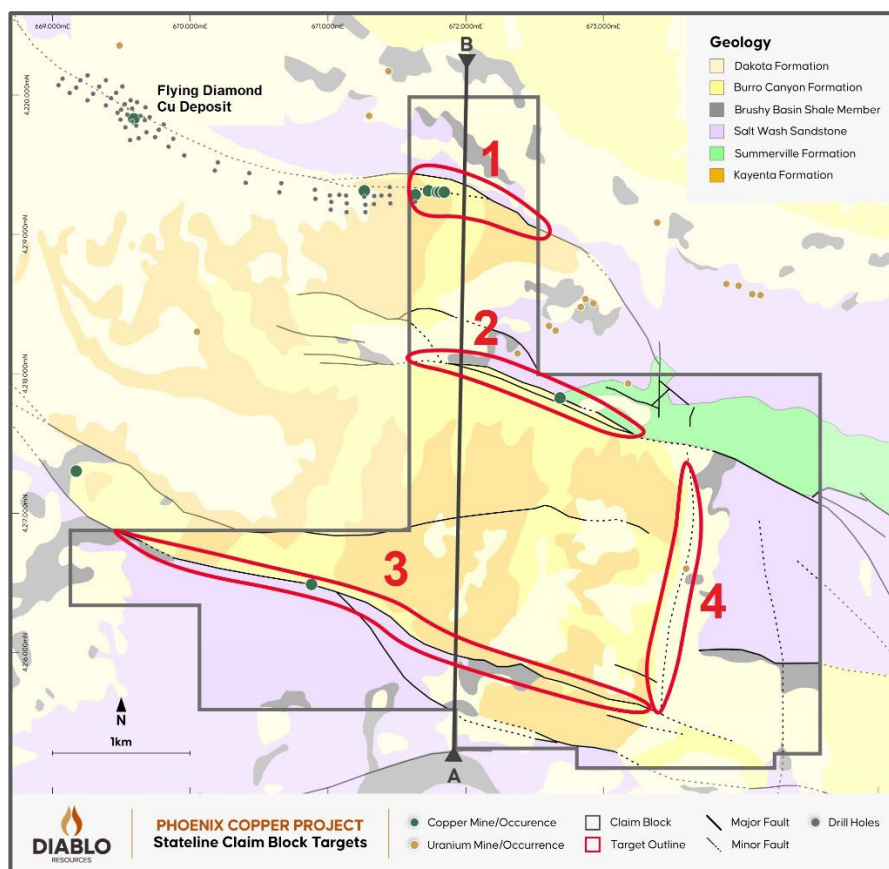


Figure 2 – Geological / Structural Interpretation and Targeting

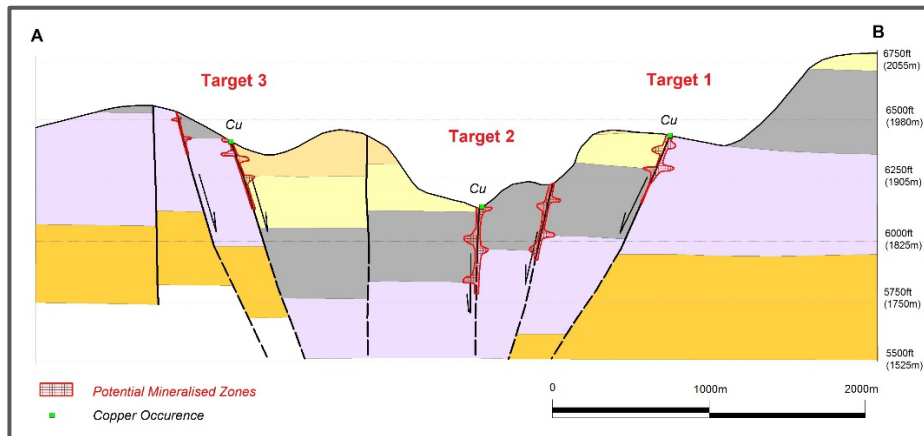


Figure 3 – Cross Section Stateline Claim Block, Looking West

Recently completed geological / structural interpretation on the Stateline Claim Block **identified 4 priority Targets** considered highly prospective for sediment hosted copper mineralisation (Figures 1, 2 & 3).

Targets in order of priority are summarized below:

Target 1: is located in the northern portion of the claim block, 2km east along strike from the Flying Diamond Deposit, and 5km east along strike from the Lone Wolf Deposit. Mineralisation in this area is closely associated with the northern valley bounding structure.

Recent geological mapping identified copper mineralisation (malachite) in sandstone and conglomerate associated with the fault. The mineralised material consists of fracture filled and disseminated malachite (with lesser azurite) with preliminary visual estimates ranging from minor/trace to approximately 2-5% (see Cautionary Statement below). It can be traced for over 100m before being obscured by scree (Figure 4). A total of 15 rock samples were collected and dispatched for analysis. Results are expected in 2-3 weeks.

In addition, drill holes (circa 2005) and remnant drill spoil containing fragments of copper mineralisation were observed near the western claim boundary, 100m west of the previously described copper mineralisation (Figure 3).





Figure 4 - Target 1, copper mineralised outcrop (photos left & centre). Sample ST-10 right. Mineralisation occurs as fracture fill/disseminations, with visual abundance estimated at 2 to 5% copper oxides (malachite, with lesser azurite)

Rock Sample Field Descriptions

sample	Easting	Northing	RL	Type	Estimated % Mineralisation*	Mineralisation Style
ST-01	671860	4219382	1944	Grab	1-3%	Fracture fill/Disseminated
ST-02	671854	4219358	1944	Grab	2-5%	Fracture fill/Disseminated
ST-03	671839	4219381	1937	Grab	1-3%	Fracture fill/Disseminated
ST-04	671841	4219383	1937	Grab	1-2%	Fracture fill
ST-05	671821	4219378	1940	Grab	2-5%	Disseminated
ST-06	671804	4219383	1935	Grab	1-2%	Disseminated
ST-07	671800	4219380	1936	Grab	1-3%	Fracture fill/Disseminated
ST-08	671782	4219385	1937	Grab	2-5%	Fracture fill
ST-09	671774	4219383	1936	Grab	1-3%	Fracture fill/Disseminated
ST-10	671794	4219374	1945	Grab	1-3%	Fracture fill/Disseminated
ST-11	671812	4219378	1943	Grab	1-3%	Disseminated
ST-12	671832	4219375	1942	Grab	1-3%	Disseminated
ST-13	671840	4219372	1945	Grab	2-5%	Disseminated
ST-14	671706	4219377	1937	Grab	Trace	Disseminated
ST-15	672001	4219300	1969	Grab	Trace	Disseminated

*- Visual estimate of copper minerals in %. Minerals observed are copper oxides, predominately malachite with lesser azurite, and are not an estimate of Cu%. Assay results for ST-01 to 15 are anticipated in 2-3 weeks.

CAUTIONARY NOTE

'Visual estimates of mineral abundance should never be considered a proxy or substitute for laboratory analyses where concentrations or grades are the factor of principal economic interest. Visual estimates also potentially provide no information regarding impurities or deleterious physical properties relevant to valuations.'

Target 2: covers a fault parallel to and 1,300m to the south of that described in Target 1. Minor malachite float was observed associated with the fault in altered sandstone and mudstones.

Target 3: covers the entire WSW trending basin margin fault, host to the GTO deposit 7km to the northwest currently in production at LVCC. Handheld XRF readings indicate anomalous copper readings associated with the fault.

Target 4: covers the interpreted southern strike extension of the northern bounding fault truncating the Dakota and Burro Canyon Formations to the east. The area is covered by recent alluvium/colluvium. A recorded adit, possibly used for uranium exploration lies near the interpreted fault.



EXPLORATION - NEXT STEPS

- Soil, stream sediment and rock sampling in conjunction with geological mapping is ongoing at the Phoenix Project, with sample results awaited.
- **The intent is to drill test priority targets in Q3 of 2025.**

-END-

This announcement has been authorised for release by the Board.

For more information visit diabloresources.com.au or contact:

Lyle Thorne
Chief Executive Officer
P: +08 6383 7837
Email : lt@diabloresources.com.au

Competent Persons Statement

The information in this announcement that relates to the Project (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.

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.

References -



1. <https://lisbonmine.com/operations-copper-resources/>
2. <https://natlawreview.com/article/key-observations-fast-41-transparency-projects-announced-permitting-council-april>
3. Plan of Operations: Lisbon Valley Mining Company. Lower Lisbon Valley Operations (UTU72499). April 2023. https://eplanning.blm.gov/public_projects/
4. <https://www.lme.com/en/metals/non-ferrous/lme-copper>
5. <https://www.permits.performance.gov/permitting-project/fast-41-transparency-projects/lisbon-valley-copper-project>
6. <https://worldpopulationreview.com/state-rankings/copper-production-by-state>

Previous ASX Announcements- Phoenix Copper Project

- Feb 19, 2025 - NEW HIGH-GRADE NEAR-MINE COPPER PROJECT, ASX Announcement, Diablo Resources Ltd
- Mar 17, 2025 - MULTIPLE PRIORITY TARGETS IDENTIFIED AT PHOENIX COPPER PROJECT, ASX Announcement , Diablo Resources Ltd

