

# Silver Hammer Mining Corp. Initiates Geological Analysis at Its 100% Owned High-Grade Eliza and Silverton Projects, Before 2026 Drill Season Commences

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[Silver Hammer Mining Corp.](#) (CSE: HAMR) (the "Company" or "Silver Hammer") is pleased to announce the commencement of an advanced second level data compilation of the completed property-wide geophysical and geological datasets on both the 100% owned Eliza Project ("Eliza") and the Silverton Project ("Silverton"), in advance of its 2026 Exploration Program.

"This data-driven approach, in partnership with in3D Geoscience Inc., will synthesize years of legacy data at our Eliza Project, which is comprised of over 250 line-km of heliborne magnetic and radiometric surveys, over 700 samples of multi-element soil geochemistry, and historical mine plans and data in preparation for the 2026 exploration drill season," commented Peter A. Ball, CEO of Silver Hammer Mining. "In addition, further analysis of our Silverton Project will be completed, which will include over 80 line-km of heliborne magnetic and radiometric surveys, over 100 samples of multi-element soil geochemistry, and historical mine plans and data. This will assist in creating additional predictive geological and exploration advanced models for both properties. As we await results from Silverton, the data compiled will add to the new geological information that will be gained from the Phase 1 preliminary drill program completed in December 2025."

The goals of this upcoming data integration project are to identify new high-probability targets of silver, gold and copper mineralization for detailed exploration efforts (see Figs. 1 and 4). In addition, the Company will look to refine the definition of mineralized zones and trends currently identified at Eliza and Silverton, to prioritize drill targets, to optimize exploration budgets, and to aid in the investigation of additional potential blind targets in areas below mapped alluvial cover.

Mr. Ball added, "The data fusion of the Company's geological database is expected to unlock the potential of the Eliza project, which is located on-trend, and less than two kilometres to the south of the renowned Treasure Hill Silver Area in the White Pine Mineral District Silver Belt, that yielded significant high-grade silver in the 1860s and 1870s. We also anticipate to fully evaluate the Silverton Project, which hosts silver and gold mineralized zones on the extreme west and east portions of the project area, with alluvial cover cloaking the zone in between. We expect the compilation program to greatly increase our confidence in the drill target selection for upcoming drill programs and exploration efforts."

## Overview of Eliza and Silverton for the Next Phase of Exploration

At the Eliza high-grade silver project, multiple old underground workings have been located along the Eberhart Fault on the north end of the project area from west to east, called the Belmont Mine, the Passynak Mine and the California Mine (see Fig. 1). On the western extension of the claims, the Commodore Mine is located. Initial interpretation of soil geochemistry and heliborne magnetics indicate a clear north-northeast trend to the Passynak structure, and on trend with the Treasure Hill historical mines in the White Pine Mining District Silver Belt.

Fig. 1 - Data Integration Goals, Eliza Silver Project.

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In the news release dated December 6, 2021, the Company reported high-grade assays from initial sampling

program at Eliza in Nevada around the Passynak workings, and returned the following selected high-grade results:

Table 1. Select geochemical data from 2021 sampling.

Sample ID	Ag (g/t)	Au (g/t)	As (ppm)	Cd (ppm)	Cu (ppm)	Mn (ppm)	Mo (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)
EZR007	1540	0.0976	10000	387	68800	14550	8.51	45700	512	73800
EZR008	1410	0.226	10000	762	54100	10950	40.5	90500	2930	26000
PN614025	450	0.41	20000	609	48900	13300	32.5	90400	2870	150000
PN614023	426	0.14	3450	88.8	14300	8950	3.53	16100	375	13100
661640	360	0.06	7280	68.8	16700	6650	3.75	12600	784	6960
PN614024	348	0.10	6950	92.8	20400	8260	8.48	9940	314	2660
PN614022	150	0.24	32.2	14.8	84.5	1340	2.35	324	51.3	172
661642	122	0.446	3830	35.4	5860	10200	7.96	14700	767	1210
661557	100	0.330	3963.4	279.81	7290.3	15891	16.6	10000	2655.5	10000
EZR006	52.9	0.0037	1340	25.6	3200	3420	2.15	2940	56.6	3810
661563	51.17	0.029	38.6	0.80	54.2	614	6.6	19	13.08	199

The goal of the data compilation at the Passynak Mine is to better define the structure hosting the high-grade silver mineralization and to also define the fault structures that bound the fault blocks. It is interpreted that a set of east-west normal faults progressively downfault the lithology along the south-sloping topographic surface, prospectively extending the host lithology from the Treasure Hill set of silver mines southwards, and potentially south of the Eberhart Fault Zone (see Fig. 2), and thus the 'Untested Carbonates' appear to be analogous to those found on Treasure Hill (Fig. 1). A Phase 3 compilation comprised of the drilling of the South Fault Block is planned following Phase 2. The Eliza Plan of Operations Permit has been submitted and awaiting final government approval for the Passynak and Belmont areas (anticipated to be received late spring 2026). In addition, a drill program is currently being finalized for the California Patent area, within the Eliza Project, where a permit is not required for activity on this project.

Disclaimer note: Mineralization hosted on adjacent and/or nearby properties is not necessarily indicative of mineralization hosted on the Company's project.

Fig. 2 - N-S Section, Showing Interpreted Geologic Potential on Eliza Silver Project.

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<sup>1</sup> Progress Report on the Treasure Hill Project, White Pine Mining District, Nevada; Dr. Leigh A. Readdy, GAM Gold, September 20, 2007.

Overview of Data Integration Project and the Geologic Datasets to be merged:

Geophysics:	High-resolution magnetic and radiometric data; reinterpreted with higher resolution and new filtering parameters, with a goal of identifying mineralized structures and fault systems.
Geochemistry:	Rock and soil sample multielement analysis, with mineral association sets of elements correlated.
Structural Geology:	Fault and vein orientations; mapped faults and folds.
Lithology Mapping:	Compilation of field mapping and government maps, with a focus on host lithologies for analogous mineral occurrences.
Historical Data:	Digitized, century-old data combined with modern, high-precision surveys.

Following the completion of the 2021 Phase 1 exploration on the Eliza property, an initial GIS compilation was performed. Silver mineralization, sampled in outcrop, also indicated by soil geochemical anomalies, coincided with the heliborne radiometric trends (see Fig. 3), originally published in the July 18, 2023 news release "Silver Hammer Mining Reports Positive Preliminary Results of Property-Wide Airborne Magnetic and Radiometric Survey at its Eliza High-Grade Silver and Copper Project in Nevada").

Passynak, Belmont and California Mine areas all show the similar association of high silver rock and soil

geochemical grades and radiometric-low features (blue and green hues on the map).

Fig. 3 - Eliza, Northern Claim Area - Silver in Soil and Rock Geochemistry with Radiometrics.

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The higher-grade soil samples on Fig. 3 are summarized in the following table:

Table 2. Select geochemical values from 2023 sampling program.

Sample_ID	Ag_g/t	Cu_g/t	Pb_g/t	Sb_g/t	Zn_g/t
PN35258	16.18	21.0	66	7.07	89
PN35339	26.95	23.4	72	9.81	63
PN473023	13.95	18.9	42	5.68	83
PN473025	3.66	19.5	25	3.00	86
PN35264	2.70	21.9	30	4.11	89
PN473397	2.09	26.9	27	4.63	161
PN35258	16.18	21.0	66	7.07	89
PN473286	8.03	91.6	171	19.15	157
PN473288	1.68	12.5	26	2.54	91
PN35286	1.02	36.2	82	6.02	128

The aims of the Data Integration Program at the Silverton Silver Project are (see Fig. 4):

- To assist in delineating the structures found to be mineralized with silver and base metals, located in the Central Zone, currently identified as the north-south Silverton Fault, the east-west Basin Fault and the parallel east-west NW Mineralized Structure; intersections of these structures suggest CRD - type chimney mineralization.
- To aid in investigating the potential occurrence of manto-type mineralization in the Central Zone, potentially located below the hereto explored depths.
- To refine on the interpreted extensions of the gold mineralization found in jasperoids striking north-northeast, partially cloaked by thin alluvial cover in the Eastern Gold Zone.
- To explore for linear structures in deeper alluvial cover area between the Central Zone and the Eastern Gold Zone, with the quest of correlation of such potential structures with the currently defined soil and rock sample anomalies.

Fig. 4 - Data Integration Goals, Silverton Project.

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#### Qualified Person

The scientific and technical aspects of this press release have been reviewed and approved under the supervision of Damir Cukor, P.Geo. Mr. Cukor is a Qualified Person (QP) under National Instrument 43-101 Standards of Disclosure for Mineral Projects and as a consultant for the Company as Technical Director - Projects.

About Silver Hammer Mining Corp.

Silver Hammer Mining Corp. is a junior resource company focused on advancing past-producing high-grade silver projects in the United States. Silver Hammer controls 100% of seven previously producing silver mines which are located within the Silver Strand Project in the Coeur d'Alene Mining District in Idaho, USA, and within the Eliza Silver Project and the Silverton Silver Mine in Nevada. The Company also controls the Fahey Group Silver Project in the Silver Valley, Idaho and the Lacy Gold Project in British Columbia, Canada. Silver Hammer's primary focus is to explore, define and develop silver projects near past-producing mines that have not been adequately tested. The Company's portfolio also provides exposure to copper and gold.

On Behalf of the Board of Silver Hammer Mining Corp.

Peter A. Ball  
President & CEO, Director  
E: peter@silverhammermining.com

For investor relations inquiries, contact:

Peter A. Ball  
President & CEO  
778.344.4653  
E: investors@silverhammermining.com

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