



HAWTHORN
RESOURCES

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HAWTHORN PROVIDES RESULTS FROM FALL 2023 EXPLORATION PROGRAM AND COMPLETES SECOND ANNIVERSARY PAYMENT

VANCOUVER, B.C. (February 22, 2024) Hawthorn Resources Corp. (CSE: HWTN) (“Hawthorn” or the “Company”) is pleased to provide results from its 2023 exploration program and is completing the second anniversary share issuance on the Broken Handle Property (the “Property”), a prospective project hosting historical and newly discovered gold, silver, and base metal mineralization in an underexplored mining camp located north of Grand Forks, B.C.

Key Highlights:

- Numerous additional historical workings rediscovered increases the known extent of historical mining.
- Two distinct multi-element soil anomalies outlined, one corresponding to historical workings and one currently unexplained.
- Comprehensive magnetic survey highlights historically-mined structures and reveals trends extending north.

Daniel Joyce, Company President, CEO, and Director, states *“Our maiden exploration program shows potential for a precious and base metal discovery. The newly defined, unexplained soil anomaly will be the focus of future exploration at Broken Handle, specifically the Morell’s Camp arm.”*

Phase 1 exploration work was undertaken by the Company in the fall of 2023 with a total of 576 soil samples, 18 rock grab* samples, geological mapping and a comprehensive grid-based magnetic survey completed. Soil sample results have outlined two promising Au-Ag-Cu-Pb-Zn soil anomalies, one surrounding the historically mined Morell Camp mine workings and a second one 400 m further to the north that is currently unexplained. Each anomaly measures roughly 200 x 400 m in area and requires further work to define the true extent of them. Rock samples obtained from historical workings over the course of the program confirm the style and nature of mineralization within the camp.

Soil sample assay results ranged from <0.001 to 0.161 ppm Au, 0.025 to 1.63 ppm Ag, 5.0 to 437.4 ppm Cu, 3.3 to 1619.5 ppm Pb, and 17 to 2052 ppm Zn. Rock samples returned between <0.001 to 0.135 ppm Au, 0.05 to 22.48 ppm Ag, 6.6 to 2661.9 ppm Cu, 0.5 to 24200 ppm Pb, and 7 to 15000 ppm Zn.

Ground magnetic data collected during the program was processed post-field and has revealed east-west trending lineaments that correspond with structures exploited by historical mine workings within Morell's Camp. Additionally, the magnetic survey highlighted similar structures within the newly-identified northern soil anomaly that has not been explained by any surface mineral showings to date.

A further 13 new undocumented historical workings were also rediscovered during the course of field work that appear to exploit quartz fissure veins or skarn-altered sulphide-bearing rocks, adding to the 20 previously-discovered workings within Morell's camp and demonstrating the effort put into exploring the area in the late 1800's/early 1900's. The 2023 exploration program has provided valuable information to help vector towards the historically-reported bonanza-grade gold samples apparently obtained from Morell's mine workings.

**The reader is cautioned that grab samples by their very nature are selective and therefore not representative of the material being evaluated*

Quality Assurance, Quality Control and Laboratory Methods

All rock and soil samples were hand-delivered to MSA Labs in Langley, B.C., a certified independent analytical laboratory (ISO 9001 and ISO 17025) with experience in the chemical analysis of geological materials.

At MSA Labs, soil samples were prepared using code PRP-757, where samples are dried and screened to 80 mesh. The plus (+) fraction is discarded and the minus (-) fraction is sent for analysis. All samples were then assayed by code IMS-117, in which a 20 g subsample is collected from the minus fraction and subjected to a dilute aqua-regia digestion and analyzed using ICP-MS/ICP-ES, producing a 39-element suite. Rock samples were prepared by code PRP-915, whereby the entire sample is dried then crushed to 70% of the sample passing a 2 mm mesh. Then, a 500 g sub-sample was collected from the initial crush and further pulverized using a chromium-steel ring pulverizer where 85% of the subsample passed 75 µm. Each rock sample was subsequently subjected to IMS-117, as described above. Rock samples that returned >LOD for Pb and Zn were rerun using code ICF-6XX, an ore-grade single-element ICP-ES analytical technique employing 4-acid digestion.

Patrick McLaughlin, P.Geo., a Qualified Person as that term is defined in NI- 43-101 has prepared, supervised the preparation or approved the scientific and technical disclosure in the news release.

Anniversary payment

The company is also pleased to announce that it has authorized the issuance 200,000 common shares in satisfaction of its anniversary option payment toward the Company's option agreement with Origen Resources Inc. to earn-in to a 75% interest in its Broken Handle Project. The shares will be issued at a deemed price of \$0.05 per share, and will be subject to a hold period of four months from the date of issuance.

About Hawthorn Resources Corp.

Hawthorn Resources Corp. is a mineral exploration company that will acquire and explore mineral properties. For further information, please refer to the Company's disclosure record on SEDAR+ (www.sedarplus.ca).

On Behalf of the Board of Directors

Daniel Joyce, Director, President and CEO

Forward-Looking Information

Certain statements in this news release are forward-looking statements, including with respect to future plans, and other matters. Forward-looking statements consist of statements that are not purely historical, including any statements regarding beliefs, plans, expectations or intentions regarding the future. Such information can generally be identified by the use of forwarding-looking wording such as “may”, “expect”, “estimate”, “anticipate”, “intend”, “believe” and “continue” or the negative thereof or similar variations. Some of the specific forward-looking information in this news release includes, but is not limited to, statements with respect to: the timing of the resumption of trading of Shares on the CSE and the trading symbol of the Shares on the CSE. The reader is cautioned that assumptions used in the preparation of any forward-looking information may prove to be incorrect. Events or circumstances may cause actual results to differ materially from those predicted, as a result of numerous known and unknown risks, uncertainties, and other factors, many of which are beyond the control of the Company, including but not limited to, business, economic and capital market conditions, the ability to manage operating expenses, and dependence on key personnel. Such statements and information are based on numerous assumptions regarding present and future business strategies and the environment in which the Company will operate in the future, anticipated costs, and the ability to achieve goals. Factors that could cause the actual results to differ materially from those in forward-looking statements include, the continued availability of capital and financing, litigation, failure of counterparties to perform their contractual obligations, loss of key employees and consultants, and general economic, market or business conditions. Forward-looking statements contained in this news release are expressly qualified by this cautionary statement. The reader is cautioned not to place undue reliance on any forward-looking information.

The forward-looking statements contained in this news release are made as of the date of this news release. Except as required by law, the Company disclaims any intention and assumes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

This news release does not constitute an offer to sell, or a solicitation of an offer to buy, any securities in the United States. The securities have not been and will not be registered under the United States Securities Act of 1933, as amended (the “U.S. Securities Act”) or any state securities laws and may not be offered or sold within the United States or to U.S. Persons (as defined under the U.S. Securities Act) unless registered under the U.S. Securities Act and applicable state securities laws or an exemption from such registration is available.

The CSE has neither approved nor disapproved the contents of this press release and the CSE does not accept responsibility for the adequacy or accuracy of this release.