

# Ares Strategic Mining Discovers High-Value Germanium in Addition to Gallium in its Fluorspar Ore

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[Ares Strategic Mining Inc.](#) (CSE: ARS) (OTC: ARSMF) (FRA: N8I1) is pleased to report a promising breakthrough from its ongoing materials analysis program in partnership with Iowa State University (ISU) and Ames National Laboratory. Early laboratory results have confirmed the presence of germanium (Ge), in addition to the previously discovered gallium (Ga) - two highly strategic critical minerals - within Ares' fluorspar ore samples from its Spor Mountain Project in Utah.

Germanium (Ge) is vital for semiconductors, fiber optics, infrared optics, and solar cells. It is extremely rare, with global production dominated by China.

## Breakthrough Elemental Discovery

Under the guidance of Professors at ISU, Ares submitted multiple batches of fluorite material for advanced analytical testing. Seven separate samples were finely ground and washed to remove surface impurities, with Germanium (Ge) detected in two samples at concentrations of 0.15% and 0.05% (1,500 ppm and 500 ppm), with low error margins of  $\pm 0.02\%$  and  $\pm 0.01\%$  respectively, confirmed using Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES).

James Walker, CEO of Ares Strategic Mining, stated "the presence of both germanium and gallium - both critical minerals on the U.S. supply risk list - within our fluorspar ores opens an exciting new strategic pathway for Ares. This breakthrough aligns with our broader vision to unlock additional critical mineral value from our deposits, further differentiating Ares as a leader in North America's mineral independence."

## Next Steps in Strategic Mineral Development

With proof-of-concept testing complete, Ares will:

- Continue advanced laboratory characterization to quantify full germanium and gallium concentrations across additional batches.
- Investigate commercial pathways to extract and recover these materials alongside fluorspar.
- Evaluate potential economic co-products and vertical integration opportunities.

This initiative forms part of Ares' broader commitment to maximizing the value of its resource and contributing to domestic supply chain resiliency for critical materials in the United States.

## About Ares Strategic Mining

Ares Strategic Mining Inc. is a mining company focused on the development of its fluorspar projects in the U.S. The Company aims to become a significant supplier of high-grade fluorspar to North American markets, supporting industries vital to modern technology and infrastructure.

## Lost Sheep Fluorspar Project - Delta, Utah

- 100% owned - 5,982 acres - 353 Claims
- Located in the Spor Mountain area, Juab County, Utah, approximately 214 km south-west of Salt Lake City.
- Fully Permitted - including mining permits.
- NI 43-101 Technical Report identified extensive high-grade fluorspar with low levels of impurities.
- Mining plan approved by BLM1

First approved by Rex Rowley - Area Manager, Bureau of Land Management - 24th August 1992.

Renewed by Paul B. Baker - Minerals Program Manager, Bureau of Land Management - 12th December 2016.

ON BEHALF OF THE BOARD OF DIRECTORS OF

ARES STRATEGIC MINING LTD.

James Walker  
Chief Executive Officer and President

For further information, please contact James Walker by email at [jwalker@aresmining.com](mailto:jwalker@aresmining.com)

#### DISCLOSURE AND FORWARD-LOOKING STATEMENTS:

Companies typically rely on comprehensive feasibility reports on mineral reserve estimates to reduce the risks and uncertainties associated with a production decision. Historically, situations where the issuer decides to put a mineral project into production without first establishing mineral reserves supported by a technical report and completing a feasibility study have a higher risk of economic or technical failure, though some industrial mineral ventures are relatively simple operations with low levels of investment and risk, where the operating entity has determined that a formal prefeasibility or feasibility study in conformance with NI 43-101 and 43-101 CP is not required for a production decision. Based on historical engineering work, geological reports, historical production data and current engineering work completed or in the process by Ares, the Company intends to move forward with the development of its Utah asset.

Certain information in this news release may contain forward-looking statements that involve substantial known and unknown risks and uncertainties. Forward-looking statements are often identified by terms such as "will", "may", "should", "anticipate", "expects" and similar expressions. All statements other than statements of historical fact included in this news release are forward-looking statements that involve risks and uncertainties. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from the Company's expectations include the failure to satisfy the conditions of the relevant securities exchange(s) and other risks detailed from time to time in the filings made by the Company with securities regulations. 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. The reader is cautioned not to place undue reliance on any forward-looking information. Such information, although considered reasonable by management at the time of preparation, may prove to be incorrect and actual results may differ materially from those anticipated. Forward-looking statements contained in this news release are expressly qualified by this cautionary statement. The forward-looking statements contained in this news release are made as of the date of this news release and the Company disclaims any intention or obligation to update or revise such information, except as required by applicable law.

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