

# Fortuna Advances Diamba Sud Gold Project in Senegal with Updated Mineral Resources; PEA Completion Targeted for Q4 2025

05.08.2025 | [GlobeNewswire](#)

VANCOUVER, Aug. 05, 2025 - [Fortuna Mining Corp.](#) (NYSE: FSM | TSX: FVI) is pleased to report an updated Mineral Resource estimate as of July 7, 2025, for the Diamba Sud Gold Project located in Senegal. All dollar amounts in this news release are expressed in US dollars.

## Highlights of the Inpit Mineral Resource Update

- Indicated Mineral Resource of 724,000 gold ounces, representing a 53 percent increase since year-end 2024
- Inferred Mineral Resource of 285,000 gold ounces, reflecting a 93 percent increase since year-end 2024
- Initial Inferred Mineral Resource estimates for the Southern Arc and Mounoundi deposits, containing 194,000 ounces and 31,000 ounces of gold, respectively
- Preliminary Economic Analysis (PEA) underway, with completion targeted for the fourth quarter of 2025
- Exploration drilling at Southern Arc continues focusing on:
  - Infilling drilling to upgrade Inferred Resources
  - Expansion drilling where mineralization remains open at shallow depths to the south and east of the defined deposit limits

## Diamba Sud Gold Project, Senegal

Fortuna estimates that the Diamba Sud Gold Project comprises an Indicated Mineral Resource of 14.2 Mt at an average gold grade of 1.59 g/t, containing 724,000 ounces of gold, and an Inferred Mineral Resource of 6.2 Mt at an average gold grade of 1.44 g/t containing 285,000 ounces of gold.

The updated Mineral Resource estimate is based on new drilling completed between July 2024 to July 2025, comprising 243 holes totaling 31,652 meters. The data collected improved the geological interpretation and resource modelling for Area A, Area D, Karakara, Western Splay, and Kassassoko. It also contributed to the expansion of Diamba Sud's pipeline of emerging deposits, with the first-time resource estimates for Southern Arc and Mounoundi. Expansion drilling at these deposits, along with the drilling of new targets, is planned for the fourth quarter of 2025.

Changes from the previous estimate are due to the following:

- Infill drilling at Area A, Area D, Karakara, Western Splay, and Kassassoko improved the geological interpretation and supported the conversion of Inferred Resources to Indicated Resources
- Exploration drilling at Southern Arc and Mounoundi resulted in the first-time estimation of Inferred Mineral Resources
- An increase in the long-term gold price assumption, now at \$2,600/oz, along with refinements to projected mining and processing costs, contributed to updated pit shell optimization and cut-off grade determination

## Diamba Sud Gold Project Mineral Resources by deposit

Mineral Resources - Indicated

Contained Metal

Classification	Deposit	Tonnes Au (000)	Au (g/t) (koz)
	Area A	3,891	1.47 184
	Area D	4,877	1.75 274
Indicated	Karakara	2,476	1.79 143
	Western Splay	1,615	1.65 86
	Kassassoko	1,294	0.90 38
Total Indicated		14,153	1.59 724

Mineral Resources - Inferred		Contained Metal	
Classification	Deposit	Tonnes Au (000)	Au (g/t) (koz)
	Area A	61	1.02 2
	Area D	600	1.10 21
	Karakara	510	1.61 26
Inferred	Western Splay	101	2.11 7
	Kassassoko	123	0.85 3
	Southern Arc	3,854	1.57 194
	Moungoundi	922	1.06 31
Total Inferred		6,171	1.44 285

## Notes:

1. Mineral Reserves and Mineral Resources are as defined by the 2014 CIM Definition Standards for Mineral Resources and Mineral Reserves
2. Mineral Resources are exclusive of Mineral Reserves.
3. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.
4. Factors that could materially affect the reported Mineral Resources include changes in metal price and exchange rate assumptions; changes in local interpretations of mineralization; changes to assumed metallurgical recoveries, mining dilution and recovery; and assumptions as to the continued ability to access the site, extend and/or retain mineral and surface rights, titles and permits, maintain environmental and other regulatory permits, and maintain the social license to operate.
5. Mineral Resources are reported as of July 7, 2025.
6. Mineral Resources for Diamba Sud are reported pit constrained on a 100% ownership basis at selective mining unit block sizes and at an incremental gold cutoff grade for oxide/transitional material of 0.31 g/t Au, with fresh material reported based on a cutoff of 0.35 g/t Au for Area A, 0.42 g/t Au for Area D, 0.35 g/t Au for Karakara, 0.41 g/t Au for Western Splay, 0.35 g/t Au for Kassassoko, 0.37 g/t Au for Southern Arc, and 0.39 g/t Au for Moungoundi in accordance with the varying ore differential parameters and varying metallurgical recoveries for oxide, transitional and fresh rock within pit shell optimizations, assuming a long-term gold metal price of \$2,600/oz and metallurgical recoveries based on metallurgical testwork.
7. Eric Chapman, P. Geo. (EGBC #36328), is the Qualified Person responsible for Mineral Resources, being an employee of Fortuna Mining Corp.
8. Totals may not add due to rounding

The Mineral Resource is comprised of seven deposits: Area A, Area D, Karakara, Western Splay, Kassassoko, Southern Arc, and Moungoundi. It incorporates data from a total of 1,178 diamond and reverse circulation (RC) drill holes, totaling 154,814 meters, completed at these deposits since 2019 (see Figure 1).

Figure 1: Location of Deposits Included in the Mineral Resource Estimate

All RC drilling at Diamba Sud was conducted using a 5.25-inch face sampling pneumatic hammer, with

samples collected into 60-liter plastic bags. To maintain sample integrity, sufficient air pressure was used to keep samples dry and prevent groundwater inflow. If water ingress exceeded air pressure capacity, RC drilling was halted, and drilling converted to diamond core tails. Samples were collected at 1-meter intervals from an onboard cyclone and split on site to produce two 1.5-kilogram sub-samples. The first sample was submitted for laboratory analysis, while the second was retained at the core yard as a field duplicate.

The majority of diamond drill holes at Diamba Sud were drilled with either HQ or NQ sized diamond drill bits. Core was logged and marked for sampling using standard lengths of one meter or to geological boundaries as appropriate. Samples were cut into equal halves using a diamond saw. One half of the core was retained in the original core box and stored in a secure facility at the project site's core yard. The other half was sampled, catalogued, and placed into sealed bags which were securely stored on site until shipment.

All RC and diamond core samples from Diamba Sud were shipped to ALS Global's laboratory in Kedougou, Senegal, for preparation and then sent, via commercial courier, to ALS's facility in Ouagadougou, Burkina Faso, for final analysis. Routine gold analysis was performed using a 50-gram charge with fire assay and atomic absorption finish. Quality control procedures included the systematic insertion of blanks, duplicates, and certified reference standards into the sample stream. Additionally, ALS implemented its own quality control protocols.

The Mineral Resource estimate for Diamba Sud was prepared using data with an effective cut-off date of July 7, 2025. Three-dimensional wireframes were constructed for the host lithologies, including the weathering profile, as well as for mineralized zones. The mineralized envelopes were defined using nominal cut-off grades of approximately 0.1 g/t and 0.3 g/t Au, respectively.

Wireframes for each mineralized envelope were used to select and flag drillhole samples. Samples were preferentially sampled at 1-meter intervals, regardless of drilling technique based on the deposit characteristics, and therefore composited to this length. Composites for each mineralized domain were evaluated both individually and collectively using histograms, log-probability plots, and box-and-whisker plots.

Input composite data for each domain were assessed for outliers, and grade capping was applied on a semi-quantitative basis. This process was guided by statistical tools, including histograms, log-probability plots, and mean-variance plots. Grade caps were generally applied at or above the 98<sup>th</sup> percentile.

Where sufficient data existed, experimental semi-variograms were generated for each domain and modelled accordingly. These were typically characterized by a moderate to high nugget effect and two nested spherical structures.

A block model was built for each of the Diamba Sud deposits. Models were aligned with the national UTM coordinate system used for the input data and were designed with block dimensions reflecting the likely selective mining unit.

Mineralized wireframes were treated as hard boundaries during grade interpolation, meaning only assay data within each domain was used to interpolate grades within that domain. Grade interpolation was performed using either inverse distance weighting or ordinary kriging, depending on the quality and robustness of the modeled variograms. The Qualified Person considers the interpolation methods appropriate for the style of mineralization at Diamba Sud.

All estimates were carried out on a parent block basis. Estimation search parameters were informed by Kriging Neighborhood Analysis (KNA), utilizing a single-block KNA approach within well-drilled areas. An oriented ellipsoid search was applied to select composites for interpolation, with orientations derived from variogram models. Gold grade estimation was completed using a three-pass search strategy within each mineralized domain, based on the respective variogram ranges.

Fixed bulk density values were assigned by lithology and weathering profile, based on more than 25,000 water immersion measurements of drill core collected across the Diamba Sud property.

Initial validation of the block models included checks for unestimated mineralized blocks, incorrect or missing density assignments, and verification that no mineralized blocks or blocks with density values were present above the topographic surface. Visual validation included comparing the estimated block model grades to the composite grades for a series of cross sections sliced through each of the deposits.

Following the initial validation checks, swath plots were generated along the three principal axes to assess the representativeness of the estimated grade profiles relative to the input composite grades. These plots were prepared on a per-domain basis for each mineralized solid and demonstrate a satisfactory correlation between the estimated grades and the underlying composite data, supporting the reliability of the grade interpolation.

Mineral Resource classification considered several aspects affecting confidence in the estimation including geological continuity; data density and orientation; data accuracy and precision; and grade continuity. Indicated Mineral Resources have relied on a drilling grid of approximately 25 meters, with Inferred Mineral Resources based on an approximate 50-meter grid.

Mineral Resources are reported on a 100 percent ownership basis, using block sizes consistent with the anticipated selective mining unit. Resources are constrained by optimized pit shells and reported at incremental gold cut-off grades that reflect varying metallurgical recoveries and projected mining, processing, and general costs. A long-term gold price of \$2,600 per ounce was assumed for pit optimization and economic evaluation.

#### Qualified Person

Eric Chapman, Senior Vice President, Technical Services, is a Professional Geoscientist of the Association of Professional Engineers and Geoscientists of the Province of British Columbia (Registration Number 36328) and a Qualified Person as defined by National Instrument 43-101- Standards of Disclosure for Mineral Projects. Mr. Chapman has reviewed and approved the scientific and technical information contained in this news release and has verified the underlying data.

#### About Fortuna Mining Corp.

Fortuna Mining Corp. is a Canadian precious metals mining company with three operating mines and a portfolio of exploration projects in Argentina, Côte d'Ivoire, Mexico, and Peru, as well as the Diamba Sud Gold Project in Senegal. Sustainability is at the core of our operations and stakeholder relationships. We produce gold and silver while creating long-term shared value through efficient production, environmental stewardship, and social responsibility. For more information, please visit our website at [www.fortunamining.com](http://www.fortunamining.com)

#### ON BEHALF OF THE BOARD

Jorge A. Ganoza  
President, CEO, and Director  
Fortuna Mining Corp.

#### Investor Relations:

Carlos Baca | [info@fmcmail.com](mailto:info@fmcmail.com) | [fortunamining.com](http://fortunamining.com) | X | LinkedIn | YouTube

#### Forward looking Statements

*This news release contains forward-looking statements which constitute "forward-looking information" within the meaning of applicable Canadian securities legislation and "forward-looking statements" within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995 (collectively, "Forward-looking Statements"). All statements included herein, other than statements of historical fact, are Forward-looking Statements and are subject to a variety of known and unknown risks and uncertainties which could cause actual events or results to differ materially from those reflected in the Forward-looking*

*Statements. The Forward-looking Statements in this news release may include, without limitation, the Mineral Resource estimates at Diamba Sud; the Company's proposed exploration plans at Diamba Sud; statements that a preliminary economic analysis is expected to be completed in the fourth quarter of 2025; statements about the Company's business strategies, plans and outlook; the Company's plans for its mines and mineral properties; changes in general economic conditions and financial markets; the impact of inflationary pressures on the Company's business and operations; the future results of exploration activities; expectations with respect to metal grade estimates and the impact of any variations relative to metals grades experienced; assumed and future metal prices; the merit of the Company's mines and mineral properties; and the future financial or operating performance of the Company. Often, but not always, these Forward-looking Statements can be identified by the use of words such as "estimated", "potential", "open", "future", "assumed", "projected", "proposed", "used", "detailed", "has been", "gain", "planned", "reflecting", "will", "anticipated", "estimated" "containing", "remaining", "to be", or statements that events, "could" or "should" occur or be achieved and similar expressions, including negative variations.*

*Forward-looking Statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance, or achievements of the Company to be materially different from any results, performance or achievements expressed or implied by the Forward-looking Statements. Such uncertainties and factors include, among others, operational risks associated with mining and mineral processing; uncertainty relating to Mineral Resource and Mineral Reserve estimates; uncertainty relating to capital and operating costs, production schedules and economic returns; risks relating to the Company's ability to replace its Mineral Reserves; risks related to the conversion of Mineral Resources to Mineral Reserves; risks associated with mineral exploration and project development; uncertainty relating to the repatriation of funds as a result of currency controls; environmental matters including obtaining or renewing environmental permits and potential liability claims; uncertainty relating to nature and climate conditions; laws and regulations regarding the protection of the environment (including greenhouse gas emission reduction and other decarbonization requirements and the uncertainty surrounding the interpretation of omnibus Bill C-59 and the related amendments to the Competition Act (Canada)); risks associated with political instability and changes to the regulations governing the Company's business operations; changes in national and local government legislation, taxation, controls, regulations and political or economic developments in countries in which the Company does or may carry on business; risks associated with war, hostilities or other conflicts, such as the Ukrainian - Russian, and Israeli - Hamas conflicts, and the impacts they may have on global economic activity; risks relating to the termination of the Company's mining concessions in certain circumstances; developing and maintaining relationships with local communities and stakeholders; risks associated with losing control of public perception as a result of social media and other web-based applications; potential opposition to the Company's exploration, development and operational activities; risks related to the Company's ability to obtain adequate financing for planned exploration and development activities; property title matters; risks related to the ability to retain or extend title to the Company's mineral properties; risks relating to the integration of businesses and assets acquired by the Company; impairments; risks associated with climate change legislation; reliance on key personnel; adequacy of insurance coverage; operational safety and security risks; legal proceedings and potential legal proceedings; uncertainties relating to general economic conditions; risks relating to a global pandemic, which could impact the Company's business, operations, financial condition and share price; competition; fluctuations in metal prices; risks associated with entering into commodity forward and option contracts for base metals production; fluctuations in currency exchange rates and interest rates; tax audits and reassessments; risks related to hedging; uncertainty relating to concentrate treatment charges and transportation costs; sufficiency of monies allotted by the Company for land reclamation; risks associated with dependence upon information technology systems, which are subject to disruption, damage, failure and risks with implementation and integration; labor relations issues; as well as those factors discussed under "Risk Factors" in the Company's Annual Information Form for the fiscal year ended December 31, 2024. Although the Company has attempted to identify important factors that could cause actual actions, events, or results to differ materially from those described in Forward-looking Statements, there may be other factors that cause actions, events or results to differ from those anticipated, estimated or intended.*

*Forward-looking Statements contained herein are based on the assumptions, beliefs, expectations and opinions of management, including, but not limited to, the accuracy of the Company's current Mineral Resource and Mineral Reserve estimates; that the Company's activities will be conducted in accordance with the Company's public statements and stated goals; that there will be no material adverse change affecting the Company, its properties or its production estimates (which assume accuracy of projected ore grade, mining rates, recovery timing, and recovery rate estimates and may be impacted by unscheduled maintenance, labor and contractor availability and other operating or technical difficulties); the duration and effect of global and local inflation; the duration and impacts of geo-political uncertainties on the Company's production, workforce, business, operations and financial condition; the expected trends in mineral prices, inflation and currency exchange rates; that all required approvals and permits will be obtained for the Company's business and operations on acceptable terms; that there will be no significant disruptions*

*affecting the Company's operations and such other assumptions as set out herein. Forward-looking Statements are made as of the date hereof and the Company disclaims any obligation to update any Forward-looking Statements, whether as a result of new information, future events, or results or otherwise, except as required by law. There can be no assurance that these Forward-looking Statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, investors should not place undue reliance on Forward-looking Statements.*

#### *Cautionary Note to United States Investors Concerning Estimates of Reserves and Resources*

*All reserve and resource estimates included in this news release have been prepared in accordance with National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101") and the Canadian Institute of Mining, Metallurgy, and Petroleum Definition Standards on Mineral Resources and Mineral Reserves. NI 43-101 is a rule developed by the Canadian Securities Administrators that establishes standards for public disclosure by a Canadian company of scientific and technical information concerning mineral projects. All Mineral Reserve and Mineral Resource estimates contained in the technical disclosure have been prepared in accordance with NI 43-101 and the Canadian Institute of Mining, Metallurgy and Petroleum Definition Standards on Mineral Resources and Reserves. Canadian standards, including NI 43-101, differ significantly from the requirements of the Securities and Exchange Commission, and mineral reserve and resource information included in this news release may not be comparable to similar information disclosed by U.S. companies.*

A photo accompanying this announcement is available at  
<https://www.globenewswire.com/NewsRoom/AttachmentNg/b024ca04-3163-417e-8d16-67a472d7a69d>

PDF available: <http://ml.globenewswire.com/Resource/Download/716d36d2-553b-4036-bcc5-dd6e7d0a241d>

---

Dieser Artikel stammt von [Rohstoff-Welt.de](http://www.rohstoff-welt.de)

Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/700817--Fortuna-Advances-Diamba-Sud-Gold-Project-in-Senegal-with-Updated-Mineral-Resources-PEA-Completion-Target>

Für den Inhalt des Beitrages ist allein der Autor verantwortlich bzw. die aufgeführte Quelle. Bild- oder Filmrechte liegen beim Autor/Quelle bzw. bei der vom ihm benannten Quelle. Bei Übersetzungen können Fehler nicht ausgeschlossen werden. Der vertretene Standpunkt eines Autors spiegelt generell nicht die Meinung des Webseiten-Betreibers wieder. Mittels der Veröffentlichung will dieser lediglich ein pluralistisches Meinungsbild darstellen. Direkte oder indirekte Aussagen in einem Beitrag stellen keinerlei Aufforderung zum Kauf-/Verkauf von Wertpapieren dar. Wir wehren uns gegen jede Form von Hass, Diskriminierung und Verletzung der Menschenwürde. Beachten Sie bitte auch unsere [AGB/Disclaimer!](#)

---

Die Reproduktion, Modifikation oder Verwendung der Inhalte ganz oder teilweise ohne schriftliche Genehmigung ist untersagt!  
Alle Angaben ohne Gewähr! Copyright © by Rohstoff-Welt.de -1999-2026. Es gelten unsere [AGB](#) und [Datenschutzrichtlinien](#).