

Case Study



KANDIOLÉ GOLD PROJECT

Based on the NI 43-101 Preliminary Economic Assessment with an effective date of 27 February 2026

This article is based on Stormlands Mining's independent modelling of the Kandiolé Gold Project, Kéniéba Cercle, Kayes Region, western Mali using publicly available technical information, and independent modelling by Stormlands Mining. The case study is designed to show how changes in underlying assumptions can be instantly modelled in real time using the Stormlands Mining valuation platform

Rebuilding and updating the Kandiolé Gold Project economic model from NI 43-101 technical disclosure.

The Kandiolé Gold Project is a gold development project owned by Roscan Gold Corporation. Stormlands modelled the project using the NI 43-101 Preliminary Economic Assessment with an effective date of 27 February 2026.

The project has been evaluated as a single-commodity gold project, with revenue generated from gold doré production.

Using the disclosed mine plan and economic assumptions, Stormlands rebuilt a dynamic discounted cash flow model for Kandiolé.

The Stormlands model includes mine production, ore production, gold doré production, gold doré revenue, operating costs, capital costs, sustaining capital, commercial royalties, government royalties, corporate income tax, post-tax free cash flow, NPV, IRR, payback and other data points.

Two scenarios were modelled and compared:

- A base case model extracted from the NI 43-101 technical report assumptions, using a gold price of US\$3,100/oz
- An updated commodity price case using the average of March 2026 gold price: US\$4,877.40/oz

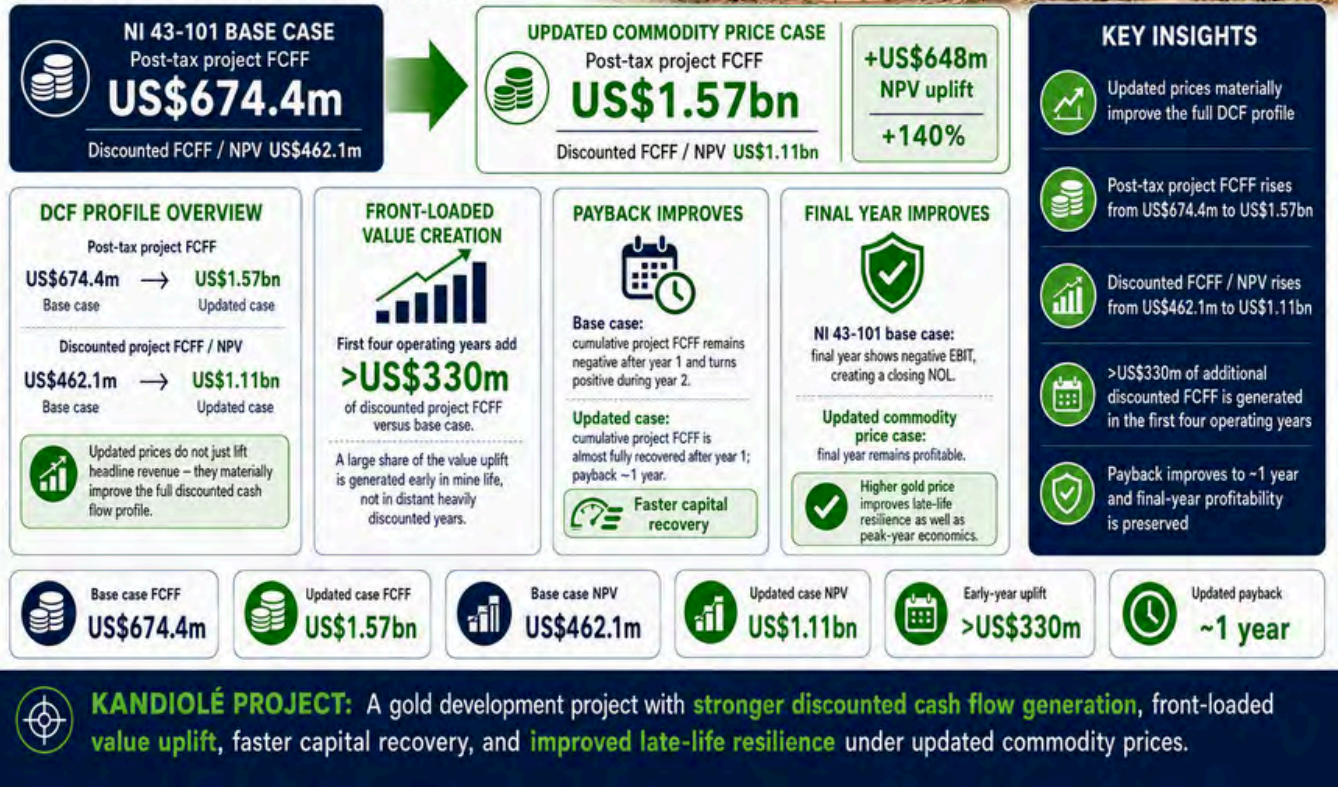
All other core assumptions were held constant between the two cases. The updated commodity price case therefore isolates the impact of higher gold price assumptions on the project's valuation.





DCF MODEL INSIGHTS

Kandiolé Gold Project illustrative discounted cash flow comparison
How updated commodity prices improve the full post-tax DCF profile



Base Case Model

The Stormlands base case model reflects the NI 43-101 development assumptions for Kandiolé.

The model assumes an ore body size of approximately 34.3 million tonnes, total mine output of approximately 31.1 million tonnes, an average gold grade of 0.89 g/t, and a mine life of 13 years.

The model uses a gold price of US\$3,100/oz and a discount rate of 5%. Life-of-mine operating costs are approximately US\$981.8 million, with total capital expenditure including sustaining capital of approximately US\$297.2 million. Initial capex is approximately US\$218.7 million.

Under these assumptions, Kandiolé generates life-of-mine revenue of approximately US\$2.56 billion. Life-of-mine EBITDA is approximately US\$1.31 billion, and post-tax project free cash flow is approximately US\$674.4 million.

The resulting post-tax project NPV is approximately US\$462.1 million, with an IRR of 48.9% and payback of approximately 1 year and 9 months.

This base case provides the starting point for scenario analysis. It reflects the valuation generated using the technical report assumptions and provides a structured model that can then be updated as commodity prices, costs, fiscal terms or development assumptions change.

Updated Commodity Price Case

Stormlands then updated the Kandiolé model using an updated gold price assumption of US\$4,877.40/oz.

All other core assumptions were held constant, including mine life, production profile, ore grade, operating cost, capital cost, sustaining capital and fiscal assumptions. This isolates the impact of updated gold prices on the project valuation.

Under the updated commodity price scenario, life-of-mine revenue increases from approximately US\$2.56 billion to approximately US\$4.03 billion. This represents an increase of approximately US\$1.47 billion, or 57%.

The impact on cash flow is significant. Life-of-mine EBITDA increases from approximately US\$1.31 billion to approximately US\$2.64 billion. Post-tax project free cash flow increases from approximately US\$674.4 million to approximately US\$1.57 billion.

The project NPV increases from approximately US\$462.1 million in the NI 43-101 basecase to approximately US\$1.11 billion under the updated commodity price case. This is an increase of approximately US\$648 million, or approximately 140%.

The project IRR increases from 48.9% to 97.0%, while payback improves from approximately 1 year and 9 months to approximately 1 year.

Value Drivers

The Kandiolé model shows a clear hierarchy of value drivers.

1. Gold price

Gold price is the dominant driver of project value. In both the NI 43-101 base case and the updated commodity price case, the price factor and gold price factor have the largest impact on NPV.

In the NI 43-101 base case sensitivity analysis, the NPV range for gold price movement is approximately US\$348 million to US\$576 million. In the updated commodity price case, the equivalent range is approximately US\$933 million to US\$1.29 billion.

The updated price case therefore has a much wider absolute value range. A 10% movement in gold price has a much larger dollar impact when the project is being valued from a higher gold price base.

2. Operating cost

Operating cost is the second most important valuation driver.

In the NI 43-101 base case, the operating cost sensitivity range is approximately US\$416 million to US\$508 million. In the updated commodity price case, the operating cost sensitivity range is approximately US\$1.06 billion to US\$1.16 billion.

The absolute operating cost sensitivity is broadly similar in both cases because the cost base is unchanged.

However, operating cost risk becomes less significant relative to the larger NPV in the updated price case.

3. Discount rate

Discount rate has a more limited impact than gold price or operating cost.

In the NI 43-101 base case, the discount rate sensitivity range is approximately US\$445 million to US\$479 million. In the updated commodity price case, the range is approximately US\$1.07 billion to US\$1.15 billion.

This reflects the project's strong early cash flow profile. A meaningful portion of value is generated in the early years, reducing the project's relative exposure to discount rate changes.

4. Capital cost

Capital cost is the smallest of the main value drivers tested.

In the NI 43-101 base case, the capital cost sensitivity range is approximately US\$446 million to US\$478 million. In the updated commodity price case, the range is approximately US\$1.09 billion to US\$1.13 billion.

This does not mean capital discipline is unimportant. It means that, in this model, changes in gold price and operating costs have a much greater impact on valuation than equivalent percentage changes in capital cost.



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VALUE DRIVERS

Kandiolé Gold Project illustrative valuation sensitivities
Most important drivers of post-tax project value



BASE CASE POST-TAX NPV

US\$462.1m

Base case replicated from
NI 43-101 / PEA assumptions



Kandiolé Gold Project
Kéniéba Cercle, Kayes Region, Mali



KEY INSIGHTS



Kandiolé behaves primarily as a gold-focused single-commodity project



Gold price is the dominant value driver; updated prices increase NPV from US\$462.1m to US\$1.11bn



Operating cost is the second most important sensitivity



NPV rises faster than revenue: revenue +57% versus NPV +140%



Even at 80% price and 120% operating cost, updated-case NPV is ~US\$664m, above the NI 43-101 base case



Base gold price
US\$3,100/oz



Updated gold price
US\$4,877.40/oz



Base project payback
1 year 9 months



Updated-case payback
~1 year



Updated downside floor
US\$664m



KANDIOLÉ PROJECT: A gold development project with **strong leverage to gold prices**, operating-cost sensitivity as the **second most important driver**, and a **resilient valuation floor** under updated commodity prices.

Key Highlights

Base case project economics are already robust. Using the NI 43-101 base assumptions, the Stormlands model generates a post-tax project NPV of approximately US\$462.1 million, with an IRR of 48.9% and payback of approximately 1 year and 9 months.

Kandiolé is highly leveraged to the gold price. Updating the model from a gold price of US\$3,100/oz to US\$4,877.40/oz, while keeping mine life, grade, opex, capex and fiscal assumptions unchanged, increases project NPV to approximately US\$1.11 billion.

The updated price case adds approximately US\$648 million of NPV. The increase from US\$462.1 million to US\$1.11 billion represents an uplift of approximately US\$648 million, or around 140%.

Life-of-mine revenue increases materially. Revenue increases from approximately US\$2.56 billion in the NI 43-101 base case to approximately US\$4.03 billion in the updated commodity price case, an uplift of approximately US\$1.47 billion.

The same physical project generates a very different valuation. Ore body size, mine output, grade, mine life, operating cost and capital cost are unchanged. The valuation uplift is driven almost entirely by repricing the same payable gold production at updated commodity prices.

Operating leverage is significant. Life-of-mine EBITDA increases from approximately US\$1.31 billion to approximately US\$2.64 billion, more than doubling under the updated price scenario.

NPV increases faster than revenue. Revenue increases by approximately 57%, while post-tax NPV increases by approximately 140%. This demonstrates the project's strong operational gearing to gold price.

Payback improves sharply. The NI 43-101 base case pays back in approximately 1 year and 9 months. Under the updated commodity price case, payback improves to approximately 1 year.

Government revenues increase materially. Government royalties and corporate income tax increase from approximately US\$554 million in the NI 43-101 base case to approximately US\$1.12 billion in the updated commodity price case.

Gold price is the dominant value driver. Sensitivity analysis shows that the price factor and gold price factor have the largest effect on NPV. Operating cost is the second most important driver, while capital cost and discount rate have more limited impact.

The updated case has a much higher valuation floor. In the heatmap downside case of 80% price and 120% operating cost, the updated commodity price model still generates an NPV of approximately US\$664 million, higher than the NI 43-101 base case NPV of approximately US\$462 million.





STRONGER CASH FLOW GENERATION

| NI 43-101 BASE CASE | UPDATED PRICE CASE |
|--|--|
| Post-tax project free cash flow US\$674.4m | Post-tax project free cash flow US\$1.57bn |

Discounted project FCFF / NPV base case: **US\$462.1m**
updated price case: **US\$1.11bn**

VALUE UPLIFT IS FRONT-LOADED

In the first four operating years, the updated price case adds more than **>US\$330m** of discounted project free cash flow vs. base case

The uplift is driven early in the mine life, not just in later years
Improves capital recovery and reduces exposure to discounting

ANNUAL PROJECT FREE CASH FLOW PROFILE (POST-TAX)

CUMULATIVE PROJECT FREE CASH FLOW (POST-TAX)

KEY INSIGHTS

- Updated commodity prices materially improve the full discounted cash flow profile
- Post-tax project FCFF rises from US\$674.4m to US\$1.57bn
- Discounted FCFF / NPV rises from US\$462.1m to US\$1.11bn
- >US\$330m of additional discounted FCFF is generated in the first four operating years
- Payback improves to ~1 year and final-year profitability is preserved

FASTER PAYBACK

Cumulative free cash flow is almost fully recovered after year 1 in the updated price case, vs. during year 2 in the base case.

STRONGER LATE-LIFE RESILIENCE

The final operating year remains profitable in the updated price case, while the base case shows a closing net operating loss.

BETTER OVERALL CASH FLOW QUALITY

Higher annual cash flows, earlier recovery, and positive end-of-life results combine to deliver a materially stronger DCF profile.

Base case FCFF
US\$674.4m

Updated case FCFF
US\$1.57bn

Base case NPV
US\$462.1m

Updated case NPV
US\$1.11bn

Early-year uplift
>US\$330m

Updated payback
~1 year

KANDIOLÉ PROJECT: The updated commodity price case delivers a **stronger, earlier** and **more resilient** cash flow profile, resulting in a materially **higher NPV**.

Revenue Report Insights

The revenue report confirms that Kandiolé is effectively a gold doré revenue model. The price factor and gold price factor move together, indicating that there is no material by-product revenue offset in the model.

The payable gold production profile remains unchanged between the two scenarios. The updated commodity price case does not assume higher production, higher grade, improved recovery or a longer mine life. It simply reprices the same payable gold production at a higher gold price.

This is important because it demonstrates the value of dynamic model updating. The physical project remains the same, but the valuation context changes materially.

In the NI 43-101 base case, the model generates life-of-mine revenue of approximately US\$2.56 billion. In the updated commodity price case, life-of-mine revenue increases to approximately US\$4.03 billion.

Net smelter return increases from approximately US\$82.52/t ore to approximately US\$129.88/t ore. Cash operating margin increases from approximately US\$50.90/t ore to approximately US\$98.26/t ore.

This means the project moves from a strong margin asset to a very high margin asset under updated commodity price assumptions.

Margin and Cash Flow Expansion

The updated commodity price case materially improves the quality of the project's cash flows.

Life-of-mine EBITDA increases from approximately US\$1.31 billion to approximately US\$2.64 billion. EBITDA margin increases from approximately 51% of revenue to approximately 65% of revenue.

Operating margin also improves materially. The operating margin percentage increases from approximately 61.7% to approximately 75.7%.

This margin expansion occurs because operating and capital costs are unchanged in the updated commodity price case. As gold price increases, a significant portion of the additional revenue flows through to operating margin, EBITDA and post-tax free cash flow.

This is one of the most important conclusions from the model: Kandiolé has strong operational leverage to gold price.



DCF Model Insights

The DCF comparison shows that the updated commodity price case materially improves the full discounted cash flow profile, not just headline revenue.

In the NI 43-101 base case, post-tax project free cash flow is approximately US\$674.4 million. Under the updated commodity price case, it increases to approximately US\$1.57 billion.

Discounted project free cash flow, which drives NPV, increases from approximately US\$462.1 million to approximately US\$1.11 billion.

The uplift is not limited to late-life cash flows. In the first four operating years, the updated commodity price case adds more than US\$330 million of discounted project free cash flow versus the NI 43-101 base case. This shows that the updated price case is not dependent on distant, heavily discounted cash flows. The value impact is front-loaded and improves capital recovery.

In the NI 43-101 base case, cumulative project free cash flow remains negative after year one and turns positive during year two. In the updated commodity price case, cumulative project free cash flow is almost fully recovered after year one, with payback achieved at approximately one year.

The final operating year also improves. The NI 43-101 base case shows negative EBIT and a closing net operating loss, while the updated commodity price case remains profitable, showing stronger late-life resilience.

Heatmap Analysis

The price and operating cost heatmaps show the combined effect of commodity price movement and operating cost variation.

In the NI 43-101 base model, base case NPV is approximately US\$462 million. At 120% price and 80% operating cost, NPV increases to approximately US\$781 million. At 80% price and 120% operating cost, NPV falls to approximately US\$137 million.

In the updated commodity price case, base case NPV is approximately US\$1.11 billion. At 120% price and 80% operating cost, NPV increases to approximately US\$1.56 billion. At 80% price and 120% operating cost, NPV remains approximately US\$664 million.

This is one of the strongest findings in the case study. Even under lower gold price and higher operating cost, the updated commodity price case remains above the NI 43-101 base case.

The heatmap also shows that gold price has a larger effect than operating cost. In the NI 43-101 base case, a 20% gold price movement changes NPV by approximately US\$228 million, compared with approximately US\$93 million for operating cost. In the updated commodity price case, the equivalent impacts are approximately US\$360 million and US\$90 million. This means the project becomes more price-leveraged, and relatively less exposed to operating cost variation, as the gold price increases.



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HEATMAP ANALYSIS

Kandiolé Gold Project illustrative valuation heatmaps
Combined effect of gold price and operating cost on post-tax NPV



KANDIOLÉ GOLD PROJECT
Kéniéba Cercle, Kayes Region, Mali

| NI 43-101 BASE CASE | | Base-case post-tax NPV: ~US\$462m | | | | |
|---------------------|--|-----------------------------------|------|-------------------|------|------|
| PRICE | | 80% | 90% | 100% | 110% | 120% |
| 120% | | 781M | 735M | 689M | 643M | 597M |
| 110% | | 668M | 622M | 576M | 530M | 483M |
| 100% | | 555M | 508M | 462M BASE CASE | 416M | 369M |
| 90% | | 441M | 394M | 348M | 302M | 255M |
| 80% | | 327M | 280M | 234M | 186M | 137M |
| | | 80% | 90% | 100% | 110% | 120% |
| | | OPERATING COST | | | | |

| UPDATED COMMODITY PRICE CASE | | Post-tax NPV: ~US\$1.11bn | | | | |
|------------------------------|--|---------------------------|-------|--------------------|-------|-------|
| PRICE | | 80% | 90% | 100% | 110% | 120% |
| 120% | | 1.56B | 1.51B | 1.47B | 1.42B | 1.37B |
| 110% | | 1.38B | 1.33B | 1.29B | 1.24B | 1.20B |
| 100% | | 1.20B | 1.16B | 1.11B BASE CASE | 1.06B | 1.02B |
| 90% | | 1.02B | 978M | 933M | 887M | 841M |
| 80% | | 847M | 801M | 755M | 709M | 664M |
| | | 80% | 90% | 100% | 110% | 120% |
| | | OPERATING COST | | | | |

KEY INSIGHTS

- Gold price has a larger impact on NPV than operating cost in both scenarios.
- NI 43-101 base case: ±20% price shifts NPV by ~US\$228m; ±20% operating cost shifts NPV by ~US\$93m.
- Updated commodity price case: ±20% price shifts NPV by ~US\$360m; ±20% operating cost shifts NPV by ~US\$90m.
- At 80% price and 120% operating cost, updated-case NPV remains ~US\$664m.
- That downside updated-case NPV is still above the NI 43-101 base-case NPV of ~US\$462m.



Updated commodity prices materially raise the valuation floor.

Even under the downside scenario of 80% price and 120% operating cost, updated-case NPV (~US\$664m) remains above the NI 43-101 base-case NPV (~US\$462m).



NI 43-101 base case

US\$462m



Updated case base NPV

US\$1.11bn



Best NI 43-101 case

US\$781m



Best updated case

US\$1.56bn



Worst NI 43-101 case

US\$137m



Worst updated case

US\$664m

KANDIOLÉ PROJECT: A gold development project with **strong leverage to gold prices**, lower relative exposure to operating-cost variation at higher prices, and a **materially higher valuation floor** under updated commodity prices.

Commercial Interpretation

Kandiolé is a strong example of why mining economic models should not remain static after a technical report is published.

The NI 43-101 base model already shows robust economics. At a gold price of US\$3,100/oz, Kandiolé generates a post-tax NPV of approximately US\$462 million, an IRR of 48.9% and a short payback period. However, when the same model is updated to a gold price of US\$4,877.40/oz, the valuation changes materially. Project NPV increases to approximately US\$1.11 billion, IRR increases to 97.0%, and payback improves to approximately 1 year.

The updated case does not rely on a revised mine plan, increased production, higher grade or reduced costs. It is the same economic model updated for commodity price.

For investors, this provides a clearer view of current valuation and upside exposure.

For mining companies, it provides a structured way to communicate how market conditions affect project economics.

For advisers and analysts, it provides a repeatable workflow for comparing projects, testing assumptions and identifying the assumptions that matter most.

For governments and other stakeholders, it helps show how changes in commodity prices affect not only shareholder returns but also royalties and tax revenues.

About Stormlands

Stormlands Mining is an AI-first valuation and analytics platform for mining assets and critical minerals. The platform enables users turn technical disclosures into interactive valuation models in minutes, rather than days or weeks. The valuation models are accessible over multiple platforms to all levels users, enabling the user to interact directly with the data to facilitate scenario-planning.

The platform enables users to build discounted cash flow models at scale, test commodity price, capex, opex, tax, royalty rates, discount-rates and production scenarios, and compare opportunities and scenarios.

Stormlands uses its own technology to build the Stormlands Library: a global repository of mining asset valuation models. It has moved beyond a tool for analysts building individual models and is developing a data layer for the mining industry: a structured source of valuation models and illustrative scenarios. This creates a new way for investors, corporates, professional advisers, financial-market users and public-policy stakeholders to screen assets, benchmark projects and understand the key drivers of mining asset economics.

Disclaimer

This publication has been prepared by Stormlands Mining Ltd. for informational, educational and illustrative purposes only. It is based on publicly available information, including NI 43-101 Preliminary Economic Assessment with an effective date of 27 February 2026, together with independent modelling undertaken by Stormlands Mining.

Stormlands Mining has not been engaged by the project owner or its affiliates to prepare this analysis. This publication has not been reviewed, approved or endorsed by the project owner, its advisers, or any Qualified Person associated with the Project.

The analysis presented is not a Preliminary Economic Assessment, Pre-Feasibility Study, Feasibility Study, technical report, mineral resource estimate, mineral reserve estimate, valuation opinion, fairness opinion, investment research report, securities recommendation, offer to sell, solicitation to buy, or investment advice.

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All model outputs are scenario-based and depend on the assumptions used, including commodity prices, exchange rates, discount rates, capital costs, operating costs, taxes, royalties, production schedules, payability, recoveries, treatment and refining charges, timing assumptions and other inputs. Actual results may differ materially from the scenarios presented. Commodity prices, costs, financing conditions, permitting timelines and project development outcomes are uncertain and subject to change.

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Stormlands Conclusion

The Kandiolé case study demonstrates the value of turning NI 43-101 technical disclosure into a dynamic, scenario-ready valuation model.

Using the technical report base case assumptions, Stormlands created a base case valuation of approximately US\$462.1 million NPV. Updating the model to current commodity price assumptions increased project NPV to approximately US\$1.11 billion.

That uplift of approximately US\$648 million illustrates how sensitive gold project valuations can be to commodity price assumptions, and why static technical report numbers can quickly become outdated in fast-moving markets.

The analysis also shows that Kandiolé is primarily driven by gold price, with operating cost as the second most important value driver. Capital cost and discount rate are less influential in the model, reflecting the project's strong early cash flow profile and rapid payback.

Stormlands enables users to extract data from technical reports, build valuation models, update commodity prices, test sensitivities, evaluate downside cases and compare projects in a consistent and transparent way.

The Kandiolé model is part of the Stormlands Mining Library, a growing repository of dynamic mining valuation models built from public technical reports and company disclosures.