

Bravo Mining Corp. Reports Results of Preliminary Economic Assessment for its Luanga PGM+Au+Ni Project

08.07.2025 | [CNW](#)

[Bravo Mining Corp.](#) (TSXV: BRVO) (OTCQX: BRVMF), ("Bravo" or the "Company") is pleased to announce results of an independent Preliminary Economic Assessment ("PEA" or the "Study") on its 100% owned Luanga palladium + platinum + rhodium + gold + nickel deposit ("Luanga deposit" or "Luanga PGM+Au+Ni deposit"), located in the Carajás Mineral Province, Pará State, Brazil.

Highlights of Bravo's 2025 PEA:

- Preliminary Economic Analysis Highlights Luanga's Potential for High Margins & Initial Low Capex
 - The PEA investigated two scenarios, a "Base Case" using flotation concentrate sales to a third-party refiner and an "Alternate Case" envisaging a vertically-integrated operation.
 - Base Case - Concentrate Sales
 - After-tax Net Present Value ("NPV") of US\$1,249 million, using an 8% discount rate.
 - After-tax Internal Rate of Return ("IRR") of 49%.
 - Payback period post-tax of 2.4 years.
 - Initial Capex to NPV ratio: 0.40x.
 - Initial capital expenditures ("CAPEX") of US\$495.8 million and sustaining CAPEX of US\$115.0 million.
 - Average life-of-mine ("LOM") All in Sustaining Costs ("AISC") of US\$638/Oz PdEq¹.
 - Alternate Case - Vertically Integrated Operation
 - After-tax NPV_{8%} of US\$1,861 million.
 - After-tax IRR of 49%.
 - Payback period post-tax of 2.4 years.
 - Initial Capex to NPV ratio: 0.36x.
 - Initial CAPEX of US\$677.6 million and sustaining CAPEX of US\$115.0 million.
 - Average LOM AISC of \$697/oz PdEq¹.
 - Metals price assumptions for both cases: Pd price of US\$1,271/oz, Pt price of US\$1,500/oz, Rh price of US\$6,000/oz, Au price of US\$3,251/oz, Ni price of US\$8.00/lb.
- Multi-Million-Ounce PGM+Au+Ni Resource with 17-year Potential Open-Pit Large-Scale extraction from one of the largest undeveloped shallow PGM deposits globally
 - PEA based on Measured & Indicated ("M&I") Resources of 9.8 million ounces ("Moz") of PdEq¹ and Inferred Resources of 4.3 Moz of PdEq¹. See "Luanga Project 2025 MRE" below for details by metal.
 - Average annual production of payable metals: 255,000 ounces ("Oz") of Palladium ("Pd"), 158,000 Oz of Platinum ("Pt"), 15,000 Oz of Rhodium ("Rh"), 8,500 Oz of Gold ("Au") and 8,549 tonnes of Nickel ("Ni") per annum.
 - Supported by metallurgical tests, achieving the following recoveries:
 - Fresh rock: Pd of 77%, Pt of 81%, Rh of 52%, Au of 50%, and Ni of 62%
 - Average 3.7x Strip Ratio over Years 1 to 5 and 7x over LOM.
- Strategic Geographical Advantage, Abundant Infrastructure and Granted Preliminary License ("LP")
 - Luanga PEA benefits from excellent infrastructure to support project development and operation with access to low-cost hydropower, power lines, sealed roads, rail, water, skilled labour and industry service providers.
 - 100% of the electrical energy consumed at Luanga would come from renewable, hydro-electric sources. This should result in a relatively low carbon footprint from the operations.
 - The most critical, challenging and time-consuming LP permit already secured by Bravo.
 - The Project scale and its diverse mix of critical commodities are well aligned with Brazil's strategy to foster the sustainable supply of strategic minerals in the Country.
 - Luanga Project shortlisted by the Brazilian National Bank for Economic and Social Development ("BNDES") and the Federal Agency for Funding Authority for Studies and Projects in Brazil ("FINEP") as one of the critical metals projects to be considered for potential funding for project development through long-term credit, capital support, and innovation incentives.

"As we approach the third anniversary of our IPO, I'm delighted to mark the occasion with a key milestone:

the delivery of a solid PEA for the Luanga Project. The high margin and low CAPEX to NPV ratio in the PEA is a testament to what can be achieved when careful drilling and strategic planning are applied to a richly endowed geological setting that is also exceptionally well-suited for mine development", said Luis Azevedo, Chairman and CEO. "Further, our team has years of exploration experience coupled with a proven track record of mining permitting, building and operating in the Carajás. This wealth of experience positions us to continue to advance the Luanga Project."

"Importantly, the preliminary economics outlined in the PEA suggest that Luanga - with its large-scale, long-life and open-pit production profile - should be well positioned to withstand commodity cycles and to capitalize on the improving fundamentals of the PGM markets like those we are now experiencing.

"In addition, Luanga's scale and suite of commodities, all deemed critical to Brazil, mean that the Project could potentially benefit from the support of Brazil's Government and associated agencies. We are therefore pleased that Luanga has been shortlisted by the BNDES/FINEP for potential access to funding made available for the in-country development of strategic minerals and sustainable materials. Potential access to such funding has enabled us to explore additional options that could enhance Luanga's Base Case economics, such as vertical integration of the operations to produce the final products within Brazil.

"The PEA does not include any mineral inventory that exists below the pit generated in this preliminary assessment or take into account the exploration potential below the current MRE, along the 8.1km strike length of the deposit. These opportunities offer additional potential to expand the size and/or increase the life of the Project.

"In my opinion, these factors establish Luanga as one of the most compelling undeveloped PGM projects globally.

"Bravo's multidisciplinary approach has been successful in demonstrating Luanga's potential and illustrating how much more value there is yet to be unlocked, including our continued pursuit of copper-gold IOCG targets. All of this has been achieved while maintaining financial discipline and a strong treasury.

"At this milestone, I'd like to acknowledge the dedication of our team and thank our stakeholders and investors for their support over the three years since our IPO. I am looking forward to the next chapters of our journey".

PEA Overview

Once filed (on SEDAR+), readers are encouraged to read the Company's PEA Technical Report prepared in accordance with National Instrument 43-101 - Standards of Disclosure for Mineral Projects ("43-101") in its entirety. The Technical Report contains all qualifications, assumptions and exclusions that relate to the PEA and Mineral Resource Estimate ("MRE") upon which the PEA is based. The Technical Report is intended to be read as a whole, and sections should not be read or relied upon out of context. Further, the PEA represents a point in time estimate and is only a window into the long-term potential of the asset given the indications of continued mineralization at depth.

The Company retained GE21 Consultoria Mineral Ltda. as Bravo's independent engineering consultants (with offices located in Belo Horizonte, Minas Gerais, Brazil), to prepare the PEA in accordance with NI 43-101.

The PEA is based on the most recent (2025) MRE for the Luanga Project (see later section: Luanga Project 2025 MRE and press release published on February 18, 2025).

Approximately 67% of mineralized material assumed to be processed in the PEA comes from mineral resources that are currently classified as Measured and Indicated. The PEA is preliminary in nature and includes inferred mineral resources (approximately 33% of total mineral resources) that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves. It is uncertain but reasonably expected that further exploration would convert Inferred mineral resources to Indicated mineral resources. There is no certainty that the outcome of

the PEA will be realized.

¹Note on Palladium Equivalent - For grades by individual metals, see Table 11 under Luanga Project 2025 MRE section, where the footnotes also detail the basis of the Palladium Equivalent calculation.

The Luanga Deposit is assumed to be developed as a conventional open pit ("OP") mining and milling operation, with on-site treatment of the mined mineralized material. The Base Case scenario considers processing through a conventional froth flotation plant with a nameplate processing capacity of 27,700 tonnes per day ("tpd") or 10 million tonnes per annum ("Mtpa") at full scale, producing a single saleable concentrate to be transported and sold to a third-party smelter. The Alternate Case (vertically-integrated) scenario considers the same Base Case scenario, but with the addition of onsite downstream processing to produce a highly concentrated metal matte for sale directly to a refinery to produce LME grade final metals, resulting in higher payabilities for the metals produced.

Table 1 presents the financial highlights from the PEA, over the LOM.

Item	Unit	Base Case	Alternate Case
		(Concentrate Sales)	(Vertical Integration)
		Value	Value
Total Site Costs*	US\$/oz PdEq ¹	608.6	663.4
Government Royalties	US\$/oz PdEq ¹	20.8	24.9
Total Operating Costs*	US\$/oz PdEq ¹	629.4	688.3
All in Sustaining Costs*	US\$/oz PdEq ¹	638.1	697.1
Capital Costs			
Total Initial Capital Cost	US\$ Million	496.0	677.6
Sustaining Capital Cost	US\$ Million	97.1	97.1
Closure Costs	US\$ Million	17.9	17.9
Life-of-Mine Total Capital Cost	US\$ Million	611.0	792.6
Financial evaluation			
Average Annual Net Revenue*	US\$ Million	643.7	788.7
Average Annual Free Cashflow*	US\$ Million	143.1	216.8
After-tax NPV @ 8% discount	US\$ Million	1,249	1,861
After-tax IRR	%	49.7 %	49.6 %
CAPEX/NPV Ratio*		0.40	0.36
Payback**	Years	2.4	2.4

*See Non-IFRS Measures below; ** Post-construction payback

Table 1: PEA Highlights

PEA Summary

Mining

Luanga is characterized by consistent geological continuity, near-surface mineralization, and steeply dipping mineralised zones. The shape of the mineralisation makes it highly amenable to open-pit extraction.

The PEA contemplates conventional OP mining using a truck-and-shovel operation. Over the period under study (a preliminary estimate of a 17-year mine life), mineralized material would be sourced from three open cuts, following an initial pre-strip and stockpiling ahead of plant commissioning. The mining sequence would utilize 10-metre-high benches. Drilling, blasting, loading, and hauling are assumed to be performed by contractors.

The contemplated primary loading fleet includes 539-tonne hydraulic shovels with 29 m³ buckets and front-end wheel loaders with 19 m³ capacity buckets, paired with 246-tonne haul trucks. Additional fleet components, including 90-tonne and 45-tonne excavators, are envisaged for waste removal and mining of any narrower zones.

Maximum material movement is projected to peak at 103.6 Mtpa (approximately 284,000 tpd). Over the LOM, a total of 1,308 million tonnes should be extracted, including 165 million tonnes of mineralised material.

Waste rock would be placed in a designated storage facility. Tailings would be directed to a dry-stack storage near the plant, with capacity for LOM tailings impoundment. For the sake of simplicity and focus on value, the current PEA does not contemplate processing the Oxide component of the MRE. Oxide mineralisation will require additional plant design and expenditures and is considered best re-visited at a later date. In the interim and for this study, mineralized oxide material would be stockpiled. See the "Opportunities" section below.

Processing

The PEA assumes a process plant ramping up from 5.0 Mtpa of throughput capacity, or approximately 13,700 tpd, following construction and commissioning, to 10.0 Mtpa (27,400 tpd full capacity) within 24 months.

The contemplated traditional flotation plant is designed to produce a nickel-gold-platinum group metals (Ni-Au-PGM) concentrate containing palladium, platinum, rhodium, gold, and nickel. The flowsheet incorporates a conventional comminution circuit consisting of a semi-autogenous grinding (SAG) mill followed by a ball mill (SAB circuit).

Beneficiation of the mineral products would be undertaken by conventional froth flotation. The circuit is a conventional one, including rougher, scavenger, and cleaner flotation units. Based on average feed grades, the plant would be expected to achieve average metallurgical recoveries (into a flotation concentrate) of 77% for palladium, 81% for platinum, 52% for rhodium, 50% for gold, and 62% for nickel.

The circuit flowsheet would also include concentrate thickening, filtration as well as tailings thickening, filtration and dry stacking. The incorporation of dry stacking and water reclaim facilities demonstrates that Bravo is proposing to use best industry standards in plant design.

The vertically-integrated Alternate Case has also been investigated, whereby the final metal products are produced by Bravo locally rather than the flotation concentrate being exported to third party refineries.

This integrated scenario considers the possible treatment of flotation concentrates through conventional calcination/roasting for sulphur extraction, followed by a well established reductive pyrometallurgical process. Pre-removal of sulphur and sulphuric acid production would ensure compliance to local SO₂ emissions standards and provide addition revenue stream through the sale of acid to locally based fertilizer producers, where there is high demand due to a reliance on imported acid to produce fertilizer. As part of the PEA, sulphuric acid generation volumes were calculated based on average expected concentrate quality. A sulphuric acid sales credit of \$160/t of acid produced was assumed as part of the vertical integration scenario.

Mine Production Plan

The assumed LOM production is summarized in Table 2.

	Units	Value
LOM Throughput		
Peak Process Plant Throughput	tpd	27,700
	Mt/year	10.1
Peak Mining Rate	tpd	283,900
	Mt/year	103.6
Mine Production (LOM)		
Total Mined	Mt	1,319
Total Waste Mined	Mt	1,153
Total Run-of-Mine ("ROM") Mined	Mt	165
Strip Ratio	t/t (Waste/ROM)	7.0
Payable Metal (LOM)		
Palladium	Thousands of ounces ("kOz")	4,337
Platinum	kOz	2,689
Rhodium	kOz	254
Gold	kOz	145
Nickel	Tonnes	145,336

Table 2: Production Summary

The production schedule assumes a 17-year LOM, where Figures 2 and 3 illustrate the annual metal production by contained metal.

Capital Costs

The estimated initial CAPEX for construction and ramp-up, together with expected sustaining capital and closure costs, are presented in Table 3 below. These estimates are to an AACE Class 4 estimate (-30%/+50%). The capital cost estimate includes a 20% contingency factored in each appropriate CAPEX item.

	Concentrate Sales Scenario			Vertical Integration Scenario		
	(Base Case)			(Alternate Case)		
CAPEX	Initial CAPEX	Sustaining	Total CAPEX	Initial CAPEX	Sustaining	Total CAPEX
Mining Preparation	4.1	4.2	8.3	4.1	4.2	8.3
Accesses	1.5	0.0	1.5	1.5	0.0	1.5
Equipment Mob/Demobilization	1.1	13.7	14.8	1.1	13.7	14.8
Pre Stripping	25.0	0.0	25.0	25.0	0.0	25.0
Waste Dump Preparation	5.0	4.8	9.8	5.0	4.8	9.8
Dry Stacking Facility	8.3	0.0	8.3	8.3	0.0	8.3
Ancillary Facilities	17.4	0.0	17.4	17.4	0.0	17.4
Construction site	2.0	0.0	2.0	2.0	0.0	2.0
Transmission Line and Electric Substation	17.3	0.0	17.3	17.3	0.0	17.3
Mine Closure	0.0	17.9	17.9	0.0	17.9	17.9
Concentration Plant	283.2	0.0	283.2	283.2	0.0	283.2
Plant Infrastructure	36.0	74.4	110.4	36.0	74.4	110.4
Pyrometallurgical Plant (Incl. Indirect Costs) -	-	-	-	181.9	-	181.9
Indirect (EPCM, Consultants, etc.)	94.8	0.0	94.8	94.8	0.0	94.8
Total	495.8	115.0	610.8	677.6	115.0	792.6

Table 3: CAPEX Estimates

Operating Costs

The Luanga Project operating costs ("OPEX") are presented in Table 4.

Description	Unit	OPEX
- Mine OPEX	US\$/t processed	22.80
- Process OPEX	US\$/t processed	12.12
- Freight	US\$/t processed	0.94
- OPEX G&A	US\$/t processed	5.00
Total OPEX:	US\$/t processed	40.86

Table 4: OPEX Estimates

The average life-of-mine US\$/t cost of material moved is \$2.85. The vertical integrated model assumes an additional US\$4.62 per tonne processed operating expenditure, offset materially by increased payabilities and credits from sulphuric acid.

Economic Analysis

The cash flow model was based on the assumed production schedule, associated metal grades, metallurgical recoveries and capital and operating costs outlined in this news release.

Table 5 shows the Luanga Project's PEA highlights.

		Concentrate Sales Vertical Integration	
		Scenario	Scenario
		(Base Case)	(Alternate Case)
Item	Unit	Value	Value
Total Site Costs*	US\$/oz PdEq ¹	608.6	663.4
Government Royalties	US\$/oz PdEq ¹	20.8	24.9
Total Operating Costs*	US\$/oz PdEq ¹	629.4	688.3
All in Sustaining Cost*	US\$/oz PdEq ¹	638.1	697.1
Capital Costs			
Total Initial Capex	M US\$	496	677.6
Sustaining Capital	M US\$	97.1	97.1
Closure Costs	M US\$	17.9	17.9
Life-of-Mine Total Capital Cost	M US\$	611	792.6
Financial evaluation			
Average Annual Net Revenue*	M US\$	643.7	788.7
Average Annual Free Cashflow*	M US\$	143.1	216.8
After-tax NPV @ 8%	M US\$	1,249	1,861
After-tax IRR	%	49.7	49.6
CAPEX/NPV Ratio*	1:1	0.40	0.36
Payback**	Years	2.4	2.4

*See non-IFRS measures below; ** Post-construction payback

Table 5: PEA Highlights

The payabilities applied to the Concentrate Sales Base Case economic model were benchmarked from publicly available data from various other mines selling PGM concentrates through a third-party refiner, inclusive of treatment charges. The economic analysis assumes all handling and logistics costs associated with shipping of concentrates to a Southern African smelter. Payabilities used in the PEA Base Case are detailed in Table 6. For the Alternate Case, sales prices are assumed at LME pricing.

Metal	Payability (%)
Pd	85
Pt	85
Rh	84
Au	84
Ni	72

Table 6: Base Case Payabilities by metal

Sensitivity Analysis

Sensitivity analysis considered variations to metal pricing, CAPEX, OPEX, and NPV Discount Rate for both the Base Case (Concentrate Sales) scenario and the Alternate Case (Vertical Integration) scenario.

Figures 4, 5, and Table 7 present the Sensitivity Analyses for the Luanga Project PEA.

NPV Sensitivity to Discount Rate

Discount Rate	Unit	Base Case Scenario (Concentrate Sales)	Alternate Case Scenario (Vertical Integration)
6 %	US\$ Million	1,487	2,223
8% (Base Case)	US\$ Million	1,249	1,861
10 %	US\$ Million	1,055	1,568

Table 7: Base & Alternate Case Scenario Sensitivity Analysis of Discount Rate

The PEA is based on the Company's MRE with an effective date of February 18, 2025. The effective date of the PEA is July 7, 2025. A NI 43-101 compliant technical report summarizing the results of the PEA will be filed on the Company's website and under its SEDAR+ profile within 45 days of this news release.

Mine Production Schedule

Tables 8 and 9 below set out the projected LOM annual production schedules.

Year	ROM	Pd	Pt	Rh	Au	Ni	Waste*	Strip	Total
	(Mt)	(g/t)	(g/t)	(g/t)	(g/t)	(%)	(Mt)	(t/t)	Moved (Mt)
0	-	-	-	-	-	-	10.0	-	10.0
1	5.1	1.09	0.63	0.10	0.07	0.14	25.6	5.1	30.7
2	10.0	1.10	0.63	0.09	0.07	0.15	31.1	3.1	41.1
3	10.0	1.28	0.63	0.09	0.07	0.20	33.7	3.4	43.7
4	10.0	1.32	0.64	0.10	0.06	0.18	32.4	3.2	42.4
5	10.1	1.02	0.69	0.11	0.05	0.14	33.4	3.3	43.5
6	10.0	1.00	0.60	0.09	0.05	0.13	93.6	9.3	103.6
7	10.0	1.00	0.60	0.09	0.05	0.13	93.6	9.3	103.6
8	10.0	1.00	0.60	0.09	0.05	0.13	93.6	9.3	103.6
9	10.0	1.00	0.60	0.09	0.05	0.13	93.6	9.3	103.6
10	10.0	1.00	0.60	0.09	0.05	0.13	93.6	9.3	103.6
11	10.0	1.03	0.65	0.10	0.05	0.14	84.0	8.4	94.0
12	10.0	1.03	0.65	0.10	0.05	0.14	84.0	8.4	94.0
13	10.0	1.03	0.65	0.10	0.05	0.14	84.0	8.4	94.0
14	10.0	1.03	0.65	0.10	0.05	0.14	84.0	8.4	94.0
15	10.0	1.03	0.65	0.10	0.05	0.14	84.0	8.4	94.0
16	9.9	1.09	0.59	0.09	0.05	0.14	49.6	5.0	59.5
17	9.9	1.09	0.59	0.09	0.05	0.14	49.6	5.0	59.5
Total	165.3	1.06	0.63	0.09	0.06	0.14	1,153	7.0	1,319

Table 8: Mine Plan - Production Schedule.

Notes:

- Mining Recovery factor of 95%. Mining Dilution factor of 5%.
- Mine Plan cutoff grade of 0.87 g/t PdEq was applied.
- * 'Waste' Includes stockpiled oxide and sulphide mineralized material

Year	ROM	Pd	Pt	Rh	Au	Ni
	(Mt)	(kOz)	(kOz)	(kOz)	(kOz)	(kt)
0	-	-	-	-	-	-
1	5.1	178	103	17	11	7
2	10.0	352	202	30	24	15
3	10.0	412	204	30	22	20
4	10.0	424	207	32	19	18
5	10.1	332	224	35	16	14
6	10.0	321	194	28	16	13
7	10.0	321	194	28	16	13
8	10.0	321	194	28	16	13
9	10.0	321	194	28	16	13
10	10.0	321	194	28	16	13
11	10.0	331	208	31	17	14
12	10.0	331	208	31	17	14
13	10.0	331	208	31	17	14
14	10.0	331	208	31	17	14
15	10.0	331	208	31	17	14
16	9.9	347	189	28	17	14
17	9.9	347	189	28	17	14
Total	165.3	5,652	3,328	491	293	237

Table 9: Production Schedule by Metal.

Metallurgy Recoveries

Metallurgical recoveries used in the 2025 MRE and, where applicable, the PEA are as follows:

- Sulphide (Fresh rock) recovery inputs: Pt 81%, Pd 77%, Rh 51%, Au 48%, Ni 50% (for an >=80g/t concentrate).
- High talc recovery inputs: Pt 55%, Pd 51%, Au 27%, Rh 27%, (for an >=80g/t concentrate) - less than 1% of the mineralized material contemplated for processing in the PEA.
- Oxide recovery inputs: Au 90%, Pd 81%, Rh 54%, Pt 23% (for an >=80g/t concentrate) - not used in the PEA.

Fresh rock recoveries used in the 2025 MRE calculation are based on results generated from multiple phases of laboratory flotation testwork performed by Bravo (117 flotation tests) and three programs of historical flotation testwork, including two historical pilot plant tests. Results indicate that Luanga mineralization has the metallurgical character to potentially produce saleable PGM + sulphide Ni concentrates at grades in line with grades achieved for PGM operators in established jurisdictions around the world, including concentrate grades of >=80g/t PGM, 5-10% Ni + Sulphur of 15-20%, at the feed grade range of 2g/t PGM.

Bravo testwork considered geospatially representative samples with feed grades ranging from 0.9 - 7.0 g/t PdEq¹. Final concentrate grades produced in the Bravo test work ranged from 37-475 g/t PGM. Metallurgical recovery assumptions are based on target concentrate grade of 80g/t PGM.

Input assumptions for the generation of the MRE constraining pit were derived from a grade-recovery curve based on relevant results generated from the 2022 - 2024 test work programs. Where applicable, specific recoveries have been assigned to geological domains that demonstrate materially different metallurgical character and performance relative to the general mineralization observed across the Luanga deposit.

Mini plant tests were also conducted to generate a wide spectrum of concentrate chemistries for pyrometallurgical evaluation. Metallurgical data generated from the mini plant tests were further incorporated into the MRE assumptions. The sample source for the mini plant were inherited, historical, large diameter diamond cores, drilled into a localized, high talc zone in the SW sector of the Luanga deposit. Recoveries achieved were broadly in line with current assumptions (73% combined PGM+Au) but, due to high talc contamination (0.85% of MRE), target concentrate grade was not achieved under the utilised circuit configuration (35g/t). Recovery assumptions for the high talc zone were dominated separately, while recoveries for all other zones are based on an 80g/t concentrate. The resultant reduced metallurgical recovery assumption of 51% (4E PGM) was assigned to the high talc domain for pit selection.

Metal Price Assumptions

Metal prices for the preliminary economic assessment were assumed on a long term, real basis.

Assumed platinum, palladium and nickel long prices are based on the long term, real forecast provided by Investec, through Consensus Economics Inc., as published in June 2025. Investec is a UK and South African based financial institution with extensive experience in the PGM mining sector. No long term, real forecasts are available for rhodium; a review was conducted of peer economic study forecasts, as well as recent market trends and pricing behaviour in order to determine the appropriate pricing for rhodium. The gold price assumption is based on Consensus Economics long term, real forecast as of June 2025. In the PEA economic analysis, the platinum price assumption was reduced from Investec's forecast of \$1,600/oz to \$1,500/oz as a conservative adjustment in the light of recent market and price volatility in the platinum market, albeit in a current upward trend.

Metal Price Assumptions are shown in Table 10.

Commodity Luanga 2025 PEA Price Source		Spot price at time of	
	Deck, US\$		determination, US\$
Palladium	1,271	Investec LT Real June 2025	1,172
Platinum	1,500	Investec LT Real June 2025	1,444
Rhodium	6,000	GE21	5,540
Gold	3,251	Consensus Economics LT	3,336
		Real June 2025	
Nickel	17,637	Investec LT Real June 2025	15,100

Table 10: Metal Price Assumptions.

Based on the assumed PEA Production Schedule and the metal price deck in Table 10, the pie chart, Figure 6, shows the value contribution to Revenue by metal produced.

Vertical Integration Optionality

Due to the anticipated production scale and long LOM which the Luanga deposit may support, and with potential support of the National Bank for Economic and Social Development ("BNDES") and the Brazilian Financial Agency for Studies and Project ("FINEP") initiatives to provide access to a low cost of capital for in-country development of strategic minerals and sustainable materials, vertical integration has been considered as an Alternate Case for the potential future operation.

Luanga is located distal to major downstream processing centres globally and the Project could potentially benefit from the maximisation of net returns on metal sales and savings in logistics costs if vertical integration were adopted.

Furthermore, according to the ANM (Brazil's National Mining Agency) and COMEXStat (Brazil's official foreign trade statistics system), Brazil imported approximately 460,000 ounces of PGMs in 2024 to support its automotive, chemical, and manufacturing industries.

Significant local demand for refined metal therefore exists locally and could potentially be supplied directly in-country.

The vertical integration study has assumed a conventional roasting and reductive pyrometallurgical process to treat flotation concentrates producing individual element precious metals and nickel.

The Company completed an extensive review of options for downstream processing with key factors including technology appropriateness, technology risk, performance, capital and operating costs, and environmental considerations. Based on this review, Bravo has initiated the process of seeking technological and commercial partners for the downstream processing facility.

The PEA is prepared on a 100% equity funding basis and does not assume any funding from BNDES or FINEP.

Project Opportunities

- Processing of Stockpile - Approximately 30Mt of sulphide mineralised material is contemplated to be stockpiled that is below the total cut-off grade but above the marginal treatment grade. This material could be supplied to the processing plant at the end of the production schedule which would extend the LOM to approximately 20 years.
- Oxide Mineral Resources - Also excluded from the PEA is processing of Oxide mineralized material, where approximately 13Mt has been defined through a combination of surface trenches and drilling. Initial metallurgical testing suggests potential for economic recoveries, and more test work is planned. If incorporated into future studies, additional plant components would be required that are not considered in this PEA.
- Metallurgy - There is potential for further improvements to metallurgical recoveries and optimization of processing reagent consumption during more detailed future study phases, which could involve more exhaustive and larger scale pilot plant testwork. Test work is continuing.
- Toll Treatment Agreement - The Base Case Concentrate Sales scenario currently contemplates a traditional sales contract. However, certain third-party producers in Southern Africa also operate under toll treatment agreements. This may provide the Company with the opportunity to see further benefit in Net Smelter Return ("NSR") achieved. In a toll treatment scenario, Bravo would be responsible for the marketing and logistics of final metal products.
- Processing and Export Free Trade Zone (ZPE) - The Economic Development Company of Pará (CODEC), in partnership with Bravo, has applied to the Brazilian Federal Government (MDIC) to include Bravo into the Processing and Export Free Trade Zone (ZPE) at the Port of Vila do Conde. If approved, Bravo would be permitted to construct its downstream processing facility within the ZPE, benefitting from the associated import and export, and other fiscal and taxation exemptions. In due course, Bravo may conduct a trade-off study to investigate the optimal location (on-mine vs ZPE) for such a downstream processing facility.

- **BNDES and FINEP Funding** - Bravo Mining's Luanga Project has been selected by the Brazilian National Bank for Economic and Social Development ('BNDES') and the Federal Agency for Funding Authority for Studies and Projects in Brazil ('FINEP'), as one of the successful companies to receive significant potential funding to progress its Luanga Project and downstream facility. This initial round of funding from BNDES and FINEP aims to deploy BRL \$5 billion (US \$903 million) across leading strategic mineral projects in Brazil. Having now been formally selected, Bravo has initiated discussions with BNDES and FINEP to explore the potential funding structure, which includes economic grants, debt facilities and equity participation. The program aims to develop sustainable supply chains for critical minerals, including PGMs, within Brazil. The funding encompasses various forms of financial support to invest in a range of projects, including commercial-scale plants, pilot facilities, demonstration projects and necessary research studies, depending on the stage of the projects and technologies involved.
- **MRE Growth Potential** - The Company also believes that there is further potential to add to the 2025 MRE at Luanga, since the mineralization is open at depth along the entire 8.1km of strike of the Luanga Project, and the MRE constraining pit is limited by the depth of existing drilling. Please refer to press release published on February 18, 2025 .
- **IOCG-Style Discovery** - The PEA does not factor in the recent copper-gold discoveries on the Project, outside of the Luanga Deposit, which may provide other opportunities for production.

Project Risks

- The PEA incorporates Inferred mineral resources into the assumed production schedule. Additional work would be required to upgrade the confidence level of this material before it could be included in a pre-feasibility study. While it is reasonably expected that such upgrading would be successful, it is not certain that all such Inferred would be upgraded.
- The market for PGM-Ni concentrates is relatively limited in scale and participants. Bravo has not entered into any offtake agreements at this time, and market interest in and capacity to handle Luanga's contemplated concentrate production may not be available on the same terms and conditions as assumed in the PEA.
- The PEA assumes that the Luanga Project would be eligible for SUDAM tax benefits (see below), but Bravo has not yet made application for eligibility.

Luanga Project 2025 MRE

The PEA is based upon the Company's 2025 pit constrained MRE (Table 11), which has an effective date of February 18, 2025. The PEA does not contemplate processing the Oxide component of the MRE, which would require an additional processing plant, configured for oxide material. Mineralized Oxide material would be removed and stockpiled as part of the pre-stripping stage of the open pits, for which material movement costs are assumed in this PEA.

The MRE comprises of 158 Mt grading 2.04 g/t PdEq¹ ("Palladium Equivalent") for a total of 10.4 Moz of PdEq¹ in the Measured + Indicated category, and 78 Mt grading 2.01 g/t PdEq¹ for 5.0 Moz PdEq¹ in the Inferred category. Table 8 shows a breakdown of the MRE by tonnage, grade and metal content for each metal, weathering type, and resource classification category.

¹ Note on Palladium Equivalent - For grades by individual metals, see Table 11 below, where the footnotes also detail the basis of the Palladium Equivalent calculation.

Mineral resources that are not mineral reserves do not have demonstrated economic viability. There is no certainty that all mineral resources would be converted into mineral reserves. This MRE includes Inferred Mineral Resources which have not had sufficient work to classify them as Indicated mineral resources. It is uncertain but reasonably expected that inferred mineral resources could be upgraded to indicated mineral resources with continued exploration. For further information please refer to the 2025 MRE NI 43-101 Independent Technical Report (SEDAR+) with an effective date of February 18, 2025.

Note that the assumed PEA production schedule is based on a subset of this 2025 MRE and uses a higher cut-off grade (0.87g/t PdEq for the PEA versus 0.5g/t PdEq for the MRE) to provide what Bravo deems to be an optimal return in the PEA economic model, which also excludes consideration of Oxide material at this point in time.

Resource	Weathering Average Grades and Contained Metal Estimates										
Classification		Tonnes PdEq			Pd		Pt	Rh		Au	
		Mt	g/t	Oz	g/t	Oz	g/t	Oz	g/t	Oz	g/t
Measured	Oxide	4	1.51	197	0.90	117	0.88	115	0.12	15	0.057
	High talc	-	-	-	-	-	-	-	-	-	-
	Fresh Rock	32	2.06	2,144	0.97	1,009	0.67	694	0.08	88	0.044
	Total	36	2.00	2,340	0.96	1,126	0.69	809	0.09	104	0.045
Indicated	Oxide	6	1.51	314	0.97	200	0.73	151	0.11	23	0.049
	High talc	2	1.83	146	1.12	89	0.54	43	0.08	6	0.119
	Fresh Rock	113	2.09	7,599	0.99	3,583	0.59	2,133	0.09	318	0.051
	Total	122	2.06	8,058	0.99	3,872	0.59	2,326	0.09	348	0.052
Measured + Indicated	Oxide	10	1.51	510	0.94	317	0.79	266	0.11	38	0.041
	High talc	2	1.83	146	1.12	89	0.54	43	0.08	6	0.119
	Fresh Rock	145	2.08	9,743	0.98	4,592	0.60	2,827	0.09	407	0.052
	Total	158	2.04	10,399	0.98	4,998	0.62	3,135	0.09	451	0.052
Inferred	Oxide	3	1.57	130	0.88	73	1.04	86	0.13	11	0.054
	High talc	0.1	1.76	5	1.08	3	0.53	2	0.07	0	0.100
	Fresh Rock	75	2.02	4,878	0.97	2,344	0.58	1,389	0.08	191	0.051
	Total	78	2.01	5,013	0.97	2,421	0.59	1,476	0.08	202	0.051

Table 8: MRE Declaration at a Cut-off of 0.5g/t PdEq*

Table 11: Luanga Project 2025 MRE

Notes to the MRE:

1. The 2025 MRE was prepared by Bernardo Horta de Cerqueira Viana, Geologist, BSc (Geology), FAIG, CEO of GE21 Mineral Ltda. and Porfírio Cabaleiro Rodriguez, Mining Engineer, BSc (Mine Eng), FAIG, CKO of GE21 Consultoria Mineral, an independent Qualified Person ("QP") for the purposes of National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101"). The effective date of the MRE is 18 February 2025.
2. Mineral resources are reported using the 2014 CIM Definition Standards and were estimated in accordance with the CIM Best Practices Guidelines, as required by National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101").
3. The MRE Estimate is reported/confined within an economic pit shell generated by Dassault Geovia Whittle software, following assumptions:
 - Generated from work completed by Bravo and historical test work:
 - Metallurgical recovery in sulphide material of 77% Pd, 81% Pt, 51% Rh, 48% Au, 50% Ni to a Ni-PGM concentrate
 - Metallurgical recovery in oxide material of 81% Pd, 23% Pt, 54% Rh, 90% Au to a PGM ash residue (Ni concentrate)
 - Metallurgical recovery in high-talc sulphide material of 51% Pd, 55% Pt, 27% Rh, 27% Au, 50% Ni to a Ni-PGM concentrate
 - Independent Geotechnical Testwork - Overall pit slopes of 40 degrees in oxide and 50 degrees in Fresh Rock
 - Densities are based on 27,170 drillhole core and 112 in situ samples density measurements. The Mineral Resource is reported on a dry density basis.
 - External downstream payability has not been included, as the base case MRE assumption considers intermediate processing, with operating costs for downstream processing included in the calculation of the 0.5g/t PdEq
 - Payable royalties of 2%. (Considering CFEM, for reserves a complete set of royalties must be considered)
 - Metal Pricing
 - For the 2025 MRE, the same pricing regime was used as in the 2023 MRE as there have been no significant price changes. This also allows for a direct comparison between the new 2025 MRE and the now defunct 2023 MRE (trailing average - 2014-2023): Pd price of US\$1,380/oz, Pt price of US\$1,100/oz, Rh price of US\$6,200/oz, Au price of US\$1,500/oz, Ni price of US\$7.10/lb.
 - Palladium Equivalent ("PdEq¹") Calculation:
 - The PdEq equation is: $PdEq^1 = Pd \text{ g/t} + F1 + F2 + F3 + F4$
 - Where: $F1 = (Ptp \cdot PtR) / (Pdp \cdot PdR)$ Ptt $F2 = (Rhp \cdot RhR) / (Pdp \cdot PdR)$ Rht $F3 = (Aup \cdot AuR) / (Pdp \cdot PdR)$ Aut $F4 = (Nip \cdot NiR) / (Pdp \cdot PdR)$ Nit
 - R = Metallurgical Recovery
 - P = Metal Price
 - Costs are taken from comparable projects in GE21's extensive database of mining operations in Brazil, which includes operating mines, but recent actual costs from what could potentially be similarly sized operating mines in the Cuiabá region are considered a throughput rate of ca. 10Mtpa.
 - Mining costs: US\$2.00/t oxide, US\$3.00/t Fresh Rock. Processing costs: US\$9.00/t fresh rock, US\$7.50/t oxide, US\$1.00/t processed, for General & Administration. US\$1.00/t processed for grade control. US\$0.50/t processed for assay.
 - Several of these considerations (metallurgical recovery, metal price projections for example) should be regarded as preliminary in nature, and therefore PdEq¹ calculations should be regarded as preliminary in nature.
4. The 2025 MRE supersedes and replaces the Previous Estimate (2023), which should be no longer relied upon.
5. The QP is not aware of political, environmental, or other risks that could materially affect the potential development of the Mineral Resources other than those typical for mining projects at this stage of development, including those listed in the Technical Report dated October 22nd, 2023, and in the Company's Annual Information Form dated April 22nd, 2024.
6. Totals may not sum due to rounding.

Permitting

On March 3, 2025, the Pará State Environmental Agency (Secretaria de Estado de Meio Ambiente e

Sustentabilidade - SEMAS) granted the preliminary license ("LP") to the Luanga Project.

The Brazilian mine permitting process consists of three key stages: the preliminary license ("LP"), which has been granted, followed by the installation license ("LI") and, finally, the license to operate ("LO"). The LP is the most critical, time-consuming and challenging to secure, as it defines the project's fundamental parameters and requires both environmental feasibility and social acceptance - both of which were affirmed during the successful public hearing in December 2024. See news release dated March 3, 2025 for additional information.

The granted LP provides for the extraction and processing of metallic minerals, including platinum group metals as well as for nickel, copper and gold. The subsequent LI is applied for as a prerequisite for the commencement of construction activities, while the final license (LO) is granted upon completion of construction and the start of operations.

SUDAM Taxation Benefit

Companies located in the Amazon region may benefit from certain tax incentives. SUDAM is an administratively and financially independent federal government agency that oversees development in the Amazon region. The region includes the state of Pará in which the Project is located. Under the concession program, companies can receive either partial or complete tax exemption on income taxes for Brazilian companies.

The tax exemption applies only to income from facilities operating in the designated region and consists of a reduction of 75% off the regular corporate income tax (25%). For the purposes of the PEA, the financial model factors in a reduction of the corporate income tax rate plus social contribution of 34% (25% + 9%) to the 15.25% (25% * 0.25% + 9%) rate available under the SUDAM regime for the Project. The concession is available for an initial period of 10 years of operation.

The PEA assumes that the Luanga Project would be eligible for SUDAM tax exemption, but this can only be confirmed once an application has been submitted and approved.

About Bravo Mining Corp.

Bravo is a Canadian and Brazil-based mineral exploration and development company focused on advancing its PGM+Au+Ni Luanga Project, as well as our Cu-Au exploration opportunities in the world-class Carajás Mineral Province, Para State, Brazil.

Bravo is one of the most active explorers in Carajás. The team, comprising of local and international geologists and engineers, has a proven track record of PGM, nickel, and copper discoveries in the region and elsewhere. The individuals in the team have successfully taken a past IOCG greenfield project from discovery to development and production in the Carajás.

The Luanga Project is situated on mature freehold farming land and benefits from being located close to operating mines and a mining-experienced workforce, with excellent access and proximity to existing infrastructure, including road, rail, ports, and hydroelectric grid power. Bravo's current Environmental, Social and Governance activities include planting more than 30,000 high-value trees in and around the project area in the past 30 months, while hiring personnel and contracting services locally.

Technical Disclosure

Technical Disclosure and Qualified Persons

Bernardo Horta de Cerqueira Viana, Geologist, BSc (Geology), FAIG, CEO of GE21 Consultoria Mineral Ltda. and Porfírio Cabaleiro Rodriguez, Mining Engineer, BSc (Mine Eng), FAIG, CKO of GE21 Consultoria Mineral Ltda., both are an Independent QP as defined in NI 43-101 and are responsible for the PEA.

Independent peer reviews were carried out internally within the GE21 Group, over the complete PEA process.

Mr. Cabaleiro has reviewed and approved the scientific and technical information related to the PEA contained in this news release.

Technical information in this news release has been reviewed and approved by Simon Mottram, F.AusIMM (Fellow Australia Institute of Mining and Metallurgy), President of Bravo Mining Corp. who serves as the Company's "qualified person" as defined in NI 43-101. Mr. Mottram has verified the technical data and opinions contained in this news release.

Details of the PEA will be provided in a technical report with an effective date of July 7, 2025, prepared in accordance with NI 43-101, which will be filed under the Company's SEDAR+ profile within 45 days of this news release.

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

Forward Looking Statements

This news release contains forward-looking information which is not comprised of historical facts. Forward-looking information is characterized by words such as "assume", "substantial", "solid", "improve", "increase", "significant", "success", "potential", "opportunity", "well positioned", variants of these words and other similar words, phrases, or statements that certain events or conditions "could", "may", "should", "will" or "would" occur. This news release contains forward-looking information pertaining to the Company's 2025 PEA; the potential for future MRE growth from deeper drilling; the potential to incorporate mineralized material within the pit but stockpiled as below cut-off into future economic studies; the potential to process the oxide mineralized material and the economics thereof; whether or not current or future discoveries of copper-gold mineralization at Luanga will have sufficient economic merit to consider development; potential repeatability and improvements to the economic assumptions and/or to metallurgical recoveries used in the PEA and MRE in future studies; the potential to convert some or all of the MRE to mineral reserves through economic studies and the timing and results of any such studies; the assumption that onsite vertical integration/downstream processing will be technically and economically feasible and that an experienced partner will be identified and terms of a relationship be acceptable to Bravo; the carbon intensity of any future operation; whether of funding from BNDES and FINEP will be made available to Bravo and, if so, on what terms; the ultimate cost of power for any future mine developed; the duration and prices in future commodity cycles; whether more value can be unlocked within the Luanga in the future; changes in the exchange rate between the US\$ and Brazilian Real; the results of subsequent stages of permitting, including but not limited to the timing, granting and conditions of the LI and LO referred to herein; the outcomes of future economic studies and the Company's plans in respect thereof. Forward-looking information involves risks, uncertainties and other factors that could cause actual events, results, and opportunities to differ materially from those expressed or implied by such forward-looking information. Factors that could cause actual results to differ materially from such forward-looking information include, but are not limited to, unexpected results from exploration programs, changes in the state of equity and debt markets, fluctuations in commodity prices, delays in obtaining required regulatory or governmental approvals, environmental risks, limitations on insurance coverage; and other risks and uncertainties involved in the mineral exploration and development industry. Forward-looking information in this news release is based on the opinions and assumptions of management considered reasonable as of the date hereof, including, but not limited to, the assumption that the assay results confirm that the interpreted mineralization contains significant values of nickel, PGMs and Au; that the mineralization remains open at depth, that PGM and/or Ni grades and mineralized thicknesses are improving at depth; that activities will not be adversely disrupted or impeded by regulatory, political, community, economic, environmental and/or health and safety risks; that the Luanga Project will not be materially affected by potential supply chain disruptions; and general business and economic conditions will not change in a materially adverse manner. Although the Company believes that the assumptions and factors used in preparing the forward-looking information in this news release are reasonable, undue reliance should not be placed on such information. The Company disclaims any intention or obligation to update or revise any forward-looking information, other than as required by applicable securities laws.

Cautionary Note for U.S. Investors Concerning Mineral Resources and PEA (Scoping Study in SEC S-K 1300)

This news release has been prepared in accordance with the requirements of the securities laws in effect in Canada, which differ from the requirements of United States securities laws. The terms "mineral resource", "measured mineral resource", "indicated mineral resource" and "inferred mineral resource" are defined in and required to be disclosed by NI 43-101; however, these terms are not defined terms under the U.S. Securities and Exchange Commission ("SEC") modernization rules, known as "S-K 1300", and are normally not permitted to be used in reports and registration statements filed with the SEC. Investors are cautioned not to assume that all or any part of an "measured mineral resource", "indicated mineral resource" or "inferred mineral resource" will ever be upgraded to a higher category or converted into mineral reserves in accordance with S-K 1300. "Inferred mineral resources" have a great amount of uncertainty as to their existence, and great uncertainty as to their economic and legal feasibility. Under Canadian rules, estimates of inferred mineral resources may not form the basis of feasibility or pre-feasibility studies, except in rare cases. Investors are cautioned not to assume that all or any part of an inferred mineral resource exists or is economically or legally mineable. Disclosure of "contained ounces" in a mineral resource is permitted disclosure under Canadian regulations; however, the SEC normally only permits issuers to report mineralization that does not constitute "reserves" by SEC S-K 1300 standards as in place tonnage and grade without reference to unit measures. Accordingly, information contained in this News Release contain descriptions of the Company's mineral deposits that may not be comparable to similar information made public by U.S. companies subject to the reporting and disclosure requirements under the United States federal securities laws and the rules and regulations thereunder.

Non IFRS Financial Performance Measures

"All-in Sustaining Cost", "Total Site Costs", "Total Operating Costs", "Net Revenue", and "Free Cashflow" are not performance measures reported in accordance with International Financial Reporting Standards ("IFRS"). These performance measures are included because these statistics are key performance measures that management uses to monitor performance. Management uses these statistics to assess how the Luanga Project compares against its peer projects and to assess the overall effectiveness and efficiency of the contemplated mining operations. These performance measures do not have a meaning within IFRS and, therefore, amounts presented may not be comparable to similar data presented by other mining companies. These performance measures should not be considered in isolation as a substitute for measures of performance in accordance with IFRS.

SOURCE Bravo Mining Corp.

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<https://www.goldseiten.de/artikel/663520--Bravo-Mining-Corp.-Reports-Results-of-Preliminary-Economic-Assessment-for-its-Luanga-PGMAuNi-Project.html>

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