

# Luca Mining Corp. intersects 136 m of 1.6 g/t Gold, 77 g/t Silver, 0.9% copper and 1.6% zinc at largo Norte Zone, Campo Morado Mine

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[Luca Mining Corp.](#) ("Luca" or the "Company") (TSX-V: LUCA; OTCQX: LUCMF; Frankfurt: Z68) is pleased to announce new underground drill results from its ongoing exploration program at the Campo Morado polymetallic VMS mine in Guerrero State, Mexico.

## Highlights

- On-going success defining high-grade, gold and silver-rich VMS mineralization in areas immediately adjacent to active underground workings at Campo Morado
- Underground drillhole CMUG-25-36 intersected 135.7 metres ("m") of 1.58 g/t Au, 77.10 g/t Ag, 0.88% Cu, 0.40% Pb and 1.61% Zn from 87.7m, defining new mineralization at an unmined zone and extending mineralization approximately 20m from the previously defined extents of the Largo Norte Zone
- Underground drillhole CMUG-25-33 intersected 14.3m of 1.50 g/t Au, 75.81 g/t Ag, 1.01% Cu, 0.46% Pb and 2.81% Zn from 167.6m, defining new mineralization within the Fish Zone
- Based on the results of CMUG-25-36, follow-up drilling of the Largo Norte Zone has commenced with a focus on the definition of additional mineral resources
- Drilling is ongoing at Campo Morado with two surface drill rigs and one underground drill rig

Paul D. Gray, Luca's VP of Exploration, commented:

"The Largo Norte Zone remains largely unmined; CMUG-25-36 targeted an area just west of the existing bounds of the mineralized body and was designed to expand mineralization in this under-drilled area of the Campo Morado Mine. This drillhole intersected a long, consistent interval of massive sulphide mineralization beyond known mineralization extents. The Largo Norte Zone represents a large, consistent mineralized VMS body that dips shallowly to the south and ranges from 20 to 60 meters in thickness. Based on the strength of the mineralization intersected in CMUG-25-36, follow-up drilling has been initiated with a view to further expand mineralization to the west."

## Near-Mine Underground Drilling

Underground drillhole CMUG-25-36 targeted areas immediately adjacent to the previously defined western extent of the Largo Norte Zone and successfully intersected mineralization from these unmined areas, including:

- CMUG-25-36:
  - 135.7m of 1.58 g/t Au, 77.10 g/t Ag, 0.88% Cu, 0.40% Pb and 1.61% Zn from 87.7m Including 101.5m of 1.92 g/t Au, 98.59 g/t Ag, 0.88% Cu, 0.52% Pb and 2.14% Zn from 121.9m with a high grade section of 16.0m of 3.20 g/t Au, 191.84 g/t Ag, 0.99% Cu, 1.29% Pb and 5.03% Zn from 207.4m

Underground drillholes CMUG-25-27 and CMUG-25-28 targeted extensions of the C-227 mineralized zone, both currently under mine development, and successfully intersected mineralization from unmined areas, including:

- CMUG-25-28:
  - 6.6m of 0.54 g/t Au, 67.62 g/t Ag, 1.05% Cu, 0.65% Pb and 3.26% Zn, from 261.7m in a zone located within approximately 40m of existing underground workings

Underground drillholes CMUG-25-29 and CMUG-25-30 targeted extensions of the A8 mineralized zone, and successfully intersected mineralization from unmined areas, including:

- CMUG-25-30:
  - 1.5m of 0.46 g/t Au, 36.00 g/t Ag, 1.55% Cu, 0.33% Pb and 2.57% Zn from 151.9m

Underground drillhole CMUG-25-33 targeted extensions of the Fish mineralized zone, and successfully intersected mineralization from unmined areas, including:

- CMUG-25-33:
  - o 14.3m of 1.50 g/t Au, 75.81 g/t Ag, 1.01% Cu, 0.46% Pb and 2.81% Zn from 167.6m

These recent intersections underscore the multiple opportunities to add additional mineable resources proximal to current development headings, existing infrastructure and expand previously defined mineral resources.

Drilling continues at Reforma and El Rey, in conjunction with on-going underground drilling planned to target the Largo, Largo Norte, Naranjo and Fish deposits, which all contribute to the 2026-2028 mine plans.

Table 1: Highlighted Diamond Drill Assay Results from UG Drillholes CMUG-25-27 through CMUG-25-36.

Hole ID	From	To	Interval*	Au g/t	Ag g/t	Cu %	Pb %	Zn %
CMUG-25-27	10.6	17.4	6.8	0.22	14.20	0.15	0.40	1.47
	33.0	41.6	8.6	0.35	17.13	0.22	0.11	1.10
CMUG-25-28	15.0	23.9	8.9	0.35	21.53	0.24	0.35	1.48
	26.1	27.0	0.9	1.03	47.70	0.91	0.18	0.83
	56.1	58.2	2.1	0.78	64.90	0.22	0.88	2.01
	261.7	295.2	33.5	0.18	25.01	0.36	0.27	1.39
	Including							
	261.7	268.4	6.6	0.54	67.62	1.05	0.65	3.26
CMUG-25-29	33.0	74.4	41.4	0.20	12.95	0.34	0.12	2.00
	Including							
	39.7	69.8	30.0	0.21	13.46	0.37	0.12	2.41
	Including							
	51.0	69.8	18.8	0.19	12.78	0.46	0.11	2.44
	101.3	114.3	13.0	0.11	11.77	0.63	0.01	0.48
	137.7	151.8	14.1	0.09	9.28	0.72	0.16	0.78
CMUG-25-30	Including							
	137.7	146.4	8.8	0.09	10.32	0.72	0.25	1.14
	29.1	30.7	1.6	0.49	14.80	0.14	0.21	1.68
	35.0	55.5	20.5	0.19	12.77	0.33	0.09	1.83
	62.8	67.9	5.0	0.26	25.60	0.58	0.21	0.96

	112.3	113.7	1.4	0.74	29.20	0.19	0.19	1.49
	136.7	138.1	1.4	0.25	24.90	0.74	0.10	0.61
	141.5	158.1	16.6	0.21	15.48	0.61	0.15	0.87
	Including							
	151.9	153.4	1.5	0.46	36.00	1.55	0.33	2.57
CMUG-25-31	186.9	187.4	0.5	0.40	102.10	2.80	0.25	0.52
CMUG-25-32	No Significant Values							
CMUG-25-33	108.1	114.0	5.9	0.13	14.87	0.69	0.36	1.13
	117.2	128.8	11.7	0.37	38.39	1.12	0.17	0.49
	135.6	139.4	3.8	0.11	17.81	0.70	0.06	1.06
	144.8	148.3	3.5	0.14	47.26	1.43	0.15	0.73
	167.6	182.0	14.3	1.50	75.81	1.01	0.46	2.81
CMUG-25-34	171.6	180.4	8.8	0.44	12.96	0.13	0.56	1.40
CMUG-25-35	No Significant Values							
CMUG-25-36	26.8	39.2	12.4	0.96	20.96	0.44	0.05	0.14
	Including							
	30.2	39.2	9.1	1.13	25.10	0.51	0.06	0.14
	80.4	84.5	4.1	0.33	10.70	0.78	0.01	0.04
	87.7	223.4	135.7	1.58	77.10	0.88	0.40	1.61
	Including							
	87.7	108.0	20.4	0.71	14.86	1.13	0.02	0.08
	Including							
	89.8	98.7	8.9	0.81	17.71	1.58	0.01	0.07
	And							
	121.9	223.4	101.5	1.92	98.59	0.88	0.52	2.14
	Including							
	124.0	135.0	11.0	1.92	23.53	0.75	0.15	0.41
	And							
	138.6	149.1	10.6	1.18	12.40	0.76	0.03	0.19
	And							
	149.1	153.3	4.2	3.20	40.12	1.13	0.04	0.20
	And							



153.3	158.6	5.2	1.26	35.26	0.93	0.04	0.30
And							
158.6	165.7	7.1	2.64	134.02	0.56	0.78	3.83
And							
165.7	179.6	13.9	1.38	116.18	1.10	0.33	1.62
And							
179.6	194.1	14.6	2.19	165.82	1.10	0.85	3.42
And							
194.1	201.0	6.9	0.73	79.27	0.44	0.58	2.02
And							
201.0	223.4	22.5	2.74	162.28	0.85	1.08	4.11
Including							
207.4	223.4	16.0	3.20	191.84	0.99	1.29	5.03
247.0	250.3	3.3	0.51	5.38	0.57	0.01	0.02
269.0	272.4	3.4	0.90	4.28	0.27	0.01	0.17
281.3	286.1	4.8	1.00	8.85	0.34	0.04	0.38

\*True widths are estimated to be >90% of drilled intervals with the exception of CMUG-25-36 where the drillhole was drilled parallel to the mineralized body which ranges from 20 to 60m in thickness.

Figures 1 through 8 present assay results from these latest batch of sample results and location maps of all drillholes presented in this news release.

#### About Campo Morado Exploration Program

The current Campo Morado drill campaign represents the first meaningful exploration program conducted on the property since 2014 and is designed to support the addition of mineral resources to the near- and medium-term mine plan.

To date, 38 underground diamond drillholes totaling 9,043m have been completed at the Campo Morado mine using "HQ" and/or "NQ" sized diamond drill core. These underground drillholes are focused on the definition of mineable resources proximal to existing underground workings, as well as testing new zones interpreted to host extensions of known mineralization based on the property's extensive historical drilling database.

In addition, 8,682m have been drilled from 29 surface drillholes at the Reforma, El Rey, Reforma Deeps and Zapata targets using "HQ" and/or "PQ" sized diamond drill core. These surface drillholes are designed to confirm and expand existing mineral resources at the Reforma and El Rey deposits, collect material for additional metallurgical test work, and support the potential inclusion of these deposits into an improved Campo Morado mine plan.

Previous exploration at Campo Morado has generated an extensive, high-quality proprietary geological database, including more than 600,000m of underground and surface drilling, property-wide geological and structural mapping, approximately 30,000 geochemical soil samples, and a range of airborne and ground-based geophysical surveys, including gravity, magnetics, electromagnetics and induced polarization. Interpretation of these datasets-particularly gravity surveys-has directly contributed to the discovery and definition of mineralized zones on the property and will continue to guide future exploration. Luca is currently compiling, cleaning and reinterpreting this geophysical database to prioritize the more than 38 exploration targets identified across the Campo Morado concession package.

Table 2: Underground and Surface Drill Collar Details for Released Results

Hole ID	UTM WGS84 Z14 Easting	UTM WGS84 Z14 Northing	Elevation (m)	Azimuth	Dip	Final Depth (m)
CMUG-25-27	378957	2011014	1,110	333	-57	326
CMUG-25-28	378957	2011013	1,110	331	-72	351
CMUG-25-29	378960	2011014	1,111	044	-15	190
CMUG-25-30	378960	2011014	1,111	044	-25	189
CMUG-25-31	379189	2011619	1,065	348	-12	285
CMUG-25-32	379189	2011619	1,065	348	-25	301
CMUG-25-33	379189	2011619	1,065	330	-12	251
CMUG-25-34	379188	2011615	1,064	201	-65	299
CMUG-25-35	379188	2011615	1,064	351	-89	325
CMUG-25-36	379209	2012134	1,131	011	32	303

#### Analytical Method and Quality Assurance/Quality Control Measures

All drill core splits reported in this news release were analysed by Bureau Veritas of Durango, Mexico, utilizing the Multi-Acid digestion ICP-ES 35-element MA300 analytical package with FA-430 30-gram Fire Assay with AAS finish for gold on all samples. Au over-limits from FA-430 are re-analyzed by FA530 30-gram Fire Assay with Gravimetric finish. Ag over-limits from ICP MA300 analytical package are re-analyzed by FA530 30-gram Fire Assay with Gravimetric finish. Similarly, Cu, Pb and Zn over-limits from ICP MA300 analytical package are re-analyzed by ICP Multi-Acid digestion MA370 package. All core samples were split by core saw on-site at Luca's core processing facilities at the Campo Morado Mine. Once split, half were placed back in the core boxes with the other half of split samples sealed in poly bags with one part of a three-part sample tag inserted within. Samples were collected by Bureau Veritas at the Campo Morado Mine site and transported to their laboratory in Durango, where they were prepared into 250-gram pulps for gold fire assay. The pulps were then shipped to Bureau Veritas's Analytical laboratory in Vancouver, B.C., for final ICP analysis. A robust system of standards, 1/4 core duplicates and blanks were implemented in the 2025 exploration drilling program and is monitored as chemical assay data become available.

#### Qualified Person

The technical information contained in this news release has been reviewed and approved by Mr. Paul D. Gray, P.Geol., Vice-President Exploration at Luca Mining. Mr. Gray is a Qualified Person for the Company as defined by National Instrument 43-101.

#### About Luca Mining Corp.

Luca Mining Corp. (TSX-V: LUCA, OTCQX: LUCMF, Frankfurt: Z68) is a Canadian mining company with two wholly owned mines located in the prolific Sierra Madre mineralized belt in Mexico. These mines produce gold, copper, zinc, silver, and lead and generate strong cash flow. Both mines have considerable development and resource upside as well as significant exploration potential.

The Company's Campo Morado Mine hosts VMS-style, polymetallic mineralization within a large land package comprising 121 square kilometres. It is an underground operation, producing zinc, copper, gold, silver and lead. The mine is located in Guerrero State.

The Tahuehueto Mine is a large property of over 100 square kilometres in Durango State. The project hosts epithermal gold and silver vein-style mineralization. Tahuehueto is a newly constructed underground mining operation producing primarily gold and silver. Luca has successfully commissioned its mill and is now in

commercial production at Tahuehueto.

On Behalf of the Board of Directors  
(signed) "Dan Barnholden"

Dan Barnholden, Chief Executive Officer

For more information, please visit: [www.lucamining.com](http://www.lucamining.com)

#### Cautionary Note Regarding Forward-Looking Statements

Statements contained in this news release that are not historical facts are "forward-looking information" or "forward-looking statements" (collectively, "Forward-Looking Information") within the meaning of applicable Canadian securities laws. Forward Looking Information includes, but is not limited to, estimated production guidelines for 2025 and other possible events, conditions or performance that are based on assumptions about the proposed exploration program and its anticipated results; the timing and costs of future activities on the Company's properties, such as production rates and increases and sustaining capital expenditures; success of exploration, development, and metres to be drilled in exploration on the Tahuehueto Mine site and the Campo Morado Mine site. In certain cases, Forward-Looking Information can be identified using words and phrases such as "plans", "expects", "scheduled", "estimates", "forecasts", "intends", "anticipates" or variations of such words and phrases. In preparing the Forward-Looking Information in this news release, the Company has applied several material assumptions, including, but not limited to, that the Company will be able to raise additional capital as necessary; the current exploration, development, environmental and other objectives concerning the Tahuehueto Mine can be achieved; that consistent and sustainable mill feed at Campo Morado Mine will be achieved; the continuity of the price of gold and other metals and economic and political conditions. Forward-Looking Information involves 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 future results, performance or achievements expressed or implied by the Forward-Looking Information. There can be no assurance that Forward-Looking Information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on Forward-Looking Information. Except as required by law, the Company does not assume any obligation to release publicly any revisions to Forward-Looking Information contained in this news release to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

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