

# **Kootenay Silver Announces Positive PEA with a US\$763 Million After-Tax NPV & 41% IRR for La Cigarra Silver Project**

16:29 Uhr | [CNW](#)

The Project includes a 14-year open-pit silver project delivering strong economics, a rapid 1.9 year payback, and a 63.7-million-ounce payable silver production profile with significant exploration upside remaining along a 9-kilometre mineralized trend.

[Kootenay Silver Inc.](#) (the "Company" or "Kootenay") (TSXV: KTN) (OTCQX: KOOYF) is pleased to announce the results of its positive Preliminary Economic Assessment ("PEA")<sup>i</sup> for its 100%-owned La Cigarra Silver Project ("La Cigarra" or the "Project") in Chihuahua, Mexico.

The La Cigarra Project is situated within the well-established Parral Mining District of Chihuahua State, Mexico, which is adjacent to nearby mining operations, the Santa Barbara Mine and the San Francisco Del Oro Mine. Both mines are active silver producers located approximately 20-30 kilometres to the south of La Cigarra along the same mineralized trend and are actively mined to depths of up to 2,000 metres deep. Together, these two operations produced 440 million ounces of silver from 1965 to 2015 (Grant and Ruiz, 1988) with both operations still in production today. Readers are cautioned that the information disclosed on adjacent properties is not necessarily indicative to the mineralization on the Project that is the subject of this disclosure.

### Key Highlights of the PEA

All monetary values are in U.S. dollars unless otherwise noted.

### Project Economics

- After-tax net present value at consensus metal prices<sup>ii</sup> (5% discount rate): \$763 million
- After-tax internal rate of return (IRR): 41%
- After-tax net present value at spot metal prices<sup>iii</sup> (5% discount rate): \$1,295 million and IRR of 64%

### Capital and Cost Structure

- Initial capital cost: \$332 million
- Sustaining capital cost: \$80 million
- Payback period: 1.9 years (after tax)
- Study life-of-mine (LOM): 14 years

### Production Profile

- Average annual silver production over Years 1-5: 6.22 million ounces.
- Average LOM annual payable silver production: 4.55 million ounces
- LOM payable-silver production: 63.6 million ounces
- Average annual after-tax revenue: \$107 million per year.
- Average all-in sustaining cost: \$18.73/oz Ag
- Processing rate: 6,000 tonnes per day
- Average silver recovery: 89.3%

### Management Commentary

James McDonald, President and CEO of Kootenay Silver, said:

"The Preliminary Economic Assessment marks a significant milestone in advancing La Cigarra toward development. The mine life, strong annual production, and IRR demonstrate the potential for a long-life silver operation in one of Mexico's mining districts, a district that has been producing for nearly 500 years. We believe the combination of attractive economic fundamentals, substantial resource-growth potential, existing infrastructure, and strong silver market fundamentals, positions La Cigarra as a compelling development asset, significantly adding value to the stakeholders in the region."

Ken Berry, Chairman of Kootenay Silver, added:

"This study validates our strategy of advancing our portfolio of silver assets through the development pipeline. With La

supported by a positive PEA, we are evaluating the next steps to unlock additional value through resource expansion, optimization, and advancement toward permitting and feasibility engineering."

#### Cautionary Statement Regarding the PEA

The PEA is preliminary in nature and includes Inferred 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. Inferred Mineral Resources have a lower level of confidence than that applied to Measured and Indicated Mineral Resources and there is no certainty that Inferred Mineral Resources will be converted to Measured or Indicated Mineral Resources through further exploration. There is no certainty that the results of the PEA will be realized.

Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. The Project does not contain Mineral Reserves and the economic analysis contained in the PEA is based on Mineral Resources, including Inferred Mineral Resources and there is no certainty that Mineral Resources will be converted into Mineral Reserves.

#### PEA Inputs

The following tables outline various operation and capital cost inputs, production details including ounces of silver and gold produced and pounds of lead and zinc produced, mining rate, tonnes mined, strip ratio, metal recovery factors, total cash cost of silver, all in sustaining cost for silver long term price assumptions for silver, gold, lead and zinc, tax inputs, EBITA, pre-tax cash flow for net present values, internal rate of return, free cash flow, and payback period.

Description	Unit	LOM Total / Average
General assumptions		
Silver price	US\$/oz	50.0
Gold price	US\$/oz	3,611.0
Lead price	US\$/lb	0.91
Zinc price	US\$/lb	1.25
Discount rate	%	5.00
Production		
Total payable silver	koz	63,663.9
Total payable gold	koz	27.3
Total payable lead	Mlb	45.3
Total payable zinc	Mlb	48.5
Operating costs		
Mining cost	US\$/t mined	2.11
Processing cost	US\$/t processed	9.49
Site G&A cost	US\$/t processed	3.50
Operating cash cost	US\$/oz AgEq	16.85
AISC	US\$/oz AgEq	18.73
Capital costs		
Initial capital (Inc. Closure Deposit)	US\$M	332.2
Sustaining capital	US\$M	79.7
Economics		
Net Revenue	US\$M	3,326.3
EBITDA	US\$M	2,342.1
Pre-tax Free Cashflow	US\$M	1,897.0
Pre-tax NPV (5%)	US\$M	1,265.0
Pre-tax IRR	%	55 %
Pre-tax payback	years	1.7
Post-tax Free Cashflow	US\$M	1166.0
Post-tax NPV (5%)	US\$M	762.7
Post-tax IRR		

%

41 %



Post-tax payback      years      1.9

Table of production details in the PEA

Metric	Unit	Base Case
Mine life	years	14
Plant throughput	t/d	6,000
Total material mined	Mt	273.1
Total material processed	Mt	30.4
Oxide material processed	Mt	5.8
Sulphide material processed	Mt	24.6
Average strip ratio	t:t	8.0
Average Ag head grade	g/t	78.66
Average Au head grade	g/t	0.06
Average Pb head grade	%	0.13 %
Average Zn head grade	%	0.18 %
Total payable Ag in doré	koz	20,873.7
Total payable Au in doré	koz	6.8
Total payable Ag in concentrates	koz	42,790.2
Total payable Au in concentrates	koz	20.6
Total payable Pb	Mlb	45.3
Total payable Zn	Mlb	48.5
Total payable AgEq	koz AgEq	67,674.4

Table of capital cost inputs

Capital cost item	Unit	Base Case
Mining capital	US\$M	7.9
Processing capital	US\$M	122.6
Tailings and water management	US\$M	12.4
Site infrastructure	US\$M	57.8
Indirect costs / EPCM / owner's costs	US\$M	73.3
Contingency	US\$M	54.4
Closure and reclamation Deposit	US\$M	3.7
Total initial capital	US\$M	332.2
Sustaining capital	US\$M	79.7
Closure and reclamation	US\$M	-33.2
Total LOM capital	US\$M	378.6

Table of operating cost inputs.

Operating cost item	Unit	Base Case
Mining cost	US\$/t mined or moved	\$2.11
Rehandle cost	US\$/t rehandled	\$2.11
Oxide processing cost	US\$/t processed	\$9.49
Sulphide processing cost	US\$/t processed	\$9.49
Mixed/campaign processing cost	US\$/t processed	\$9.49
G & A	US\$/t	\$3.50
Total site operating cost	US\$/t processed	\$32.41
Operating cash cost	US\$/oz Ag Payable	\$16.85
AISC	US\$/oz Ag Payable	\$18.75

Table of tax inputs

Item	Unit	Base Case
Income Tax	%	30.0
Mining Royalty Tax (EBITDA)	%	8.5
Precious Metal Royalty tax (Au-Ag NSR) %		1.0
Total Income Tax and Royalty Incurred	US\$M	731.0
Total LOM royalties	US\$M	231.3

Table of revenue source by metal

Revenue source	Net revenue contribution
Silver	94.1 %
Gold	2.9 %
Lead	1.2 %
Zinc	1.8 %
Total	100.0 %

Project Overview

La Cigarra is approximately 26 kilometers from the historic mining city of Parral, and benefits from strong existing infrastructure, including road access, nearby power, and a skilled local workforce.

The updated Project Mineral Resource estimate ("MRE") (Table 1) forms the basis of the PEA.

Highlights of the Project MRE are as follows:

- Measured + Indicated Mineral Resources are estimated at 23.02 Mt grading 81 g/t Ag, 0.06 g/t Au, 0.14% Pb, and 0.19% Zn (93 g/t AgEq). The Measured + Indicated MRE includes 60.02 Moz Ag, 45.2 koz Au, 71.3 Mlb Pb, and 97.0 Mlb Zn (69.02 Moz AgEq).
- Inferred Mineral Resources are estimated at 6.78 Mt grading 79 g/t Ag, 0.05 g/t Au, 0.15% Pb, and 0.17% Zn (90 g/t AgEq). The Inferred MRE includes 17.25 Moz Ag, 11.90 koz Au, 22.7 Mlb Pb, and 25.5 Mlb Zn (19.72 Moz AgEq).

Table 1: La Cigarra Deposit Mineral Resource Estimate, April 4, 2026

Resource Class	Tonnes (M)	Grade					Total Metal				
		Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	AgEq (g/t)	Ag (Moz)	Au (koz)	Pb (Mlb)	Zn (Mlb)	AgEq (Moz)
Measured	2.93	84	0.06	0.14	0.19	96	7.87	5.60	9.1	12.4	9.01
Indicated	20.09	81	0.06	0.14	0.19	93	52.14	39.60	62.2	84.6	60.01
Measured + Indicated	23.02	81	0.06	0.14	0.19	93	60.02	45.20	71.3	97.0	69.02
Inferred	6.78	79	0.05	0.15	0.17	90	17.25	11.90	22.7	25.5	19.72

Notes:

- &bull; The classification of the current MRE into Measured, Indicated, and Inferred is consistent with current CIM Definition Standards For Mineral Resources and Mineral Reserves (CIM, 2014).
- &bull; All figures are rounded to reflect the relative accuracy of the estimate, and numbers may not add due to rounding.
- &bull; Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. An Inferred Mineral Resource has a lower level of confidence than that applying to an Indicated Mineral Resource and must not be converted to a Mineral Reserve. It is reasonably expected that most Inferred Mineral Resources could be upgraded to Indicated Mineral Resources with continued exploration.
- &bull; It is envisioned that the La Cigarra deposit may be mined using open-pit mining methods. Mineral Resources are reported at a base-case cut-off grade of 30 g/t AgEq. The in-pit Mineral Resource grade blocks are quantified above the base-case cut-off grade, above the constraining pit shell, below topography, and within the constraining mineralized domains (the constraining volumes).
- &bull; The results from the pit optimization are used solely for the purpose of testing the "reasonable prospects for economic extraction" by an open pit and do not represent an attempt to estimate Mineral Reserves. There are no Mineral Reserves on the property. The results are used as a guide to assist in the preparation of a Mineral Resource statement and to select an appropriate resource-reporting cut-off grade.
- &bull; Mineral Resources are presented undiluted and in situ, constrained by continuous 3-D wireframe models, and are considered to have reasonable prospects for eventual economic extraction at the base-case cut-off grade of 30 g/t AgEq.
- &bull; The base-case AgEq cut-off grade considers metal prices of \$36.00/oz Ag, \$3,600/oz Au, \$0.91/lb Pb, and \$1.23/lb Zn, and considers variable metal recoveries for Ag, Au, Pb, and Zn: for oxide mineralization-88.3% for Ag, 37.5% for Au; for sulphide mineralization-89.3% for Ag, 61.8% for Au, 70.0% for Pb, and 59.1% for Zn.
- &bull; The base-case cut-off grade of 30 g/t AgEq considers a mining cost of \$2.00/t mined, and processing, treatment, refining, General & Administrative, and transportation cost of \$23.23/t for oxide mineralization, and \$22.33/t for sulphide mineralization.

The updated Project in-pit MRE at various cut-off grades is presented in Table 2.

- &bull; The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, title, taxation, socio-political, marketing, or other relevant issues.

Table 2: In-Pit Mineral Resource Estimate at Various AgEq Cut-off Grades, April 4, 2026

AgEq Cut-Off Tonnes Ag Au (Pb Zn AgEq Ag Au Pb Zn AgEq  
Grade (g/t) (g/t) g/t) (%) (%) (g/t) (Moz) (koz) (Mlb) (Mlb) (Moz)  
(M)

Measured

20	3.14	79	0.06	0.13	0.18	91	8.02	5.80	9.3	12.7	9.19
30	2.93	84	0.06	0.14	0.19	96	7.87	5.60	9.1	12.4	9.01
40	2.53	92	0.06	0.15	0.20	105	7.52	5.10	8.5	11.4	8.56
50	2.11	104	0.06	0.17	0.22	117	7.03	4.40	7.8	10.2	7.95
60	1.75	116	0.07	0.18	0.23	130	6.51	3.70	7.1	9.1	7.32
70	1.45	129	0.07	0.19	0.25	143	6.01	3.10	6.2	7.9	6.70
80	1.23	141	0.07	0.21	0.25	156	5.56	2.60	5.6	6.9	6.16

Indicated

20	21.52	77	0.06	0.14	0.18	88	53.04	41.30	64.4	87.3	61.21
30	20.09	81	0.06	0.14	0.19	93	52.14	39.60	62.2	84.6	60.01
40	17.26	89	0.06	0.15	0.21	102	49.61	35.60	57.6	78.3	56.81
50	14.46	100	0.07	0.16	0.22	114	46.36	31.10	52.3	70.4	52.76
60	12.14	110	0.07	0.18	0.23	125	43.01	26.80	47.2	62.7	48.66
70	10.06	122	0.07	0.19	0.25	137	39.44	22.80	41.5	55.1	44.34
80	8.40	134	0.07	0.20	0.26	149	36.10	19.40	36.6	47.8	40.33

Inferred

20	7.25	75	0.05	0.15	0.16	86	17.54	12.60	23.6	26.3	20.12
30	6.78	79	0.05	0.15	0.17	90	17.25	11.90	22.7	25.5	19.72
40	5.95	86	0.05	0.16	0.18	98	16.56	10.20	21.1	23.8	18.78
50	4.87	98	0.05	0.18	0.20	110	15.29	8.20	19.1	21.3	17.21
60	4.00	109	0.05	0.19	0.22	122	14.01	6.90	16.6	19.4	15.69
70	3.23	122	0.05	0.21	0.24	135	12.64	5.60	14.7	17.3	14.09
80	2.64	135	0.05	0.22	0.26	149	11.43	4.50	12.9	15.1	12.66

Notes:

• Values in these tables reported above and below the base-case cut-off grades for in-pit MRE's should not be mistaken for a Mineral Resource statement. The values are only presented to show the sensitivity of the block-model estimates to the selection of the base-case cut-off grade (highlighted).

• All values are rounded to reflect the relative accuracy of the estimate, and numbers may not add due to rounding.

In addition to silver, the deposit contains gold, lead, and zinc credits that contribute to Project economics and

provides additional optionality as engineering work advances.

## Development Plan

The PEA contemplates developing:

- Conventional open-pit mining
- Crushing and grinding circuits
- Flotation and leaching process plant
- Tailings and rock management facilities
- Mine infrastructure and support facilities
- Progressive mine development over a 14-year operating life.

The Project also remains open for expansion along strike and at depth, with mineralization traced over a broader 9-kilometre trend that supports further exploration upside.

## Upside Opportunities

The Company has identified several opportunities to further enhance Project value, including:

- Resource expansion drilling along strike and at depth
- Conversion of Inferred Mineral Resources to higher-confidence categories
- Evaluation and conversion of satellite and extension mineralized zones
- Metallurgical optimization studies
- Mine plan optimization and staged development alternatives.

## Next Steps

Following completion of the PEA, Kootenay intends to:

- Initiate additional resource expansion drilling
- Advance environmental baseline studies
- Conduct geotechnical and hydrogeological investigations
- Evaluate opportunities for a Feasibility Study
- Continue stakeholder engagement and permitting activities.

## Technical Report

The full National Instrument 43-101 ("NI 43-101") Standards of Disclosure for Mineral Projects Technical Report supporting the PEA will be filed on SEDAR+ within 45 days of this news release and will also be available on the Company's website.

## Qualified Persons

The Kootenay technical information in this news release for the PEA has been prepared in accordance with the Canadian regulatory requirements and reviewed and approved on Kootenay's behalf by consultants who are independent, and each of whom is a Qualified Person ("QP") as defined by NI 43-101. The following acted as authors of the PEA:

- Shervin Teymouri (P.Eng.), Sacré-Davey Engineering Inc.
- Marinus André de Ruijter (P.Eng.), Sacré-Davey Engineering Inc.
- Allan Armitage (PhD. P.Geo.), SGS Canada Inc. Geological Services
- Antonio Loschiavo (P.Eng.), AKF Mining Services Inc.
- Stacy Freudigmann (P.Eng. F.AusIMM.), Canenco Consulting Corp.
- Craig Hall (P.Eng.), Knight Piésold Ltd.

Mr. Dale Brittliffe (BSc., P. Geol.), Vice President, Exploration, of Kootenay Silver, is the Company's QP

under NI 43-101, and has reviewed and approved, the scientific and technical content in this press release.

#### About Kootenay Silver Inc.

Kootenay Silver Inc. is an exploration company actively engaged in the discovery and development of mineral projects in the Sierra Madre region of Mexico. Supported by one of the largest junior portfolios of silver assets in Mexico, Kootenay continues to provide its shareholders with significant leverage to silver prices. The Company remains focused on the expansion of its current silver resources, new discoveries, and the near-term economic development of its priority silver projects in prolific mining districts in Sonora State and Chihuahua State, respectively.

#### CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS:

This news release contains "forward looking information" and "forward-looking statements", within the meaning of applicable Canadian securities legislation (collectively, "forward-looking statements"). All statements other than statements of historical fact, are forward-looking statements and are based on expectations, estimates and projections as of the date of this news release.

Forward-looking statements in this news release include, without limitation, statements regarding: the results of the Preliminary Economic Assessment ("PEA"); projected economics of the La Cigarra Silver Project (the "Project"), including net present value, internal rate of return, payback period, capital costs, operating costs, cash costs, all-in sustaining costs, production rates, mine life, processing rates, recoveries and revenues; the potential development of the Project; future resource growth and conversion; opportunities to enhance Project economics; future exploration, drilling, engineering, metallurgical, environmental, geotechnical and hydrogeological programs; advancement of the Project toward a pre-feasibility study, feasibility study, permitting and potential construction; the timing of future technical studies; the future price of silver, gold, lead and zinc; and the Company's future plans, objectives and strategies.

Forward-looking statements are based upon a number of assumptions considered reasonable by management at the time such statements are made, including, but not limited to: the accuracy of the current Mineral Resource Estimate; the assumptions and methodologies used in the PEA; the achievement of projected production, operating and capital cost estimates; assumed metal prices, exchange rates and tax regimes; the availability of financing on acceptable terms; the ability to obtain required permits, licences and approvals in a timely manner; the availability of equipment, labour, contractors and supplies; the realization of anticipated metallurgical recoveries; and general business, economic and market conditions.

Forward-looking statements are subject to known and unknown risks, uncertainties and other factors that may cause actual results, performance or achievements to differ materially from those expressed or implied by such forward-looking statements. Such factors include, among others: fluctuations in commodity prices; changes in capital and operating cost estimates; changes in project parameters as plans continue to be refined; risks related to Mineral Resource estimation; risks associated with the inclusion of Inferred Mineral Resources in the PEA; uncertainty of future exploration results; uncertainty of obtaining permits, licences and regulatory approvals; environmental and social risks; taxation changes; political and economic developments in Mexico; labour shortages; inflationary pressures; financing risks; foreign exchange risks; title risks; and other risks disclosed in the Company's public disclosure record available on SEDAR+.

Although the Company believes that the expectations reflected in the forward-looking statements are reasonable, there can be no assurance that such expectations will prove to be correct, and readers should not place undue reliance on forward-looking statements. Forward-looking statements are made as of the date hereof and except as otherwise required by law, Kootenay expressly disclaims any obligation or undertaking to release publicly any updates or revisions to any such statements to reflect any change in Kootenay's expectations or any change in events, conditions or circumstances on which any such statement is based.

Cautionary Note to US Investors: This news release includes Mineral Reserves and Mineral Resources classification terms that comply with reporting standards in Canada and the Mineral Reserves and the Mineral Resources estimates are made in accordance with National Instrument 43-101 - Standards of Disclosure for Mineral Projects ("NI 43-101"). NI 43-101 is a rule developed by the Canadian Securities Administrators that establishes standards for all public disclosure an issuer makes of scientific and technical

information concerning mineral projects. These standards differ significantly from the requirements adopted by the U.S. Securities and Exchange Commission (the "SEC"). The SEC sets rules that are applicable to domestic United States reporting companies. Consequently, Mineral Reserves and Mineral Resources information included in this news release is not comparable to similar information that would generally be disclosed by domestic U.S. reporting companies subject to the reporting and disclosure requirements of the SEC. Accordingly, information concerning mineral deposits set forth herein may not be comparable with information made public by companies that report in accordance with U.S. standards.

#### Reference

Grant, G. J., & Ruiz, J. (1988). The Pb-Zn-Cu-Ag deposits of the Granadena Mine, San Francisco del Oro-Santa Barbara District, Chihuahua. *Economic Geology*, 83, 1683-1702.

---

<sup>i</sup> Prepared by Sacré-Davey Engineering Inc. and Canenco Consulting Corp., the PEA evaluates an open-pit mine and conventional processing facility at La Cigarra.

<sup>ii</sup> Consensus metal prices of \$50.00/oz Ag, \$3,611/oz Au, \$0.91/lb Pb, and \$1.25/lb Zn.

<sup>iii</sup> Spot metal prices of \$67.23/oz Ag, \$4,210/oz Au, \$0.91/lb Pb, and \$1.57/lb Zn.

View original content to download

multimedia:<https://www.prnewswire.com/news-releases/kootenay-silver-announces-positive-pea-with-a-us763-million-a>

SOURCE Kootenay Silver Inc.

## Contact

For additional information, please contact: James McDonald, CEO and President at 403-880-6016; Ken Berry, Chairman at 604-601-5652; 1-888-601-5650; or visit: [www.kootenaysilver.com](http://www.kootenaysilver.com)

---

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

Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/737628--Kootenay-Silver-Announces-Positive-PEA-with-a-US763-Million-After-Tax-NPV-und-41Prozent-IRR-for-La-Cigarras>

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](#).