



DSV

Discovery Silver

Corporate Presentation

S e p t e m b e r 2 0 2 3

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DSV-TSX DSVSF-OTCQX

Forward Looking Statement & NI 43-101 Disclosure

•This presentation contains certain forward-looking information and statements (collectively, “Forward Looking Statements”) which may not be based on fact and involve a number of risks and uncertainties, including without limitation, statements regarding the Company’s expectations in respect of its future financial position, business strategy, future exploration and production, mineral resource potential, exploration drilling, permitting, access to capital, events or developments that the Company expects to take place in the future. All statements, other than statements of historical facts, are Forward Looking Statements. Forward Looking Statements are statements that are not historical facts and are generally, but not always, identified by the use of forward looking terminology such as “believe”, “expect”, “is expected”, “scheduled”, “forecasts”, “outlook”, “anticipate”, “contemplate”, “target”, “plan”, “intends”, “continue”, “budget”, “estimate”, or variations of such words and phrases or that state that certain actions, events or results “may”, “could”, “would”, “might” or “will” be taken, occur or be achieved, or the negative of any of these terms or similar expressions.

•The Forward Looking Statements in this presentation relate to, among other things: the expected results of exploration activities; the estimation of mineral resources; the ability to identify new mineral resources and convert mineral resources into mineral reserves; ability to raise additional capital and complete future financings; capital expenditures and costs, including forecasted costs; the ability of the Company to comply with environmental, safety and other regulatory requirements; future prices of base and precious metals; the ability of the Company to obtain all necessary approvals and permits in connection with the development of the Cordero Project and other projects under option.

•Such Forward Looking Statements are based upon a number of key estimates and assumptions which, while considered reasonable by the Company as of the date of such Forward Looking Statements, are inherently subject to significant business, economic and competitive uncertainties and contingencies. Known and unknown factors could cause actual results to differ materially from those projected in the Forward Looking Statements made by or on behalf of the Company. Such factors include, but are not limited to, fluctuations in the price of silver, zinc, and other commodities, the inability of the Company to raise sufficient monies to carry out its business plan, changes in government legislation, taxation, controls, regulations and political or economic developments in Mexico, the accuracy of the Company’s current estimates of mineral grades and the accuracy of the geology and vein structures at the Company’s projects, the maintenance of access to surface rights for exploration, risks associated with mining or development activities, including the ability to procure equipment and supplies, including, without limitation, drill rigs, the speculative nature of exploration and development, including the risk of obtaining necessary licenses and permits, uncertainty of mineral resources, exploration potential, mineral grades and mineral recovery estimates, delays in exploration and development plans, insufficient capital to complete development and exploration plans, risks inherent with mineral acquisitions, delays in obtaining government approvals or permits, financing of additional capital requirements, commercial viability of mineral deposits, cost of exploration and development programs, risks associated with competition in the mining industry, risks associated with the ability to retain key executives and personnel, title disputes and other claims, changes in governmental and environmental regulation that results in increased costs, cost of environmental expenditures and potential environmental liabilities, accidents, labour disputes, and the ability of the Company to get access to surface rights for exploration]. Readers are cautioned that Forward Looking Statements are not guarantees of future performance, and the foregoing list is not exhaustive of all factors which may have been used. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in Forward Looking Statements, there may be other factors that cause actions, events or results not to be anticipated, estimated or intended. There can be no assurance that such information and statements will prove to be accurate and actual results and future events could differ materially from those presented in such information and statements. Should one or more of these risks and uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those described in Forward Looking Statements. The Company disclaims any intention or obligation to update or revise any Forward Looking Statements whether as a result of new information, future events or otherwise, except to the extent required by applicable laws.

•Mineral Resource estimates reported herein have been classified as Measured, Indicated, or Inferred, and Mineral Reserve estimates reported herein have been classified as Proven or Probable, in each case based on the confidence of the input data, geological interpretation, and grade estimation parameters. The Mineral Resource and Mineral Reserve estimates were prepared in accordance with NI 43-101 and classifications adopted by the CIM Council. Statements regarding the results of the preliminary feasibility study (“PFS”) are Forward Looking Statements, as are the anticipated capital and operating costs, sustaining costs, net present value, internal rate of return, payback period, process capacity, average annual metal production, average process recoveries, concession renewal, permitting of the Cordero project, anticipated mining and processing methods, proposed pre-feasibility study production schedule and metal production profile, anticipated construction period, anticipated mine life, expected recoveries and grades, anticipated production rates, infrastructure, social and environmental impact studies, availability of labour, tax rates and commodity prices that would support development of the Cordero project. Information concerning mineral resource or reserve estimates and the economic analysis thereof contained in the results of the PFS are also Forward Looking Statements in that they reflect a prediction of the mineralization that would be encountered, and the results of mining, if a mineral deposit were developed and mined. Forward-looking statements are statements that are not historical facts which address events, results, outcomes, or developments that the Company expects to occur. Gernot Wober, P.Geo, V.P Exploration, Discovery Silver Corp., is the Company's designated Qualified Person within the meaning of National Instrument 43-101 Standards of Disclosure for Mineral Projects (“NI 43-101”) and has reviewed and validated that the information contained herein is accurate. All sources of data contained herein are from Discovery Silver unless otherwise noted.

References (used through current presentation):

1The most recent resource estimate and mineral reserve estimate for the Cordero project were press released on January 24, 2023. Resource commodity prices of Ag - \$24.00/oz, Au - \$1,800/oz, Pb - \$1.10/lb, Zn - \$1.20/lb. Reserve commodity prices of Ag - \$20.00/oz, Au - \$1,600/oz, Pb - \$1.00/lb, Zn - \$1.20/lb. Summary tables can be found in the Appendices. A technical report will be posted on Discovery’s website and filed on SEDAR within 45 days of the press release.

2 AgEq for sulphide mineral resources is calculated as $Ag + (Au \times 15.52) + (Pb \times 32.15) + (Zn \times 34.68)$; these factors are based on commodity prices of Ag - \$24.00/oz, Au - \$1,800/oz, Pb - \$1.10/lb, Zn - \$1.20/lb and assumed recoveries of Ag – 87%, Au – 18%, Pb – 89% and Zn – 88%. AgEq for oxide mineral resources is calculated as $Ag + (Au \times 22.88) + (Pb \times 19.71) + (Zn \times 49.39)$; this factor is based on commodity prices of Ag - \$24.00/oz and Au - \$1,800/oz and assumed recoveries of Ag – 59%, Au – 18%, Pb - 37% and Zn - 85%.

3 PFS by Ausenco Engineering Canada Inc., as press released on January 24, 2023. PFS commodity prices (\$US): \$22.00/oz Ag, \$1.20/lb Zn, \$1.00/lb Pb, \$1,600/oz Au. A technical report will be posted on Discovery’s website and filed on SEDAR within 45 days of the press release.

4 AISC is calculated as [Operating costs (mining, processing and G&A) +Royalties + Concentrate Transportation + Treatment & Refining Charges + Concentrate Penalties + Sustaining Capital (excluding \$15M of capex for the purchase of the initial mining fleet in Y1) + Closure Costs] / Payable AgEq ounces



The Next Major Silver Producer

A Unique Asset

We plan to transform our Cordero project into one of the largest silver mines in the world at a time when demand for silver is expected to grow rapidly

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A Unique Asset

Cordero is the world's largest silver deposit by reserves



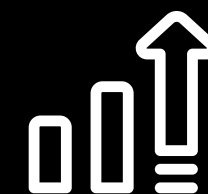
Expertise

Top tier, results driven management team



High Returns

A low cost and capital efficient project



Critical Metals

Silver & zinc are essential for the green energy transition



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A Tier 1 Silver Asset

✓ Top Producer

33Moz AgEq annual
production

Top 3 primary silver mine

✓ Long Mine Life

18-year mine life

Clear extension potential

✓ Low Cost

AISC of \$12.80 /AgEq oz
in Years 1 - 12

Bottom half of cost curve



A Platform to Execute

✓ Proven Management

CEO - Tony Makuch
Former CEO Kirkland Lake Gold

COO - Tony Esplin
20+ yrs senior roles with Newmont

✓ A Low-Risk Project

Straight forward project with low execution risk

Excellent metallurgy & simple open pit with a low strip ratio

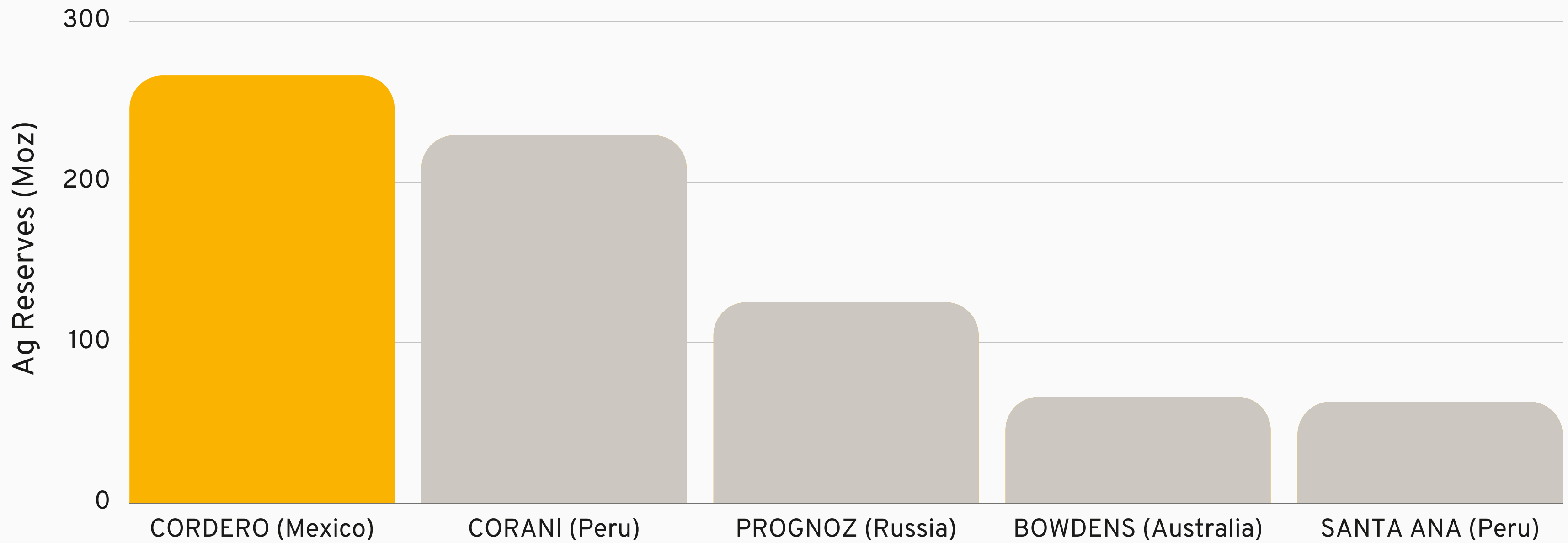
✓ The Right Jurisdiction

Mexico is the world's largest silver producing nation

Prolific mining history around project and within Chihuahua State

Future Supply of Silver is Limited

Only 3 Undeveloped Primary Silver Deposits with Reserves >100 Moz



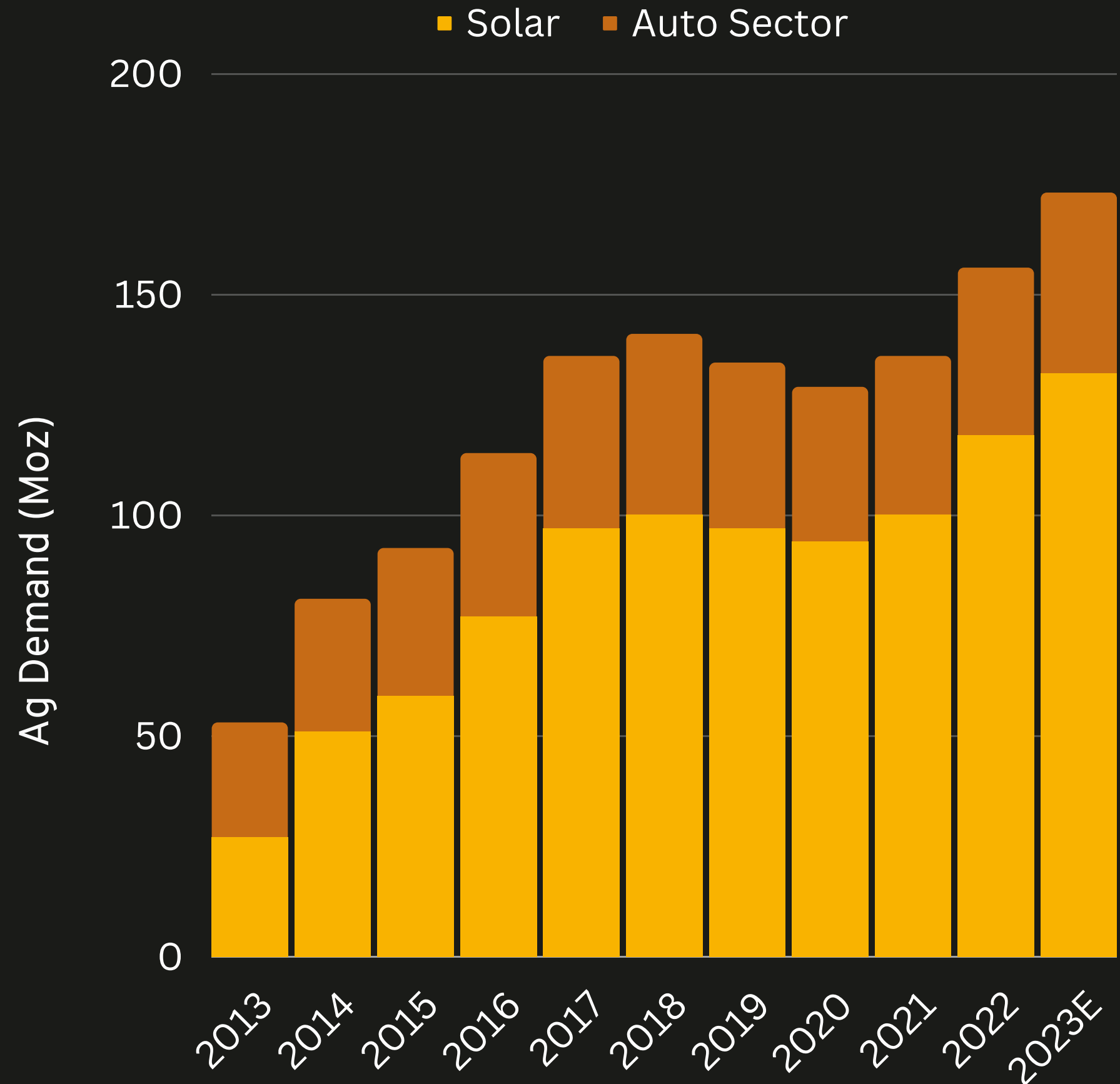


A Backdrop of Rising Silver Demand

Demand for silver from the solar and auto sectors has tripled over the last decade.

Demand in both sectors expected to grow dramatically for decades to come.

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Source: CPM Group

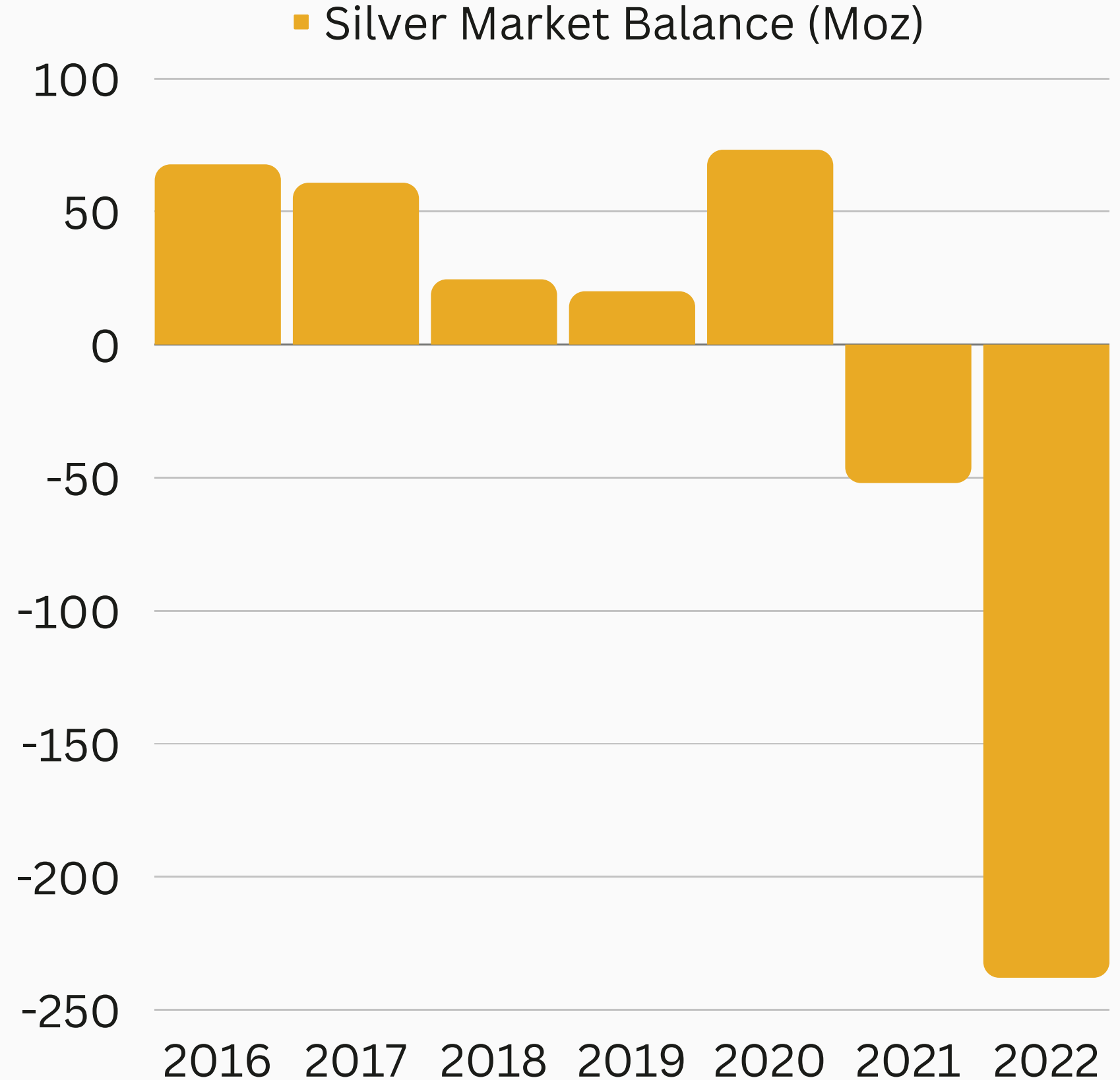


Silver Demand Outstripping Supply

In 2022 the silver market was in deficit by a record 238 Moz

Shortfall in silver expected to underpin higher prices based on flat silver supply versus growing demand

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*Market balance measures total supply versus total demand

Source: Silver Institute

Ideal Jurisdiction

Chihuahua State, Mexico

450 year mining history

2nd largest silver producing
state in Mexico

Cordero Project

Located 35kms north of mining
town of Parral





Land & Infrastructure

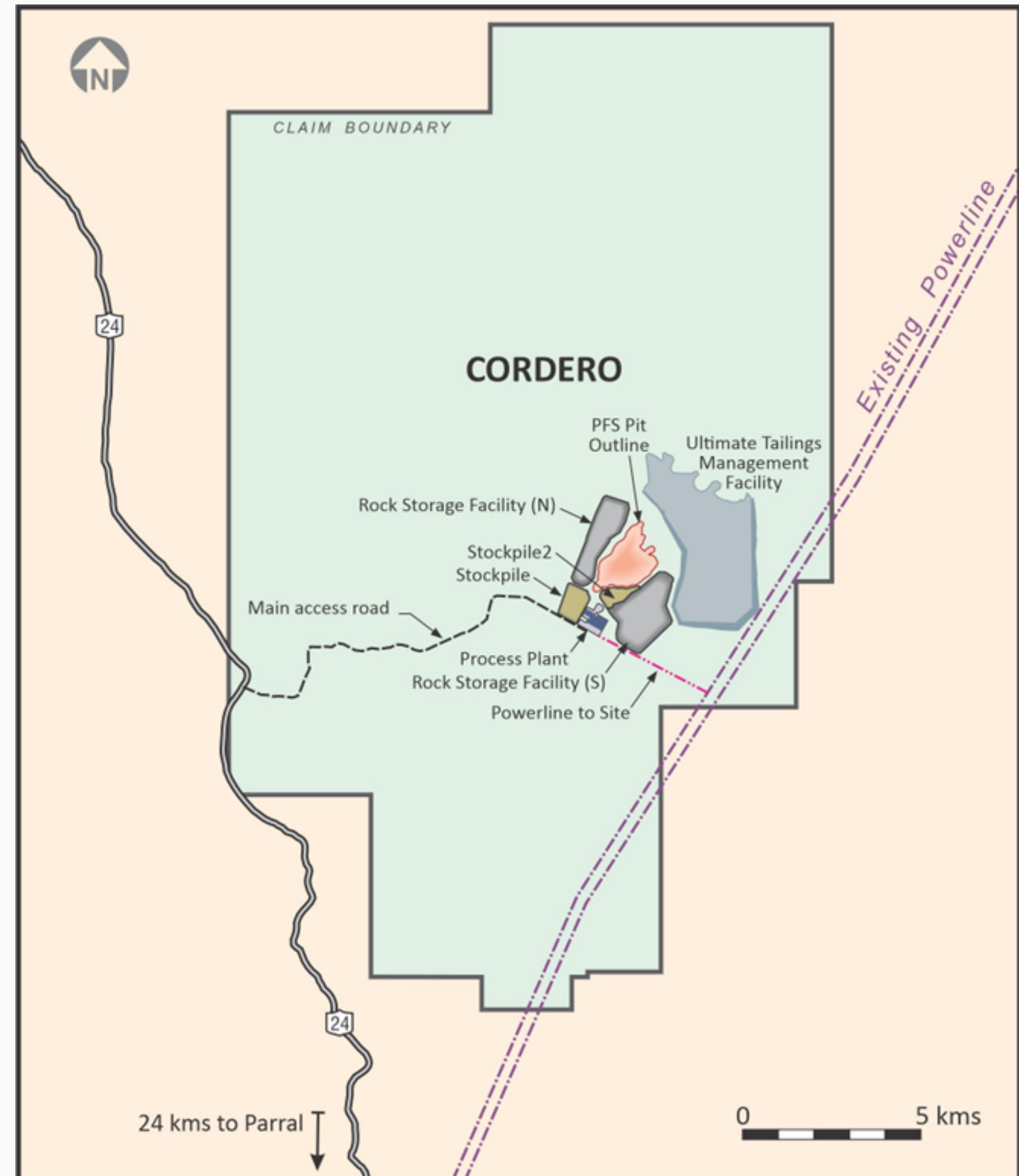
35,000 ha land package

Proposed site infrastructure on private land

Nearest local community is town of Parral

Infrastructure

Close proximity to powerline & highway





The Path Forward

2023

2023

1H

Pre-Feasibility Study
(completed)

2H

Initiate permitting process
(completed)
Advance Feasibility Study

2024

1H

Deliver Feasibility Study
Advance project financing
discussions

2H

Potential receipt of
construction permit &
construction decision



Key De-Risking Items

✓ Feasibility Study

Study well advanced & on track for completion in 1H 2024

Focus on optimization & growth opportunities

✓ Permitting

Mexico has transparent & open permitting process; typical process time of ~12-24 months

Environmental Impact Assessment (MIA) submitted in August 2023

✓ Social Licence

Social programs with local communities already in place

Potential economic benefit: ~\$1.2B in taxes, 1,000 employees at peak, >\$4B of goods & service purchases

Low Execution Risk

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♦ Mining

Simple open pit mine with a low strip ratio of 2.1:1

Deposit comes to surface; minimal pre-strip required

+50% of Reserves in Proven category

♦ Processing

Conventional flotation processing

Recoveries of 85-95% for Ag/Pb/Zn at a coarse grind

Clean, saleable concentrates

♦ Infrastructure

Existing major roads and powerline cross land package

Earthworks benefit from benign bedrock with excellent geotechnical characteristics

Pre-Feasibility Highlights

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♦ Economics

After-tax Net Present Value (5%)
= US\$1.2 B

Internal Rate of Return = 28%

Assumes Ag - \$22/oz,
Pb - \$1.00/lb, Zn - \$1.20/lb

♦ Size & Margin

33Moz AgEq annual production

AISC of \$12.80/AgEq oz (Y1 - Y12)

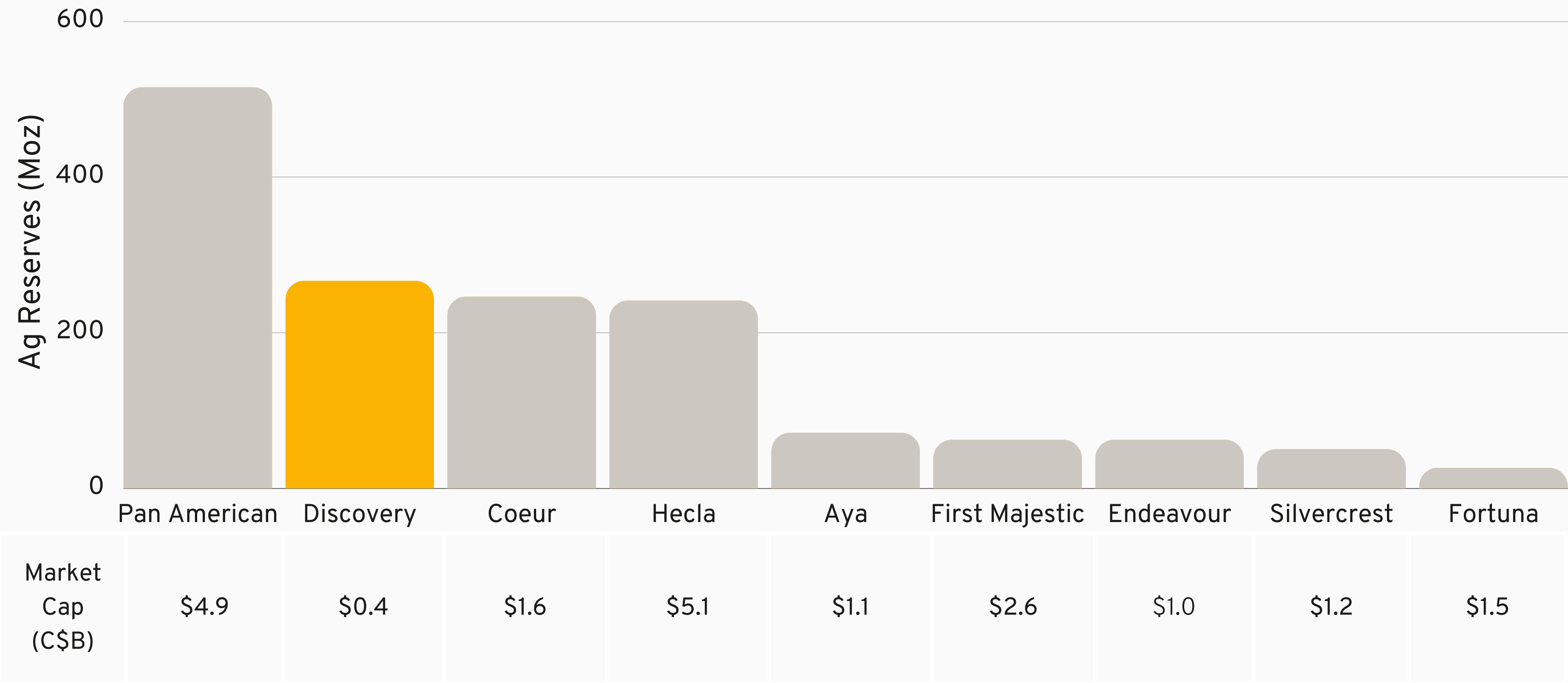
18-year mine life

♦ Low Capital Intensity

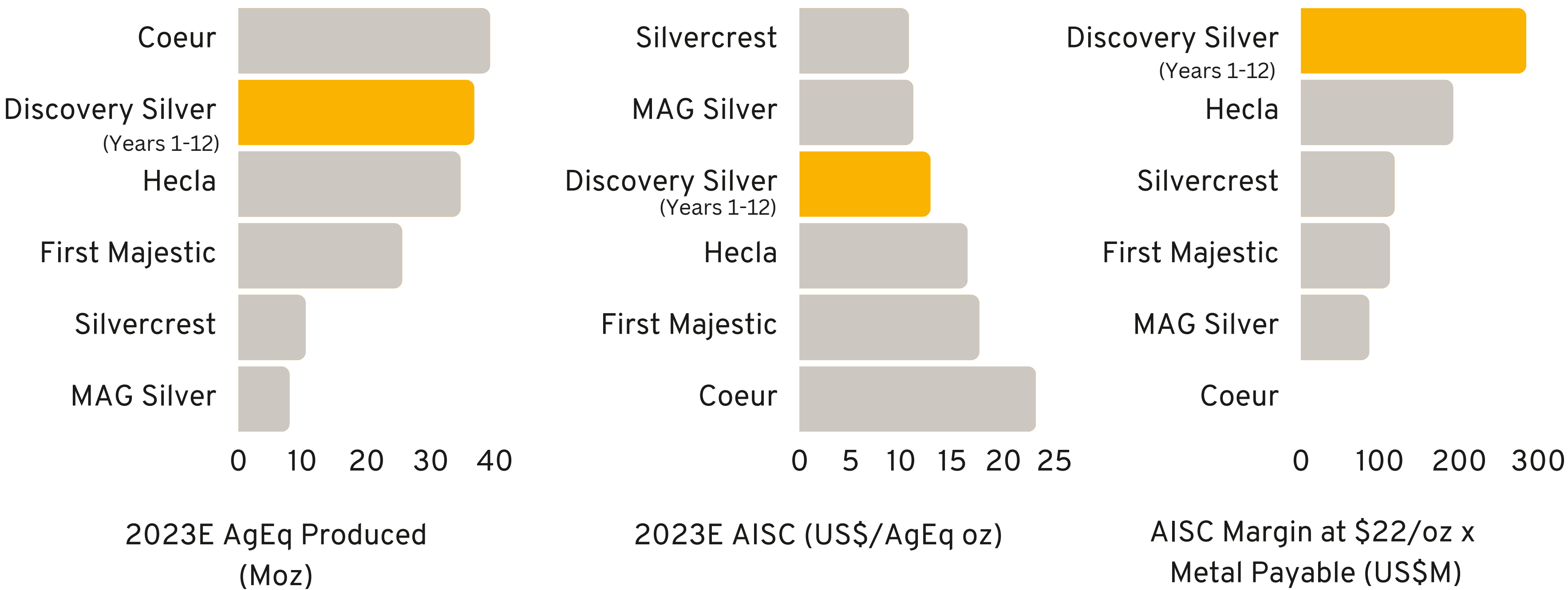
Initial capex ~US\$450 M

Net Present Value to Capex ratio
~2.5x

Silver Reserves vs Silver Peers



Large Scale + Low Cost = Profitability





Expansion Potential

Reserve prices

Ag - \$22/oz

Pb - \$1.00/lb

Zn - \$1.20/lb

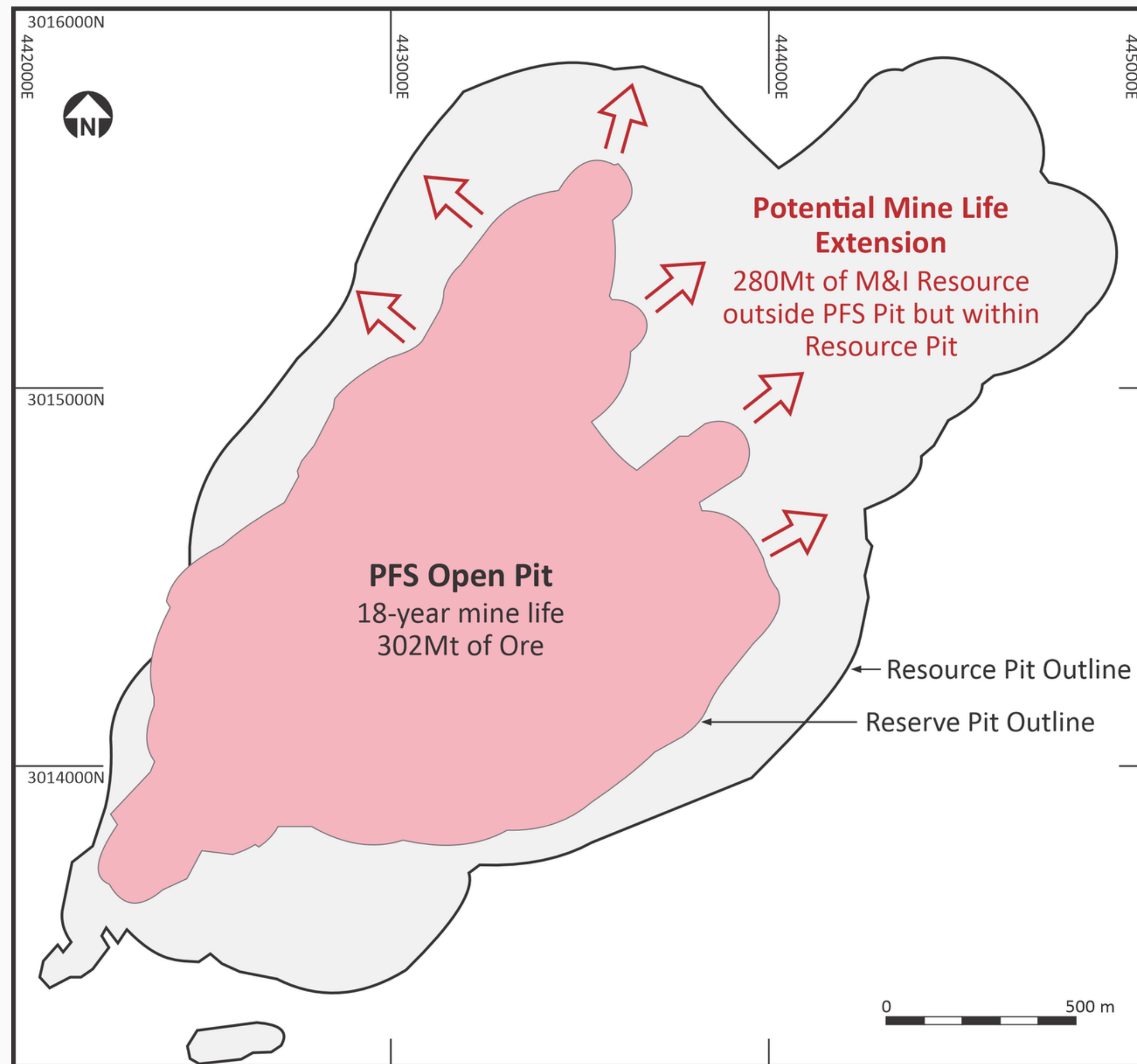
Resource prices

Ag - \$24/oz

Pb - \$1.10/lb

Zn - \$1.20/lb

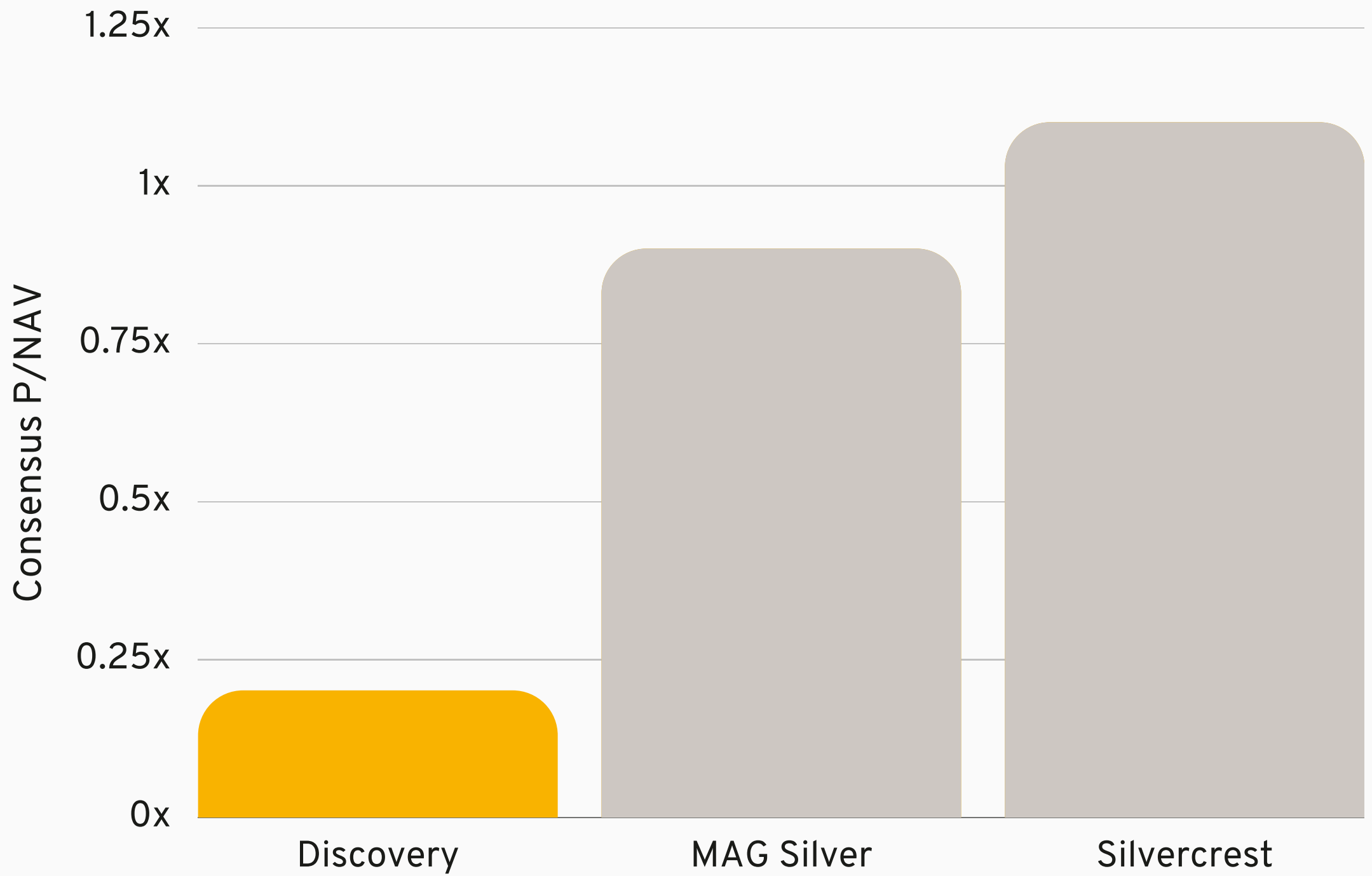
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Value Proposition

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Significant multiple expansion opportunity through the advancement of Cordero to a construction decision

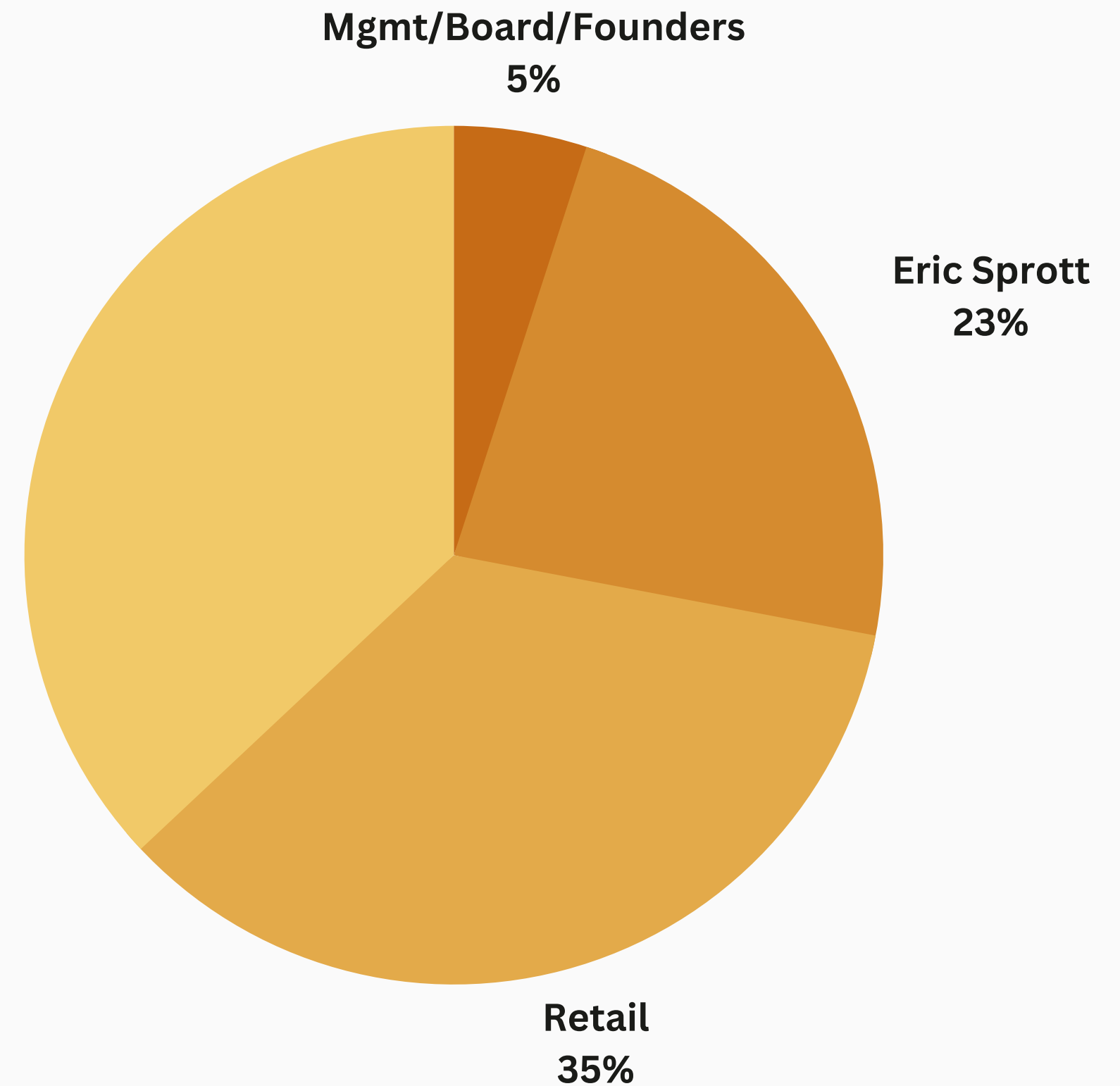


Corporate Summary

- ◆ Ticker: DSV-TSX, DSVSF-OTCQX
- ◆ Cash Balance: CDN ~\$65 million

Institutions
37%

- ◆ Shares Outstanding - 395 M
- ◆ Options Outstanding - 25 M
- ◆ Fully Diluted Shares Outstanding - 420 M
- ◆ Basic Market Capitalization - C\$335 M





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Do you have any questions?

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Appendices

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Management

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Tony Makuch

CEO, President & Director
CEO of Kirkland Lake Gold (2016-2022)

Tony Esplin

COO
+20 yrs in senior roles with
Newmont & Barrick

Roman Solis

VP Mexico
+20 yrs in Mexico operations &
exploration

Andreas L'Abbe

CFO
+15 yrs in financial management &
operations

Gernot Wober

VP Exploration
+35 yrs in exploration incl. Osisko
Mining

Jose Jabalera

Director Corporate Affairs -
Mexico
Senior positions with federal &
state governments in Mexico

Forbes Gemmell

VP Corp. Development
+20 yrs in capital markets
& mining

Gord Leavoy

VP Mineral Processing
+40 yrs of process & tailings
experience incl. Kirkland Lake Gold

Board of Directors

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Murray John

Chairman

+35 yrs in capital markets
& executive management

Jeff Parr

Director

Current Vice-Chair of
Agnico Eagle

Tony Makuch

Director, CEO &
President

Jon Gill

Advisor to the Board

+50 yrs mining experience &
current director at Agnico
Eagle

Jennifer Wagner

Director

+15 yrs in legal & compliance
incl. Kirkland Lake Gold

Barry Olson

Director

Former SVP with Goldcorp,
oversaw Penasquito build

Mike Neumann

Advisor to the Board

+40 yrs mining experience
with Mexican focus

Daniel Vickerman

Director

+20 yrs in capital markets
& mining

Moira Smith

Director

+30 yrs in exploration
incl. Teck & Fronteer



Optimisation Opportunities

✓ Mining

Reduced mining costs through bigger benches/mine equipment

Mine life extension; FS will include an additional ~30,000m of drilling

✓ Processing

Increased throughput rates by optimising process design

Improve recoveries through optimising rock type blending

Timing of mill expansion

✓ Tailings

Optimise water efficiency & recirculation

Evaluate potential for dry-stacked tailings



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Our ESG Commitment

✓ Environment

Environmental baseline studies complete

Targeting receipt of Clean Industry Certification in 1H 2023

Evaluation of 'green' initiatives for project build/operations underway

✓ Social Licence

Local community initiatives focused on social services & medical assistance ongoing

ESR (Socially Responsible Enterprise) Distinction awarded in 4Q 2022

✓ Governance

Corporate policies reviewed by Board annually to ensure controls that identify, manage & monitor risks

Two members of senior management have passed Level 1 International Sustainable Business training



Key De-Risking Items

✓ Land

Secure surface rights of project footprint

Establish collaborative agreements with surrounding landowners

✓ Water

Establish flow rates of local aquifer & secure water rights

Evaluate use of local water treatment plants as additional source of water

✓ Power

Sufficient capacity at local substation confirmed

Advance scope & timeline to deliver power to site

2023 Mineral Resource Estimate

MATERIAL	CLASS	TONNES (Mt)	GRADE					CONTAINED METAL				
			Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	AgEq (g/t)	Ag (Moz)	Au (koz)	Pb (Mlb)	Zn (Mlb)	AgEq (Moz)
OXIDE	Measured	21	30	0.08	0.23	0.25	49	21	51	109	117	33
	Indicated	42	24	0.06	0.24	0.31	46	33	85	224	288	62
	M&I	63	26	0.07	0.24	0.29	47	54	136	333	405	95
	Inferred	36	18	0.04	0.28	0.37	43	21	40	216	292	49
SULPHIDE	Measured	250	23	0.08	0.33	0.57	55	185	604	1,824	3,132	439
	Indicated	403	18	0.04	0.27	0.56	46	228	524	2,387	4,947	598
	M&I	653	20	0.05	0.29	0.56	49	413	1,128	4,211	8,079	1037
	Inferred	109	13	0.02	0.21	0.38	33	46	82	510	923	118
TOTAL	Measured	271	24	0.08	0.32	0.55	55	206	655	1,933	3,249	472
	Indicated	445	19	0.04	0.27	0.54	46	261	609	2,611	5,235	660
	M&I	716	20	0.06	0.29	0.54	49	467	1,264	4,544	8,484	1,132
	Inferred	145	14	0.02	0.23	0.38	35	67	122	726	1,215	167

Mineral Resource Estimates are inclusive of Reserves

Net Smelter Return (NSR cut-off)

- NSR – Net revenue less treatment costs & refining charges
- Oxide & Sulphide resource cut-off: \$7.25/t

Pit constraint assumptions

- Ag - \$24.00/oz, Au - \$1,800/oz, Pb - \$1.10/lb, Zn - \$1.20/lb
- Recovery assumptions: Ag – 87%, Au – 18%, Pb – 89% and Zn – 88%. AgEq for sulphide mineralization and Ag – 59%, Au – 18%, Pb - 37% and Zn - 85% for oxide mineralization
- Operating costs: Mining costs of \$1.59/t for ore and waste, Processing costs of \$5.22/t and G&A costs: \$0.86/t

2023 Mineral Reserve Estimate

MATERIAL	CLASS	TONNES (Mt)	GRADE				CONTAINED METAL			
			Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	Ag (Moz)	Au (Moz)	Pb (Bib)	Zn (Bib)
OXIDE	Proven	8	34	0.08	0.28	0.29	9	0.02	0.05	0.05
	Probable	11	28	0.07	0.28	0.36	10	0.02	0.07	0.09
	Total P&P	19	31	0.07	0.28	0.33	19	0.04	0.12	0.14
SULPHIDE	Proven	156	29	0.1	0.46	0.69	144	0.5	1.57	2.38
	Probable	128	25	0.06	0.44	0.76	104	0.25	1.23	2.14
	Total P&P	284	27	0.08	0.45	0.72	248	0.75	2.79	4.52
TOTAL	Proven	164	29	0.1	0.45	0.67	153	0.52	1.63	2.42
	Probable	138	26	0.06	0.43	0.73	114	0.27	1.3	2.22
	Total P&P	302	27	0.08	0.44	0.7	266	0.79	2.94	4.65

Net Smelter Return (NSR cut-off)

- NSR – Net revenue less treatment costs & refining charges
- Oxide & Sulphide NSR cut-off: \$10.00/t

Pit constraint assumptions

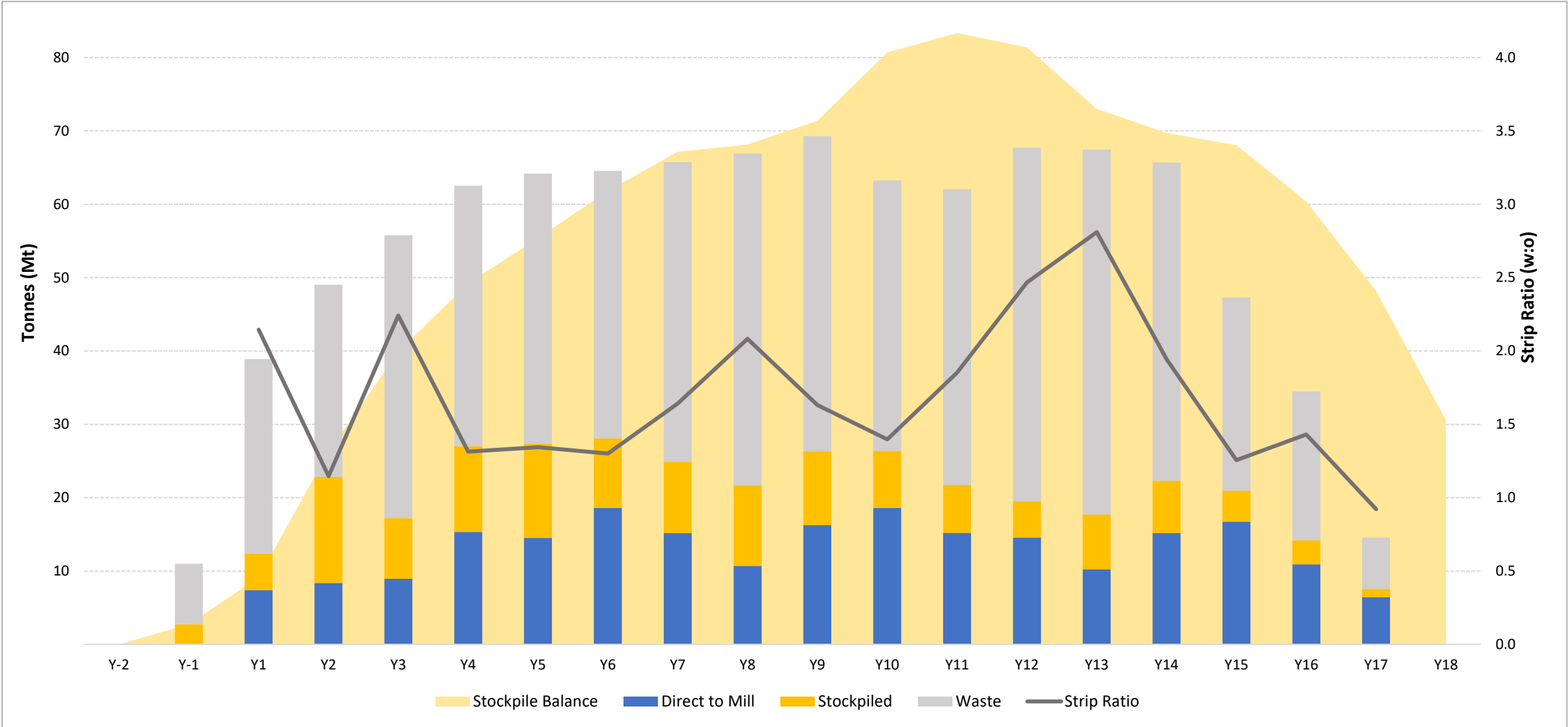
- Ag - \$20.00/oz, Au - \$1,600/oz, Pb - \$0.95/lb, Zn - \$1.20/lb
- Recovery assumptions were varied according to head grade and concentrate grades. Lead concentrate recoveries were approximately 82.5%, 12.6% and 91.8% for silver, gold, and lead respectively. Zinc concentrate recoveries were approximately 10.0%, 9.5% and 77.8% for silver, gold, and zinc respectively.
- Operating costs: The life-of-mine mining cost averaged US\$1.60/t mined, preliminary processing costs were US\$5.22/t ore and G&A was US\$0.89/t ore placed

2023 Pre-Feasibility Study

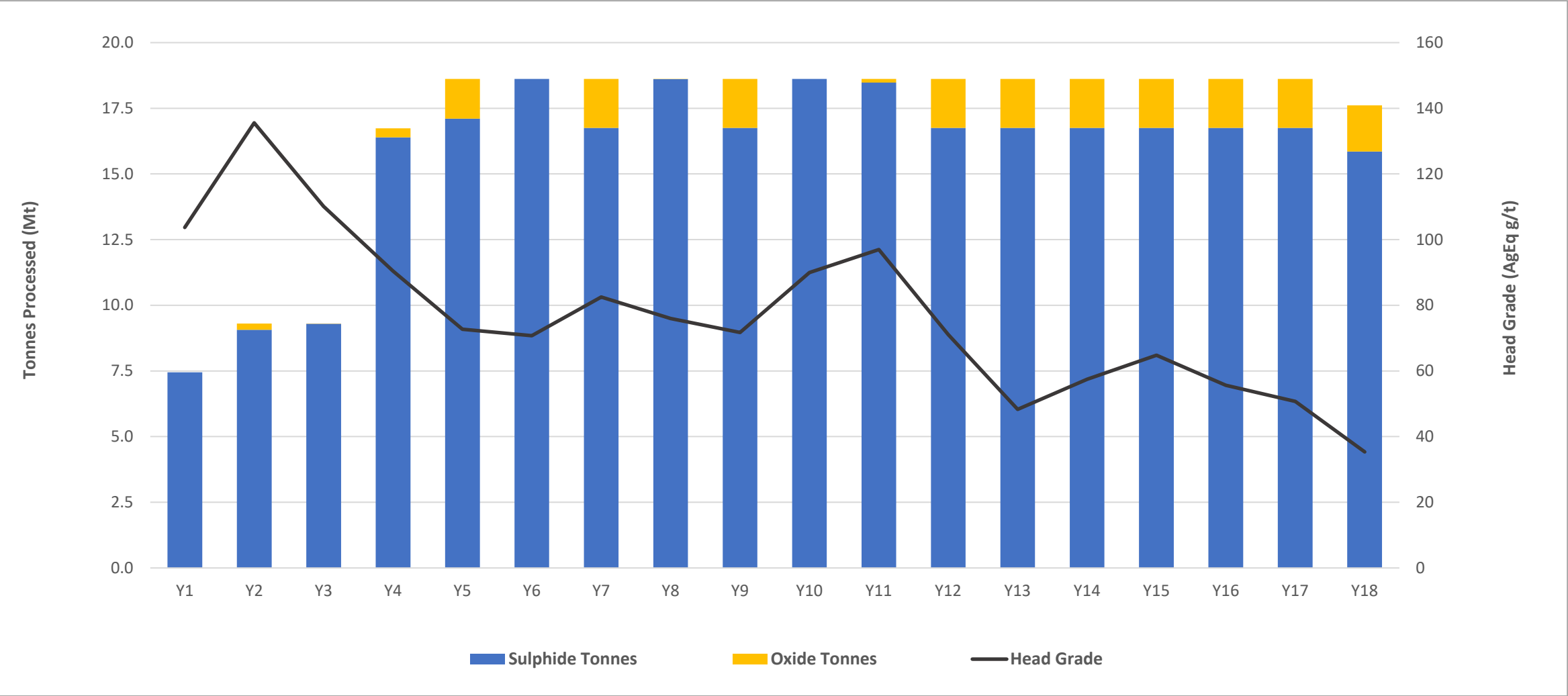
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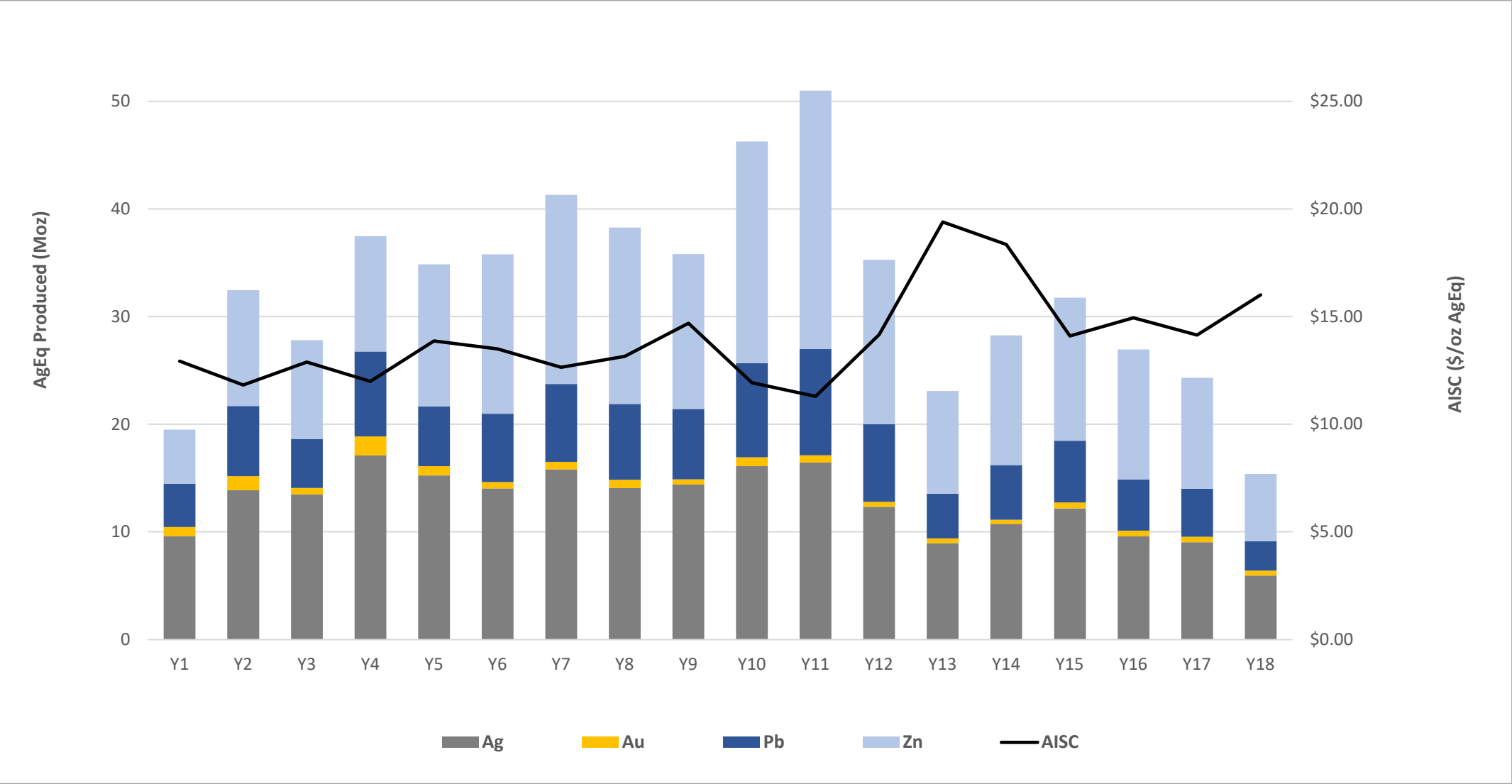
Mine Plan



Processing Schedule



AgEq Production vs AISC



Production & All-in Sustaining Costs (ASIC) are sourced from 2023 PFS.

Production & AISC calculations assume:
Ag = \$22/oz
Au = \$1,600/oz
Pb = \$1.00/lb
Zn = \$1.20/lb

AISC is calculated on a co-product basis

Commodity Price Sensitivity

NPV/IRR/Payback sensitivity to Ag/Zn prices

		Ag (\$/oz)														
		\$18.00			\$20.00			\$22.00			\$25.00			\$30.00		
		NPV (5%) (US\$M)	IRR (%)	Payback (yrs)	NPV (5%) (US\$M)	IRR (%)	Payback (yrs)	NPV (5%) (US\$M)	IRR (%)	Payback (yrs)	NPV (5%) (US\$M)	IRR (%)	Payback (yrs)	NPV (5%) (US\$M)	IRR (%)	Payback (yrs)
Zn (\$/lb)	\$1.05	638	19.3%	5.5	798	22.3%	5.0	958	25.2%	4.5	1,198	29.3%	3.9	1,599	36.0%	3.3
	\$1.10	703	20.3%	5.4	863	23.3%	4.8	1,023	26.1%	4.4	1,263	30.2%	3.9	1,664	36.8%	3.2
	\$1.20	832	22.4%	5.1	992	25.2%	4.6	1,153	28.0%	4.2	1,393	32.0%	3.7	1,794	38.4%	3.1
	\$1.30	962	24.3%	4.8	1,122	27.1%	4.3	1,282	29.7%	4.0	1,523	33.7%	3.6	1,923	40.0%	3.0
	\$1.45	1,156	27.1%	4.4	1,317	29.7%	4.1	1,477	32.3%	3.7	1,717	36.1%	3.4	2,118	42.3%	2.2

Note: Fixed prices for Au = \$1,600/oz & Pb = \$1.00/lb