



Discovery silver

# Discovery Silver

Cordero - A World-Leading Silver  
Development Project

February 2024

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TSX: DSV | OTCQX: DSVSF | [DISCOVERYSILVER.COM](https://www.discoverysilver.com)

DSV

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Factors that could cause actual results to differ materially from those described in forward-looking statements include fluctuations in market prices, including metal prices, continued availability of capital and financing, and general economic, market or business conditions, the actual results of current and future exploration activities; changes to current estimates of mineral reserves and mineral resources; conclusions of economic and geological evaluations; changes in project parameters as plans continue to be refined; the speculative nature of mineral exploration and development; risks in obtaining and maintaining necessary licenses, permits and authorizations for the Company's development stage and operating assets; operations may be exposed to new diseases, epidemics and pandemics, including any ongoing or future effects of COVID-19 (and any related ongoing or future regulatory or government responses) and its impact on the broader market and the trading price of the Company's shares; provincial and federal orders or mandates (including with respect to mining operations generally or auxiliary businesses or services required for operations) in Mexico, all of which may affect many aspects of the Company's operations including the ability to transport personnel to and from site, contractor and supply availability and the ability to sell or deliver mined silver; changes in national and local government legislation, controls or regulations; failure to comply with environmental and health and safety laws and regulations; labour and contractor availability (and being able to secure the same on favourable terms); disruptions in the maintenance or provision of required infrastructure and information technology systems; fluctuations in the price of gold or certain other commodities such as, diesel fuel, natural gas, and electricity; operating or technical difficulties in connection with mining or development activities, including geotechnical challenges and changes to production estimates (which assume accuracy of projected ore grade, mining rates, recovery timing and recovery rate estimates and may be impacted by unscheduled maintenance); changes in foreign exchange rates (particularly the Canadian dollar, U.S. dollar and Mexican peso); the impact of inflation; geopolitical conflicts; employee and community relations; the impact of litigation and administrative proceedings (including but not limited to mining reform laws in Mexico) and any interim or final court, arbitral and/or administrative decisions; disruptions affecting operations; availability of and increased costs associated with mining inputs and labour; delays in construction decisions and any development of the Project; changes with respect to the intended method of mining and processing ore from the Project; inherent risks and hazards associated with mining and mineral processing including environmental hazards, industrial accidents, unusual or unexpected formations, pressures and cave-ins; the risk that the Company's mines may not perform as planned; uncertainty with the Company's ability to secure additional capital to execute its business plans; contests over title to properties; expropriation or nationalization of property; political or economic developments in Canada and Mexico and other jurisdictions in which the Company may carry on business in the future; increased costs and risks related to the potential impact of climate change; the costs and timing of exploration, construction and development of new deposits; risk of loss due to sabotage, protests and other civil disturbances; the impact of global liquidity and credit availability and the values of assets and liabilities based on projected future cash flows; risks arising from holding derivative instruments; and business opportunities that may be pursued by the Company. There can be no assurances that such statements will prove accurate and, therefore, readers are advised to rely on their own evaluation of such

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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 feasibility study ("FS") 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 FS 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):

- The most recent resource estimate and mineral reserve estimate for the Cordero project were press released on February 20, 2024. 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 - \$22.00/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.
- 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%.
- AgEq Produced is metal recovered in concentrate. AgEq Payable is metal payable from concentrate and incorporates metal payment terms outlined in the Feasibility Study press release dated February 20, 2024. AgEq Produced and AgEq Payable are calculated as  $Ag + (Au \times 72.7) + (Pb \times 45.5) + (Zn \times 54.6)$ ; these factors are based on (\$US): \$22.00/oz Ag, \$1.20/lb Zn, \$1.00/lb Pb, \$1,600/oz Au.
- FS by Ausenco Engineering Canada Inc., as press released on February 20, 2024. FS commodity prices (\$US): \$22.00/oz Ag, \$1.20/lb Zn, \$1.00/lb Pb, \$1,600/oz Au. A technical report is posted on Discovery's website and has been filed on SEDAR.
- AISC is calculated as  $[Operating\ costs\ (mining,\ processing\ and\ G\&A) + Royalties + Concentrate\ Transportation + Treatment\ \&\ Refining\ Charges + Concentrate\ Penalties + Sustaining\ Capital\ (excluding\ \$37M\ of\ capex\ for\ the\ purchase\ of\ the\ initial\ mining\ fleet\ in\ Y1) + Closure\ Costs] / Payable\ AgEq\ ounces$
- Free cash flow - Free Cash Flow is a non-GAAP performance measure that is calculated as cash flows from operations net of cash flows invested in mineral property, plant and equipment and exploration and evaluation assets. The Company believes that this measure is useful to the external users in assessing the Company's ability to generate cash flows from its mineral projects

# The Next Major Silver Producer

**Large-scale, low-cost, capital-efficient project that generates excellent returns**



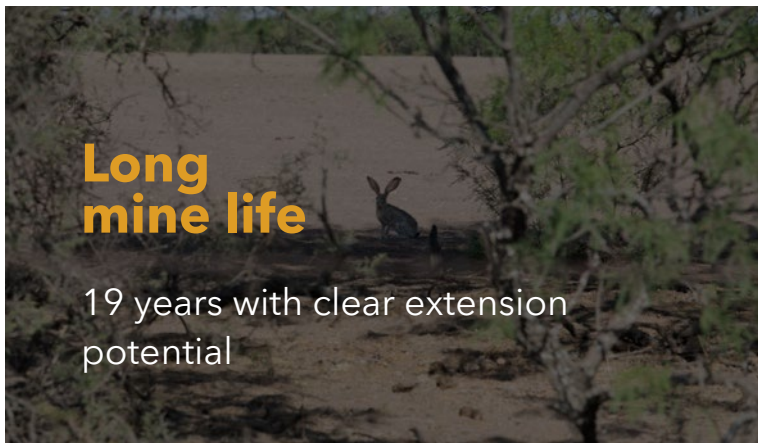
**Large-scale production**  
37Moz AgEq produced annually  
(Years 1 - 8)

**Excellent profitability**  
Average AISC <\$12.50/oz  
(Years 1 - 8)



**Exceptional economics**  
After-tax NPV(5%) of \$1.2 billion  
growing to >\$2.0 billion in Year 4

**Low capital intensity**  
NPV(5%) to Capex ratio of 2x



**Long mine life**  
19 years with clear extension potential

**Major economic contributor**  
2,500 jobs created, \$4.0 billion spend on local goods & services & \$1.4 billion of taxes paid

# Socio-Economic Contribution

## Cordero will have a major positive socio-economic impact locally in Parral and Chihuahua and nationally within Mexico



### Cordero will be one of the most significant employers in the region:

- Creation of over 2,500 jobs during construction
- Peak estimated local workforce of over 1,000 direct employees
- Generational local employment opportunities with development of local value chains



### Substantial economic contributions locally and nationally:

- \$0.6B of direct new investment & \$1.4B of total investment over life of mine
- Total estimated tax contributions of over \$2B
- Over \$4B of expected goods & services to be purchased locally within Mexico



### An exemplary track record to date:

- 87% score achieved on the Great Place to Work Certification
- Awarded Socially Responsible Enterprise (ESR) distinction (ranked in top 10%)
- Quality Environmental Certification issued by PROFEPA
- >2,000 hours of health, safety and environment training in 2023
- Significant community investments in health, education and sports

# Environmental Management

**We are committed to meeting the highest industry standards for environmental protection**



## Project Site

- Cordero is located on private land in a sparsely populated area of northern Mexico
- Tailings storage facility designed in accordance with Global Industry Standard on Tailings Management
- Over \$130M of capital allocated to site restoration



## Water Management

- Significant capital investment to upgrade local water treatment plant (WTP)
- WTP will treat municipal wastewater
- Treated wastewater will be the primary source of water for the Project



## Highest Industry Standards

- Third-party reviews of environmental impact assessment to ensure it meets both Mexican and Equator Principle 4 standards
- Third-party experts include both Mexican specialist consultants (CIMA & IDEAS) and global consultants (ERM, Ausenco & WSP)

# Operating & Production Metrics

## Poised to become a top 3 global silver producer

	Unit	FS
Mine Life	(years)	19
Ore Tonnes	(Mt)	327
Strip Ratio	(w:o)	2.0
Silver Produced - Life of Mine	(Moz)	259
Lead Produced - Life of Mine	(Blb)	2.6
Zinc Produced - Life of Mine	(Blb)	4.4
Silver-equivalent Produced - Life of Mine	(Moz)	635
Silver Produced - Life of Mine	(Moz pa)	13.6
Lead Produced - Life of Mine	(Mlb pa)	135
Zinc Produced - Life of Mine	(Mlb pa)	233
Silver-equivalent Produced - Life of Mine	(Moz pa)	33





# Financial Metrics

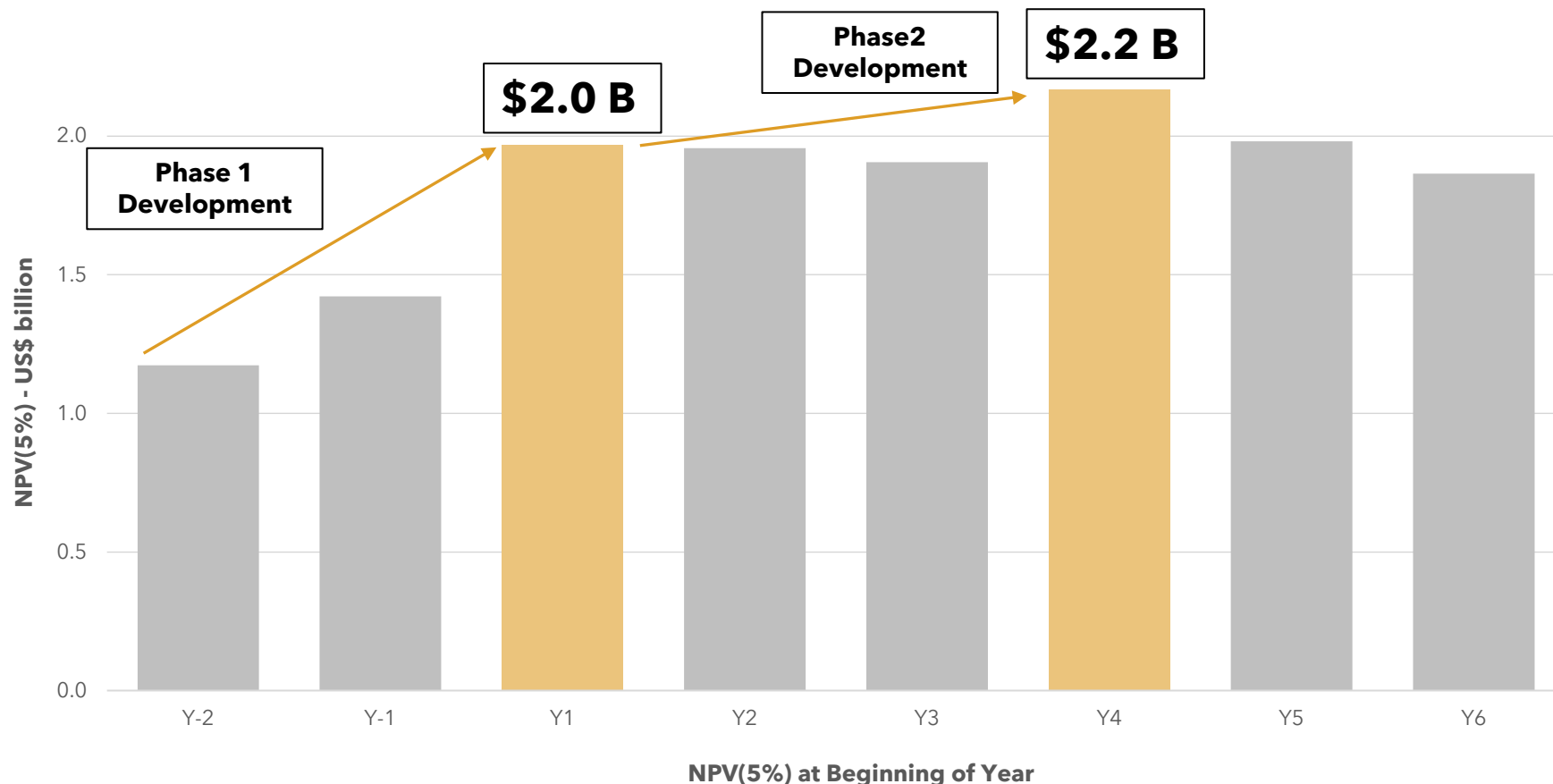
**Cordero is a large-scale, capital-efficient project with low costs that is expected to generate substantial free cash flow**

	Unit	FS
Silver Price	(US\$/oz)	\$22.00
NPV(5%) - After-tax	(US\$M)	\$1,177
IRR - After-tax	(%)	22.0%
Payback - After-tax	(years)	5.2
Initial Capex	(US\$M)	\$606
Expansion Capex	(US\$M)	\$309
Sustaining Capex - Life of Mine	(US\$M)	\$388
Total Capex - Life of Mine	(US\$M)	\$1,302
AISC Y1 - Y8 - Co-product	(US\$/AgEq oz)	\$12.48
AISC Y1 - Y8 - Net of by-products	(US\$/Ag oz)	\$0.34
AISC Life of Mine - Co-product	(US\$/AgEq oz)	\$13.47
AISC Life of Mine - Net of by-products	(US\$/Ag oz)	\$1.77



# After-tax NPV Accretion

## Rolling After-tax NPV(5%) of Cordero expands to over \$2 billion

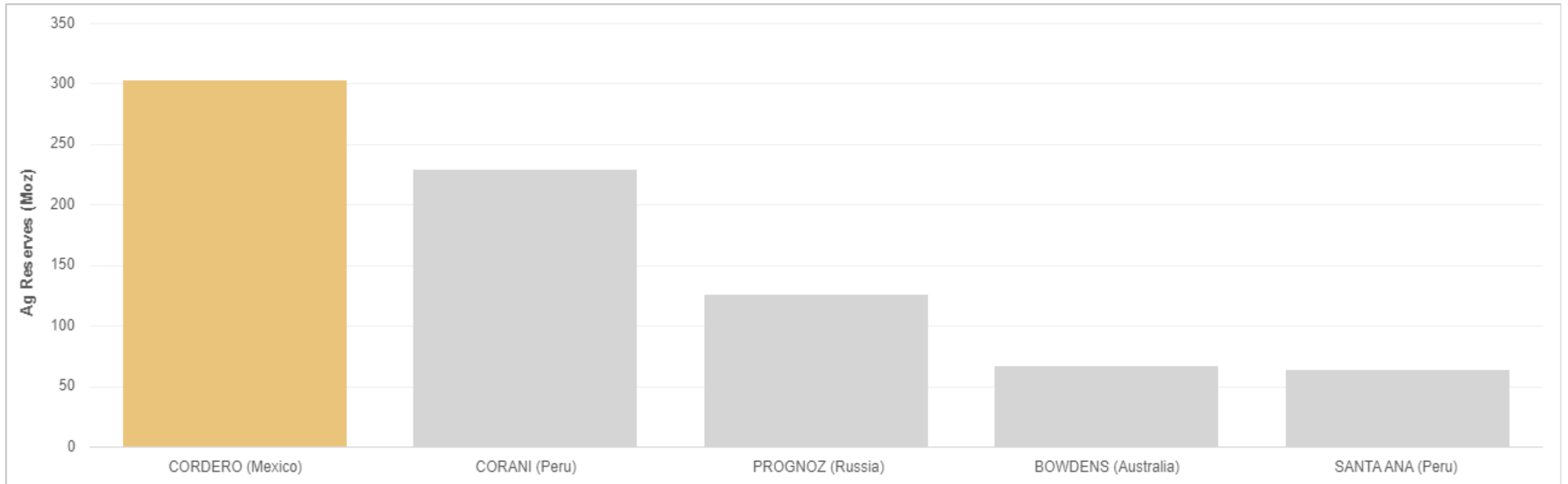


- After-tax NPV(5%) post Phase 1 development of US\$2.0 billion
- After-tax NPV(5%) post Phase 2 development of US\$2.2 billion



# Silver Reserves

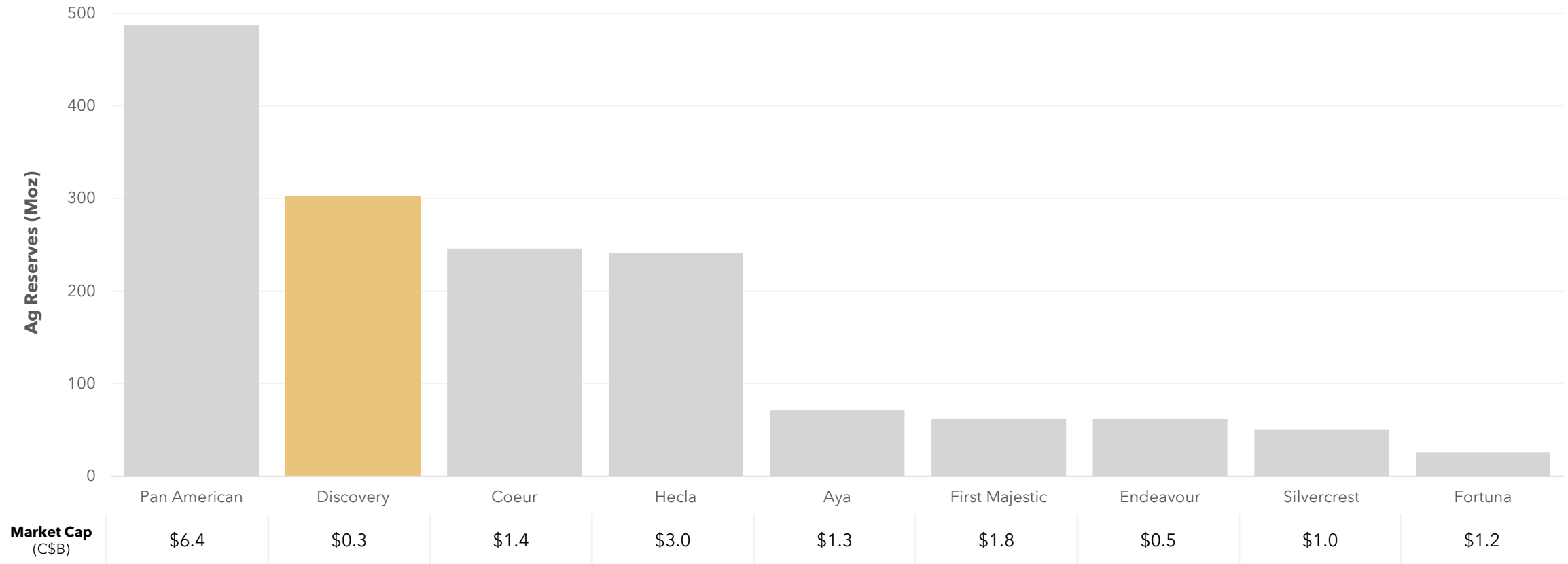
**Cordero ranks as the world's largest undeveloped silver deposit by reserves**





# Silver Reserves vs. Producer Peers

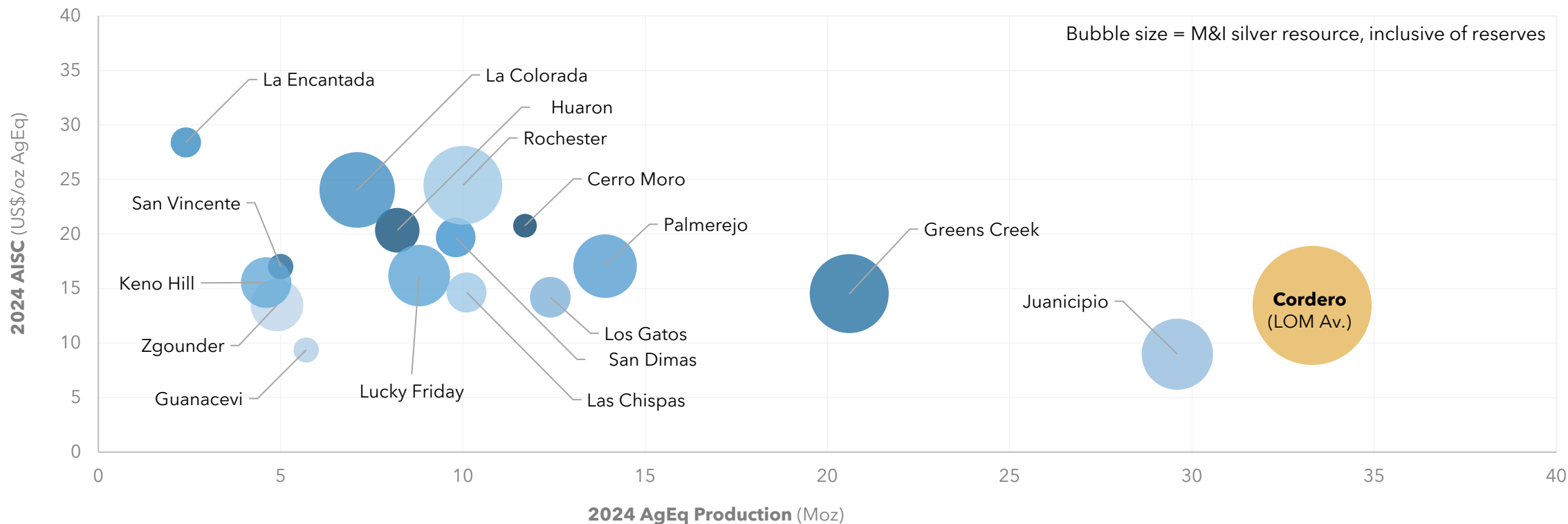
**Second highest reserve base among North American listed silver producers**



# Large Scale & Low Cost

**Cordero is uniquely positioned in the silver space based on its volume of production, low costs and resource size**

**AgEq Production & AISC & Ag Resource (M&I)<sup>1</sup>**



1. Source: AgEq production and AISC sourced from BMO Capital Markets Equity Research and street consensus. Cordero AgEq production is annual average and AISC is LOM average. M&I silver resource is sourced from Company reports and is inclusive of reserves.

# Expansion Potential

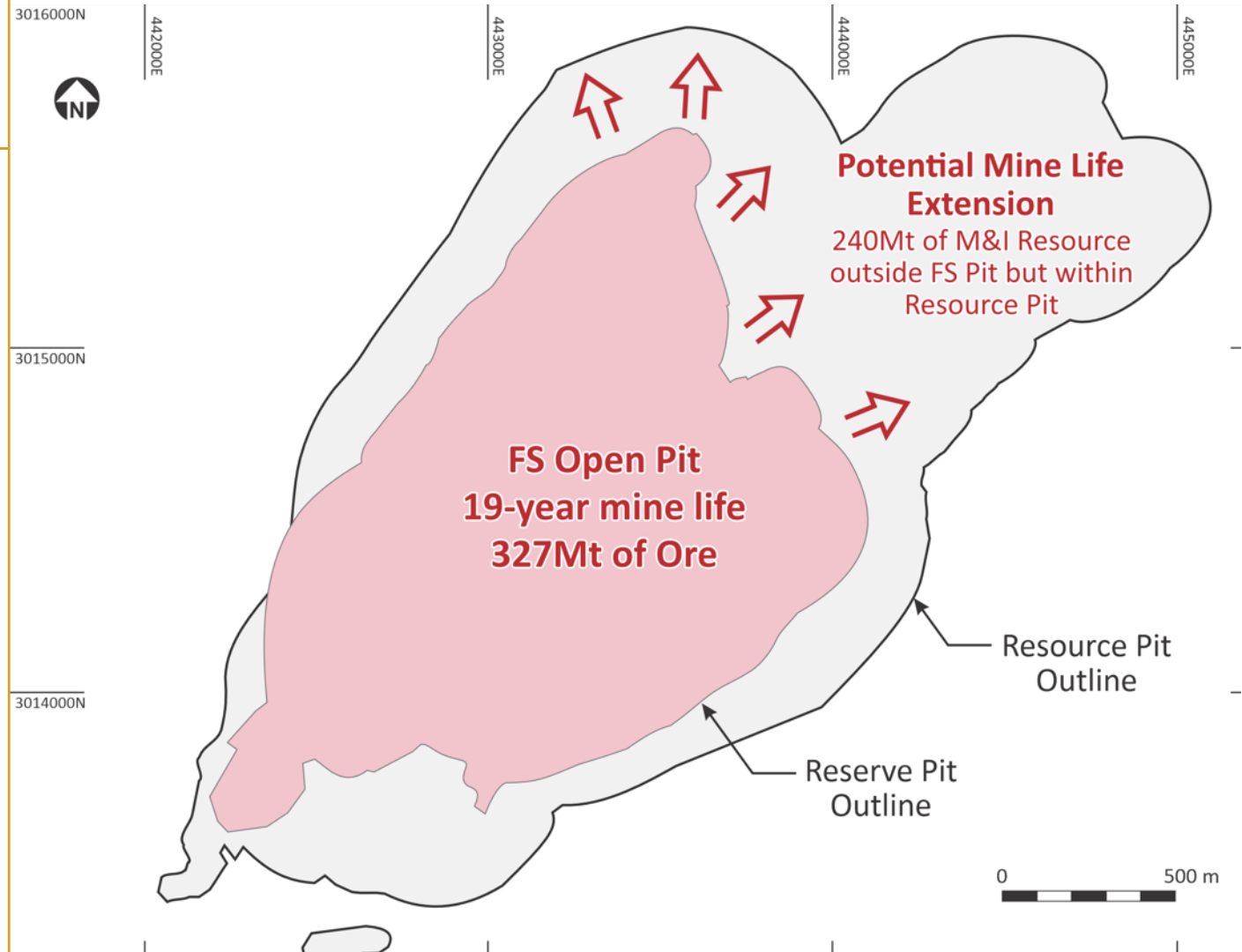
## Substantial mine life extension potential at modestly higher metal prices

### Reserves (Ag = \$22/oz)

- Ag - 302 Moz
- Pb - 3.0 Blb
- Zn - 5.2 Blb

### Resource (Ag = \$24/oz)

- Ag - 493 Moz
- Pb - 4.8 Blb
- Zn - 9.1 Blb



# Established Infrastructure

**Cordero is ideally located in a prolific mining region in northern Mexico with established infrastructure**



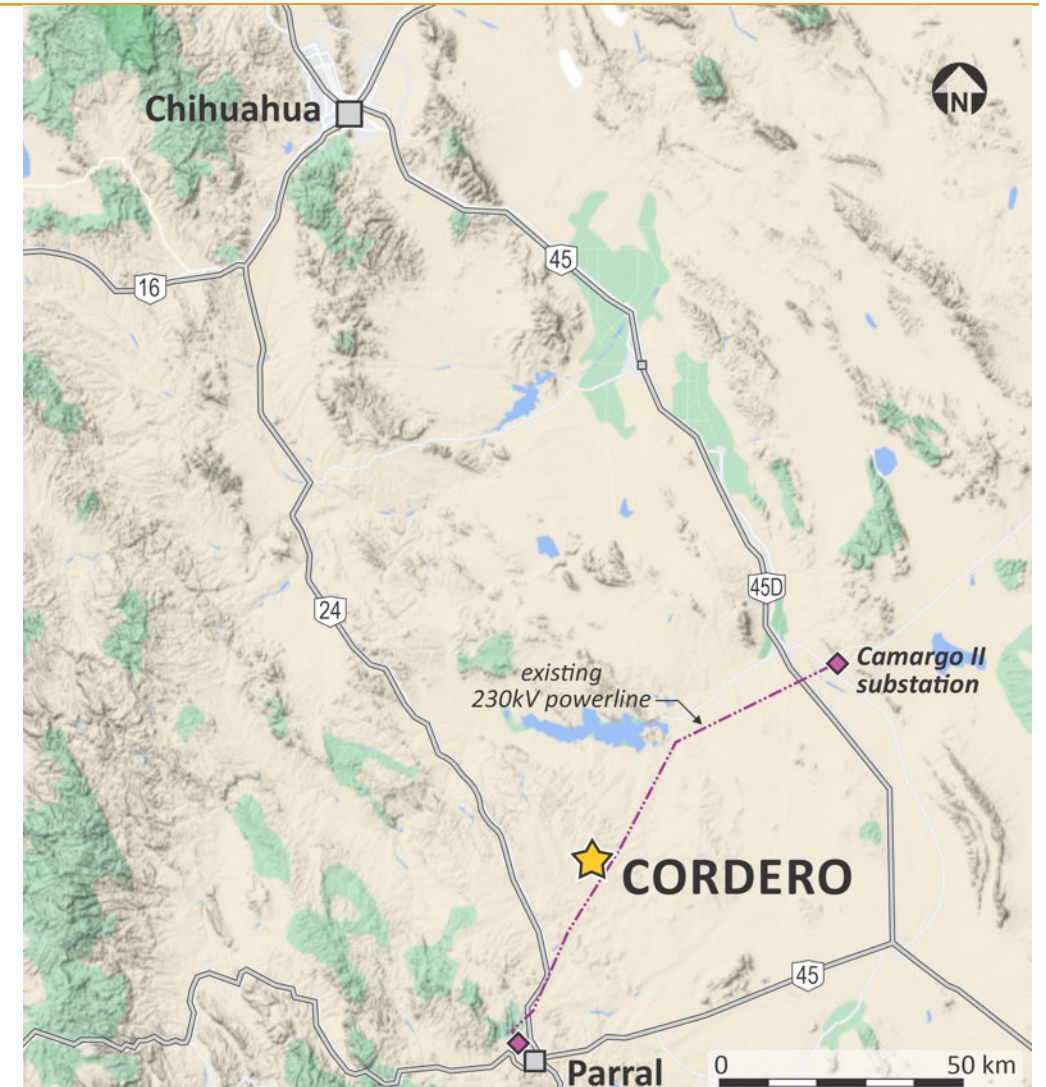
## **Chihuahua (population 1,100,000)**

- International airport
- Major industrial hub for mining and manufacturing

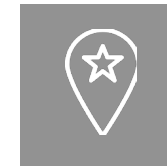
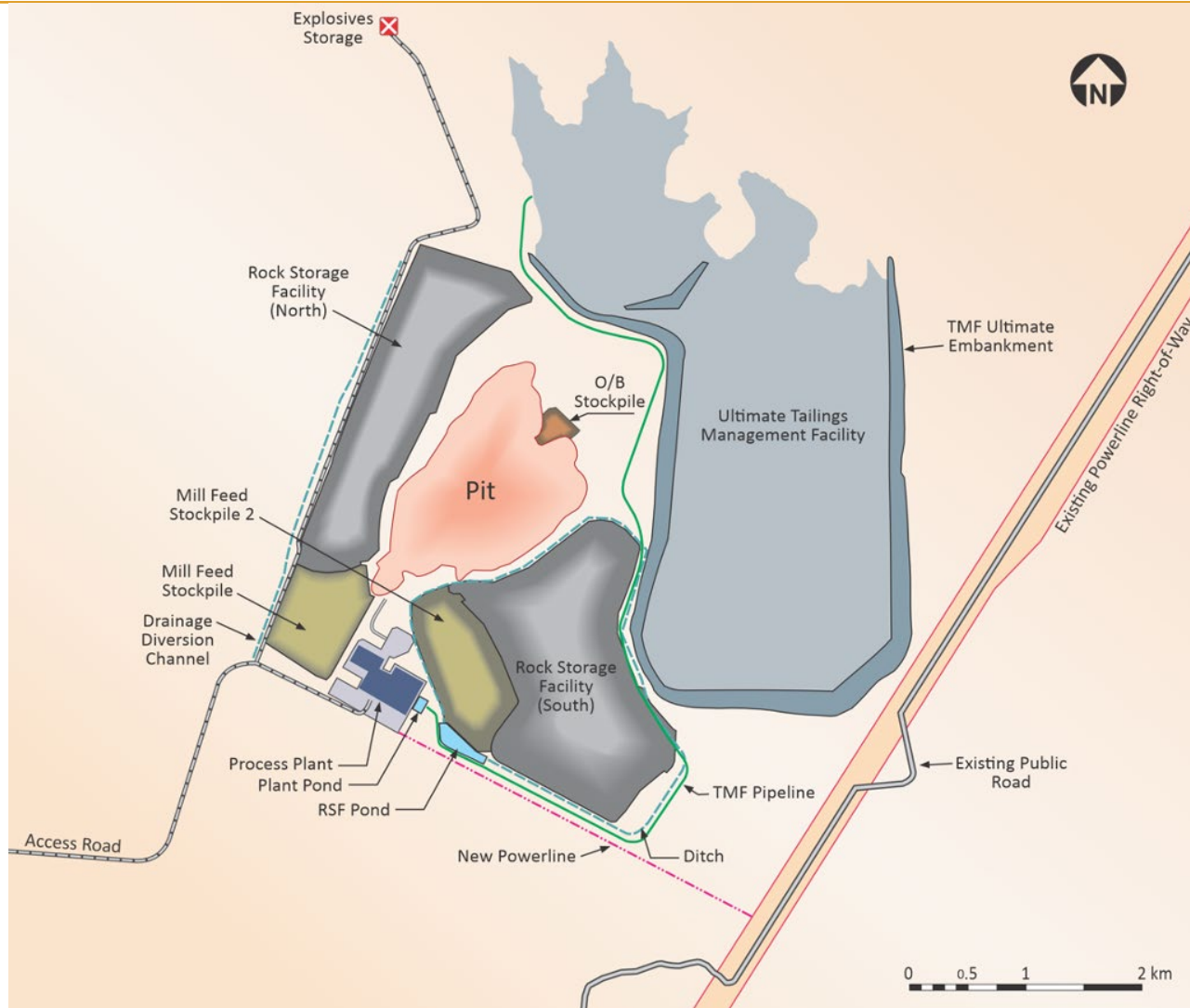
## **Parral (population 120,000)**

- Mining town dating back to 1600s
- Major mining and logistics hub for the region

Major highways and powerlines run adjacent to the project



# Site Layout



## Site layout benefits from:

- Gentle topography
- Competent bedrock
- Non-acid generating waste rock
- Ample availability of borrow material
- No major relocation of infrastructure, lakes or waterways required



# Corporate Summary

## Capital structure, cash balance and share ownership

Ticker: DSV-TSX, DSVSF-OTCQX

Cash balance: CDN ~\$60M

Share price - \$0.60 (Feb. 21, 2024)

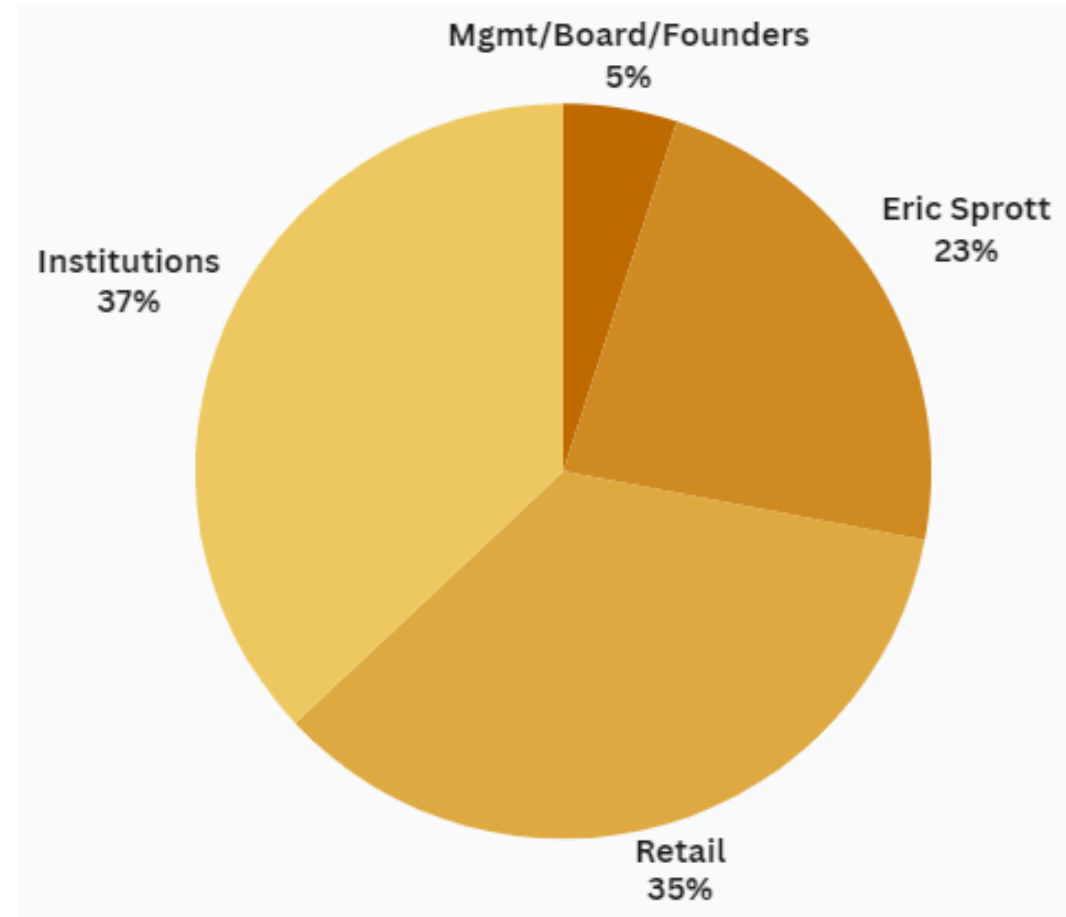
Shares outstanding - 395M

Options outstanding - 25 M

Fully diluted shares outstanding: 420 M

Basic market capitalization - C\$240 M

P/NAV (consensus) - 0.2x



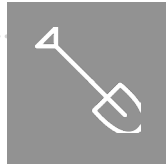
# Next Steps

## Our path to becoming the next major silver producer



### Permit/Financing

- Project finance discussions
- Receipt of construction permit/  
construction decision



### Construction

- Commence project construction
- ~2-year development period



### Operations

- Process plant commissioning
- First metal production

## Our upcoming work program

### Permits

- Submitted Environmental Impact Assessment (MIA) in August 2023; review process is ongoing
- Submission of the Change of Land Use (CUS)

### Project Financing

- All financing options for the Project to be progressed
- Options include equity, debt, offtake, joint ventures, partnerships, lease financing on major equipment, streams, royalties and other strategic alternatives.

### Further De-risking

- Advance engineering work, the acquisition and leasing of surface rights where appropriate
- Advance permitting for the land, power and water required for the development and operation of Cordero



Do you have any  
questions?

[info@discoverysilver.com](mailto:info@discoverysilver.com)

416 613 9410



# Appendices

Cordero Feasibility Study Results



# Construction

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# Capex Summary

**Highly capital efficient project with an NPV to Capex ratio of 2x**

	INITIAL	EXPANSION	SUSTAINING	TOTAL LOM
<b>CAPITAL EXPENDITURES</b> (US\$ M)				
Mining	\$117	\$2	\$110	\$229
On-site Infrastructure	\$44	\$14	-	\$57
Process Plant	\$210	\$148	-	\$359
Tailings Management	\$28	\$60	\$221	\$310
Offsite Infrastructure	\$57	-	\$16	\$73
Project Indirects	\$73	\$44	\$11	\$128
Owner's Costs	\$11	\$4	-	\$14
Contingency	\$65	\$37	\$31	\$133
Closure costs/Salvage value	-	-	\$75	\$75
<b>TOTAL CAPEX</b>	<b>\$606</b>	<b>\$309</b>	<b>\$463</b>	<b>\$1,377</b>

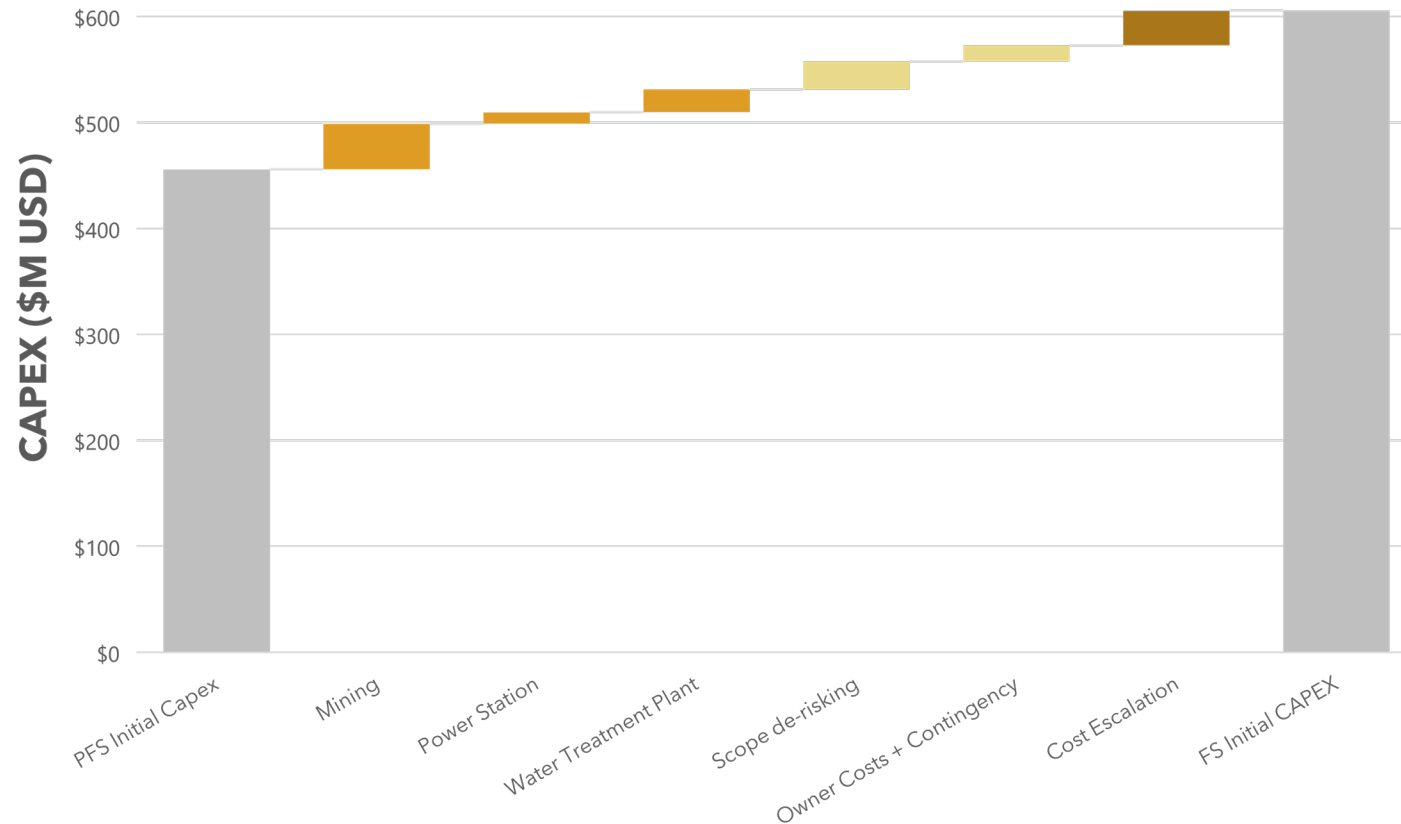
### Capital efficiency driven by:

- Staged expansion of process plant
- Simple and conventional process design
- Competent bedrock
- Thin overburden minimizes required earthworks
- Gentle topography
- Deposit comes to surface, resulting in minimal pre-strip
- Established infrastructure locally
- Proximity to the mining town of Parral (no need for large camp at site)



# Initial CAPEX FS vs. PFS

## Capex increase driven by scope expansion, scope de-risking and cost inflation



### Changes in Initial Capital estimate vs. PFS caused by:

- Mining - increased pre-strip and additional equipment & infrastructure
- Power station - upgrade to Camargo substation
- Water treatment plant - upgrade to plant and water pipeline to site
- Scope de-risking - includes preferred equipment vendors & additions to process plant design
- Owner Costs & Contingency - increase based on scope expansion
- Cost escalation - impact of cost inflation

# Process Design

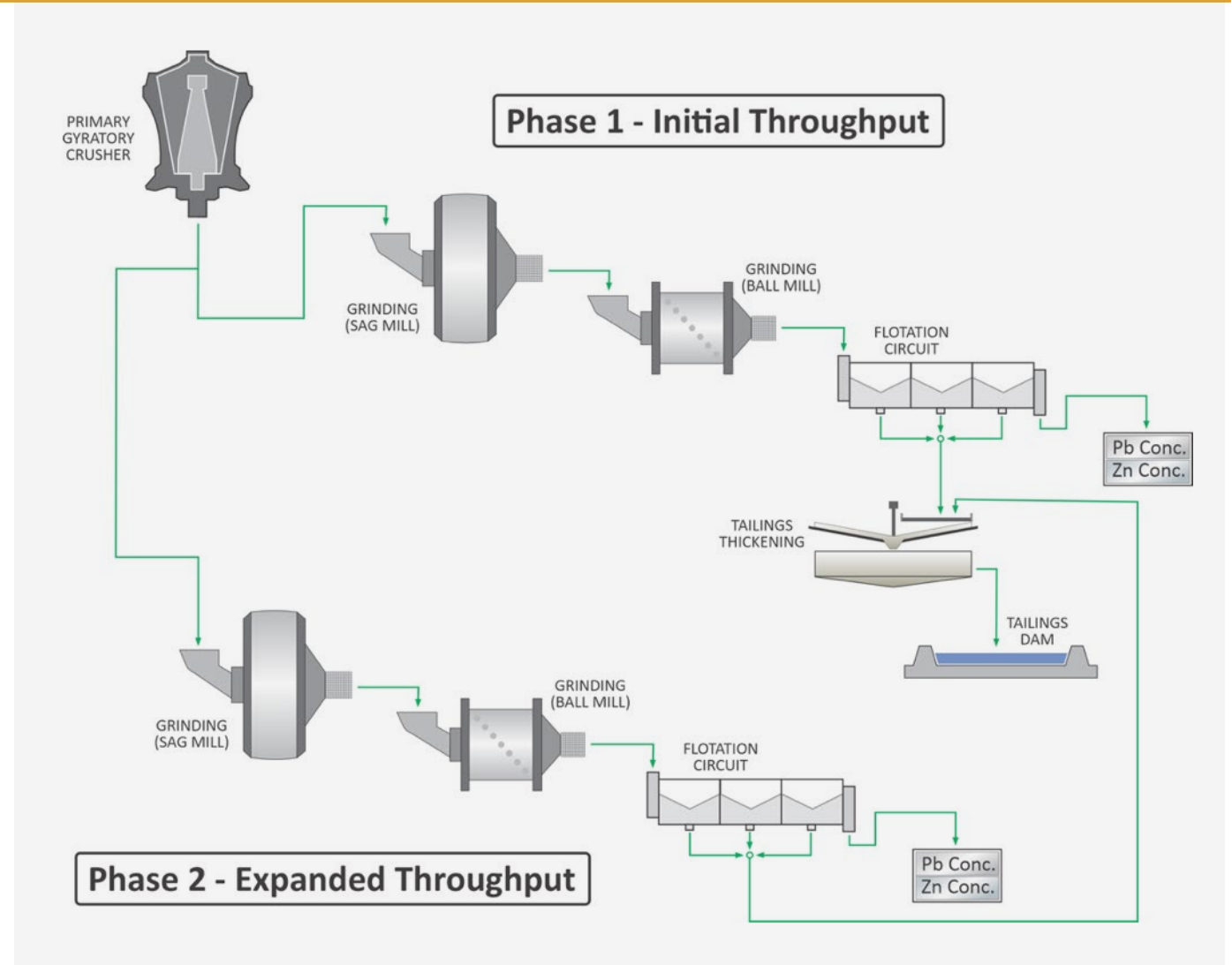
## Low execution and operating risk from a simple conventional flowsheet

### Phase 1

- Initial throughput rate of ~26,000 tpd

### Phase 2

- Expanded throughput rate of ~51,000 tpd
- Flexibility on timing of Phase 2 expansion; currently assumed to be built in Y3 and operational in Y4
- Coarse grind size yields highest recoveries (P80 = 200 micron)



# Process Site Layout







# Operations

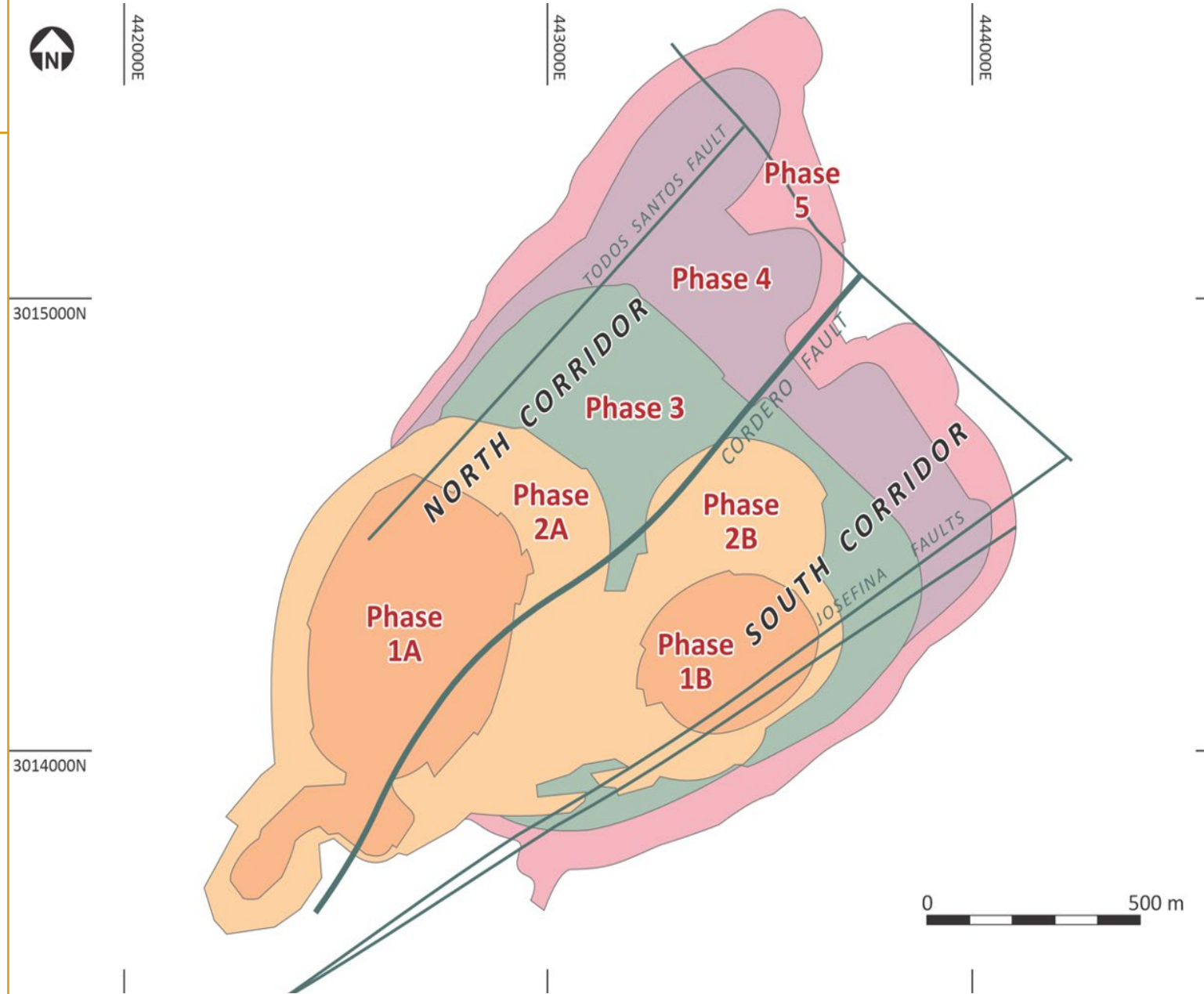
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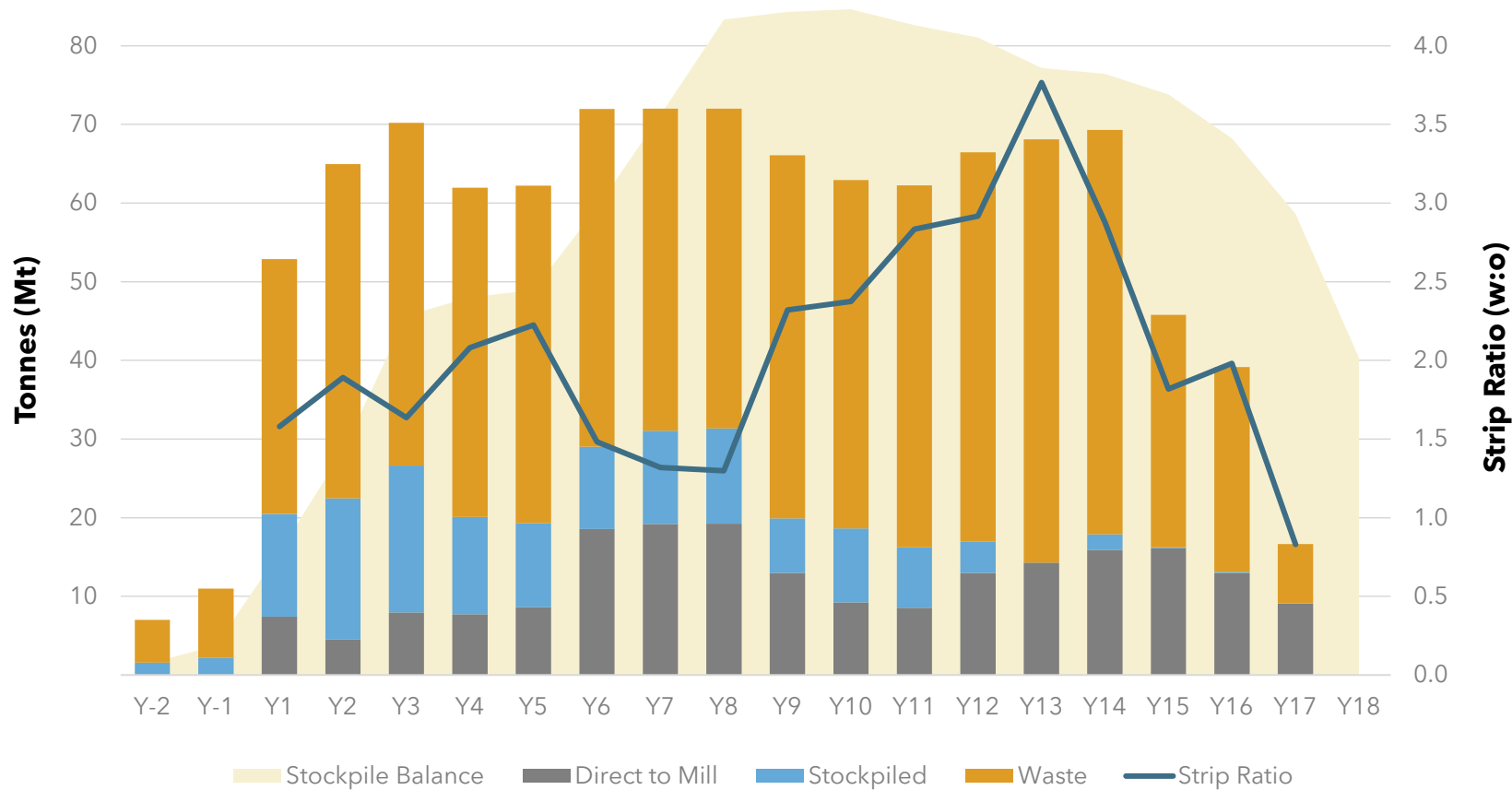
# Mine Plan

## Simple open pit with a low strip ratio

- Starter pit (Phase 1A) contains highest grade material in deposit
- 88% of mill feed in Proven category in Y1 - Y4
- Mine plan is based on a detailed mine design incorporating dilution, ore loss, safety berms & haul roads



## Straight-forward executable mine plan with steady mining rate

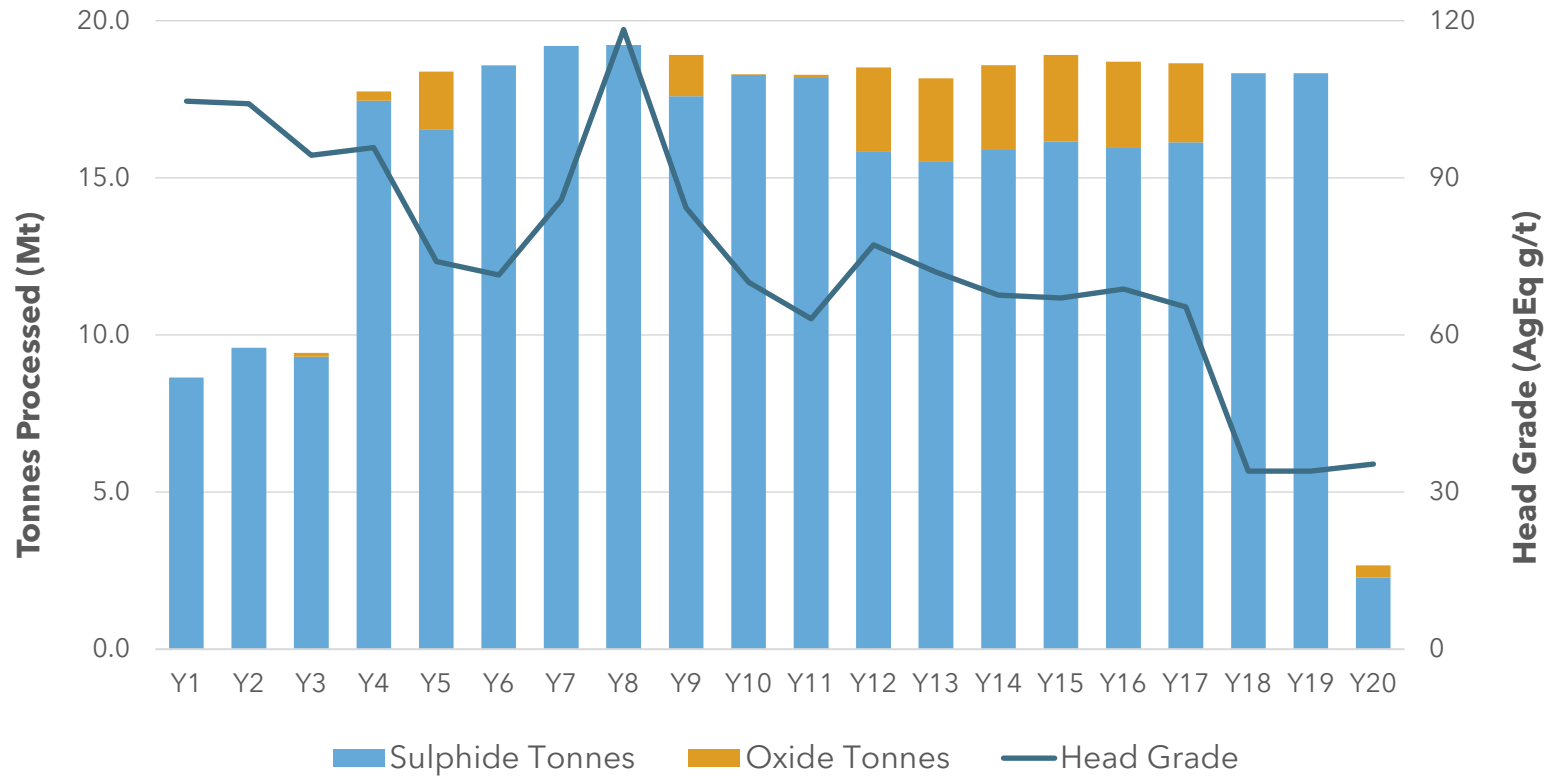


- Average strip ratio of 2.0:1 over life of mine
- Stockpiling of low-grade material allows higher grade material to be fed to mill earlier
- Steady mining rate of ~70Mt per annum



# Process Throughput

## High head grades in initial years drive early cash flow



- Average head grade +100 g/t AgEq in Y1 - Y3
- Mill expansion complete by Y4; expansion can be accelerated or deferred as required
- Slight throughput variations depending on work index of ore feed

# Metallurgical Performance

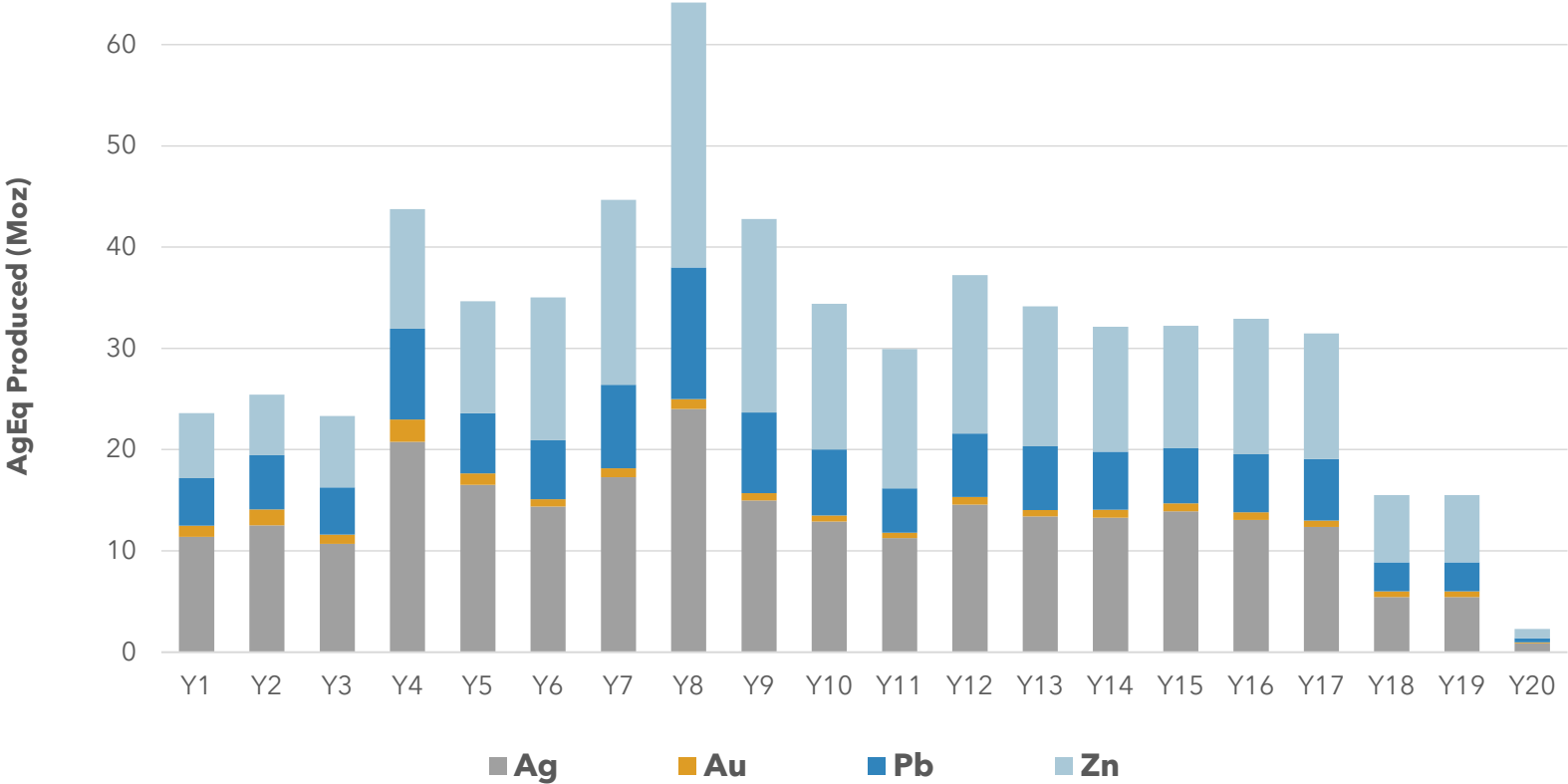
## High recoveries achieved through conventional flotation at a coarse grind size

- Positive relationship between head grade and recoveries
- ~90% of recovered Ag is recovered to Precious Metals concentrate where highest payabilities are achieved
- Recoveries achieved at a coarse grind size with low reagent dosages

	Y1 - Y4	Life of Mine
<b>Ag recovery - Total</b>	91%	87%
Ag recovery - Precious Metals con	83%	77%
Ag recovery - Zn con	8%	10%
<b>Pb recovery</b>	91%	86%
<b>Zn recovery</b>	85%	85%

# Metal Production

**At 33Moz AgEq of average annual production, Cordero will be one of the world's largest silver mines**



- 33Moz AgEq average annual production
- 64Moz AgEq peak annual production
- 635Moz AgEq life of mine production
- Silver represents +50% of net smelter return in Y1 - Y4 and +45% over the life of mine

# Concentrate Marketing

## High demand expected for clean saleable concentrates

- Significant volumes of clean Ag-Pb and Zn concentrates expected to have significant demand from local buyers and offshore smelters/traders
- Penalties make up less than 0.4% of gross revenues
- Assumed treatment charges and refining costs (TCRCs) for FS significantly higher than current spot TCRCs
- Average annual concentrate volumes
  - Ag-Pb con: 120,000 dry metric tonnes
  - Zn con: 210,000 dry metric tonnes

	Ag	Au	Pb	Zn
<b>Precious Metals Concentrate</b>				
Concentrate grades	3,062 g/t	2.05 g/t	50%	–
Payable metal	95%	95%	95%	–
Minimum deduction	50 g/t	1 g/t	3 units	–
<b>Zinc Concentrate</b>				
Concentrate grades	231 g/t	0.62 g/t	–	50%
Payable metal	70%	70%	–	85%
Deduction	3 oz/t	1 g/t	–	8 units
PARAMETER	UNITS	FS COST	SPOT	5-YEAR BENCHMARK AVERAGE
<b>Treatment/Refining Charges</b>				
Treatment charge - PM con	\$/dmt	\$120	~\$25	~\$130
Treatment charge - Zn con	\$/dmt	\$200	~\$90	~\$215
Ag refining charge - PM con	\$/oz	\$1.00	~\$1.00	~\$1.05

# Concentrate Logistics

**Both onshore and offshore options to be pursued for concentrate delivery**



- In-country smelters include Torreon lead-zinc smelter owned by Penoles and the San Luis Potosi zinc smelter (central Mexico) owned by Grupo Mexico
- Concentrate for offshore to be trucked to either Guaymas or Manzanillo for shipping
- Offshore destination options include Japan, Korea, China, Europe and Canada







# Project Economics

Discovery silver





# Operating Costs

**Costs benefit from a large-scale operation with a low strip ratio and excellent metallurgy**

ITEM	UNIT COST		LOM COST
<b>Mining Cost</b>	\$2.35	(\$/t mined)	\$2,406M
	\$7.35	(\$/t processed)	
<b>Processing Costs</b>			
Phase 1 - 26ktpd	\$6.56	(\$/t processed)	\$2,056M
Phase 2 - 51ktpd	\$6.24	(\$/t processed)	
<b>Site G&amp;A</b>			
Phase 1 - 26ktpd	\$0.97	(\$/t processed)	\$192M
Phase 2 - 51ktpd	\$0.54	(\$/t processed)	

## Mining cost

- Generated from first principles
- Assumes owner-operated mining with lease financing

## Processing cost

- Based on detailed comminution & flotation testwork
- Costs benefit from large scale, a simple flowsheet, coarse grind size and low reagent consumption

## Site G&A cost

- Generated from first principles
- Costs benefit from only a small camp and administration office required at site

# Project Economics

**Attractive project economics with after-tax NPV(5%) of \$1.2 billion and IRR of 22%**

	Unit	FS
NPV(5%) - After-tax	(US\$B)	\$1.2
IRR - After-tax	(%)	22.0%
Payback - After-tax	(years)	5.2
Free Cash Flow - After-tax	(US\$B)	\$2.3
NPV(5%) - Pre-tax	(US\$B)	\$2.0
IRR - Pre-tax	(%)	29.4%
Payback - Pre-tax	(years)	4.1
Free Cash Flow - Pre-tax	(US\$B)	\$3.7
AISC Y1 - Y8 - Co-product	(US\$/AgEq oz)	\$12.48
AISC Y1 - Y8 - Net of by-products	(US\$/Ag oz)	\$0.34
AISC Life of Mine - Co-product	(US\$/AgEq oz)	\$13.47
AISC Life of Mine - Net of by-products	(US\$/Ag oz)	\$1.77

- Financial metrics based on Ag - \$22/oz, Pb - \$1.00/lb and Zn - \$1.20/lb
- Payback period currently delayed due to timing of mill expansion build in Y3
- Opportunity to delay mill expansion for project financing purposes if required
- AISC <\$12.50/AgEq oz in Y1 - Y8 places Cordero in the bottom half of cost curve

# Commodity Price Leverage

## Unparalleled leverage to rising silver prices

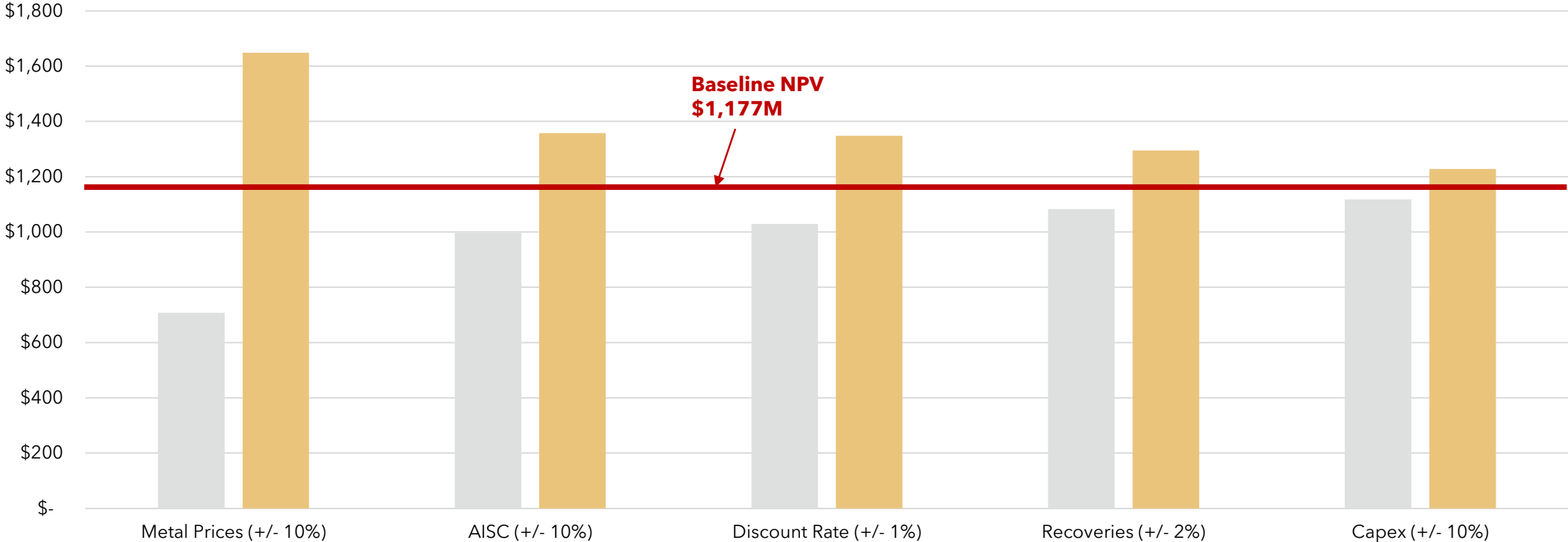
NPV/IRR/Payback sensitivity to Ag/Zn prices: (Fixed prices for Au = \$1,600/oz & Pb = \$1.00/lb)

	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)	
	\$1.05	\$602	14.7	6.9	\$784	17.2	6.3	\$965	19.7	5.8	\$1,237	23.1	4.8	\$1,690	28.5	4.1
	\$1.10	\$673	15.6	6.7	\$854	18.1	6.2	\$1,036	20.4	5.6	\$1,308	23.8	4.8	\$1,761	29.2	4.0
<b>Zn (\$/lb)</b>	\$1.20	\$814	17.4	6.4	\$996	19.7	5.9	<b>\$1,177</b>	<b>22.0</b>	<b>5.2</b>	\$1,449	25.2	4.6	\$1,902	30.5	3.9
	\$1.30	\$955	18.9	6.1	\$1,137	21.2	5.5	\$1,318	23.4	4.9	\$1,590	26.6	4.4	\$2,043	31.7	3.8
	\$1.45	\$1,167	21.2	5.7	\$1,348	23.4	5.1	\$1,530	25.5	4.7	\$1,802	28.6	4.2	\$2,254	33.5	3.7

NPV(5%) upside estimates do NOT include the mine life extension generated by a larger pit at higher silver prices.

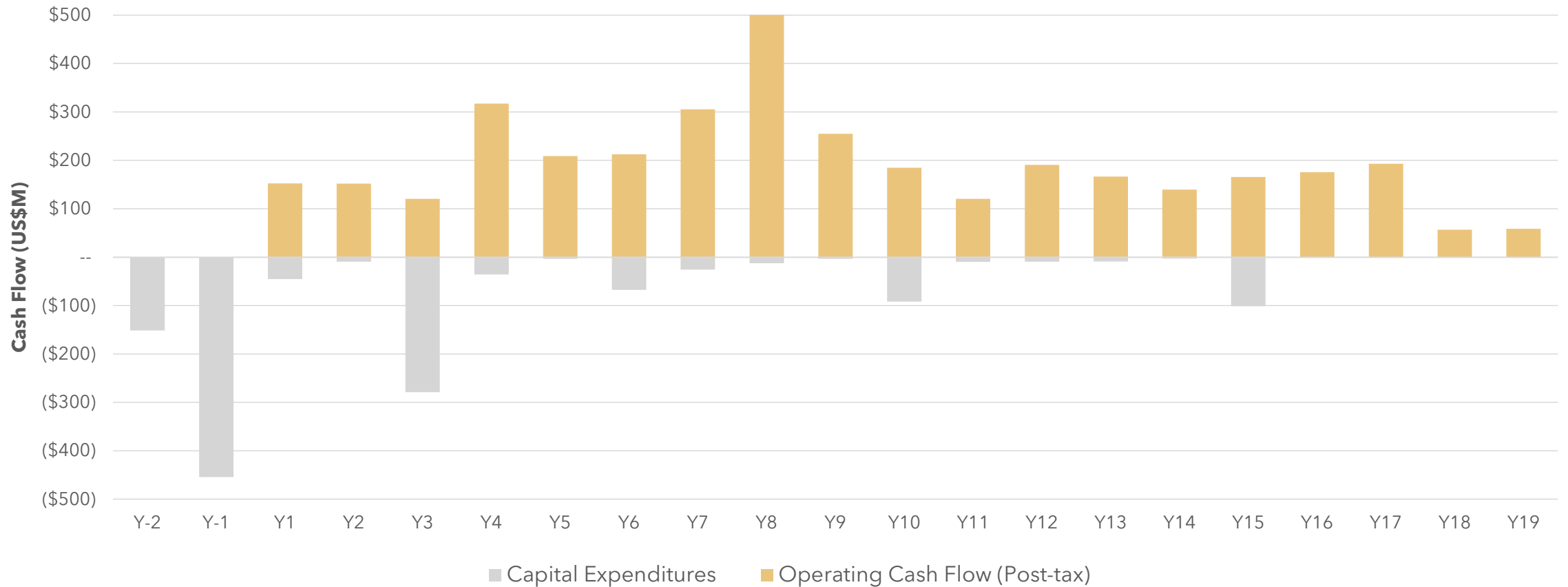
# Financial Sensitivities

## After-tax NPV(5%) sensitivities to changes to key inputs

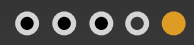


# After-tax Free Cash Flow

**Total after-tax free cash flow of US\$2.3 billion over the life of mine**







# Resources & Reserves

Discoverysilver



# Resource Statement



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	29	29	0.07	0.23	0.27	<b>49</b>	27	67	148	171	<b>45</b>
	Indicated	37	24	0.06	0.25	0.29	<b>44</b>	28	74	207	241	<b>53</b>
	<b>M&amp;I</b>	<b>66</b>	<b>26</b>	<b>0.07</b>	<b>0.24</b>	<b>0.28</b>	<b>46</b>	<b>55</b>	<b>142</b>	<b>355</b>	<b>412</b>	<b>99</b>
	<b>Inferred</b>	<b>32</b>	<b>19</b>	<b>0.03</b>	<b>0.26</b>	<b>0.33</b>	<b>42</b>	<b>20</b>	<b>35</b>	<b>188</b>	<b>234</b>	<b>43</b>
SULPHIDE	Measured	324	24	0.07	0.34	0.63	<b>57</b>	247	745	2,413	4,473	<b>598</b>
	Indicated	329	18	0.04	0.28	0.58	<b>48</b>	190	416	2,045	4,215	<b>506</b>
	<b>M&amp;I</b>	<b>653</b>	<b>21</b>	<b>0.06</b>	<b>0.31</b>	<b>0.60</b>	<b>53</b>	<b>437</b>	<b>1,161</b>	<b>4,458</b>	<b>8,687</b>	<b>1,104</b>
	<b>Inferred</b>	<b>116</b>	<b>12</b>	<b>0.02</b>	<b>0.16</b>	<b>0.35</b>	<b>30</b>	<b>45</b>	<b>86</b>	<b>418</b>	<b>906</b>	<b>111</b>
TOTAL	Measured	353	24	0.07	0.33	0.60	57	274	812	2,561	4,644	643
	Indicated	366	19	0.04	0.28	0.55	47	218	490	2,252	4,456	559
	<b>M&amp;I</b>	<b>719</b>	<b>21</b>	<b>0.06</b>	<b>0.30</b>	<b>0.57</b>	<b>52</b>	<b>493</b>	<b>1,303</b>	<b>4,813</b>	<b>9,099</b>	<b>1,202</b>
	<b>Inferred</b>	<b>149</b>	<b>14</b>	<b>0.03</b>	<b>0.18</b>	<b>0.35</b>	<b>32</b>	<b>65</b>	<b>121</b>	<b>606</b>	<b>1,140</b>	<b>155</b>

## 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

# Reserves Statement



MATERIAL	CLASS	TONNES (Mt)	GRADE				CONTAINED METAL			
			Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	Ag (Moz)	Au (koz)	Pb (Mlb)	Zn (Mlb)
OXIDE	Proven	10	46	0.08	0.35	0.38	15	0.03	0.08	0.09
	Probable	10	40	0.09	0.40	0.42	13	0.03	0.09	0.09
	<b>Total P&amp;P</b>	<b>20</b>	<b>43</b>	<b>0.08</b>	<b>0.37</b>	<b>0.40</b>	<b>28</b>	<b>0.05</b>	<b>0.17</b>	<b>0.18</b>
SULPHIDE	Proven	212	29	0.09	0.42	0.74	199	0.61	1.96	3.48
	Probable	95	24	0.06	0.40	0.73	74	0.18	0.83	1.53
	<b>Total P&amp;P</b>	<b>307</b>	<b>28</b>	<b>0.08</b>	<b>0.41</b>	<b>0.74</b>	<b>274</b>	<b>0.78</b>	<b>2.79</b>	<b>5.00</b>
TOTAL	Proven	223	30	0.09	0.42	0.73	214	0.64	2.04	3.57
	Probable	104	26	0.06	0.40	0.70	87	0.20	0.91	1.62
	<b>Total P&amp;P</b>	<b>327</b>	<b>29</b>	<b>0.08</b>	<b>0.41</b>	<b>0.72</b>	<b>302</b>	<b>0.84</b>	<b>2.96</b>	<b>5.18</b>

## 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
- The metallurgical recoveries were varied according to head grade and concentrate grades. Lead concentrate recoveries for sulphide material were approximately 87.5%, 73.9% and 12.6% for lead, silver and gold respectively. Zinc concentrate recoveries for sulphide material were approximately 95.0%, 14.3% and 9.5% for zinc, silver and gold respectively. Oxide recoveries to zinc concentrates were 85%, 9% and 8% for zinc, silver, and gold respectively. Oxide recoveries to lead concentrates were 37%, 50% and 10% for lead, silver, and gold respectively..
- Operating costs: The life-of-mine mining cost averaged US\$2.35/t mined, processing costs, G&A and closure costs were US\$7.28/t ore