

Discovery silver

*Advancing Cordero, one of the
world's largest undeveloped
silver deposits*

October 2021

Forward Looking Statement & NI 43-101 Disclosure

Cautionary Statement on Forward-Looking Information & NI 43-101 Disclosure

This presentation contains certain forward-looking information and statements which may not be based on fact, 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 information and statements. The words "believe", "expect", "anticipate", "contemplate", "target", "plan", "intends", "continue", "budget", "estimate", "may", "will" and similar expressions identify forward-looking information and statements.

In addition to the forward-looking information and statements noted above, this presentation includes those that relate to: 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 Puerto Rico Project and other projects under option.

Such forward-looking information and statements are based upon a number of estimates and assumptions that, while considered reasonable by the Company as of the date of such information and 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 information and statements. Such factors include, but are not limited to, fluctuations in the price of zinc, silver 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. Many of these uncertainties and contingencies can affect the Company's actual performance and could cause actual performance to differ materially from those expressed or implied in any forward-looking information and statements made by, or on behalf of, the Company. Readers are cautioned that forward-looking information and statements are not guarantees of future performance. 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. Forward-looking information and statements is subject to a variety of risks and uncertainties which could cause actual events or results to differ from those reflected in the forward-looking information and statements. Such risks include, but are not limited to, the volatility of the price of zinc and other base and precious metals, 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. 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 information and statements. The Company disclaims any intention or obligation to update or revise any forward-looking information and 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 based on the confidence of the input data, geological interpretation and grade estimation parameters. Mineral Resources used for estimating project economics reported herein are based on inputs that include metallurgical performance, geologic and geotechnical characterization, operational costs, and other economic parameters. The Mineral Resource estimate was prepared in accordance with NI 43-101 and classifications adopted by the CIM Council. A Preliminary Economic Analysis (PEA) is a study that includes an economic analysis of the potential viability of mineral resources. The PEA is preliminary in nature. No mining study has been completed. Mineral resources are not mineral reserves and do not have demonstrated economic viability. The PEA includes inferred resources that are too speculative geologically to have the economic considerations applied to them. There is no certainty that the PEA will be realized.

Gernot Wober, 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):

¹ The most recent resource estimate for the Cordero project was press released on October 20, 2021. A summary table 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 $\text{Ag} + (\text{Au} \times 16.07) + (\text{Pb} \times 32.55) + (\text{Zn} \times 35.10)$; 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 - 84%, Au - 18%, Pb - 87% and Zn - 88%. AgEq for oxide/transition mineral resources is calculated as $\text{Ag} + (\text{Au} \times 87.5)$; this factor is based on commodity prices of Ag - \$24.00/oz and Au - \$1,800/oz and assumed recoveries of Ag - 60% and Au - 70%.

³ PEA by M3 Engineering, Resource by IMC, Mar. 1, 2018, Resource commodity prices (\$US): \$17.14/oz Ag, \$1.11/lb Zn, \$0.96/lb Pb, \$1,262/oz Au; Mine plan uses a subset of Indicated and Inferred Resources at 15 g/t AgEq cutoff. AgEq grades do not consider metallurgical or smelting recoveries.

Our Investment Case



Margin

Excellent grades over broad widths + high-grade vein potential



Size

World's largest undeveloped silver deposit



Scaleability

Resource expansion AND margin expansion at higher silver prices

Discovery Silver ... The Basics

Cordero Project

- PEA-stage Ag+ (Zn-Pb-Au) project located in Chihuahua, Mexico
- +1B oz AgEq¹ global resource, 910M oz in M&I

Strong Cash Position

- +C\$75M cash balance

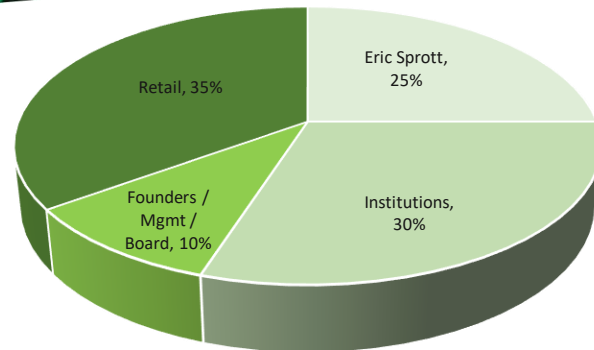
*See Appendices



Capital Structure

Shares Outstanding	325 million
Options Outstanding Weighted average exercise price \$0.98	19 million
Warrants Outstanding Weighted average exercise price \$1.13	34 million
Fully Diluted Shares Outstanding	378 million
Cash Balance	+C\$75 million
Basic Market Capitalization ⁽¹⁾	C\$480 million

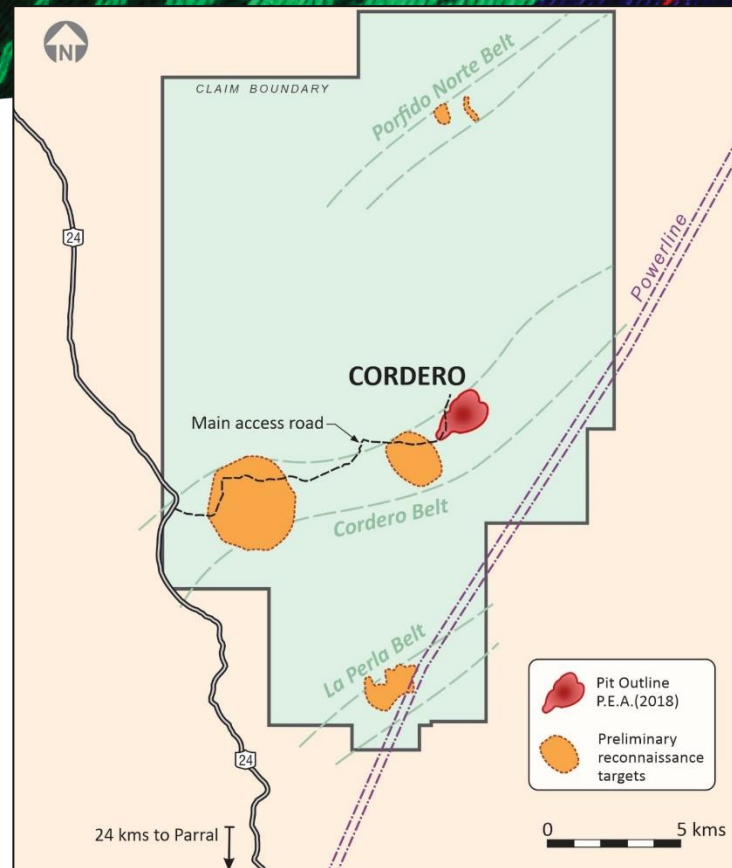
(1) Based on closing share price on TSX.V of \$1.48 on October 18, 2021.



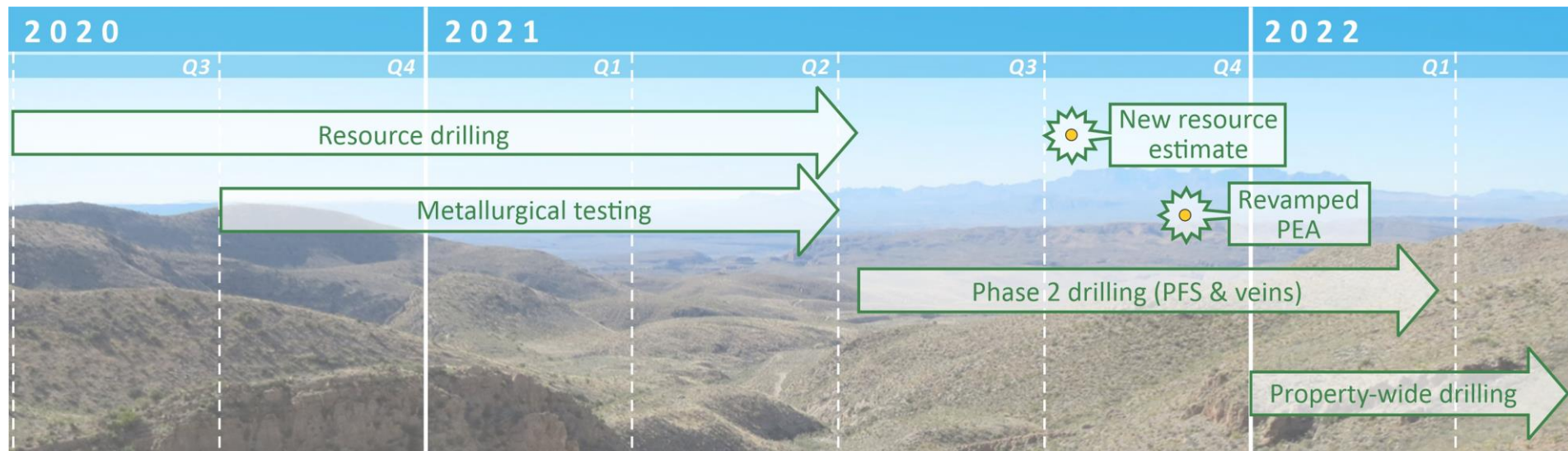
A Platform to Execute

Cordero Overview

- 100% owned
- Large land package (35,000 ha)
- Excellent local infrastructure
- Topography ideal for open pit mining
- Located in mining-friendly Chihuahua state
- Multiple property-wide targets



2021 Objectives



2021 Resource – Robust Dataset / Inputs

Extensive drill dataset

- 224,000 m / 517 drill holes

Model incorporates geological & structural constraints

Resource is pit-constrained with a waste-to-ore ratio of 1.1

Resource categorisation

- Sulphide: assumed to be processed via mill/flotation
- Oxide/transition: assumed to be processed via heap leaching

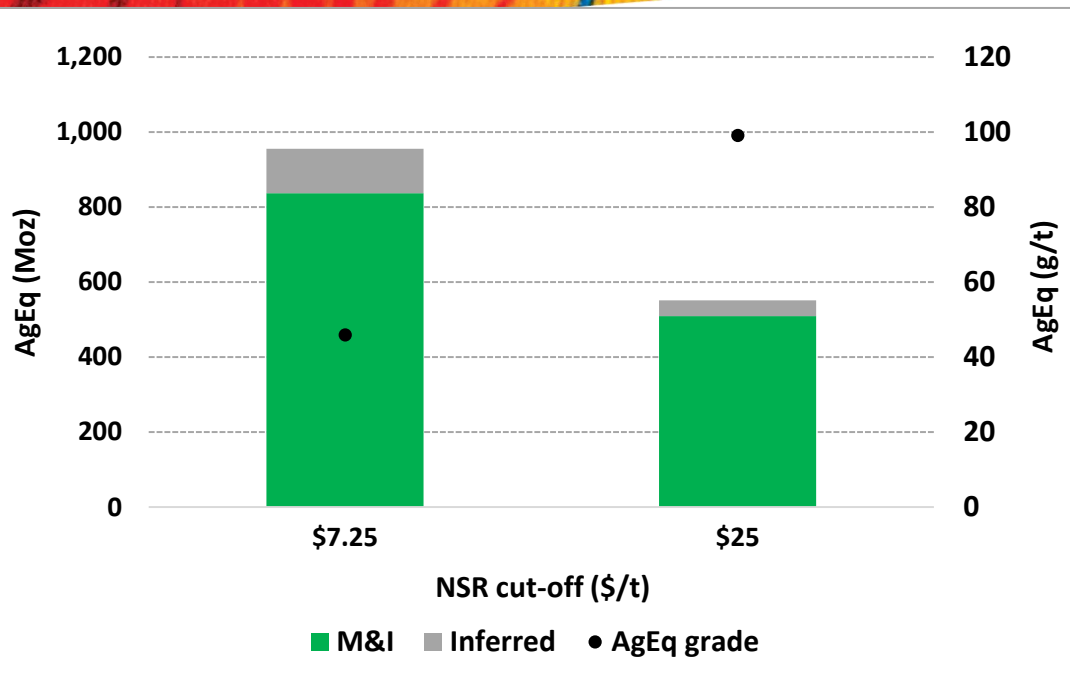
Pit constraint assumptions

- Ag - \$24.00/oz, Au - \$1,800/oz, Pb - \$1.10/lb, Zn - \$1.20/lb
- Recovery assumptions: based on 2021 met test program
- Mining costs: ~\$1.60/t + \$0.024/t per bench (AGP Mining)
- Processing costs: \$6.30/t for mill/flotation, \$3.92/t for heap leaching (Ausenco)
- G&A costs: \$0.86/t (Ausenco)

Net Smelter Return (NSR cut-off)

- NSR = Net revenue less treatment costs & refining charges
- Sulphide resource cut-off: \$7.25/t
- Oxide resource cut-off: \$4.78/t

2021 Sulphide Resource



* \$7.25/t NSR cut-off is the reporting cut-off for Sulphide mineralization. See Appendices for detailed Resource Estimate

~90% of sulphide resource is Measured & Indicated

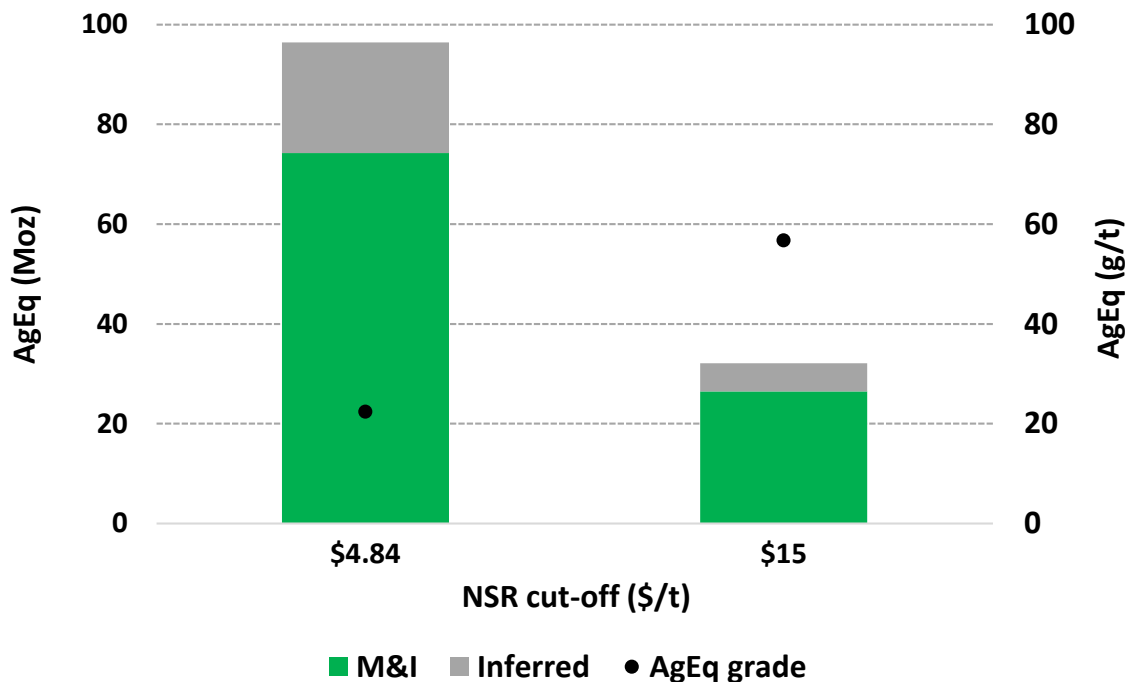
~60% of contained metal within high-grade subset

- M&I: 510 Moz AgEq at 101 g/t AgEq (\$25/t NSR cut-off)

Growth opportunities

- Bulk-tonnage: far north-east of deposit (limited drilling / encouraging intercepts)
- High-grade veins: strike and depth extensions of Todos Santos & Josefina vein trends

2021 Oxide/Transition Resource



Oxide/transition resource -> weathered material at or close to surface

Heap leach potential in early years of mine life

+30 Moz AgEq within higher-grade subset

- M&I: 14 Mt at 60 g/t AgEq
- Inferred: 4 Mt at 45 g/t AgEq

* \$4.84/t cut-off is the reporting cut-off for Oxide/Transition mineralization. See Appendices for detailed Resource Estimate

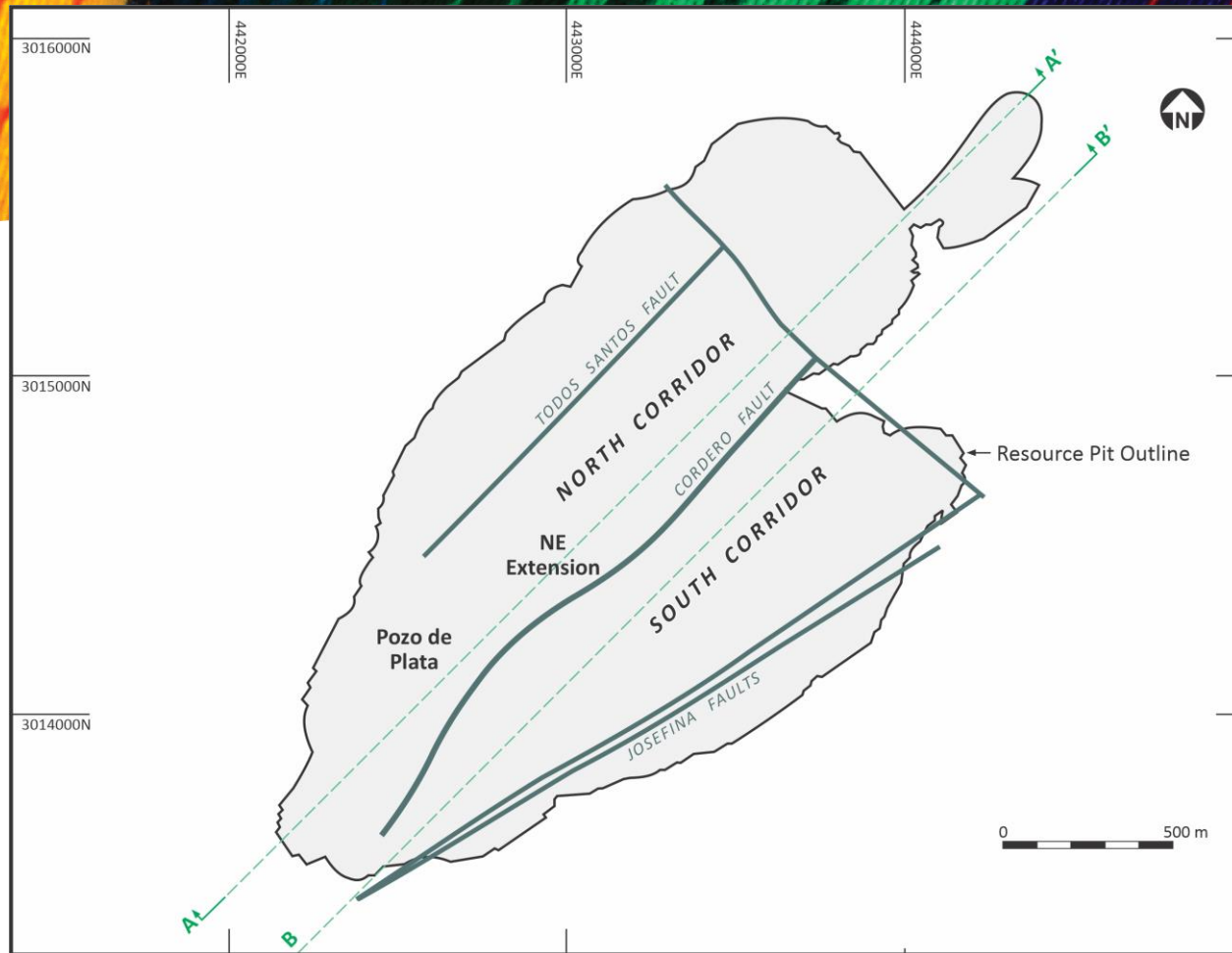
Long Sections

Long Section A – A'

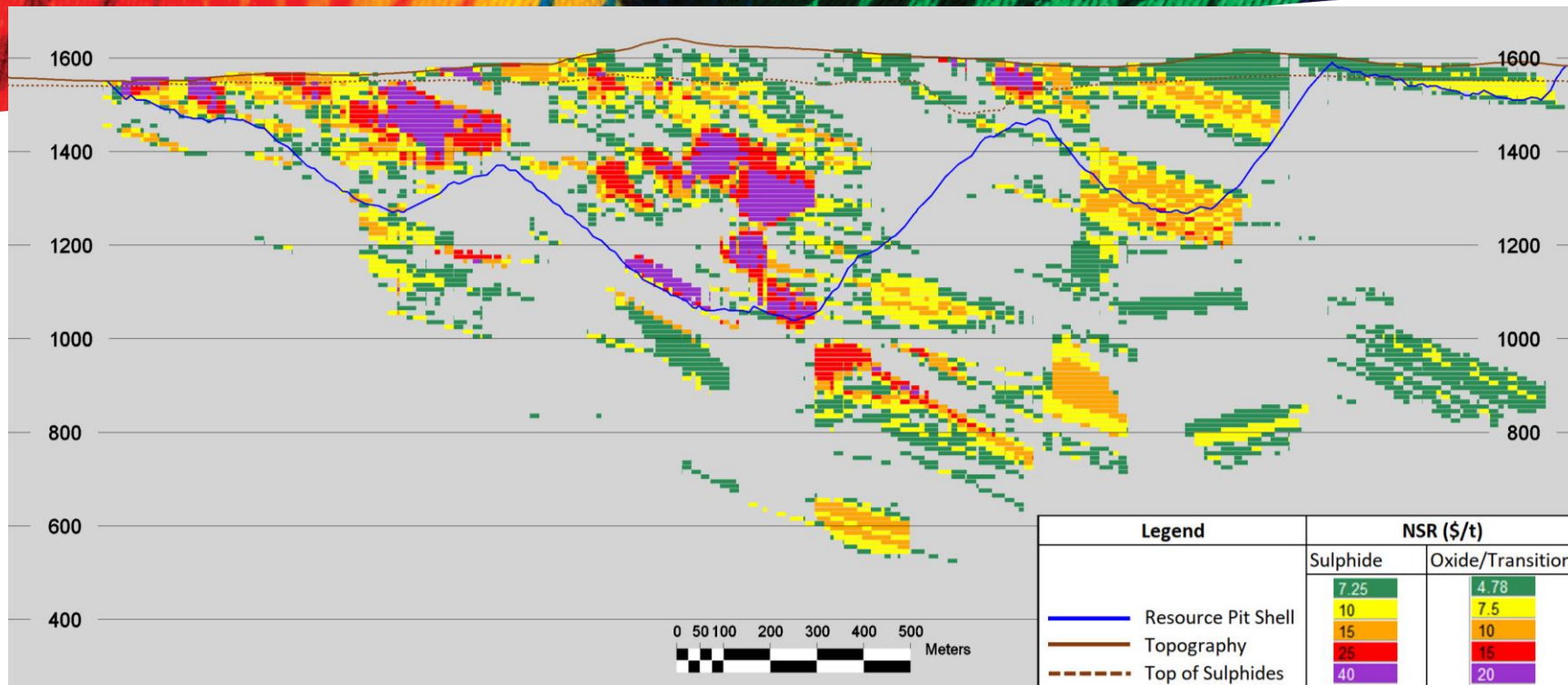
- North Corridor
- Pozo de Plata – potential sulphide starter pit
- NE Extension – second mining phase

Long Section B – B'

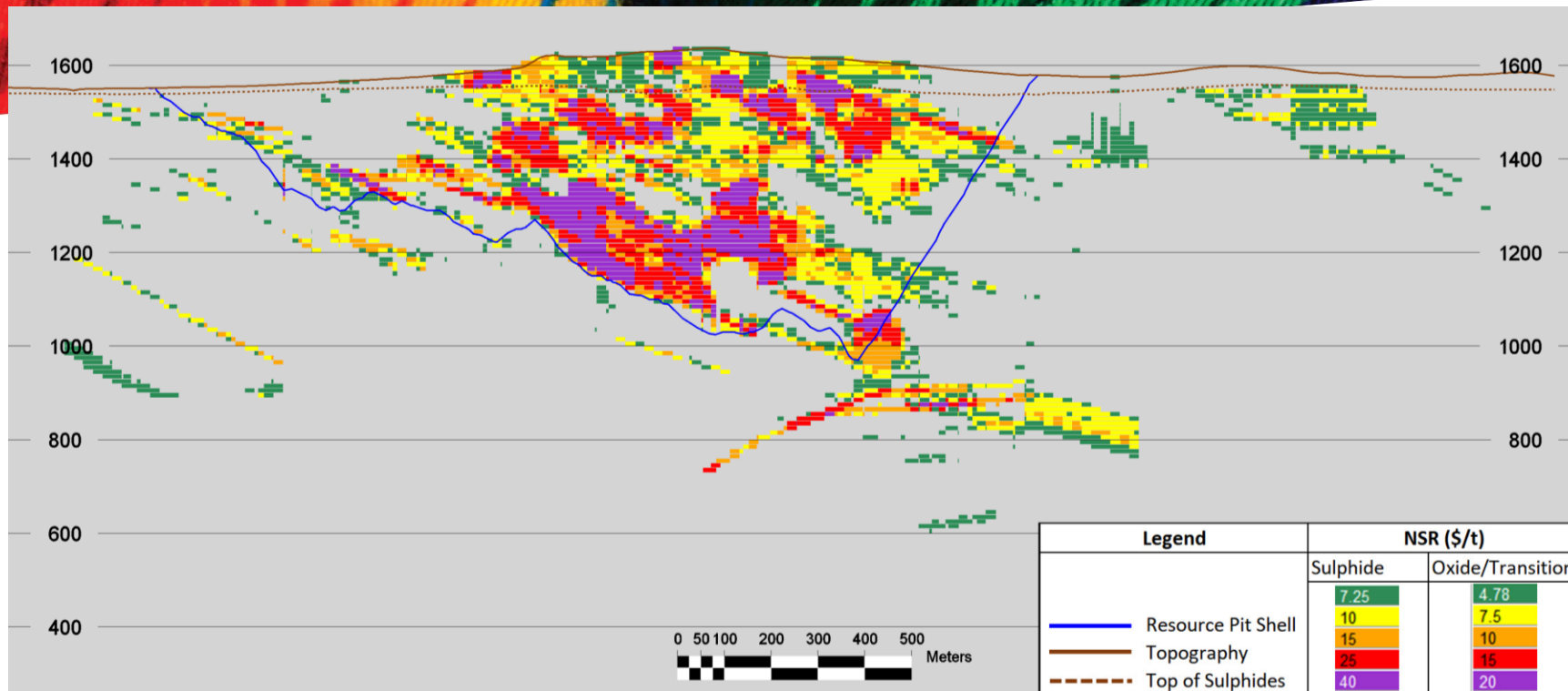
- South Corridor
- Oxide starter pit potential
- Third mining phase



Long Section A - A'



Long Section B – B'



Metallurgy – Simple & Clean

2021 Metallurgical Test Program

Recoveries

Ag: 80-89% / Pb: 83-91% / Zn: 81-90% / Au: 16-19%

Test work completed on all four major rock types

Concentrates

Saleable concentrate grades

Low levels of penalty elements

Metal separation

~90% of Ag reports to Pb con -> highest payabilities

Comminution

Highest recoveries achieved at coarse grind sizes (200 micron)

Oxide/Heap leach potential

Oxide 'pre-strip' material responds well to cyanidation

Recoveries - Ag: 55-80% / Au: 61-75%

Column leach test work to confirm heap leach potential underway

PEA Revamp – A Pragmatic Approach

2018 PEA – ‘Bigger is Better’

Low cut-off grade

Cut-off grade of 20 g/t AgEq



Head grade of 46 g/t AgEq

High capex

Mill throughput of 40,000 tpd



Development capex of US\$570 mln



2021 PEA – A Disciplined Approach

Increase cut-off grade

Target direct feed head grade +100 g/t AgEq

Prioritise high-grade zones early in mine life

Manageable development capex

Target initial mill throughput of ~15,000 tpd

Expand mill to ~30,000 tpd once initial capex is paid off

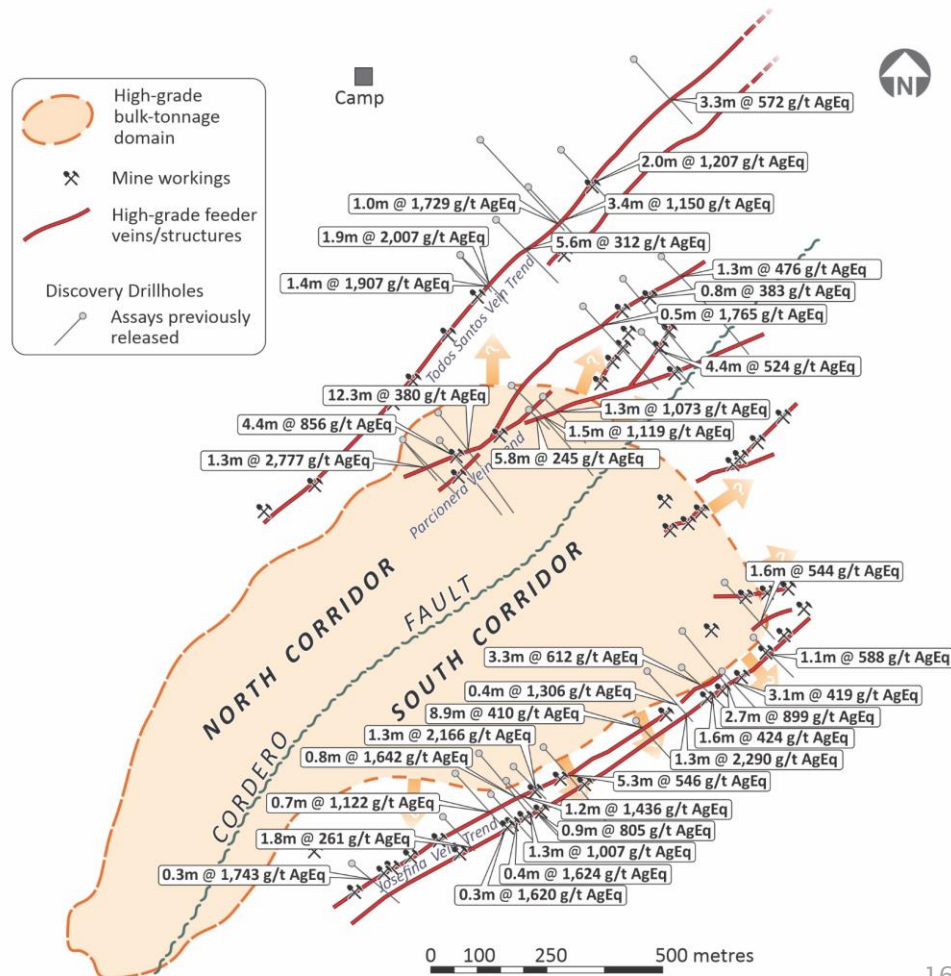
Veins – Further Upside

+5km strike extent of vein trends:

- Based on historic UG workings
- No previous drill targeting of vein potential

High-grade results from initial scout drilling

- Multiple AgEq kilogram-per-tonne intercepts
- Follow up drilling ongoing

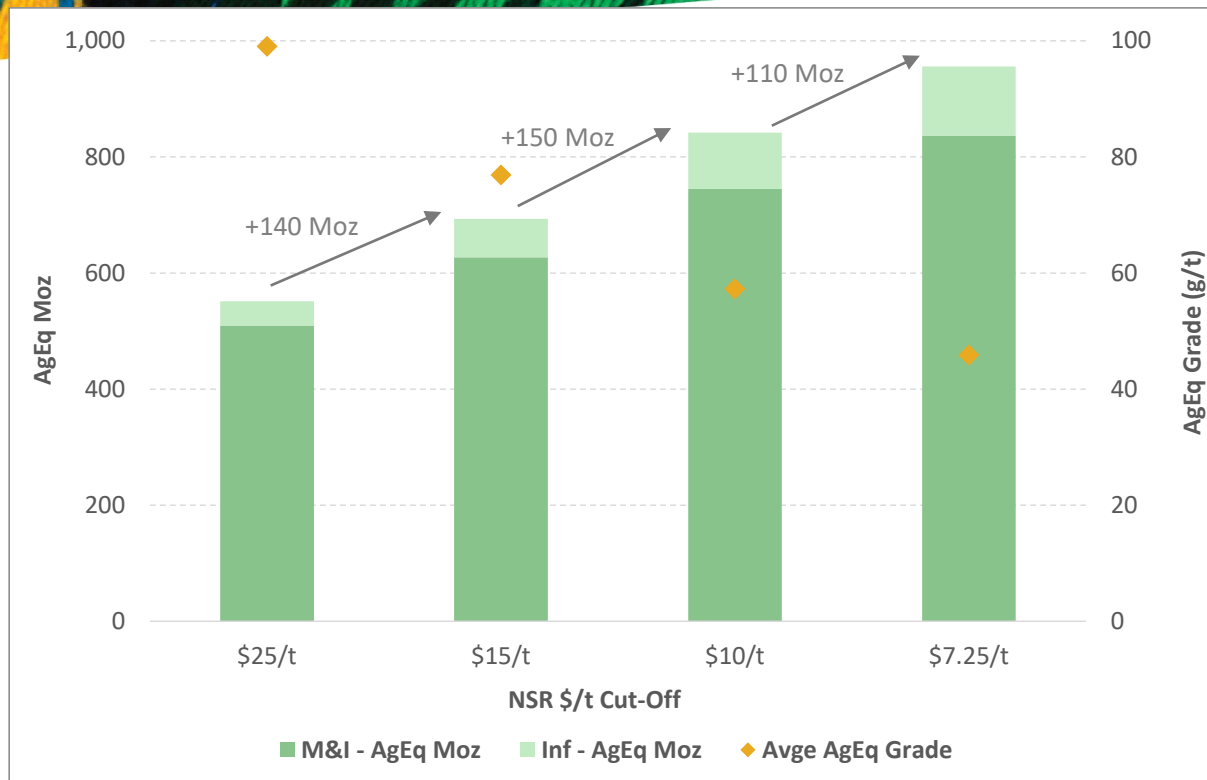


Cordero – Unparalleled Silver Price Torque

Optionality & Scaleability

Lowering NSR cut-off from \$25/t to ...

- \$15/t increases sulphide resource by 140 Moz AgEq
- \$7.25/t increases sulphide resource by 400 Moz AgEq
- Oxide resource increases by 3x to 96Moz AgEq when lowering NSR cut-off from \$15/t to \$4.78/t



See Appendices for full resource estimate details and Cautionary Statement on slide 2 for clarifying statements

Investment Exposure to Big Silver is Hard to Find ...

Top 10 Largest Undeveloped Primary Silver Deposits

Project	Owner	Country	Development Stage	Silver Resource (Moz)
Bolshoi Konimansur	Government of Tajikistan	Tajikistan	Prefeas/Scoping	1,714
La Pitarrilla	SSR Mining	Mexico	Feasibility	552
Cordero	Discovery Silver	Mexico	Prefeas/Scoping	471
Corani	Bear Creek	Peru	Construction Planned	406
Malku Khota	Corporacion Minera de Bolivia	Bolivia	Prefeas/Scoping	370
Sunshine	Silver Opportunity Partners LLC	USA	Prefeas/Scoping	299
Prognoz	Polymetal International plc	Russia	Prefeas/Scoping	242
Silver Sand	New Pacific Metals Corp.	Bolivia	Prefeas/Scoping	191
Montanore	Hecla Mining Company	USA	Prefeas/Scoping	183
Hercules	Bald Eagle Gold Corp.	USA	Reserves Development	164

Source: S&P Capital IQ

(A) Data shown is from the most recent technical reports of the respective assets;

(B) Silver Resources shown are global (the sum of all categories of Resources).

(C) List shown is for active silver projects only



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Appendices



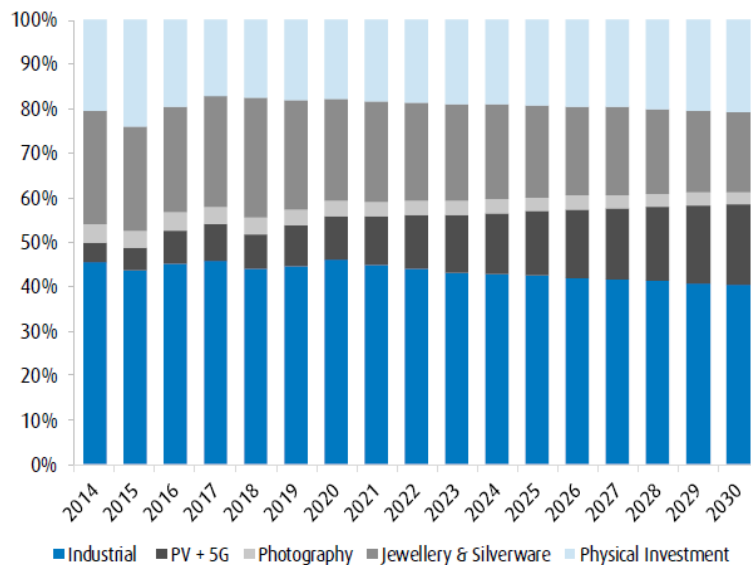
Silver – A Laggard With Torque



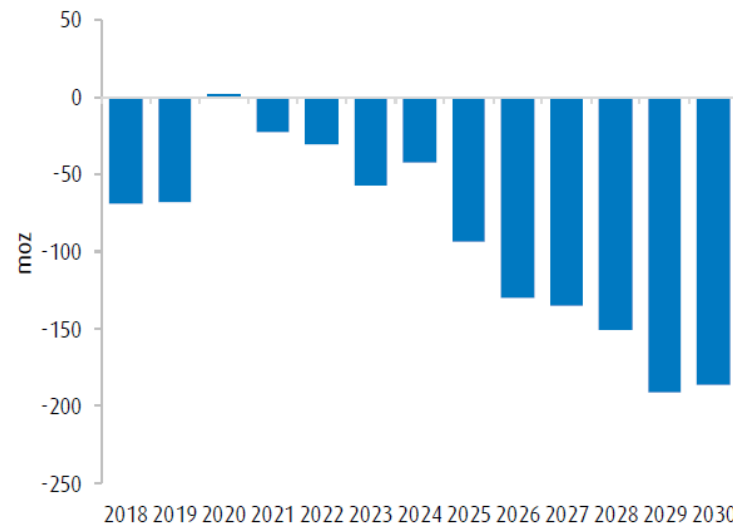
Source – Thomson Reuters, SilverSeek.com

Silver – Supply & Demand

Silver Demand Contribution by End-Use



Silver Supply Deficit Forecast to Grow



Source: Silver Institute, BMO Capital Markets

Management & Board

Management

Taj Singh, M.Eng, P.Eng, CPA President & CEO

18+ years' experience in project development, engineering, operations, corporate development, capital markets, & executive management

Andreas L'Abbé, MA, CPA, MBA CFO & Corporate Secretary

14+ years' experience in financial management & operations with a focus on Latin American operations

Gernot Wober, P.Geo VP Exploration

35+ years' experience in exploration, resource development and production geology

Forbes Gemmell, CFA VP Corporate Development & IR

15+ years' experience in capital markets, exploration, project development and operations

Roman Solis, Eng (Geoscience) Country Manager

18+ years' experience in Mexico in exploration and mining geology

Board

Murray John, MBA Chairman

35+ years' experience in engineering, resource investment & executive management

Currently – Director of O3 Mining, Osisko Gold Royalties, Prime Mining

Mark O'Dea, PhD, P.Geo Director & Founder

20+ years' experience in exploration, project generation, development, operations, & executive management

Currently – Chair of Oxygen Capital, Liberty Gold & Director of Pure Gold, Northwest Copper

Jeff Parr, CPA, MBA Director

30+ years' experience in financial & executive management. Previously CFO Centerra Gold

Currently – Chair of Kirkland Lake Gold

Daniel Vickerman Director

20+ years of experience in the financial industry. Formerly, Managing Partner, UK, of Edgecrest Capital UK and a Managing Director at Canaccord Genuity Corp.

Taj Singh, M.Eng, P.Eng, CPA President, CEO & Director

Jesus Hernandez-Garza, Eng (Env.) Director

25 years' experience in exploration, development and mining in Coahuila State. Original property vendor of Coahuila projects and lead member of local ejido.

Moir Smith, PhD, P.Geo Director

30+ years experience in exploration geology, including Frontier Gold and Teck Resources.

Currently – VP Exploration & Geoscience, Liberty Gold

Vic Chevillon, MSc., CPG Director

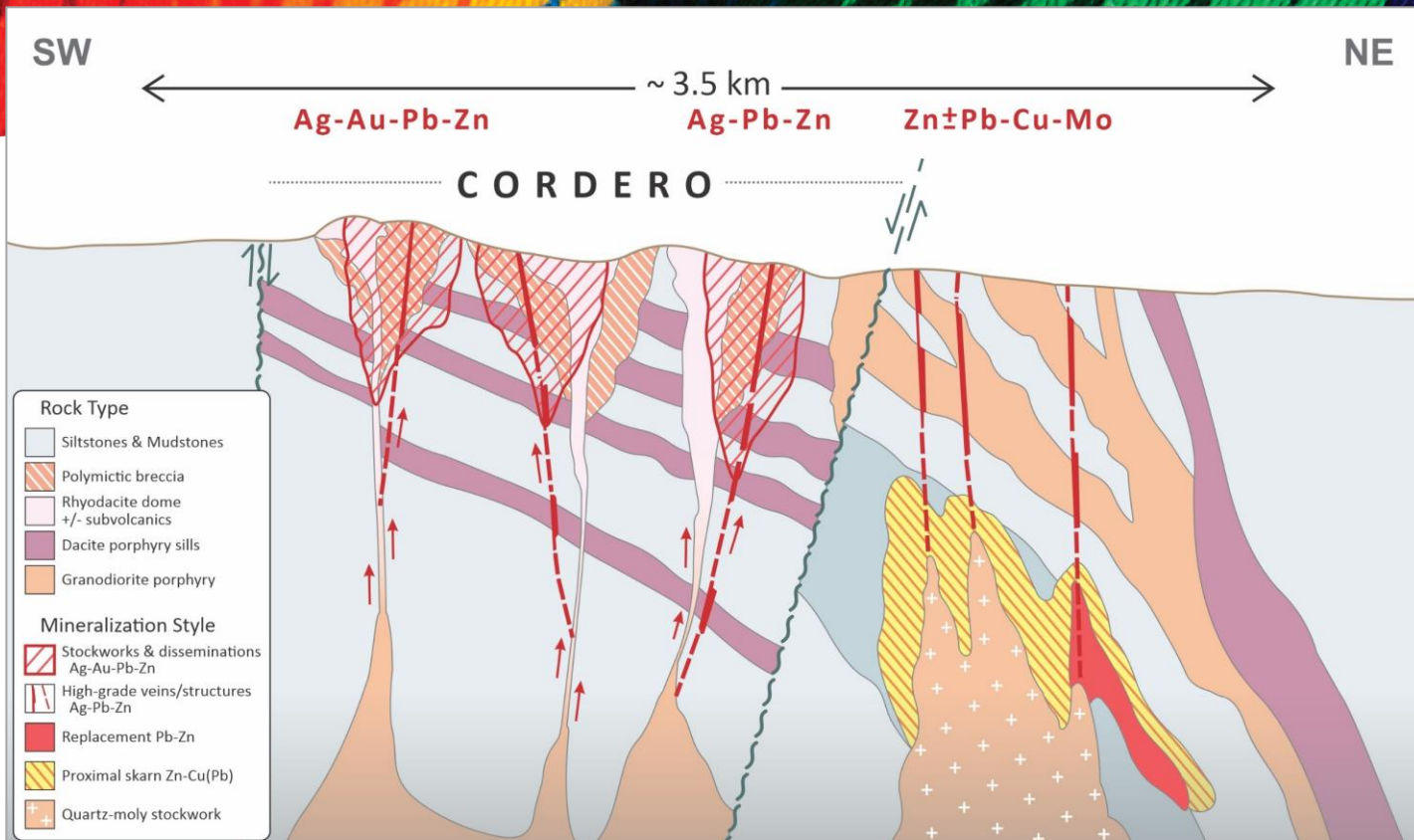
35+ years experience in exploration working with major mining companies including Noranda, Homestake, Placer Dome and Barrick Gold.

Jennifer Wagner, LL.B. Director

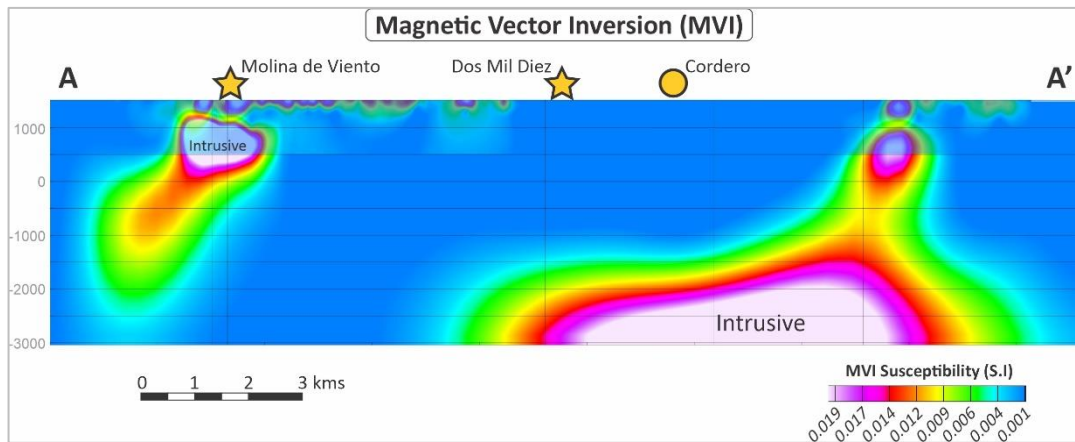
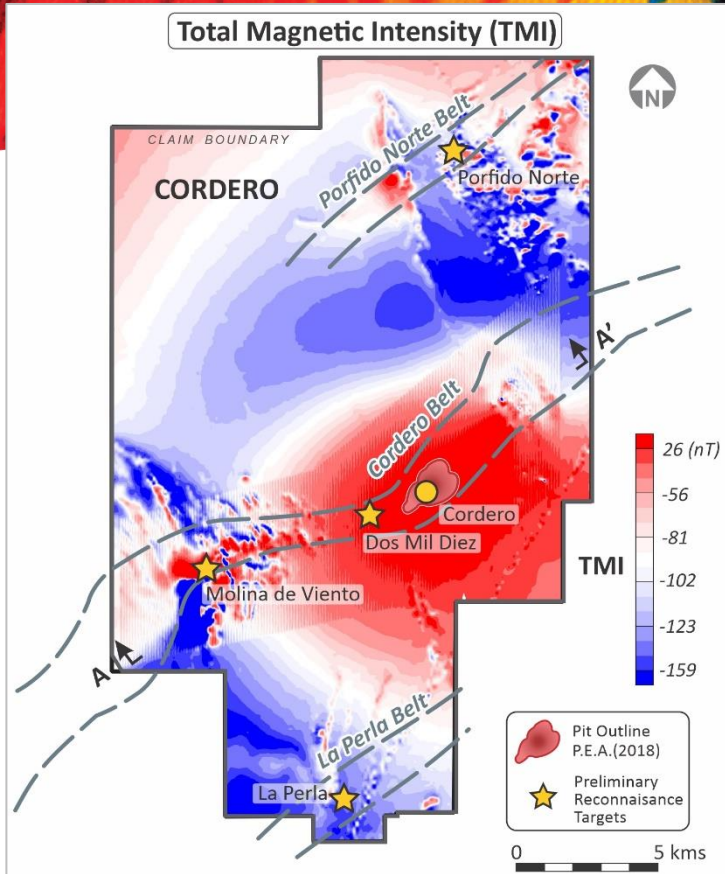
15+ years of experience in governance, legal & compliance in the mining sector.

Currently – EVP Corporate Affairs & Sustainability at Kirkland Lake Gold

Cordero – Conceptual Geological Model



Geophysics – Interpreted Intrusives at Depth



2021 Resource Estimate

Classification	Tonnes	Grade					Contained Metal				
		Ag	Au	Pb	Zn	AgEq	Ag	Au	Pb	Zn	AgEq
	<i>Mt</i>	<i>g/t</i>	<i>g/t</i>	<i>%</i>	<i>%</i>	<i>g/t</i>	<i>Moz</i>	<i>koz</i>	<i>Mlb</i>	<i>Mlb</i>	<i>oz</i>
SULPHIDE RESOURCE											
Measured	128	22	0.08	0.31	0.52	52	89	328	881	1,470	212
Indicated	413	19	0.05	0.28	0.51	47	255	707	2,543	4,663	625
M&I	541	20	0.06	0.29	0.51	48	344	1,035	3,424	6,132	837
Inferred	108	14	0.03	0.19	0.38	34	49	99	451	909	119
OXIDE/TRANSITION RESOURCE											
Measured	23	20	0.06	-	-	25	15	43	-	-	19
Indicated	75	19	0.05	-	-	23	45	125	-	-	56
M&I	98	19	0.05	-	-	23	60	168	-	-	74
Inferred	35	16	0.04	-	-	20	18	44	-	-	22

Net Smelter Return (NSR cut-off)

- NSR – Net revenue less treatment costs & refining charges
- Sulphide resource cut-off: \$7.25/t
- Oxide resource cut-off: \$4.78/t

Pit constraint assumptions

- Ag - \$24.00/oz, Au - \$1,800/oz, Pb - \$1.10/lb, Zn - \$1.20/lb
- Recovery assumptions: based on 2021 met test program
- Mining costs: ~\$1.60/t + \$0.024/t per bench (AGP Mining)
- Processing costs: \$6.30/t for mill/flotation, \$3.92/t for heap leaching (Ausenco)
- G&A costs: \$0.86/t (Ausenco)

Cross Sections

Cross Section C – C'

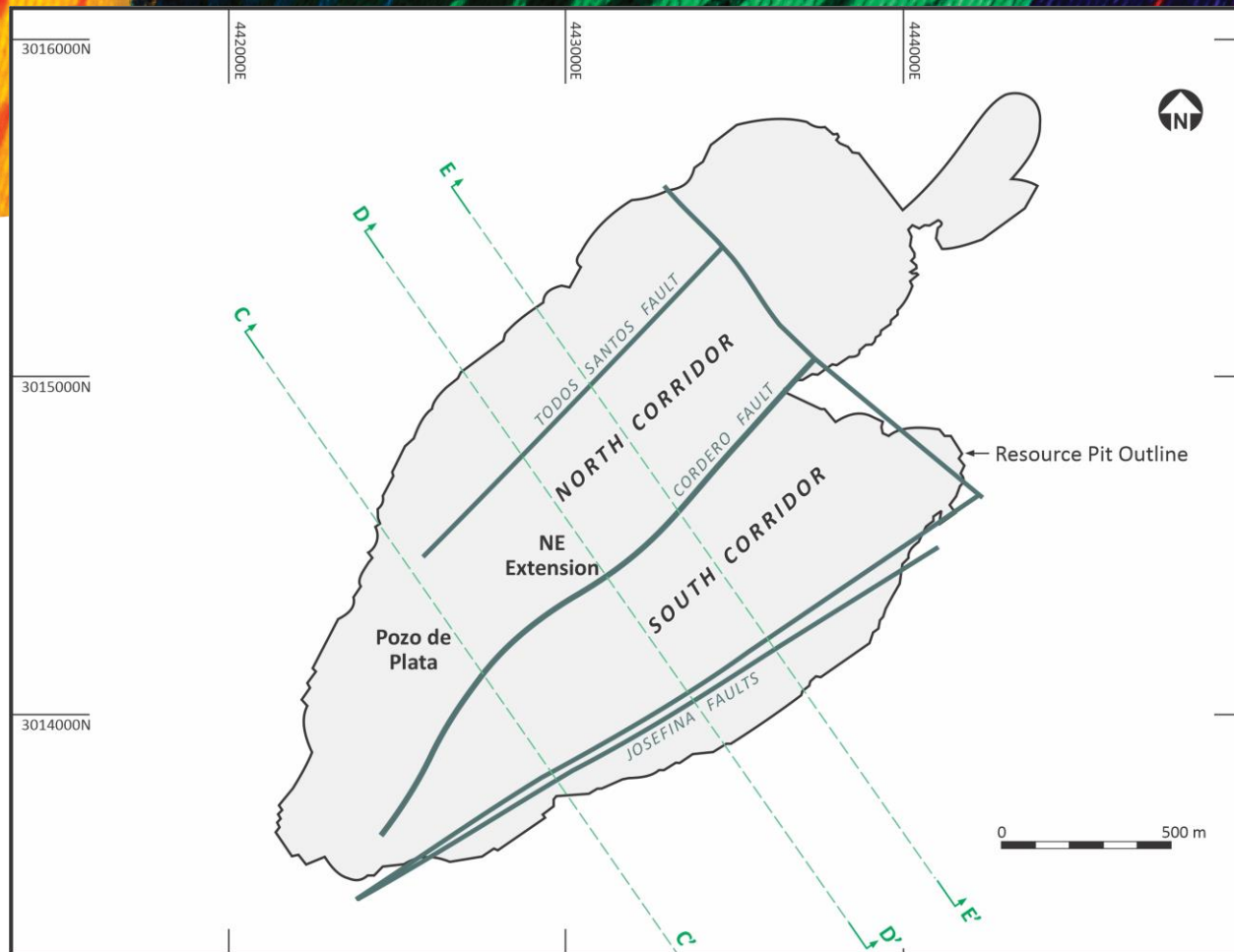
- Pozo de Plata – potential starter pit

Cross Section D – D'

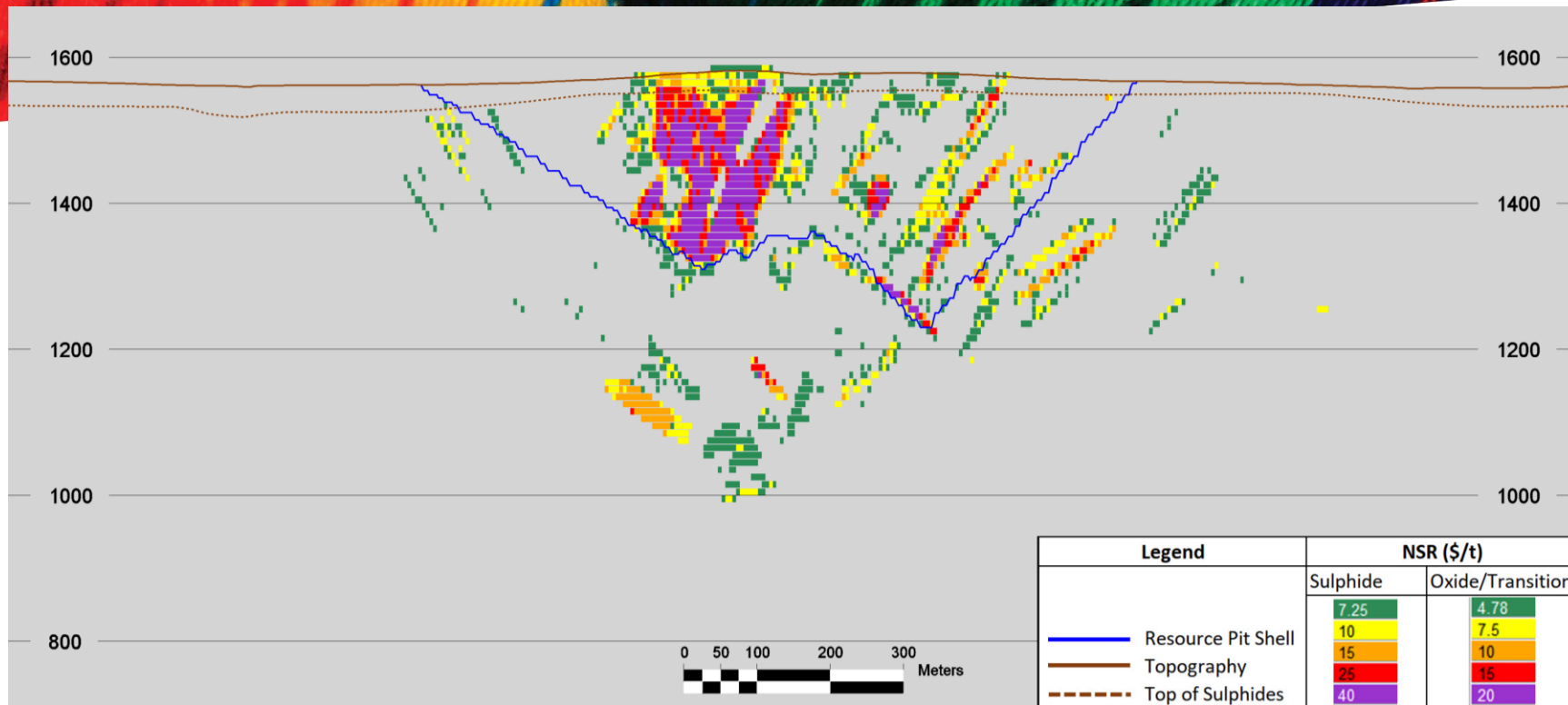
- NE Extension, South Corridor & Josefina

Cross Section E – E'

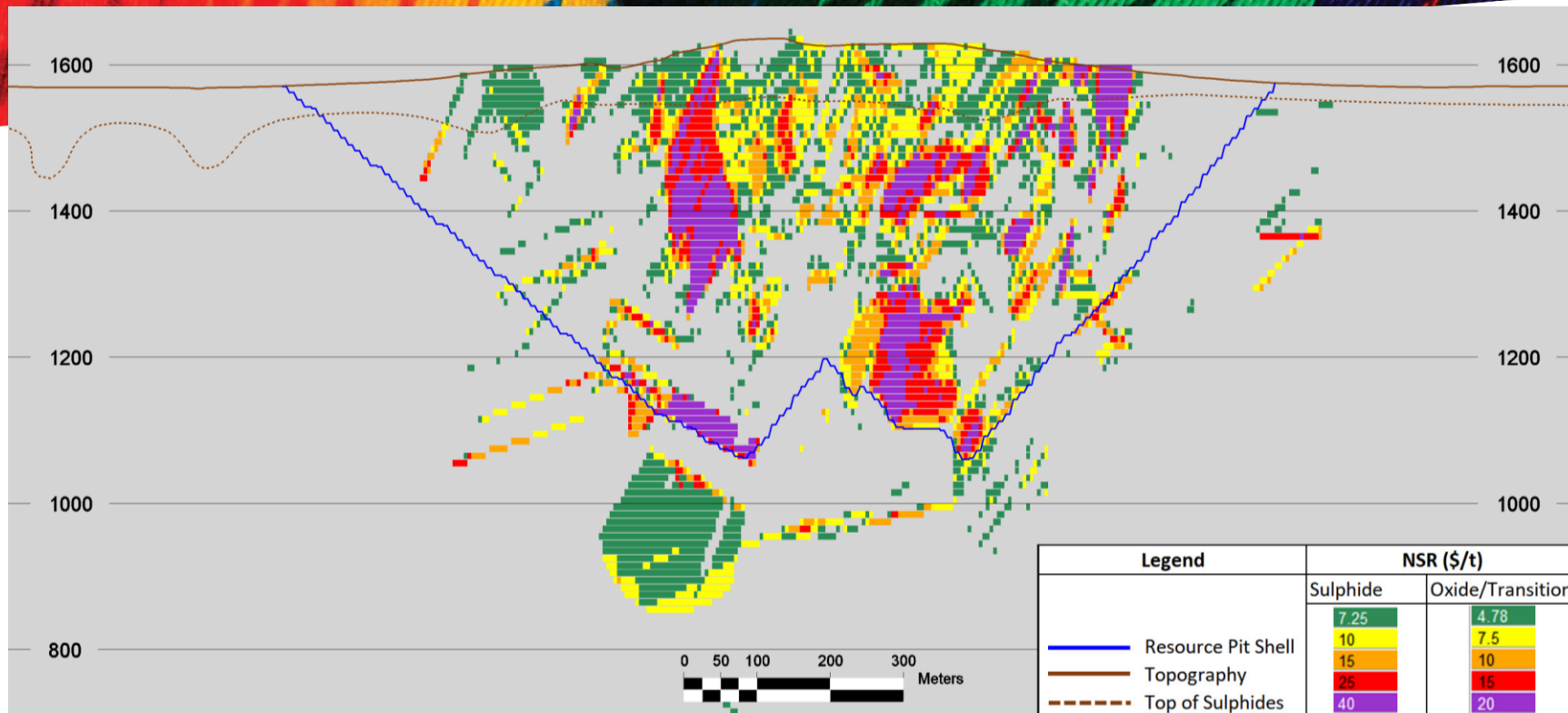
- NE Extension, South Corridor & Josefina



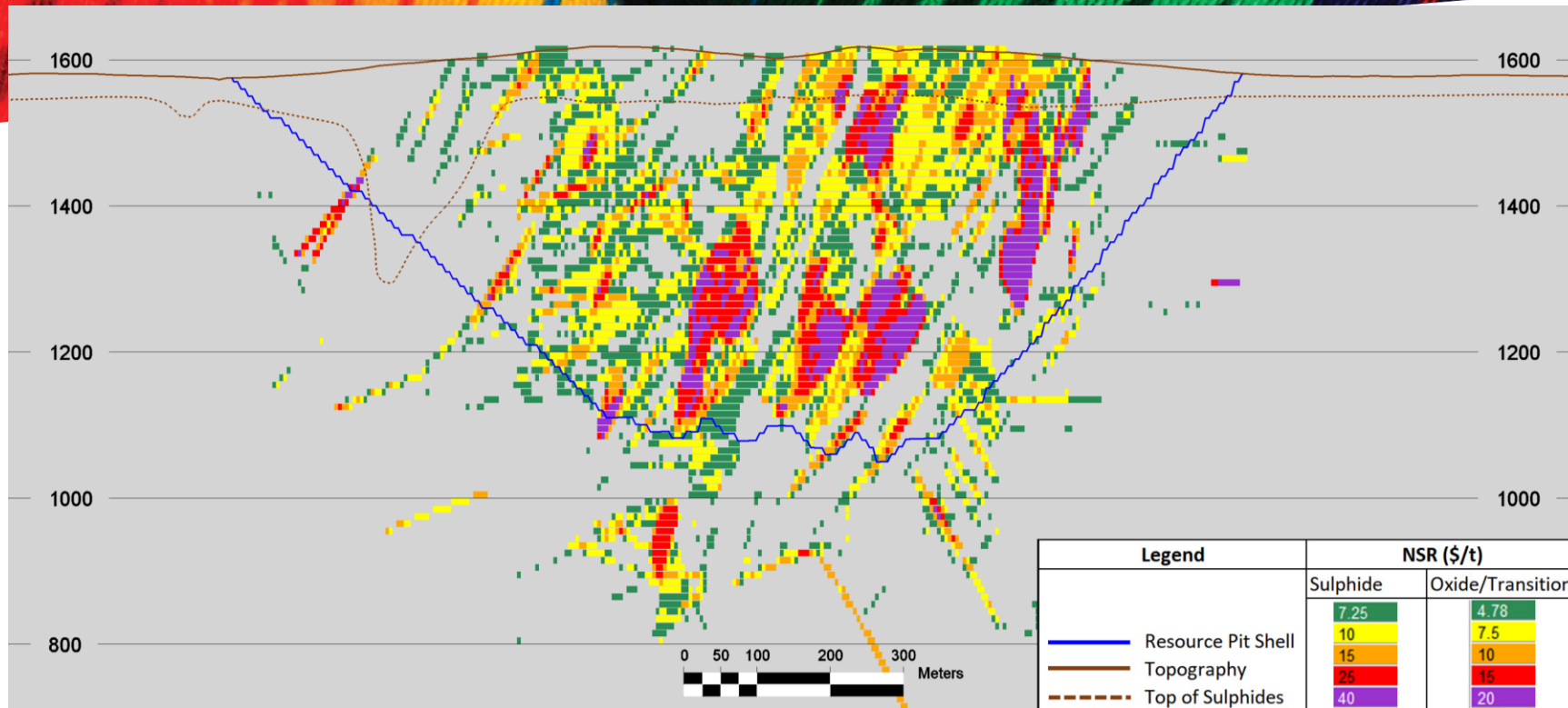
Cross Section C – C'



Cross Section D – D'



Cross Section E – E'



Metallurgy – Sulphide Locked Cycle Tests (2021)

Test	Rock Type	Head Grade					Lead + Zinc Circuit			
							Recovery to Concentrate			
		Ag	Au	Pb	Zn	AgEq	Ag	Au	Pb	Zn
		(g/t)	(g/t)	(%)	(%)	(g/t)	(%)	(%)	(%)	(%)
LCT-1	Breccia - Volcanic	35	0.23	0.55	0.83	108	89	19	91	90
LCT-2	Breccia - Sedimentary	37	0.21	0.46	0.55	93	84	16	89	86
LCT-3	Volcanic	34	0.11	0.43	0.67	86	83	19	85	81
LCT-4	Sedimentary	27	0.12	0.43	0.73	82	80	18	83	89

Test	Lead Circuit						Zinc Circuit					
	Recovery to Conc.			Concentrate Grade			Recovery to Conc.			Concentrate Grade		
	Ag	Au	Pb	Ag	Au	Pb	Ag	Au	Zn	Ag	Au	Zn
	(%)	(%)	(%)	(g/t)	(g/t)	(%)	(%)	(%)	(%)	(g/t)	(g/t)	(%)
LCT-1	79	13	91	2,923	3.1	53.0	11	7	90	237	1.0	46.3
LCT-2	75	12	89	3,774	3.4	55.7	9	4	86	397	0.9	54.6
LCT-3	70	13	85	3,318	1.9	50.1	13	6	81	400	0.7	50.9
LCT-4	70	13	83	2,886	2.3	54.0	10	5	89	213	0.4	51.4

Metallurgy – Oxide/Transition Cyanidation Tests (2021)

Crush / Grind Size	Material	Head Grade		Recoveries	
		Ag	Au	Ag	Au
		(g/t)	(g/t)	(%)	(%)
0.15 mm (150 microns)	Oxide	44	0.07	80	63
0.30 mm (300 microns)	Oxide	44	0.07	77	62
3.4 mm (1/8 in)	Oxide	44	0.07	65	61
6.7 mm (1/4 in)	Oxide	58	0.10	59	71
12.7 mm (1/2 in)	Oxide	44	0.07	54	61
6.7 mm (1/4 in)	Transition	52	0.07	63	75
12.7 mm (1/2 in)	Transition	52	0.07	54	72

Notes: All crush and grind size test work was completed by Blue Coast Research Ltd. at a target NaCN dosage of 1.0 g/L except for the ¾ inch oxide sample which was completed by McClelland at NaCN dosages of 1.0 g/L and 2.0 g/L (the average of these two test results is shown in the table)

Cordero 2021 PEA Team

Area of Responsibility	PEA Qualified Person	Third Party Input/Review
Principal Author	Ausenco	-
Resource Estimate	Red Dot 3D	RockRidge Consulting
Metallurgy	Ausenco	Libertas / Blue Coast
Processing	Ausenco	-
Mining	AGP Mining	-
Geotech/Hydrology	Knight Piésold	-
Environment	Ausenco	CIMA
Social	Ausenco	Vinfidem

Levon 2018 PEA

Commodity Price Assumptions

Ag	\$/oz	\$20.00
Au	\$/oz	\$1,300
Pb	\$/lb	\$1.00
Zn	\$/lb	\$1.30

Mining

Ore Tonnes	Mt	417
Waste Tonnes	Mt	408
Total Tonnes Moved	Mt	825
Strip Ratio	w:o	0.98:1

Mine life	years	29
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Processing

Processing rate	tpd	40,000
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Recoveries

Ag	%	89%
Au	%	40%
Pb	%	84%
Zn	%	72%

AgEq Cut-off Grade g/t 20

Mill Head Grades

Ag	g/t	19
Au	g/t	0.06
Pb	%	0.26
Zn	%	0.43

AgEq Grade g/t 46

Metal Production

Ag	Moz	231
Au	koz	346
Pb	Mlb	1,992
Zn	Mlb	2,863

AgEq Moz 539

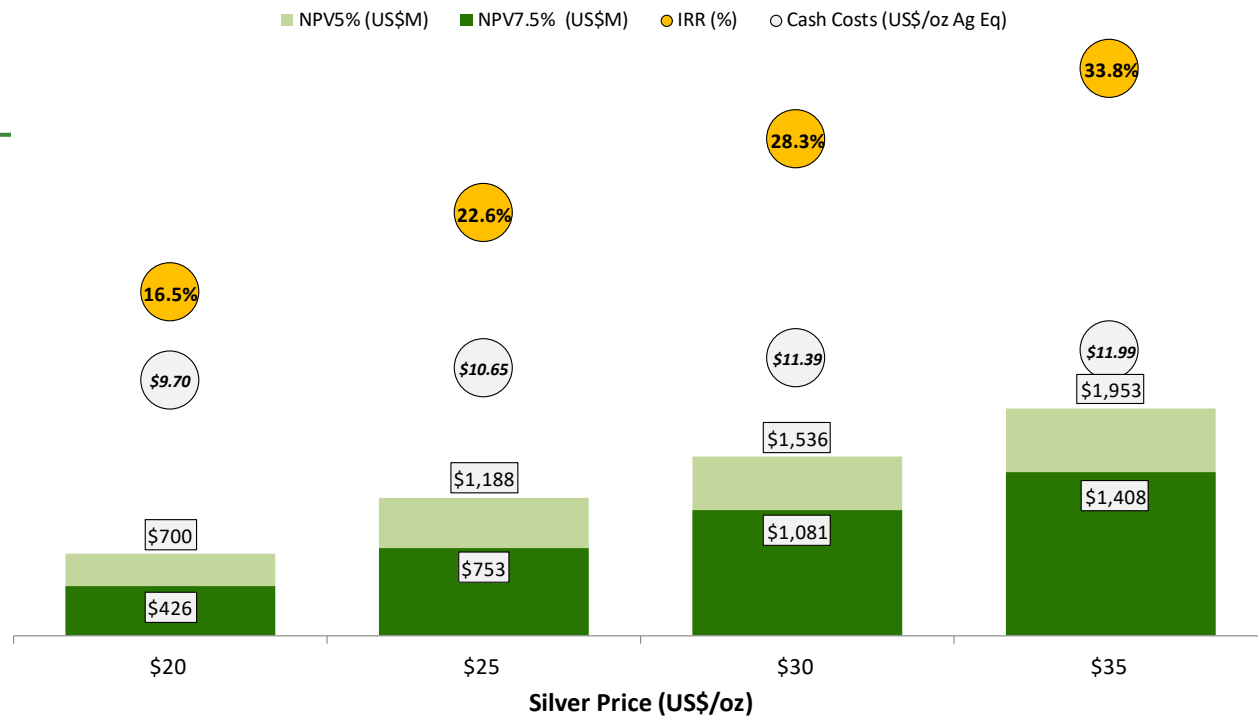
Financials

Initial Capex	US\$M	570
Sustaining Capex	US\$M	270
NPV 5%	US\$M	700
IRR	%	17%
Payback	years	4.8

Cordero: Leverage to Rising Silver Prices

Levon 2018 PEA After-tax Economics: Sensitivities to silver prices

Note: All other metal prices held constant (Zn: \$1.30/lb, Pb: \$1.00/lb, Au: \$1,262/oz)



Todos Santos Vein Trend

+1.5km strike extent of Todos Santos Vein Trend:

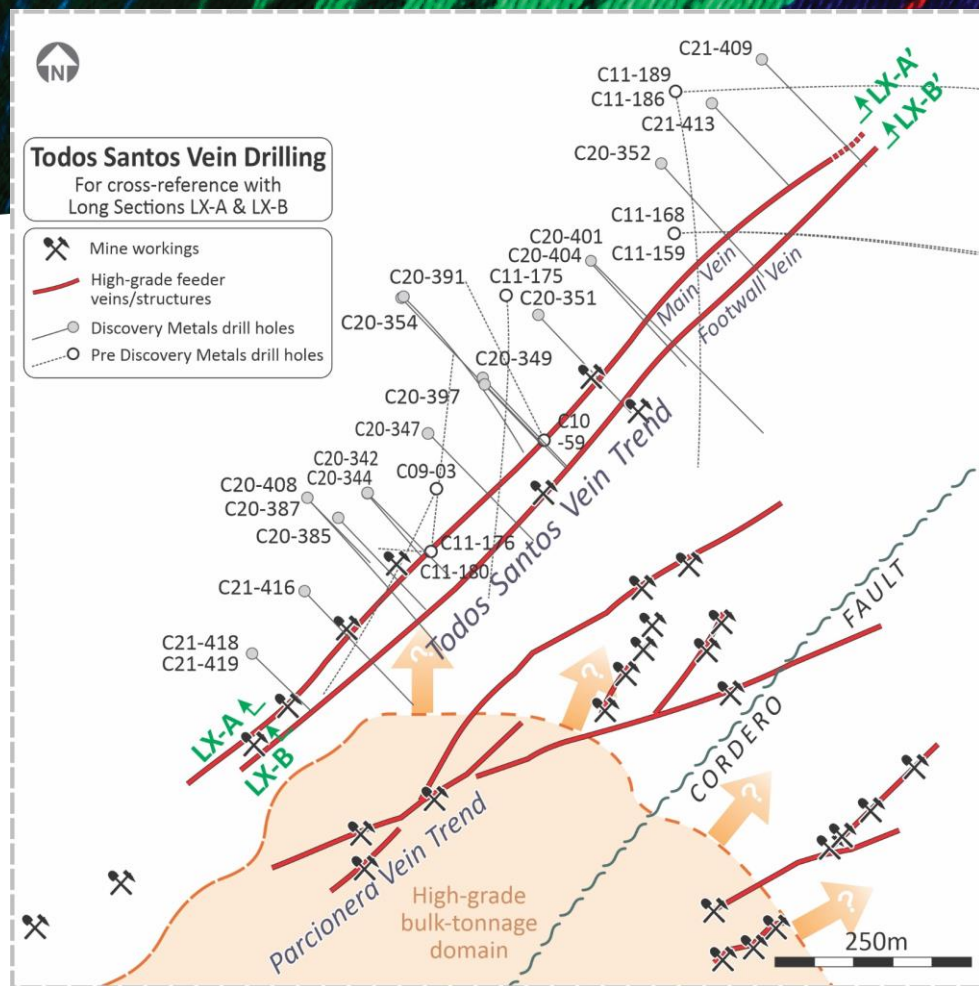
- Based on historic UG workings & drilling

Todos Santos Main Vein:

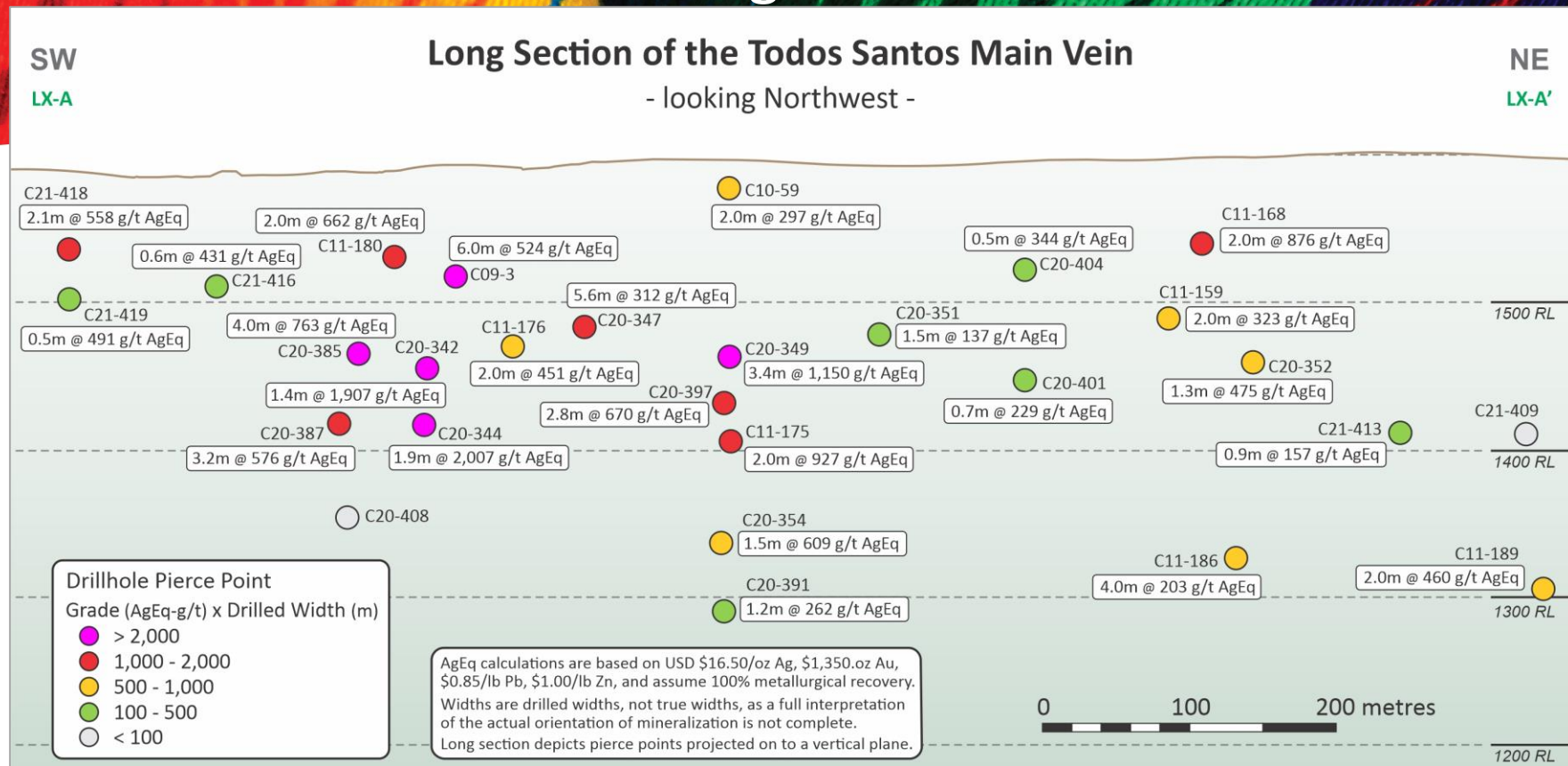
- Drill-confirmed strike extent of 800m
- Drill-confirmed down-dip extent of 400m
- Open in all directions

Todos Santos Footwall Vein:

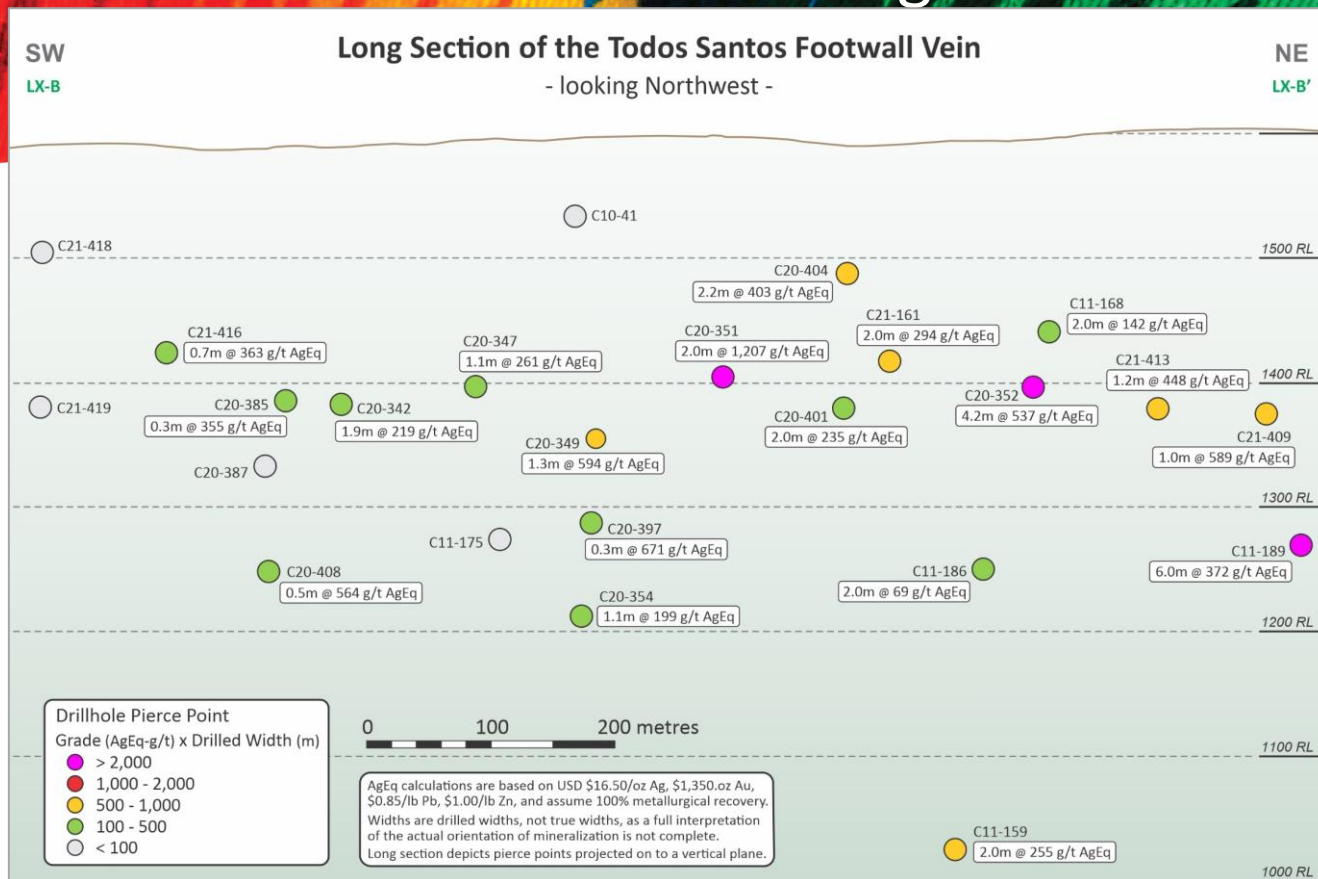
- Drill-confirmed strike extent of 600m
- Drill-confirmed down-dip extent of 400m
- Open to the northeast and at depth



Todos Santos Main Vein Long Section



Todos Santos Footwall Vein Long Section



Josefina Vein Trend

+1.5km strike extent of Josefina Vein Trend:

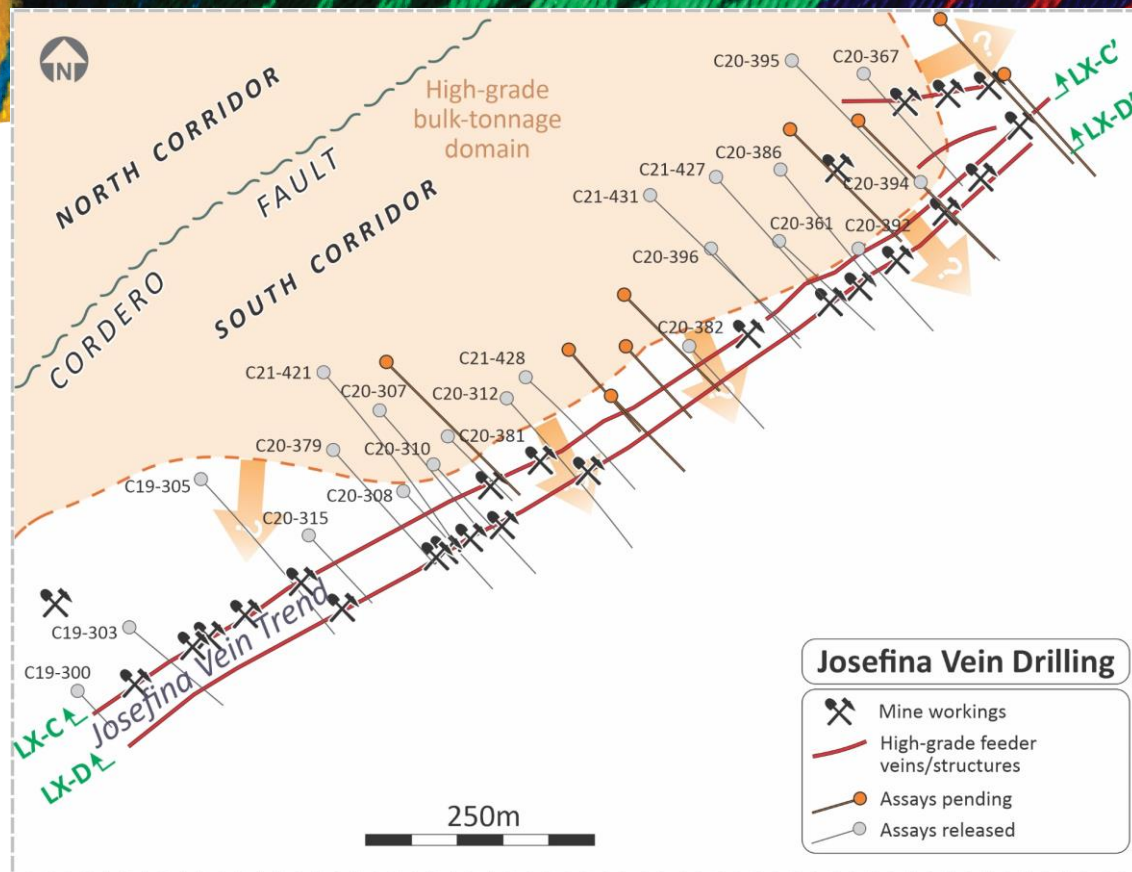
- Based on historic UG workings & drilling

Josefina Hangingwall Vein:

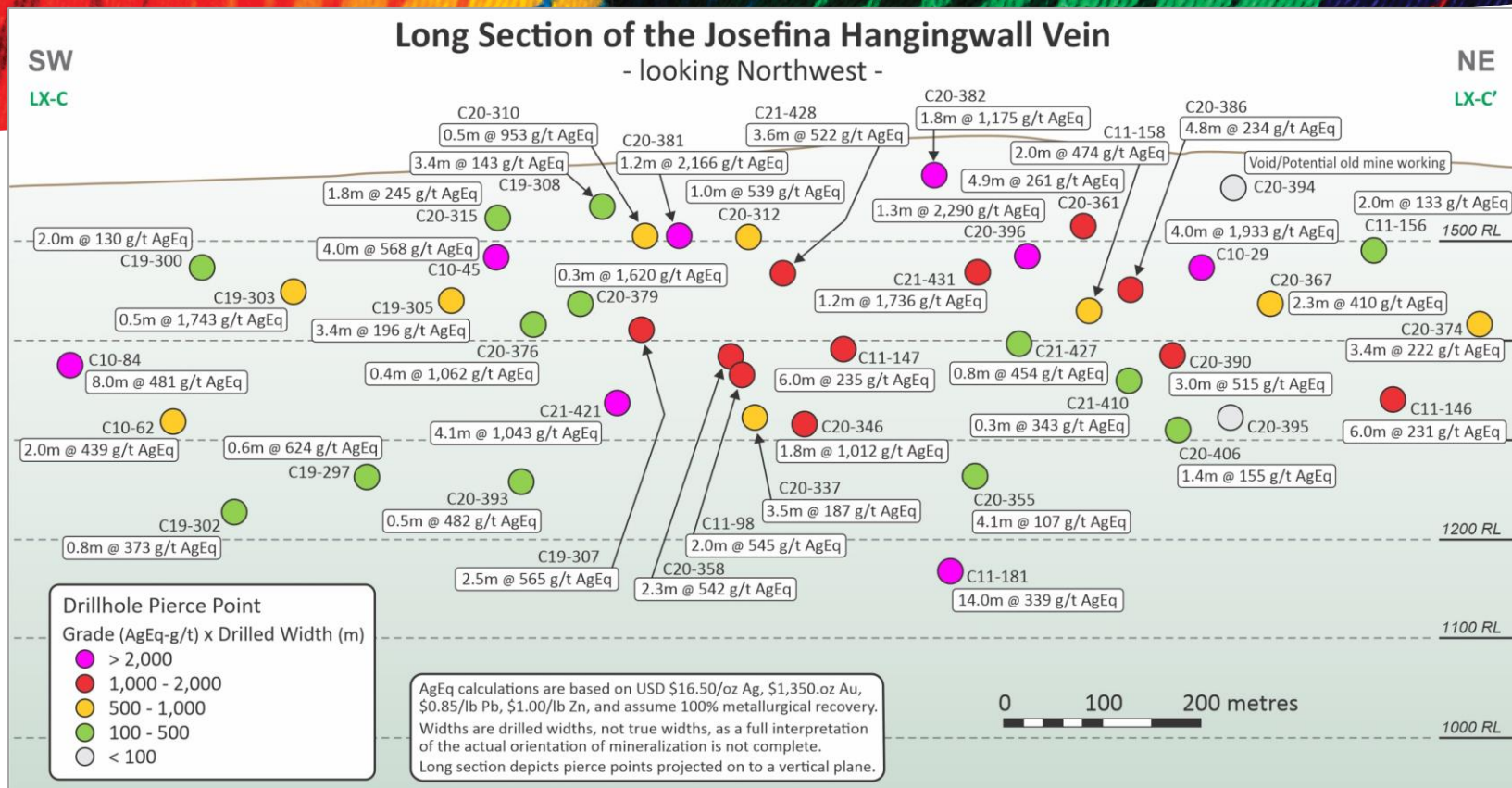
- Drill-confirmed strike extent of 1.5km
- Drill-confirmed down-dip extent of 450m
- Open in all directions

Josefina Footwall Vein:

- Drill-confirmed strike extent of 1.5km
- Drill-confirmed down-dip extent of 500m
- Open in all directions



Josefina Hangingwall Vein Long Section



Josefina Footwall Vein Long Section

