



### **Revised Presentation**

#### 17 September 2024

**Andean Silver Limited** (ASX:ASL) ("Andean" or the "Company") released an announcement to ASX on 10 September 2024 titled "Resource soars to 91Moz AgEq – Beaver Creek Presentation". Following discussions with the ASX, the Company has amended and released the presentation, which now includes additional disclosures related to the world class silver projects on slide 25 and in Appendix D (slides 38-40).

This announcement has been approved for release by the Chief Executive Officer.

For further information:

Tim Laneyrie Chief Executive Officer Andean Silver Ltd admin@andeansilver.com Media: Paul Armstrong Read Corporate +61 8 9388 1474

#### **ANDEANSILVER**.COM

- 🕓 (+61) 8 6243 6542
- 😵 Level 2, 8 Richardson Street, West Perth, WA 6005
- 🔜 admin@ANDEANSILVER.com



Cerro Bayo Silver Project in Chile SCALE – GRADE – INFRASTRUCTURE

September 2024

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#### JORC CODE

It is a requirement of the ASX Listing Rules that the reporting of ore reserves and mineral resources in Australia comply with the Joint Ore Reserves Committee's Australasian Code for Reporting of Mineral Resources and Ore Reserves (**JORC Code**). Investors outside Australia should note that while ore reserve and mineral resource estimates of the Company in this document comply with the JORC Code (such JORC Code-compliant ore reserves and mineral resources being "Ore Reserves" and "Mineral Resources" respectively), they may not comply with the relevant guidelines in other countries and, in particular, may not comply with (i) National Instrument 43-101 (Standards of Disclosure for Mineral Projects) of the Canadian Securities Administrators (the "Canadian NI 43-101 Standards"); or (ii) Item 1300 of Regulation S-K, which governs disclosures of mineral reserves in registration statements filed with the SEC. Information contained in this document describing mineral deposits may not be comparable to similar information made public by companies subject to the reporting and disclosure requirements of Canadian or US securities laws.

#### COMPLIANCE STATEMENTS

This Presentation contains references to Mineral Resource Estimates extracted from the Company's ASX announcement dated 16 September 2024, titled "Clarification - Resource soars more than 80% to 91Moz AgEq" (refer Appendix C). References in this Presentation to Exploration Results and the previous mineral resource estimate have been extracted from the Company's ASX announcements dated 1 December 2023, 12 March 2024, 26 March 2024, 3 April 2024, 30 May 2024, 18 July 2024, 5 August 2024, and 16 September 2024. Andean confirms that it is not aware of any new information or data that materially affects the information included in the original announcements and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the original market announcements.

Metal equivalents calculated at a silver price of US\$23/oz and gold price of US\$1,900/oz. Individual grades for the metals are set out at Appendix C. Silver equivalent was calculated based on the formula  $AgEq(g/t) = Ag(g/t) + (83 \times Au(g/t))$  and gold equivalent was calculated based on the formula AuEq(g/t) = Au(g/t) + (Ag(g/t) / 83). Metallurgical recoveries for gold and silver are closely linked and are typically 90-93% for gold and silver. The Company considers the estimation of metallurgical recoveries in respect of exploration work to be reasonable based on the past processing records from the nearby Cerro Bayo plant between 1995 and 2016, and work undertaken in preparing the mineral resource estimate. It is the Company's view that all elements in the silver and gold equivalents calculations have a reasonable potential to be recovered and sold.

#### INVESTMENT RISK

There are a number of risks specific to the Company and of a general nature which may affect the future operating and financial performance of the Company and the value of an investment in the Company, including and not limited to the Company's capital requirements, the potential for shareholders to be diluted, risks associated with the reporting of resources estimates, budget risks, risks associated with the COVID-19 pandemic and operational risk. An investment in Shares is subject to known and unknown risks, some of which are beyond the control of the Company. The Company does not guarantee any particular rate of return or the performance of the Company.

#### **FINANCIAL DATA**

All dollar values are in Australian dollars (A\$ or AUD) unless otherwise stated. The information contained in this Presentation may not necessarily be in statutory format. Amounts, totals and change percentages are calculated on whole numbers and not the rounded amounts presented.



# **ANDEAN** S I L V E R

# <u>Key Takeaways</u>

- Scale 91Moz AqEq and growing
- Science Impressive 342g/t AgEq
- Infrastructure in place ready to go
- Newsflow rich Resource updates + exploration results
- **Right Commodity** Silver and Gold
- Proven Team think of BGL, FFM, NST, SAR, KDR, RMS & MCR
- Strategic Large land holding within Silver belt
- **Chilean Support** local employment & govt support



# **Board and Management**

### **Proven Leadership Team in the Resource Sector**

### ANDEAN SILVER



#### Ray Shorrocks Non-Executive Chair

Previous Chair of Bellevue Gold, immediate past Non-Executive Chair of FireFly Metals with over 30 years' experience working in the Resources investment banking industry, highly conversant and experienced in all areas of

Significant track record of transactions in the metals and mining sectors.

mergers and acquisitions and equity capital markets.



#### Tim Laneyrie

Chief Executive Officer

Previously holding senior positions with Northern Star Resources, Saracen Minerals & Resolute Mining. Tim is an experienced geologist with 19 years' industry experience in Australia and Africa spanning exploration, resource development, mining and business development.



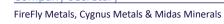
Patrick Gowans
Independent Non-Executive Director
Partner of Quinert Rodda and Associates



Carl Travaglini Independent Non-Executive Director Cygnus Metals, Bellavista Resources & Midas Minerals



Maddison Cramer Company Secretary





Sue Field Chief Financial Officer Alicanto Minerals & Riedel Resources



#### David Southam Non-Executive E

#### Non-Executive Director & Consultant

Mr Southam is a CPA with over 30 years' experience in accounting, operations, capital markets & finance across the resources & industrial sectors. He was previously Managing Director of Mincor Resources NL & was Executive Director of ASX200 nickel company Western Areas & has held senior executive roles within Brambles Group, ANZ Investment Bank. He is currently Executive Chairman of Cygnus Metals (ASX: CY5) & Non-Executive Director of Ramelius Resources (ASX: RMS).



#### Steve Parsons Corporate Consultant

Steve is an experienced geologist with a proven track record of mineral discoveries, corporate growth, international investor relations and creating shareholder wealth. He is the founder and previous Managing Director of Bellevue Gold (ASX: BGL) where he led the Company from discovery to a three million gold ounce ASX-200 company (currently Non-Executive Director). Steve is also the Managing Director of ASX-listed FireFly Metals (ASX:FFM).



#### Michael Naylor Corporate Consultant

Mr Naylor has 26 years' experience in corporate advisory and public company management since commencing his career with EY and qualifying as a Chartered Accountant. Mr Naylor was previously an Executive Director and co-founder of Bellevue Gold (ASX: BGL) (currently Non-Executive Director) and is currently the Executive Director of Firefly Metals (ASX: FFM).



#### **Damien Koerber** COO – Americas and GM Exploration

Brings over 30 years of experience in technical and management roles in exploration across Australia & Latin America for Newcrest, Billiton, MIM, Mirasol Resources. He was an integral team member in several significant precious metal discoveries in both continents including Sunrise Dam (Anglo Ashanti) and Tanami (Newmont).

# **Investment Highlights**

### 

ASL



### Rapid Low-Cost Growth through the Drill Bit

- > 2 Drill rigs on the ground, planning to increase
- Targeting growth, conversion and greenfields
- Over 400km<sup>2</sup> of mining and exploration tenure
- > >100Moz AgEq produced historically
- Multiple mineralization styles; Primary Ag-Au, VHMS, Ag-Au-Zn-Pb
- Known mineralized system that extends over 25km of strike
- Assembling district scale exploration targets;
  - > Droughtmaster corridor
  - > Sinter Hill
  - > Eastern Block
  - > Cerro Diablo
  - Los Domos



Shallow High-Grade Silver-Gold with Multiple Mining Fronts

Total indicated and inferred resource<sup>1</sup> 91Moz AgEq including:

- >> LVMC resource 6.2Mt
- @ 328g/t AgEq for 65.5Moz AgEq
- CBMC resource 2.0Mt @ 387g/t AgEq for 25.2Moz AgEq
- Underground resource of 5.3Mt @ 436g/t AgEq for 75Moz AgEq

Simple and very shallow continuous high-grade mineralization

Numerous UG stopes and surface pits ready to mine

Excellent historical metallurgical recoveries for gold and silver with high-quality concentrate



### A\$150M of Infrastructure and Investment in Place

- > 500ktpa crush and float plant
- > Permitted TSF
- > Environmental approvals in place
- > Over 800l/s water rights
- > 14MW of installed power
- Onsite Assay lab
- Skilled local workforce in town of Chile Chico 10km by road
- 6 independent underground mines, >30km of development with connected power, water and air
- >A\$6m in critical spares and equipment

# **Strong Share Register and Funded**



CURRENT	A\$0.945
115.4M	
37.8M	Current Share Price
	NO DEBT
30.0%	
30.5%	
5.1%	
	115.4M 37.8M 30.0% 30.5%

### COVERAGE



For





A\$109M

A\$10.5M

Cash Position<sup>3</sup>

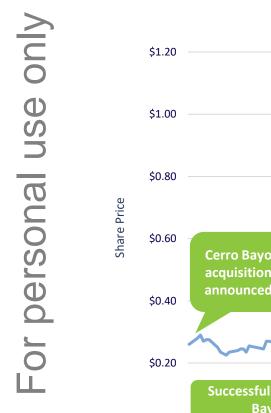
Market Capitalisation<sup>1</sup>



## **The Rapid Transformation of Andean Silver**

**Continued catalyst rich growth to unlock value for shareholders and stakeholders** 









# **Silver – Powering The Future**

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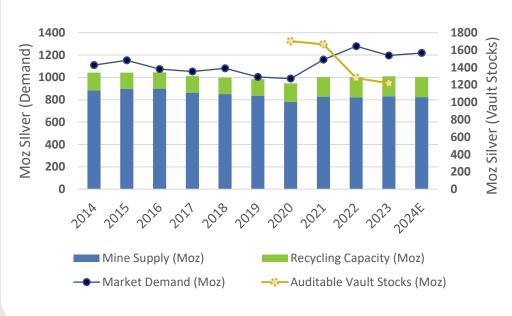
Photovoltaics (~20g of Silver per KW)



Future Technology Value (5G Networks, Hydrogen Storage, Lithium Extraction)



Water Purification (Silver Dust Used to Purify Water)





#### Electrical Applications (19% of Silver use in Electrical Circuits)



Medical and Sanitarys (Biomedical, Dentistry, Anti-Bacterial Uses, Medical Imagery)



Vault Stocks Decreasing to Meet Increasing Demand

Finite Supply 2021 to 2023 Cumulative Deficit of ~440 Moz

LME -28% (~841 Moz remain) CME -16% (~299 Moz remain) SGE -7% (~69 Moz remain)

SHFE -9% (~69 Moz remain) At Current Consumption Demand Ratio ~8yrs of Vault Stocks Remain



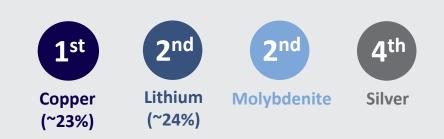
## **Chile – A World Class Endowment Deseado Massif World-Class Province**

# ANDEAN



CERRO BAYO 🎾

### **Globally Significant Metals Producer**



### **Investment by Major Companies**

SQM – Lithium | Codelco – Copper | Antofagasta – Copper Glencore – Copper & Molybdenite | Anglo American – Copper Lundin Mining – Copper | Pan American – Silver & Gold | Kinross – Silver & Gold

### **Renewable Energy Leader<sup>1</sup>**

>> 2030 goal to supply 70% of total Chile energy consumption as renewables with 50% of Mining industry powered by renewables

>> 2050 Goal to be 100% carbon neutral

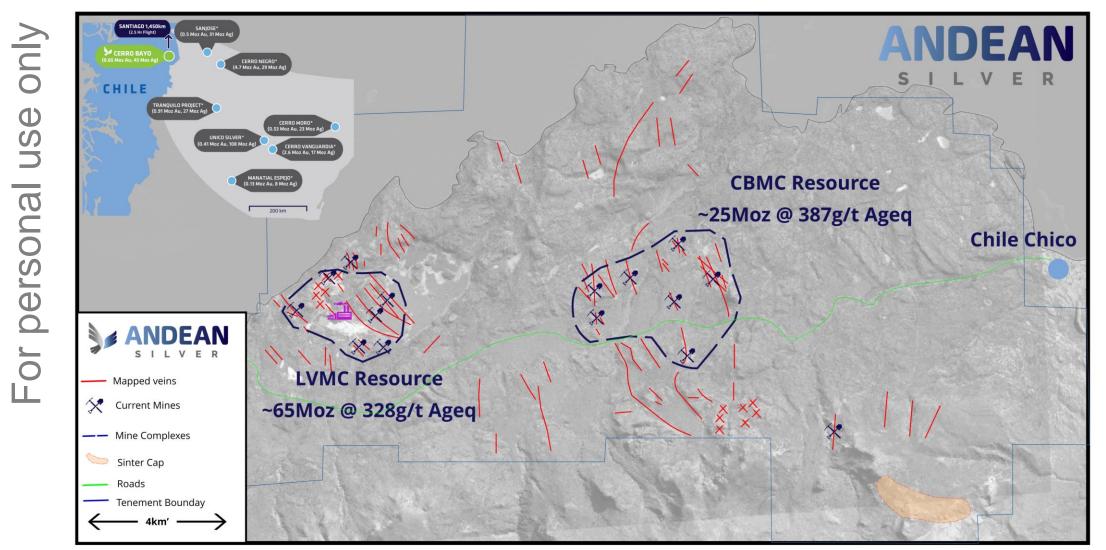
>> Energy transition has bi-partisan political and near universal support

>> Chile energy strategy could serve as playbook for Latin American countries

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# **Cerro Bayo Project Overview**

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Average RL of mines is 400m above sea level to 800m at Sinter cap level

# **INFRASTRUCTURE OVERVIEW**





Crusher

Offices

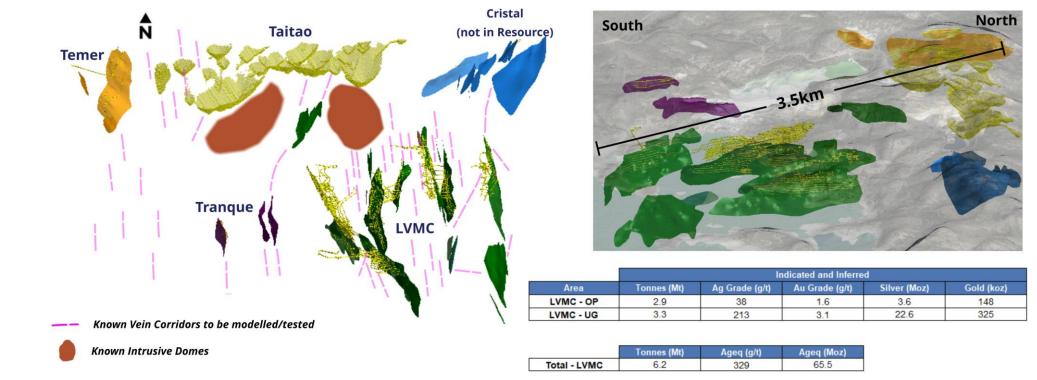
Mill

Assay lab

Stores/HV workshop

## Laguna Verde Mine Complex - Overview

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Significant infrastructure to leverage a low cost restart of operations when required (Water, Power, TSF, WRD, Processing, etc)

All resources within ~2km of processing facility

Underground infrastructure through the LVMC and Temer areas to leverage to reduce CAPEX

Untested known surface veins, further resource growth through drilling, continued resource growth through remodelling

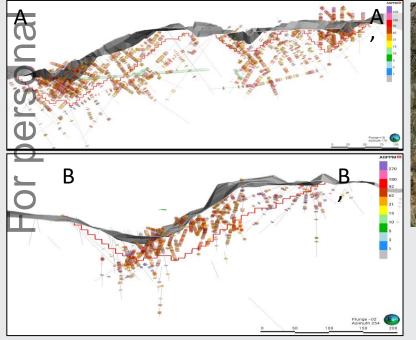
Open pit optimisation work ongoing



# High Grade Base Feed - Taitao

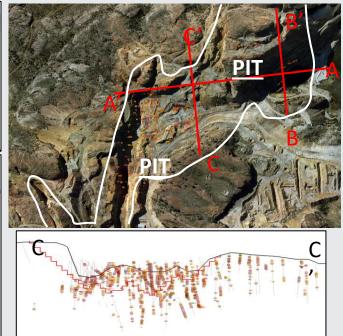


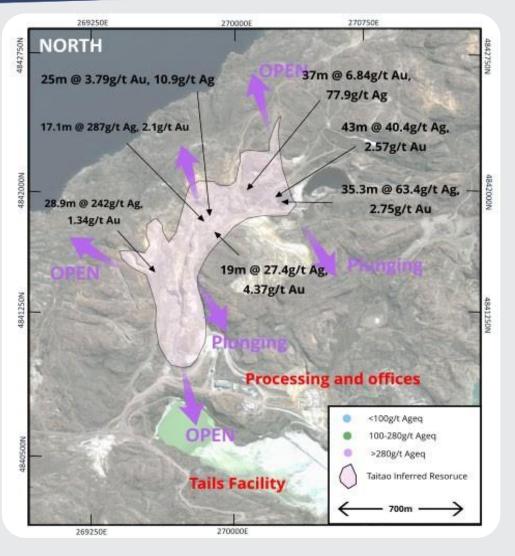
JORC Inferred Resource of 3.8Mt @ 206g/t AgEq for 24.7Moz AgEq
Open pit broad breccia target zone with high grade underground feeder veins
Proximal to the processing facility, shallow, continuous
Form the core of the base load for future restart plan



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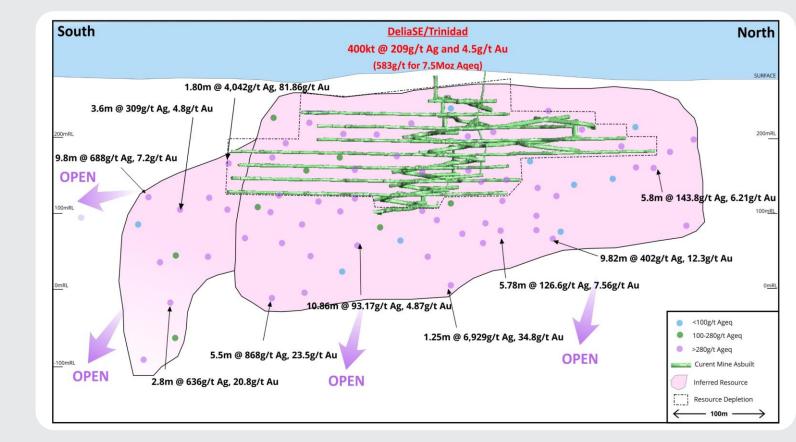


# **Delia Se – High Grade and Accessible**



High grade feed to complement Open pit Base load Vein width typically up to 4m Current Resource OPEN to the south and down plunge Resource contained in top 300m Number of high-grade veins parallel and oblique to Delia not in current resource are to be evaluated progressively with further resource updates

Orill testing of southerly strike and plunge extensions and below the main mine area





# **Coyita Vein – Rapid Value Growth**

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High grade feed to complement Open pit **Base load** 

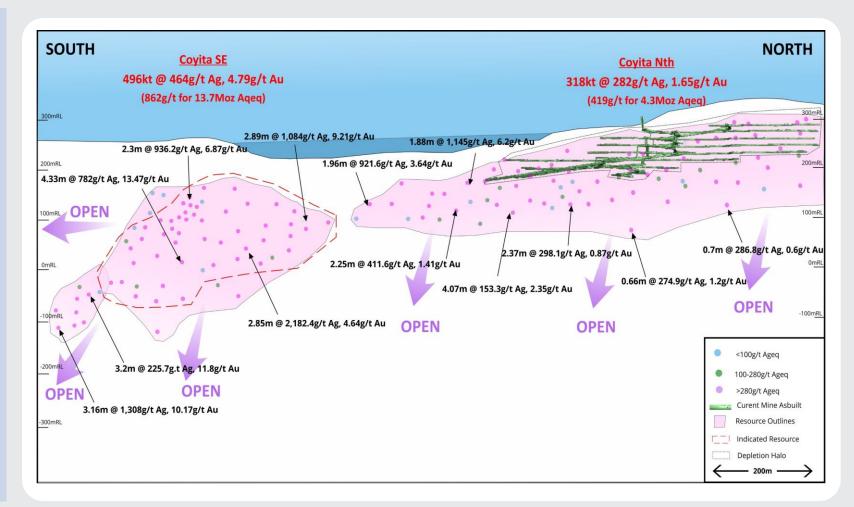
**Exceptional grades underpin a high** value resource

Coyita veins over 1.3km of strike Π Ú.

Access to Coyita Nth vein via the established Coyita Decline

Coyita Sth can be rapidly accessed by the development of a 650m 1:7 southern extension to the Covita Decline

✓ Drilling will test the southerly plunge and strike extensions which remain untested.



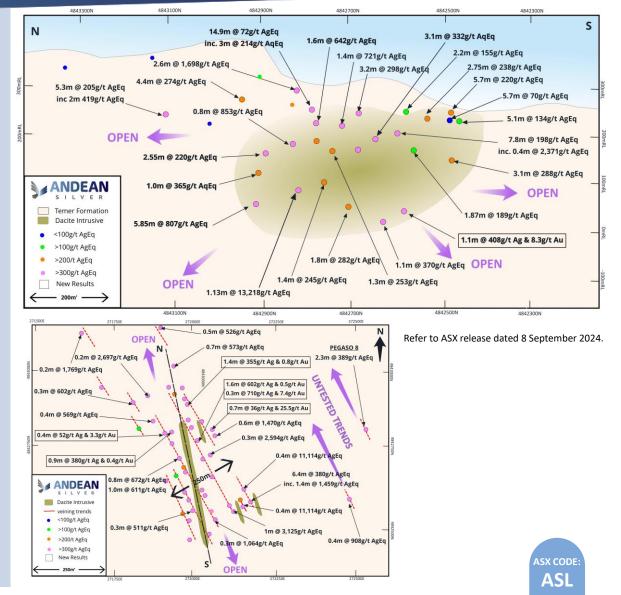


# Pegaso 7 – Growing a Significant Future Resource



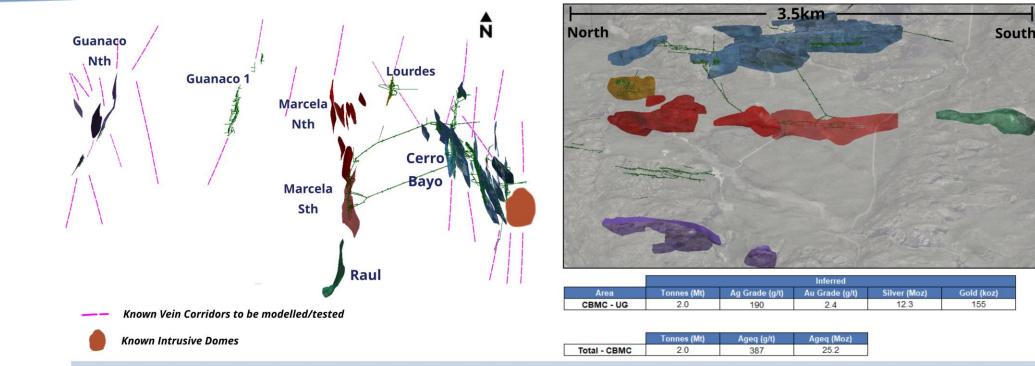
Aaiden Drill Campaign extended known mineralisation to 600m										
Surface mineralisation extends over 1km in strike										
Maiden resource on Pegaso 7 progressing										
Future mining scenario would be a combined Open Pit and Underground scenario										
Significant drill results										
5.85m @ 807g/t AgEq (351.6g/t Ag & 5.5g/t Au) (~5.85m @ 10g/t AuEq)										
<ul> <li>Inc. 0.9m @ 4,649g/t AgEq (2,107g/t Ag and 30.6g/t Au)</li> </ul>										
3.6m @ 642g/t AgEq (601.6g/t Ag & 0.5g/t Au) (~1.6m @ 8.5g/t AuEq)										

- Inc. 0.75m @ 1,093g/t AgEq (1,085t Ag & 0.1g/t Au)
- 3.1m @ 332g/t AgEq (192g/t Ag & 1.7g/t Au) (~3.1m @ 4.4g/t AuEq)
  - Inc. 0.8m @ 589g/t AgEq (391g/t Ag & 2.4g/t Au)
- 1.1m @ 13,218g/t AgEq (5,291g/t Ag & 95.5g/t Au) (~1.1m @ 165g/t AuEq)
- 2.6m @ 1,699g/t AgEq (1,427g/t Ag & 3.3g/t Au) (~2.6m @ 21.3g/t AuEq)



## **Cerro Bayo Mine Complex - Overview**





Significant amount (~60%) of the resource sits within unmined Raul - Marcella Nth Corridor and Guanaco Nth Easy infrastructure access via Wendy Portal (900m to Marcella)

Raul contains existing Waste dumps and ROM pads and existing open pit (lower strip ratio) to leverage future restart

Cerro Bayo resource sits proximal to significant underground development = low restart CAPEX

Untested Vein corridor resource definition, continued remodelling, open pit optimisation work ongoing

Historic Production from CBMC (2002-2008) of ~ 36.5Moz AgEq @ 679g/t AgEq



# Marcela Sth Vein – Ready to mine



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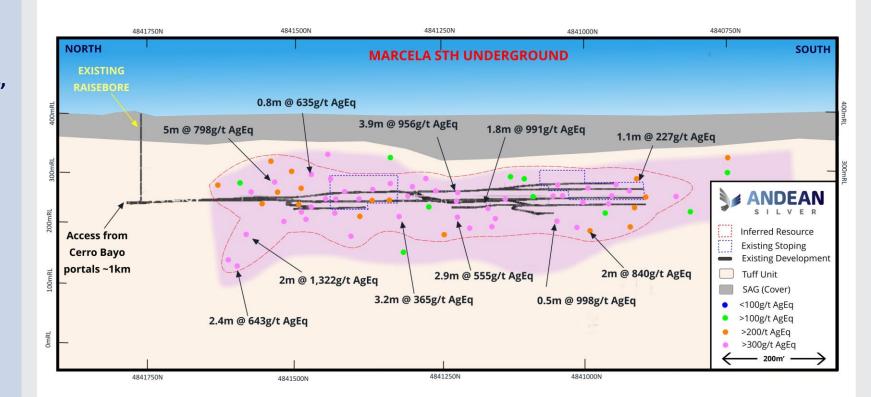
One lode which is part of a larger 1.5km vein system.



Development in place; levels, vent raises, etc to support a low cost, rapid restart

Know metallurgy and geotechnical conditions and historic development = little surprises

Untested ore shoots at depth



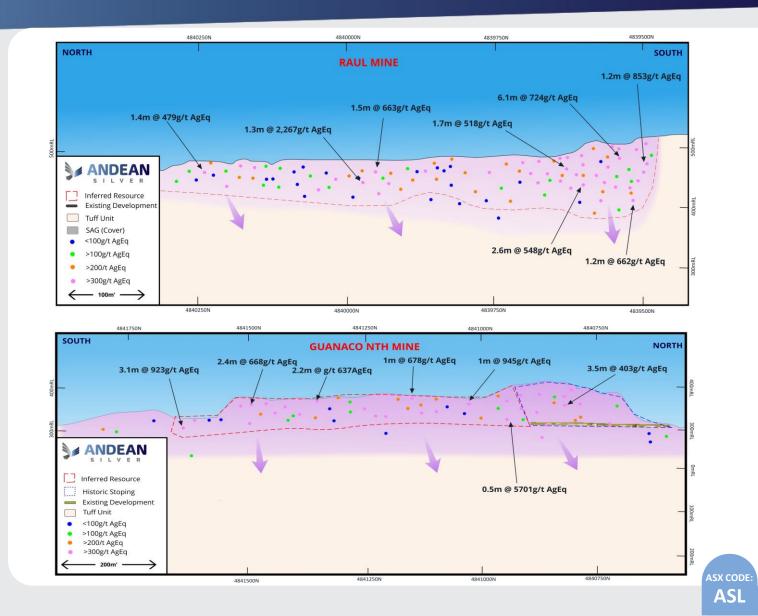
# **Resources to surface – Optionality**



Multiple high grade lodes exposed on surface

Historic open cut operations and undergrounds

Optionality for combined open pit and underground operations



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# **Exploration and Future Growth**



# **Cerro Bayo – Under Explored for 20 Years**



Historic Production of 48.3Moz AgEq

District scale project area Extensive Surface outcrop veins discovered New discoveries still being made

#### Raul West vein high-grade rock chips

2,090 g/t Silver & 17.3 g/t Gold → 1,689 g/t Silver & 9.8 g/t Gold → 2,710 g/t Silver & 0.36 g/t Gold →

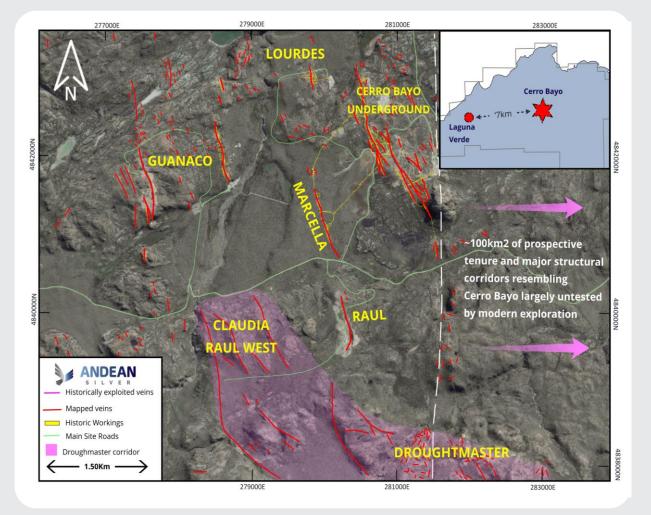
1,464 g/t Silver & 15.8 g/t Gold
1,385 g/t Silver & 23 g/t Gold
1,150 g/t Silver & 35.8 g/t Gold

#### Claudia vein high-grade rock chips and channels

- > 8,677 g/t Silver & 100.1g/t Gold
- > 6,127 g/t Silver & 60.1g/t Gold
- > 2,550 g/t Silver & 14.3g/t Gold

1,738 g/t Silver & 11.4g/t Gold

- 1,607 g/t Silver & 14.6g/t Gold
- 1,382 g/t Silver & 24.2g/t Gold



## **Droughtmaster corridor – Emerging District**

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Underexplored Extensive System

Extensive Surface outcrop over 4km Strike Discovery of new high grade vein trends 40% of corridor under cover = future discoveries? Sits within a large graben structure

**use** 

personal

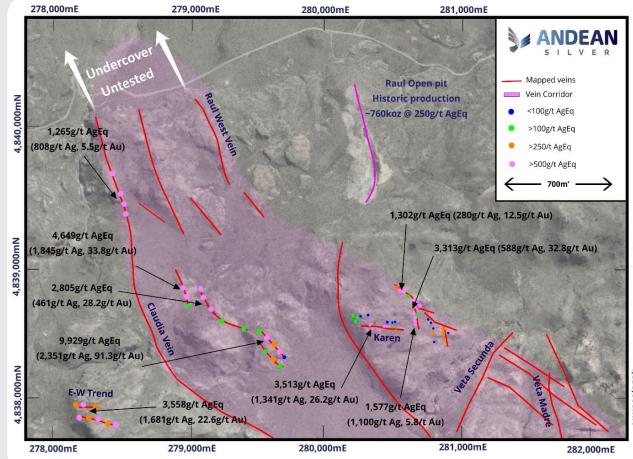
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#### High grade vein high-grade rock chips

2,351 g/t Silver & 91.3 g/t Gold 1,845 g/t Silver & 33.8 g/t Gold 1,681 g/t Silver & 22.6 g/t Gold

#### Historic channel sampling and scout drilling

2.4m @ 72g/t Silver & 30.9g/t Gold (Percheron Drilling (TW) 1.7m @ 282g/t Silver & 3.6g/t Gold (Veta Secunda channel, TW) 0.7m @ 8,677g/t Silver & 100.1g/t Gold (Claudia channel, TW)



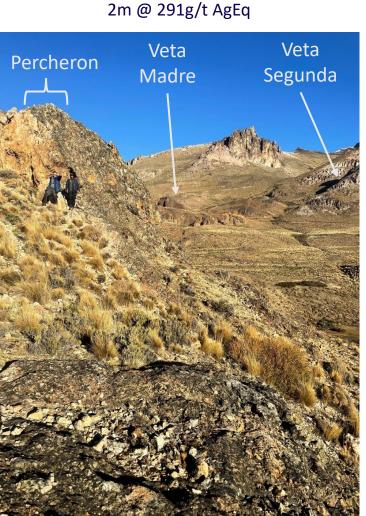
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# **Droughtmaster Corridor Structures**

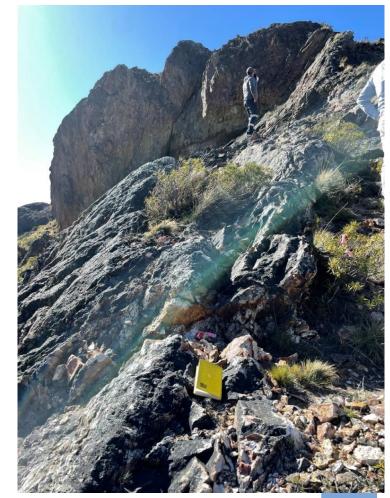
# **ANDEAN**





Percheron Vein

Raul West Vein 0.5m @ 2,499g/t AgEq



# **Huge Regional Upside**

Los Domos

### **Exceptional high grade surface rock chips including:**

Polymetallic intermediate sulphidation style deposit with only ~7,000m drilled to date
O- walk up drill targets

Los Domos covers a 10km Strike

**C**Southern Extension to the Cerro Bayo Project = **26km long vein system** 

Excellent Metallurgy

No Historic Resource







#### **Drill Intercepts include:**

1.3m @ 27.42g/t Au, 32g/t Ag, 0.04% Pb, 0.2% Zn, 0.15% Cu
9.7m @ 181g/t Ag, 2.58g/t Au, 4.15% Pb, 8.5% Zn, 0.4% Cu
2.7m @ 132g/t Ag, 1.32g/t Au, 11.4% Pb, 10.7% Zn, 0.32% Cu
8.39m @ 248g/t Ag, 20.7% Pb, 7.1% Zn, 0.7g/t Au

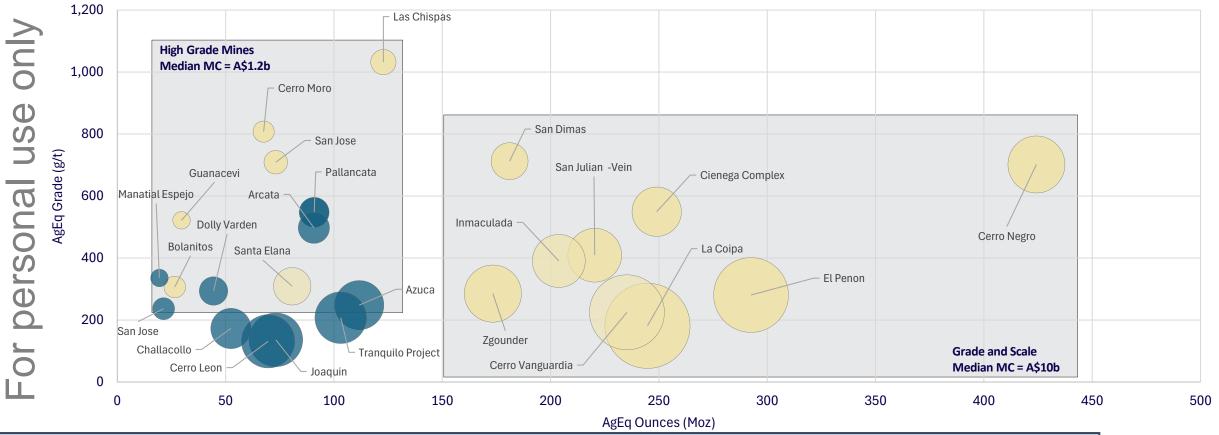




High grade polymetallic mineralization from Los Domos

Refer to ASX release dated 1 December 2023.

# World class silver assets



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 Operational Mines
 Median Company Market Cap of A\$1.9b

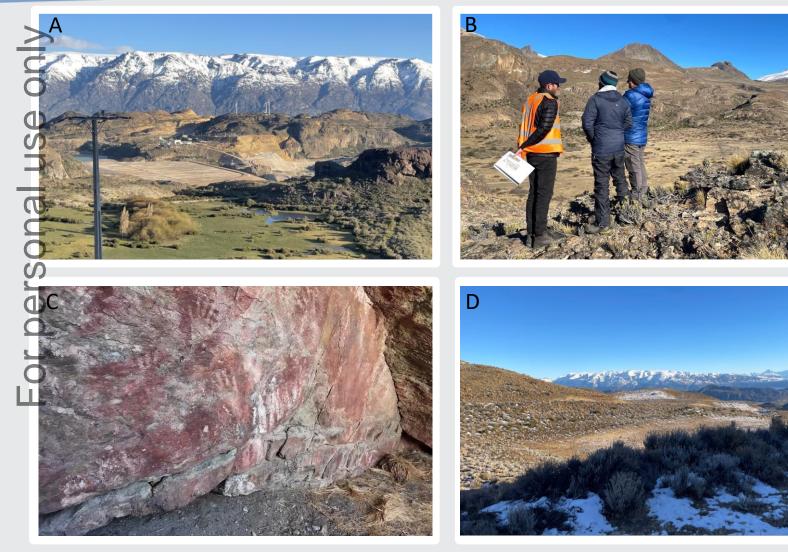
 Image: Development/C&M
 Andean aims to grow Cerro Bayo Project into a world class asset

 Bubble size represents tonnes (Mt)
 File State Company Market Cap of A\$1.9b

Refer to Appendix D for comparison Resource and Reserve data. Market caps taken from S&P Global data as at market close on 6 September 2024.

# **Establishing Strong Social Presence**

# 



- local community support through sponsorship of sporting groups, community programs and infrastructure investment
   Archaeological site preservation
  - > University of Santiago geology sponsor

Cerro Bayo has +25yrs of overwhelming

- Donate pumps and install new drinking water supply for Bahia Jara
- Strong support from Chilean Government with a long-term goal of being an exemplar of sustainable mining in the Aysen region
  - Andean sits on the regional development council driving the future infrastructure planning
  - > Assisting in main road upgrade projects
  - > Assist in the establishment of mine specific trade courses for regional training college
- Committed to best practice in rehabilitation and environmental stewardship with a history of progressive successful rehabilitation of mine sites
  - Progressive rehibition of historic mines and drilling platforms completed

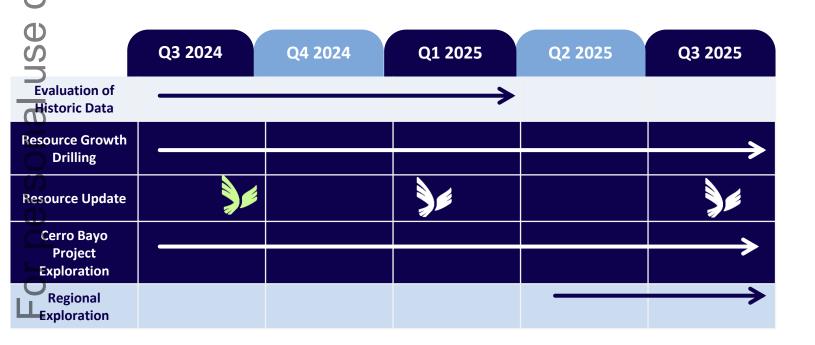


Note; (A) Low footprint Cerro Bayo Mill site, (B), Droughtmaster project, (C) 3,500yr old rock art preservation site, (D) Rehab complete on 100-man Cascada camp site

# **Continued Resource growth and discovery**

### **12 Month News Flow**

### Well-funded for 2024-2025 works program and multiple resource updates



- 2 x Drill rigs on the ground
- Planning to increase to 4 in 2025 targeting a total ~40,000m for FY25
- Regional targeting commenced
- Planning underway for geophysical surveys and hyperspectral mapping
- Continued evaluation of historic areas



# **Cerro Bayo Silver-Gold Project**



Rapid low-cost growth through the drill bit – a proven strategy for value creation

### Highlights

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- > A significant ready-to-go silver-gold mine in the Deseado Massif, Chile
- > A world class mining province host to Newmont, Yamana, Anglo Ashanti, McEwen Mining
- > Existing high grade resource base of 91Moz of silver equivalent
- > Exceptional exploration upside with grades including 34,421 g/t silver and 169 g/t gold
- > Over A\$150M of existing infrastructure, underground, processing plant, offices, mining equipment
- > Clear potential for a near to medium term significant silver operation
- > Board and management team with a proven track record of value creation
- > Strong cash position of A\$10.5 million<sup>1</sup> for immediate growth throughout 2024







**Appendix A - Infrastructure Overview, Resource Overview and Exploration Summary** 

**Appendix B - Silver Statistics** 

**Appendix C - Cerro Bayo Project Mineral Resources** 

**Appendix D - Comparisons** 



### **READY TO GO** A \$150m Mine Infrastructure





Outcropping

erse

Core Logging Facility >

>

- Water Rights for 815 l/s
- > 12MW Power Facility

Over 300km of established roads

Deep water port 100km by road

#### **Equipment For Restart**

- > Underground Mining and
- > Ancillary Equipment
- > Surface Mining and ROM
- > Loading Equipment
- > Warehouse and Mill Spares
- > Valued at over US\$4m
- > Critical Backup Power **Networks and Spares**
- Easy and quick supply routes from Santiago and Argentina

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1. Couer/Mandalay production reconciliations from 2002-2017 total ~7.3Mt @ 201g/t Ag, 2.9g/t Au for 47 Moz Ag and 678koz Au (~100 Moz AgEq @ 83:1 ratio).

# **Huge Regional Upside**



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### Exceptional high grade surface rock chips including:

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### **Copper Rich Zone**

20.6% Cu, 30.8g/t Ag, 0.38% Zn, 0.17% Pb, 0.26g/t Au 16.2% Cu, 24.6g/t Ag, 0.18% Zn, 0.11% Pb, 0.15g/t Au

6.79% Cu, 11.7g/t Ag, 0.53g/t Au 4.34% Cu, 12.5g/t Ag

### Gold Rich Zone

5.40g/t Au, 6.2g/t Ag

4.91g/t Au, 3.8g/t Ag

≌\_\_\_\_ 3.93g/t Au, 12.2g/t Ag

### **Polymetallic Rich Zone**

- > 7.95% Zn, 35% Pb, 0.35% Cu, 112g/t Ag
- > 19% Zn, 20.8% Pb, 1.12% Cu, 100g/t Ag
- > 9.74% Zn, 7% Pb, 0.33% Cu, 54.7g/t Ag
- > 7.2% Zn, 5.7% Pb, 0.78% Cu, 84.8g/t Ag

- Cerro Diablo geological model related to HOD MADEN style Hybrid mineralization (VMS/intermediate sulphidation)
- > Large Permit with high priority walk up drill targets
- Polymetallic intermediate sulphidation style deposit with only ~7,000m drilled to date
   walk up drill targets



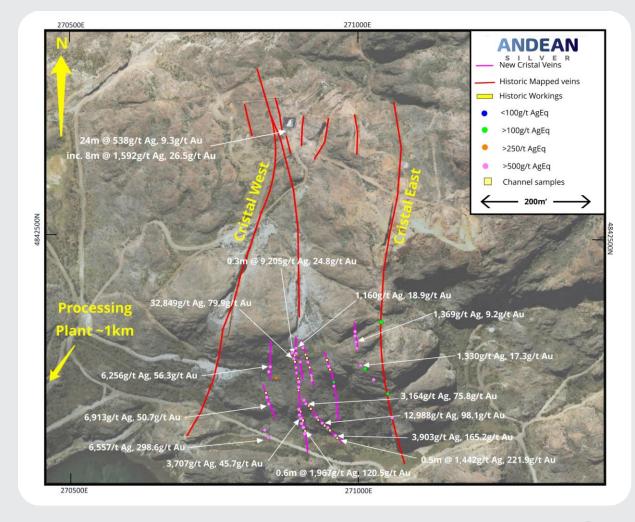
# **New Discoveries Proximal to Mill**

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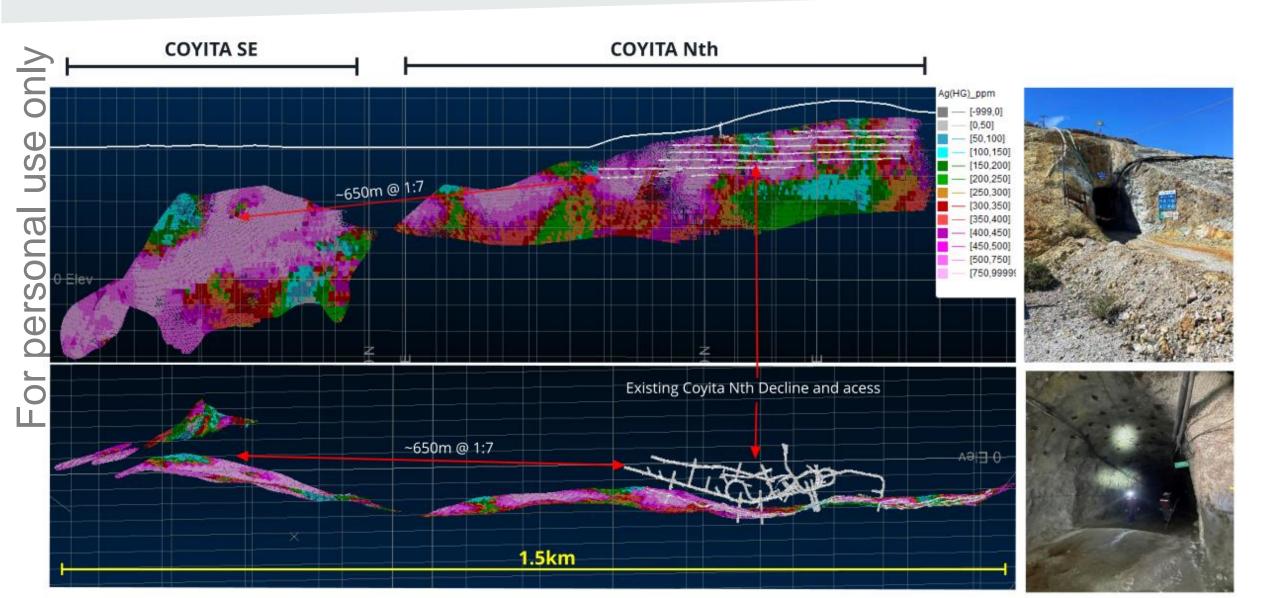
Cristal discovery within 1.5km of processing plant Extensive vein corridor Outstanding series of outcropping veins High-grade hits include:

0.5m @ 19,856g/t AgEq (1,442g/t Silver & 221.9g/t Gold) 0.6m @ 11,965g/t AgEq (1,967g/t Silver & 120.5g/t Gold) 0.3m @ 11,261g/t AgEq (9,205g/t Silver & 24.8g/t Gold) 0.3m @ 6,810g/t AgEq (3,413g/t Silver & 40.9g/t Gold) 1.0m @ 6,345g/t AgEq (4,750g/t Silver & 19.2g/t Gold) 0.8m @ 5,782g/t AgEq (4,268g/t Silver & 18.2g/t Gold) 39,481g/t AgEq (32,849g/t Silver & 79.9g/t Gold) 31,342g/t AgEq (6,557g/t Silver & 298.6g/t Gold) 21,130g/t AgEq (12,988g/t Silver & 98.1g/t Gold)



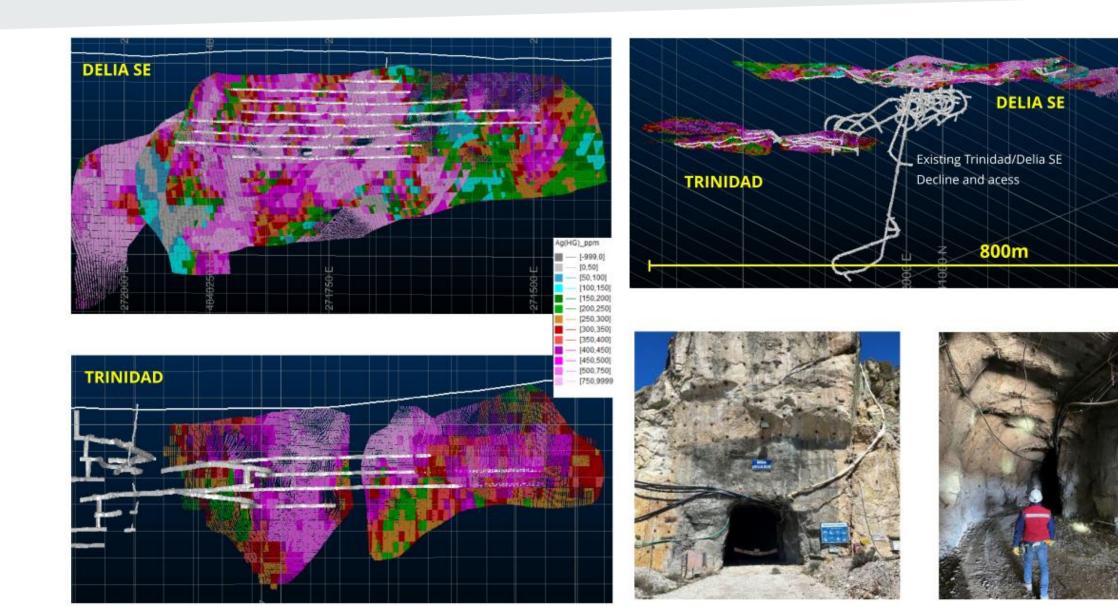
### **APPENDIX A** Coyita Resource – Feb 2024





### **APPENDIX A** Delia Resource – Feb 2024





### **APPENDIX A** INFRASTRUCTURE OVERVIEW COYITA AND DELIA MINE INFRASTRUCTURE





DELIA SUR MINE

### COYITA NORTE MINE



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### **APPENDIX B** Silver Statistics



### Global Silver production versus demand

Year	Mine Supply (Moz)	Recycling Capacity (Moz)	Market Demand (Moz)	Deficit (Moz)	Auditable Vault Stocks (Moz)		
2014	882	160.4	1110	-67.6			
2015	896	146.9	1153	-110.1			
2016	899.8	145.6	1074	-28.6			
2017	863.6	147	1053	-42.4			
2018	850.3	148.5	1081	-82.2			
2019	836.6	148	1004.4	-19.8			
2020	782.2	164.3	989	-42.5	1,702		
2021	827.6	175.3	1158	-155.1	1,667		
2022	822.4	180.6	1278.9	-275.9	1,278		
2023	830.5	178.6	1195	-185.9	1,219		
2024E	823.5	178.9	1219.1	-216.7			

### Major bullion vaults stocks 2020-2022

	2020	2021	2022	2023	2yr_avg
London Vaults	1080.5	1161.5	840.9	856.2	- <b>26%</b>
CME	396.5	355.7	299.0	277.9	-22%
SGE	130.0	73.9	69.0	46.5	-37%
SHFE	95.2	75.9	69.2	38.2	-50%
Total	1702.2	1667.0	1278.1	1218.8	-23%



## **APPENDIX C**

### **Cerro Bayo Project Mineral Resources**

As at 1 September 2024

0	<b>T</b> (1-1)		Indicated						
Area	Tonnes (kt)	Ag Grade (g/t)	Au Grade (g/t)	Silver (koz)	Gold (koz)	AgEq (g/t)	AgEq (koz)	AuEq (g/t)	AuEq (koz)
WMC - UG	0.4	532	4.9	6.5	60	939	11.5	11.3	139
Ď	0.4	532	4.9	6.5	60	939	11.5		

Ø			Inferred						
Area	Tonnes (kt)	Ag Grade (g/t)	Au Grade (g/t)	Silver (koz)	Gold (koz)	AgEq (g/t)	AgEq (koz)	AuEq (g/t)	AuEq (koz)
LVMC - UG	2.9	171	2.8	16.1	265	405	38.1	4.9	459
LVMC - OP	2.9	38	1.6	3.6	148	171	15.8	2.1	191
CBMC - UG	2.0	190	2.4	12.4	155	387	25.2	4.7	304
e	7.8	127	2.2	32.1	568	313	79.1	3.8	954
Õ									
Total Indicated	Tonnes (kt)	Ag Grade (g/t)	Au Grade (g/t)	Silver (koz)	Gold (koz)	AgEq (g/t)	AgEq (koz)	AuEq (g/t)	AuEq (koz)
Sand Inferred	8.2	146	2.4	38.6	628	342	90.7	4.1	1,093

1. Mineral Resources are classified and reported in accordance with the 2012 JORC Code.

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- 2. Open pit resources are reported to a cutoff grade of 65g/t AgEq.
- *3. Pit optimisation shells were used to constrain the resource using a gold price of US\$1,850/oz and Silver price of US\$24/oz.*
- Taitao Underground Mineral Resources are reported at a cut-off of 165g/t AgEq beneath the open pit. Remaining resources are reported at a cut-off of 200g/t AgEq.
- 5. Silver equivalents are calculated using the equation AgEq = Ag(g/t) + (83 x Au(g/t) and gold equivalents are calculated based on the equation AuEq = Au(g/t) + (Ag(g/t) / 83) based on a gold price of US\$1,900/oz and Silver price of US\$23/oz. Metallurgical recoveries for gold and silver are closely linked and are typically 92-93% for gold and silver. The Company considers the estimation of metallurgical recoveries in respect of exploration work to be reasonable based on the past processing records from the nearby Cerro Bayo plant between 1995 and 2016, and work undertaken in preparing the mineral resource estimate. It is the Company's view that all elements in the silver and gold equivalents calculations have a reasonable potential to be recovered and sold.
- 6. Bulk Density of 2.63g/cm3 has been applied to veins and 2.57g/cm3 has been applied to stockwork and waste domains.
- No internal selectivity or dilution has been applied and the stockwork domains have been modelled using an SMU of 2.5m x 5m x 2.5m (X,Y,Z) with dilution incorporated into the SMU.
- 8. Numbers may not add due to rounding.



### **APPENDIX D** World class silver assets - Resources



Resource - F	Project Comps			Measu	red				Indicated			Inferred					Total Resource				
Mine	Company	tonnes (kt)	Au(g/t)	Ag(g/t)	Au (koz)	Ag(koz)	tonnes (kt)	Au(g/t)	Ag(g/t)	Au (koz)	Ag(koz)	tonnes (kt)	Au(g/t)	Ag(g/t)	Au (koz)	Ag(koz)	tonnes (kt)	Au(g/t)	Ag(g/t)	Au (koz)	Ag(koz)
Cerro Negro	Newmont	1,300	3.71	12	155	489	2,100	6.17	30	417	2,027	6,200	4.73	26	943	5,272	9,600	4.91	25	1,514	7,789
San Jose	Hochschild/McEwan	226	4.14	223	30	1,620	220	2.64	185	19	1,309	1,728	5.04	329	280	18,278	2,174	4.70	303	329	21,207
Cerro Moro	PAAS	120	5.48	226	21	872	490	4.50	347	71	5,467	665	6.98	168	149	3,592	1,275	5.89	242	241	9,930
Cerro Vanguardia	Anglogold	5,500	2.62		463	0	13,800	2.49		1,105	0	3,920	3.15		397	0	23,220	2.63	0	1,965	0
Manatial Espejo	PAAS	300	2.40	164	23	1,582	1,000	2.79	149	90	4,790	500	1.49	106	24	1,704	1,800	2.36	140	137	8,076
Tranquilo Project	Mirasol	3	2.92	47	0	5	10,554	2.07	63	702	21,445	4,895	1.37	35	216	5,461	15,452	1.85	54	918	26,911
Cerro Leon	Unico				0	0	6,820	0.49	86	107	18,857	9,650	0.77	71	239	22,028	16,470	0.65	77	346	40,885
Joaquin	Unico	15,700	0.12	128	61	64,610				0	0	1,000	0.12	100	4	3,215	16,700	0.12	126	64	67,825
El Penon	PAAS	1,100	4.10	146	145	5,163	6,700	3.04	99	655	21,326	18,400	1.38	48	816	28,632	26,200	1.92	65	1,616	55,121
<b>Z</b> gounder	AYA	3,511		347	0	39,170	6,254	0.00	283	0	56,903	542		367	0	6,395	10,307	0.00	309	0	102,468
Arcata	Hochschild	834	1.35	438	36	11,744	1,304	1.36	411	57	17,231	3,533	1.26	371	143	42,141	5,671	1.30	390	236	71,117
Inmaculada	Hochschild	2,455	4.45	187	351	14,760	5,236	3.22	132	542	22,221	8,533	2.78	107	763	29,355	16,224	3.17	127	1,656	66,336
Pallancata	Hochschild	1,196	1.39	306	53	11,766	592	1.10	236	21	4,492	3,372	1.81	481	196	52,146	5,160	1.63	412	271	68,405
Azuca	Hochschild	191	0.77	244	5	1,498	6,859	0.77	187	170	41,238	6,946	0.89	170	199	37,964	13,996	0.83	179	373	80,700
San Julian -Vein	Fresnillo	2,147	2.47	215	170	14,841	7,818	1.81	288	455	72,390	6,785	1.51	247	329	53,881	16,750	1.77	262	955	141,112
Cienega Complex	Fresnillo	5,516	4.19	288	743	51,075	3,780	2.82	282	343	34,271	4,795	2.54	266	392	41,007	14,091	3.26	279	1,477	126,354
San Dimas	First Majestic	2,124	5.92	449	404	30,661	1,821	3.80	353	222	20,667	3,959	3.67	306	467	38,949	7,904	4.30	355	1,094	90,277
Santa Elana	First Majestic	999	3.33	109	107	3,490	3,690	2.73	105	324	12,510	3,439	2.01	95	222	10,504	8,128	2.50	101	653	26,504
Clas Chispas	Silvercrest	207	13.67	1289	91	8,562	2,168	6.51	637	454	44,375	1,327	3.73	269	159	11,477	3,701	5.91	541	704	64,414
San Jose	Fortuna Silver	45	1.09	141	2	204	1,001	1.11	148	36	4,763	1,029	1.04	147	34	4,863	2,075	1.07	147	72	9,830
Guanacevi	Endeavour Silver	205	1.37	528	9	3,480	364	0.88	388	10	4,541	462	1.05	498	16	7,397	1,031	1.05	465	35	15,418
Bolanitos	Endeavour Silver	79	2.93	107	7	272	710	2.66	107	61	2,442	1,442	2.18	130	101	6,027	2,231	2.36	122	169	8,741
Dolly Varden	Dolly Varden Silver					0	3,417	0.00	300	0	32,958	1,285	0.00	277	0	11,447	4,702	0.00	294	0	44,404
Challacollo	Aftermath Silver						6,640	0.27	165	58	35,224	2,803	0.17	124	15	11,175	9,443	0.24	153	73	46,399
La Coipa	Kinross	6,006	1.80	30	348	5,696	19,824	1.60	42	1,020	27,024	2,933	1.20	42	113	3,989	28,763	1.60	40	1,481	36,709
Pirquitas	SSR	1,259	0.00	350		14,163	1,221	0.00	250	0	9,830	1,320	0.00	195	0	8,271	3,800	0.00	264	0	32,264



### **APPENDIX D** World class silver assets - Reserves



	Reserve - P	roject Comp			Proven				F	Probable			Total Reserve				
M	ine	Company	tonnes (kt)	Au(g/t)	Ag(g/t)	Au (koz)	Ag(koz)	tonnes (kt)	Au(g/t)	Ag(g/t)	Au (koz)	Ag(koz)	tonnes (kt)	Au(g/t)	Ag(g/t)	Au (koz)	Ag(koz)
	Cerro Negro	Newmont	1,900	11.81	85	721	5,222	7,300	10.75	69	2,523	16,248	9,200	10.97	73	3,244	21,470
あ	San Jose	Hochschild/McEwan	576	5.10	283	94	5,241	458	5.70	312	84	4,594	1,034	5.37	296	178	9,835
Ý	Cerro Moro	PAAS	445	5.58	272	80	3,892	555	9.31	200	166	3,569	1,000	7.65	232	246	7,460
	Cerro Vanguardia	Anglogold	2,090	3.26		219		7,210	1.91		443		9,300	2.21	58	662	17,200
¥.	Manatial Espejo	PAAS															
$\Theta$	Tranquilo Project	Mirasol															
$\square$	Cerro Leon	Unico															
	Joaquin	Unico															
a d	El Penon	PAAS	820	5.50	208	145	5,484	3,950	3.99	131	507	16,636	4,770	4.25	144	652	22,120
Ä	Zgounder	AYA	3,100		288	0	28,704	5,490		239	0	42,185	8,590	0.00	257	0	70,890
	Arcata	Hochschild															
Q	Inmaculada	Hochschild	1,426	4.10	177	188	8,115	3,305	2.90	116	308	12,326	4,731	3.26	134	496	20,440
<u>()</u>	Pallancata	Hochschild															
	Azuca	Hochschild															
$\Phi$	San Julian -Vein	Fresnillo															
$\square$	Cienega Complex	Fresnillo						2,693	2.46	253	213	21,905	2,693	2.46	253	213	21,905
	San Dimas	First Majestic	1,972	3.47	265	220	16,801	1,663	2.69	254	144	13,581	3,635	3.11	260	364	30,382
	Santa Elana	First Majestic											3,843	2.48	85	307	10,478
$\mathbf{Q}$	Las Chispas	Silvercrest	345	7.03	665	78	7,376	2,735	3.78	374	332	32,886	3,080	4.14	407	410	40,262
	San Jose	Fortuna Silver	37	1.23	172	1	205	695	0.97	155	22	3,463	733	0.98	156	23	3,700
	Guanacevi	Endeavour Silver	299	1.17	426	11	4,095	436	0.95	369	13	5,173	735	1.04	392	25	9,268
	Bolanitos	Endeavour Silver	99	2.48	74	8	236	360	1.98	81	23	938	459	2.09	79	31	1,173
	Dolly Varden	Dolly Varden Silver															
	Challacollo	Aftermath Silver															
	La Coipa	Kinross	1,286	1.60	74	66	3,076	11,918	1.80	50	690	19,312	13,204	1.78	53	756	22,388



### **APPENDIX D**



### World class silver assets - Total In-situ Resources, inclusive of Reserves

Total Resource Total Resource														
Mine	Company	Resource Date	Project Status	tonnes (kt)	Au (g/t)	Ag (g/t) /	Au (koz)	Ag(koz)	AgEq (koz)	AgEq (g/t)	Source			
Cerro Negro^	Newmont	Dec 31, 2023	Production	18,800	7.87	48	4,759	29,259	424,252	702	Newmont's ASX release dated 22/02/2024 and titled "PR as issued – 2023 Reserves and Resources"			
San Jose*	Hochschild/McEwen	Dec 31, 2023	Production	3,208	4.92	301	507	31,042	73,134	709	Hochschild's 2023 annual report			
Cerro Moro^	PAAS	Dec 18, 2023	Production	2,275	6.66	238	487	17,391	57,831	791	Pan American Silver Corp's TSX release dated 11/09/2024 and titled "Pan American Silver Reports Mineral Reserves and Mineral Resources as at June 30, 2024"			
Cerro Vanguardia#	Anglogold	Dec 31, 2023	Production	32,520	2.51	16	2,627	17,200	235,229	225	Anglogold Ashanti's 2023 Mineral Resource and Mineral Reserve Report			
Manatial Espejo^	PAAS	Dec 18, 2023	C&M	1,800	2.36	140	137	8,076	19,431	336	Pan American Silver Corp's TSX release dated 11/09/2024 and titled "Pan American Silver Reports Mineral Reserves and Mineral Resources as at June 30, 2024"			
Tranquilo Project^	Mirasol	Dec 31, 2018	Exploration	15,452	1.85	54	918	26,911	103,131	208	Available on Patagonia Gold website ( <u>https://patagoniagold.com/operations/mineral-resources-and-</u> mineral-reserves/) accessed on 16/09/2024			
Cerro Leon*	Unico	Feb 1, 2023	Exploration	16,470	0.65	77	346	40,885	69,631	131	Unico's ASX release dated 18/05/2023 and titled "Cerro Leon Silver Resource Grows 84% to 92Moz"			
Joaquin*	Unico	Feb 1, 2013	Exploration	16,700	0.12	126	64	67,825	73,173	136	Unico Silver's ASX release dated 20/08/2024 and titled "Acquisition of Joaquin Silver District"			
El Penon^	PAAS	Dec 18, 2023	Production	30,970	2.28	78	2,268	77,241	265,479	/h/	Pan American Silver Corp's TSX release dated 11/09/2024 and titled "Pan American Silver Reports Mineral Reserves and Mineral Resources as at June 30, 2024"			
Zgounder <sup>^</sup>	ΑΥΑ	Dec 31, 2023	Production	18,897	0.00	285	0	173,358	173,358	285	AYA Gold & Silver's NI 43-101 Technical Report Feasibility Study for the Zgounder Expansion Project dated 16/06/2022			
Arcata*	Hochschild	Dec 31, 2023	C&M	5,671	1.30	390	236	71,117	90,733	498	Hochschild's 2023 annual report			
Inmaculada*	Hochschild	Dec 31, 2023	Exploration	16,224	3.17	127	1,656	66,336	203,781	391	Hochschild's 2023 annual report			
Pallancata*	Hochschild	Dec 31, 2023	C&M	5,160	1.63	412	271	68,405	90,865	548	Hochschild's 2023 annual report			
느 Azuca*	Hochschild	Dec 31, 2023	Exploration	13,996	0.83	179	373	80,700	111,683	248	Hochschild's 2023 annual report			
San Julian -Vein*	Fresnillo	May 31, 2023	Production	16,750	1.77	262	955	141,112	220,365	409	Fresnillo's releases dated 31/05/2023 and titled "Consolidated Audited Mineral Resource Statement for Underground operational properties" and "Consolidated Audited Ore Reserve Statement for Underground operational properties"			
Cienega Complex*	Fresnillo	May 31, 2023	Production	14,091	3.26	279	1,477	126,354	248,974	550	Fresnillo's releases dated 31/05/2023 and titled "Consolidated Audited Mineral Resource Statement for Underground operational properties" and "Consolidated Audited Ore Reserve Statement for Underground operational properties"			
San Dimas^	First Majestic	Dec 31, 2023	Production	7,904	4.30	355	1,094	90,277	181,069	713	First Majestic's 2023 annual report			
Santa Elena^	First Majestic	Dec 31, 2023	Production	8,128	2.50	101	653	26,504	80,723	309	First Majestic's 2023 annual report			
Las Chispas^	SilverCrest	June 30, 2022	Development	3,701	5.91	541	704	64,414	122,809	1,032	SilverCrest's release dated 31/07/2023 and titled "SilverCrest Announces Results of Updated Independent Technical Report"			
San Jose <sup>^</sup>	Fortuna Silver	Dec 31, 2023	Production	2,808	1.05	150	95	13,530	21,391	237	Fortuna Silver Mine's San Jose technical report filed on SEDAR on 8/03/2024			
Guanacevi^	Endeavour Silver	Dec 31, 2023	Production	1,766	1.05	435	59	24,686	29,623	522	Available on Endeavour Silver's website ( <u>https://edrsilver.com/portfolio/reserves-resources/reserves-</u> resources/) accessed on 16/09/2024			
Bolanitos^	Endeavour Silver	Dec 31, 2023	Production	2,690	2.31	115	200	9,914	26,518	307	Available on Endeavour Silver's website ( <u>https://edrsilver.com/portfolio/reserves-resources/reserves-</u> resources/) accessed on 16/09/2024			
Dolly Varden^	Dolly Varden Silver	Dec 31, 2023	Exploration	4,702	0.00	294	0	44,404	44,404	294	Dolly Varden's NI 43-101 Technical Report filed on SEDAR on 23/03/2023			
Challacollo <sup>^</sup>	Aftermath Silver	Nov 30, 2020	Exploration	9,443	0.24	153	73	46,399	52,455	173	Aftermath Silver's NI 43-101 Technical Report filed on SEDAR on 5/02/2021			
La Coipa^	Kinross	Dec 31, 2023	Production	41,967	1.66	44	2,236	59,097	244,716	181	Kinross' 2023 Annual Mineral Reserve and Resource Statement			



ASX CODE:

(+61) 8 6243 6542
 Level 2/8 Richardson Street, West Perth, WA 6005
 info@ANDEANSILVER.com

### **ANDEANSILVER**.COM