

### Forward Looking &

# **Cautionary Statements**

This presentation contains forward-looking statements and forward-looking information (collectively, "forward-looking statements") within the meaning of applicable Canadian and US securities legislation. All statements, other than statements of historical fact, included herein including, without limitation, statements regarding any potential increase in shareholder value through the acquisition of undervalued precious metal deposits for development, joint venture or later disposition, the potential to partner with mine developers to achieve production at any of the Company's properties (existing or future); the potential for the capital costs associated with any of the Company's existing or future properties to be low; the potential for the Company to outline resources at any of its existing or future properties, or to be able to increase any such resources in the future; concerning the economic outlook for the mining industry and the Company's expectations regarding metal prices and production and the appropriate time to acquire precious metal projects, the liquidity and capital resources and planned expenditures by the Company, the anticipated content, commencement, timing and cost of exploration programs, anticipated exploration program results and the anticipated business plans and timing of future activities of the Company, are forward-looking statements. Forward-looking statements are based on a number of assumptions which may prove incorrect, including, but not limited to, assumptions about the level and volatility of the price of gold; the timing of the receipt of regulatory and governmental approvals; permits and authorizations necessary to implement and carry on the Company's planned exploration programs at its properties; future economic and market conditions; the Company's ability to attract and retain key staff; and the ongoing relations of the Company with its underlying lessors, local communities and applicable regulatory agencies.

Accordingly, the Company cautions that any forward-looking statements are not guarantees of future results or performance, and that actual results may differ, and such differences may be material, from those set out in the forward-looking statements as a result of, among other factors, variations in the nature, quality and quantity of any mineral deposits that may be located, the Company's inability to obtain any necessary permits, consents or authorizations required for its activities, material adverse changes in economic and market conditions, changes in the regulatory environment and other government actions, fluctuations in commodity prices and exchange rates, the inability of the Company to raise the necessary capital for its ongoing operations, and business and operational risks normal in the mineral exploration, development and mining industries, as well as the risks and uncertainties disclosed in the Company's most recent management discussion and analysis filed with various provincial securities commissions in Canada, available at www.sedar.com. The Company undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after the date of this presentation or to reflect the occurrence of unanticipated events except as required by law. All subsequent written or oral forward-looking statements attributable to the Company or any person acting on its behalf are qualified by the cautionary statements herein.

John Drobe, P.Geo., a Qualified Person as defined by National Instrument 43-101, has reviewed and approved the technical information contained in this presentation and has approved the disclosure herein. John Drobe is not independent of the Company, as he holds common shares of the Company.



#### **Corporate Presentation**

# **World Copper**

**Winter 2022** 

# **AGENDA**

- 1. World Copper Introduction
- 2. Copper Outlook: Supply Crunch And Growing Demand
- 3. World Copper Chile: Escalones and Cristal projects
- 4. World Copper Arizona: Zonia project
- 5. Community Relations



#### Introduction to

# **World Copper**

Combining two **exciting** copper projects in Chile and an **advanced project** in Arizona.

### **☆** Chile

 The Escalones porphyry-skarn project southeast of Santiago has an established copper oxide resources and a 2022 PEA report.

- Tremendous upside exploration potential in supergene and skarn extension targets.
- The **Cristal property** in northern Chile is **in a prospective porphyry copper belt** and with high potential for additional large porphyry discoveries.

### **Arizona**

- The advanced Zonia copper-oxide porphyry project in central Arizona is 100% owned, in a favourable mining jurisdiction, with good access & infrastructure
- Fast-track to production: the PEA-level mine plan is entirely on private land and with minimal required permitting

## The Company

- The World Copper team has a unique skill to navigate the mining sector in Chile and the US.
- World Copper has substantial capital market experience and broad-based shareholder and investor support.
- Both Arizona and Chile are amongst the world's most mining friendly and stable jurisdictions.





# **Experienced Chilean Team**

The WCU team has created a vast network of contacts in Chile thanks to the accumulated Chilean Copper mining operations experience of Mr. Awad, Mr. Fréraut and Mr. Burns.



- Marcello Awad has unparalleled access to Chilean and South American deal-flow, as there are M&A opportunities where the present owners of certain copper projects do not have the wherewithal to advance the projects either financially or managerially.
- Roberto Fréraut has been prominent in the Chilean mining industry for over 3 decades, and has taken early retirement from his post as Exploration Manager for CODELCO Chile. His experience and knowledge of the Chilean industry is an incredibly valuable resource.
- **Patrick Burns** has been an active part of the flourishing Chilean Copper industry and was monumental to the discovery exploration of the Escondida copper mine, which is currently the largest copper mine in the world.



#### **World Copper**

# Management



#### Nolan Peterson | CEO and President

- Mr. Peterson is an engineer and finance executive experienced with project development, corporate finance and project management in the mining industry.
- He recently served in senior management at TMAC Resources Inc., working to develop the Hope Bay project; prior to its acquisition by Agnico Eagle Mines.
- He holds an MBA, a BASc in Metallurgical Engineering, is a CFA® Charterholder, and a Professional Engineer in BC & Ontario.



### Marcelo Awad | Executive Director, Chile

- Mr. Awad has a long and distinguished career in the mining industry
- 18 years with Codelco, most recently as Executive Vice President
- 16 years with Antofagasta Minerals S.A., the Mining Division of Antofagasta Plc, including 8 years as CEO from 2004 to 2012, a period of significant growth for Antofagasta
- In the 2011 Harvard Business Review, Mr. Awad was ranked as the number one CEO in Chile, 18th in Latin America and 87th in the world



### John Drobe | Head Geologist

- Mr. Drobe is a geologist with over 30 years' experience specializing in porphyry copper-gold, epithermal and skarn deposits throughout the Americas.
- Mr. Drobe has a deep experience with organizing and managing exploration campaigns, particularly in South America, which he has participated in the exploration and development of projects in Peru, Argentina, Ecuador and Chile.



### Krzysztof Napierała | GM, Chile

- Mr. Napierala is a professional with 12 years of experience in mining and manufacturing industries, with a strong background in business development, exploration, and the management and restructuring of mining operations.
- He spent over 10 years with the KGHM Group, one of the world's largest copper and silver miners, where he started as an associate in the exploration and development team, supporting the company's business development activities.



### Marla Ritchie | Corporate Secretary

- Ms. Ritchie brings over 25 years' experience in public markets working as an Administrator and Corporate Secretary specializing in resource based exploration companies
- Currently, she is also the corporate secretary for several companies, including International Tower Hill Mines Ltd. and Trevali Mining Corporation.



#### **World Copper**

# **Directors & Advisory**



### Henk van Alphen | Chairman

- Mr. van Alphen founded Wealth Minerals in 2005
- More than 30 years of experience in the mining industry. He has been a key player in companies such as Corriente Resources, Cardero Resources, Trevali Mining, Balmoral Resources, and International Tower Hill
- Over \$1 B raised in various financial transactions via Mr. van Alphen's involvement



### Roberto Fréraut | Director

- Mr. Fréraut is a seasoned mining geologist with over 30 years of experience in the Chilean mining industry
- Has previously served as the Exploration Manager for CODELCO
- Professor of "Fundamentals of Mining Business", module for the Mining Industry Version MBA at University of Chile.



### Patrick Burns | Director

- A Canadian geologist with over 40 years experience throughout the Caribbean, Central and South America
- Patrick was directly involved in the discovery of the Escondida porphyry copper deposit in Chile, as well as the Escondida Norte and Zaldivar deposits and was the first Project Manager of all three
- He has been involved in publicly traded mining companies predominantly in Chile for 35 years



### Robert C. Kopple | Director

- Mr. Kopple is an experienced investor, businessman and lawyer.
- A senior partner at Kopple Klinger & Elbaz LLP
- Investments include diverse interests in real estate and in several operating companies in mining, healthcare and technology.
- Mr. Kopple is a significant investor in World Copper



### **Keith Henderson | Director**

- Mr. Henderson is an experienced geologist with extensive experience in multiple mineral deposit types and commodities.
- In 2007 Mr. Henderson joined Cardero Resources Corp as EVP, where he advanced Pampa de Pongo through a scoping study for sale for US\$100M
- Currently President and CEO of Velocity Minerals



#### Tim McCutcheon | Director

- Mr. McCutcheon is a capital markets professional and corporate manager with over 20 years' business experience
- In 2006 he was a founder of DBM Capital Partners, a boutique mining resource merchant bank with AUM of \$130M and \$100M completed M&A transactions
- Mr. McCutcheon has been a director/CEO of several public Emerging Market natural resource companies with assets in Russia, Kyrgyzstan, Slovakia, Mali and Ghana.



#### **Corporate Presentation**

# **World Copper**

**Winter 2022** 

# **AGENDA**

- 1. World Copper Introduction
- 2. Copper Outlook: Supply Crunch And Growing Demand
- 3. World Copper Chile: Escalones and Cristal
- 4. World Copper Arizona: Zonia
- 5. Community Relations

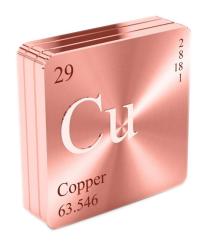


## Why

# Copper



75% of copper demand is for conducting electricity.

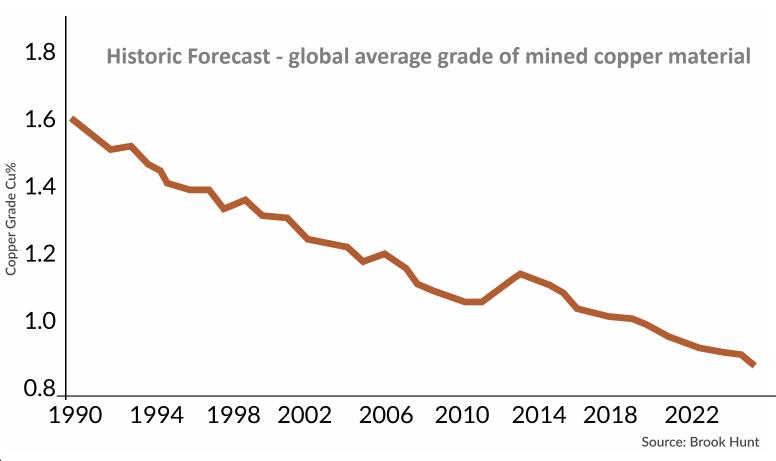


- 50% of final energy will be delivered using copper by 2040, leading to a doubling of global copper demand.
- Over **20 Blbs** of additional copper supply will be required in 2040 just to meet the copper demand for electric vehicles.
- Although \$17 B was spent on exploration 1990-2017, there have been few new discoveries.



#### **Difficult to Maintain**

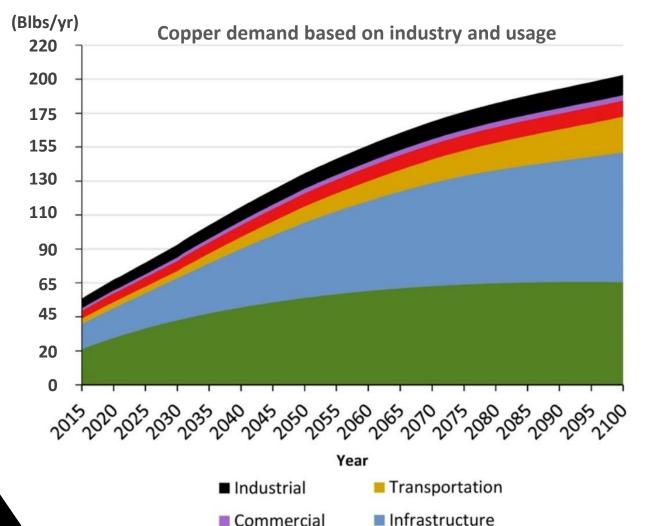
# Production



- The average grade mined by the top 15 producers has decreased from 1.20% to 0.72%
   Cu in this decade.
- In 2007 Escondida's (world largest copper mine) copper grade was **1.72%**, and now its remaining grade is a mere **0.52%**.
- Worldwide average reserve grades have fallen to 0.40% Cu, and what was once considered low-grade is now considered average.
- The copper industry needs to spend upwards of \$100 B to close what could be an annual supply deficit of 12.5 Blbs by 2030.
- Over 200 copper mines are expected to run out of ore before 2035.
- In Chile, copper grades have declined about25% in the past 10 years to 0.67% CuT in 2019



# **Future Demand**



Consumer

Buildings

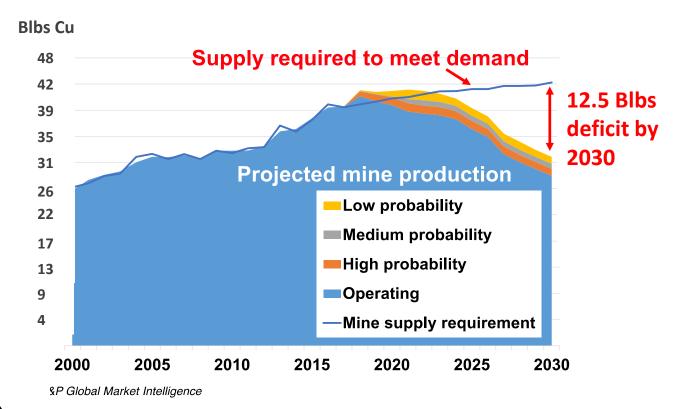
- Accelerated demand for copper is fuelled predominantly by urbanization, world population growth and electrification.
- By 2050, the demand for copper could reach 130 Blbs per year, which is 2x the current demand.
- As older producing copper mines continue to deplete their resources, there are few new copper discoveries.
- It is difficult to see how the world will replace the current production - let alone meet anticipated demand.
- Goldman Sachs argues that this new era could herald a structural bull market comparable to the 2000s and that commodities are the best inflation hedge.



### **The Coming**

# **Copper Crunch**

Not enough copper is being discovered to meet future projected demand



- According to Goldman Sachs, Copper is the "new oil" and will be essential in order to create new clean infrastructure.
- As demand continues to increase copper could be priced at \$6.80 per lb by 2025 – a rise of 66% from current prices.
- New discoveries are scarce: **only 4 major discoveries** in the last 10 years and just 1 in the last 5.
- In the last decade \$ 50 B was spent on exploration & development, and only 225 Blbs of copper in new discoveries was found in that period (more copper was found in 1991 alone)
- 45% of global supply comes from politically unstable and mining unfriendly jurisdictions



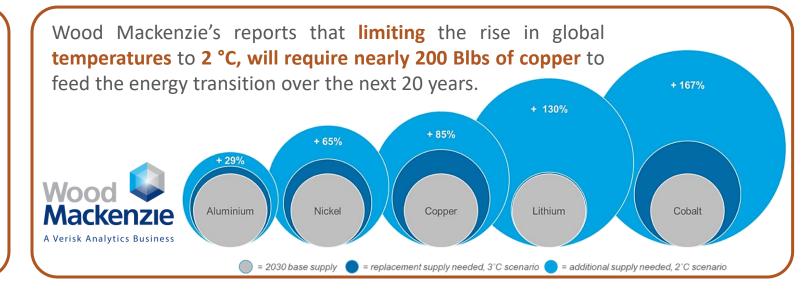
### Copper's Critical Role in the Future of

# **Clean Energy**

- The shift to a clean energy system is set to drive a huge increase in the requirements for copper. Clean energy technologies are becoming the fastest-growing segment of demand directly affecting copper.
- Climate scientists have made it clear that greenhouse gas emissions must be reduced drastically by 2050 to stave off catastrophic levels of global warming. To do so, the rate of transition to carbon-free technology alternatives is increasing exponentially.
- Technology that will need to be deployed for this transition includes wind turbines, solar panels, EV batteries and large-scale energy storage, of which copper is a critical component.

Keeping pace with the 2050 emissions reduction goal could increase demand for critical minerals, by as much as six-fold by 2040.







# Copper in Wind and Solar Power Generation Copper content

(M lbs Cu) Copper use for wind and solar power generation Copper content per megawatt of power produced 4,101 **Annual capacity** 400k MW 2,976 **SOLAR** 11 k lbs of Cu per MW **300k MW SOLAR PV** 1,915 1,394 **200k MW** 9.5 k lbs of Cu per MW **ONSHORE WIND** 1.397 **ONSHORE WIND** 952 100k 996 592 **OFFSHORE WIND** 127 21 k lbs of Cu per MW **OFFSHORE WIND 0 MW** 

14

Source: www.visualcapitalist.com

2020

#### **Increasing Demand Not Only From**

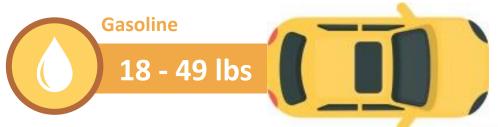
# **Emerging Economies**

Each generation of car needs more copper wiring.

Copper is essential for green energy and a sustainable future.



- By 2027 copper demand for Electric Vehicles will rise by 900% ICA
- Each generation of car needs more copper wiring.
- Significant new copper-based infrastructure will be needed to support electric cars (such as charging station)
- In 20 years, Bloomberg estimates that copper miners need to double the amount of global copper production (adding additional 44 Blbs), just to meet the demand for a 30% penetration rate of electric vehicles.



Hybrid

85 - 132 lbs

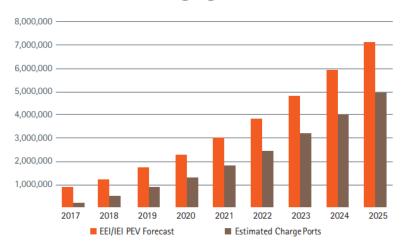


Electric

183 lbs



### PEV Stock and Charging Infrastructure Needed





# **World Copper**

**Winter 2022** 

# **AGENDA**

- 1. World Copper Introduction
- 2. Copper Outlook: Supply Crunch And Growing Demand
- 3. World Copper Chile: Escalones and Cristal
- 4. World Copper Arizona: Zonia
- 5. Community Relations



# Why Chile

- 1
- 23% of global copper reserves are located in Chile.

- 2
- **28%** of global production comes from Chile.
- Chile is a stable and mining-friendly jurisdiction, where mining makesup 15% of the national GDP and 60% of exports.
- 4
- 8 out of the 10 largest copper companies operate mines in Chile.





18

The Company's

# **Projects in Chile**

Chile: **the Premier Copper Country** - Ranked **#1 globally** for total copper reserves / resources with a **pro-business & pro-mining culture.** 



# Cristal

- Potential large-scale copper porphyry
- Staged option schedule over several years to earn 100%
- Previous BHP work has set drill targets
- Recent discovery at adjacent property

# **Escalones**

- Exceptional Economics Backed by a PEA Study
- Copper- gold porphyry-skarn project
- Large expansion potential
- Excellent infrastructure, near Santiago
- 100% ownership



### **Highlights**

# **Escalones**

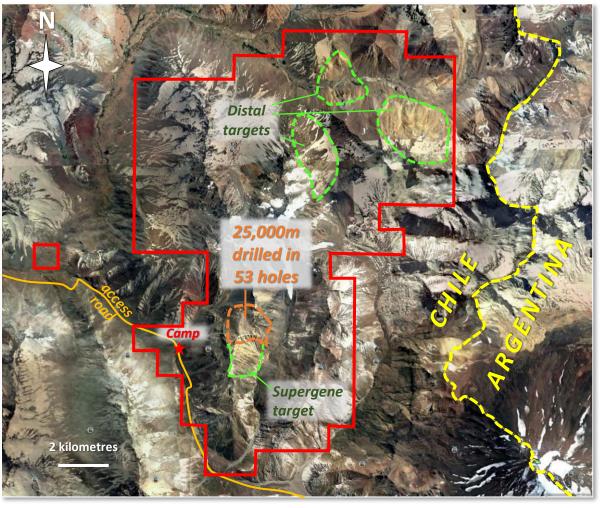
- Feb. 2022 PEA Results: Post-Tax \$1.5B NPV<sub>8</sub> and 46.2% IRR at \$3.60 / lb long-term copper price
- Located **100** km southeast of Santiago and near Chile's West Fissure, a continental-scale structure along which most of the country's Cu-Mo porphyries occur.
- 35 km east of El Teniente, the world's largest underground copper mine, and is same age (Miocene) as Teniente, Los Bronces and other deposits in the belt.
- Infrastructure in place including road access, power nearby, proximity to major seaports and a gas pipeline crossing the property.
- Established **exploration camp facilities** at 2,400 m elevation; majority of drilling has occurred at 3,200 m to 4,000 m elevation.
- Main porphyry has **24,939m drilled in 53 core holes**, most recently in 2012-2013 (9070m).
- Copper porphyry mineralization primarily occurs as an oxidized supergene blanket with flanking skarn.





# **Claims & Exploration**

- Total land Package: **16,189 hectares**, 100% owned: **4,689 Ha exploitation** concessions through a lease with option to purchase.
- In February 2017, 6,800 ha of exploration concessions were added to the north of the existing (pre-drilling) Escalones Porphyry-Skarn property.
- > Potential exists to discover new copper-gold porphyries and associated skarns in the northern part of the trend.











# Escalones - 426 Mt of Copper Oxide Inferred Resources

- In 2020, World Copper recognized that the enriched **mineralization** is significantly oxidized, rendering it mostly acid-soluble and potentially **amenable to cost-effective heap-leach copper production**
- In mid-2021 the resource estimate was redone, with more appropriate modeling and estimation techniques constrained to the oxidized supergene mineralization within a pit shell
- Whittle \$3.50 Cu Optimized Pit Parameters:

Internal cut-off @	\$/lb Cu	\$ 3.50
Processing	\$/ore tonne	\$5.00
G&A + Taxes	\$/ore tonne	\$1.50
Cu Recoveries	Acid+ CN Sol.	71%
Royalties	gross	2.0%
Refining & Shipping cost	per/lb	\$0.25
Total cost	\$/ore tonne	\$6.50
Cu Selling Price	\$US/lbs	\$2.45
CuT Cutoff Grade		0.13%

#### **Resource Estimate Statement**

Hard Rock Consulting LLC. August 2021

CLASS	Density	Tonnes	Metal Content				
	tonne/m³	(X1000)	Total Cu %	x1000 lb Cu			
Inferred	2.69	426,198	0.367	3,446,982			

WORLD COPPER LTD.

#### **Resource Sensitivity Within 2021 Resource Pit**

Cut-Off		Inferred							
Grade	Strin	Tonnes	Copper	Contained Copper					
(/5 55.)		(x '000)	(%)	(M lbs)					
0.10	0.77	463,472	0.347	3,541					
0.13	0.93	426,198	0.367	3,447					
0.15	0.99	412,643	0.374	3,405					
0.20	1.21	371,385	0.396	3,245					
0.25	1.63	312,692	0.428	2,952					

Mineral resources that are not mineral reserves do not have demonstrated economic viability. Inferred mineral resources are that part of the mineral resource for which quantity and grade or quality are estimated on the basis of limited geologic evidence and sampling, which is sufficient to imply but not verify grade or quality continuity. Inferred mineral resources may not be converted to mineral reserves. It is reasonably expected, though not guaranteed, that the majority of Inferred mineral resources could be upgraded to Indicated mineral resources with continued exploration. Mineral resources are captured within an optimized pit shell and meet the test of reasonable prospects for economic extraction

# Heap Leach Copper Oxide vs. Sulphide Flotation

What's the difference?

## **OXIDE HEAP LEACH**

✓ ECONOMIC

✓ SIMPLE

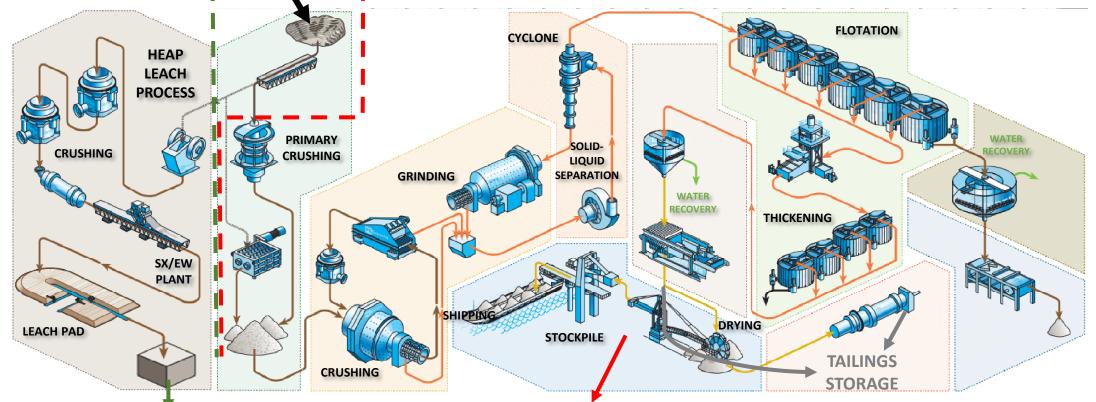
✓ CLEAN

### **OPEN PIT**

if within oxidized rock, little to no acid rock drainage

## **SULPHIDE FLOTATION**

- COMPLICATED PROCESSING
- END PRODUCT REQUIRES FURTHER PROCESSING
- PRODUCES MINE TAILINGS



https://www.911metallurgist.com

CATHODE:

99.9% copper: clean, compact, economic transport

#### **COPPER CONCENTRATE:**

30% copper, is high volume, tricky to transport, requires smelting (cuts into profits, polluting)



### **A Company Builder**

# **Escalones**

Preliminary Economic Assessment – February 2022
Base case \$3.50/lb Cu designed pit shell; \$3.60/lb Cu price

- Post-tax NPV<sub>8</sub> of \$1499.6M, 46.2% IRR with a 2.2-year payback of initial capital
- Cumulative Net Cash Flow Post-taxes of \$3,725.4 million
- Initial Capital of only \$438.4 million, 3.44X NPV/CAPEX Ratio
- \$8,416 / t Capital Intensity Ratio (CAPEX/Cu Annual Tonnes)
- \$1.19 / lb C1 (Cash Costs)
- Low strip ratio of 1.12:1 waste to mineralized material in base case.

Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability. There is no certainty that all or any part of the Mineral Resources will be converted into Mineral Reserves. Inferred resources are that part of a Mineral Resource for which quantity and grade or quality are estimated on the basis of limited geological evidence and sampling. Geological evidence is sufficient to imply but not verify geological and grade or quality continuity. It is reasonably expected that the majority of Inferred Mineral Resources could be upgraded to Indicated Mineral Resources with continued exploration.

Production Profile/Economics								
Total Tonnes Leached	365 M							
Head Grade	0.38% Cu							
Mine Life	20.1 years							
Payback Period	2.2 years							
Mill throughput	50,000 tpd							
Copper Recovery Overall (oxide)	72.5%							
Total Copper Recovered	2246.1 M lbs / 1,018 kt							
Average Annual Production (LOM)	114.9 M lbs / 52 kt							
After-Tax $NPV_8$ \$3.60 Cu (base case) / IRR	\$1499.6 M / 46.2%							
Average Annual Free Cash Flow (LOM)	\$183.9 M							
After-Tax NPV <sub>8</sub> , \$4.00 Cu / IRR	\$1822.4 M / 53.6%							
Average Annual Free Cash Flow (LOM)	\$214.6 M							

Operating Costs						
Mining / Processing / G&A	\$1.19/lb of copper					
Capital Requirements						
Initial Capital	\$438.4 M					

The PEA is preliminary in nature and includes inferred mineral resources that are too speculative geologically to have economic considerations applied to them that would enable them to be categorized as mineral reserves. There is no certainty that PEA results will be realized. Mineral resources are not mineral reserves and do not have demonstrated economic viability. Sensitivities are provided in the PEA results

**Sustaining Capital** 

\$192.5 M

#### Financially competitive to its peers

# Key Parameters of Escalones and Other Projects in Development

Project Name	Owner	Stage	e Country	Main Processing method	M+I g Resources (Mt)	Grade Cu (%)	Inferred Resources (Mt)	Grade Cu (%)			Payback period (yrs)	Initial CAPEX (M\$)	C1 (\$/lb Cu)	LOM (yrs)	nroduction	Рге-тах	Processing capacity (tpd)	- SCAPEX/
SOUTH AMERICA																		
Antilla	Heeney Capital	PEA	Peru	SX-EW	292	0.34%	% 901	0.26%	6 2,706	520	0 2.60	250	0.63	1	18 21,861	1 34.7%	6 20,000	0 11,454
Filo Del Sol	Filo Mining Corp	PFS	Chile	SX-EW	425	0.33%	% 175	0.27%	6 4,135	1,860	0 3.40	1,266	56 1.23	1	14 67,000	0 23.0%	60,000	0 18,896
Taca Taca	First Quantum	PEA	Argentina	Flotation	2,203	0.43%	% 717	0.31%	6 25,787	3,429	9.00	3,583	33 0.52	3	32 205,000	0 17.4%	6 180,000	0 17,478
Josemaria	Josemaria Resources	FS	Argentina	Flotation	1,066	0.31%	% 404	0.24%	6 9,423	3 2,910	0 3.40	2,760	50 1.26	2	20 123,000	0 21.4%	6 150,000	0 22,439
Los Azules	McEwen Mining	PEA	Argentina	Flotation	962	0.48%	% 2,666	0.33%	6 29,576		3.60	2,641	1.28	3	36 153,000	0 20.1%	6 120,000	0 17,261
Los Helados	NGEX Resources	PEA	Chile	Flotation	2,099	0.38%	% 827	0.32%	6 23,419	923	ś	4,300	00 1.10	2	27 110,000	0 10.8%	6 130,000	0 39,091
Marimaca	Marimaca	PEA	Chile	SX-EW	70	0.60%	% 43	0.52%	6 1,423	3 757	7 2.60	285	35 1.22	1	12 35,650	0 39.5%	6 25,000	7,986
Santo Domingo	Capstone	FS	Chile	Flotation	537	0.30%	% 48	0.19%	6 3,753	2,558	8 3.20	1,512	1.02	. 1	18 208,766	6 28.1%	65,000	0 7,243
Vizcachitas	Los Andes	PEA	Chile	Flotation	1,284	0.40%	% 789	0.34%	6 17,071	2,596	6 3.00	1,875	75 1.58	۵	45 111,000	0 24.7%	6 110,000	0 16,890
Zafranal	Teck / Mitsubishi	PFS	Peru	Flotation	467	0.38%	% 21	0.24%	6 4,028		5.10	1,157	57 1.36	1	19 76,000	0 15.9%	6 55,000	0 15,224
Productora	Hot Chili Resources	PEA	Chile	Flotation	237	0.48%	ó		2,504	360	0 3.90	725	25 1.47	1	11 63,000	0 18.0%	40,000	0 11,508
Quebrada Blanca II	Teck	FS	Chile	Flotation	1,324	0.38%	ó		25,248		4.30	4,714	1.64	7	25 238,000	0 11.7%	6 140,000	0 19,807
																		<u> </u>
Escalones @ 3.00 \$/lb Cu	World Copper Ltd	PEA	Chile	SX-EW			426	0.37%	6 3,447			438.4	.4 1.19	1	20 52,089		50,000	0 8,416
Escalones @ 3.60 \$/lb Cu										2,279	9 2.18					63.90%		1
CANADA																		
Afton-Ajax	KGHM International	FS	Canada	Flotation	568	3 0.26%	% 29.0	0.13%	6 3,339	9 430	0 6.7	1,307	07 1.32	. 1	18 57,800	0 13.4%	65,000	0 22,612
North Island	Northisle Copper	PEA	Canada	Flotation	305	0.24%	% 188.6	0.19%	6 2,405		5.1	1,008	/8	7	22 38,753	3 14.3%	6 75,000	0 26,015
Schaft Creek	Teck Resources	PEA	Canada	Flotation	1,293	0.26%	6		7,413	3 498	8 6.5	3,159	59 1.12	. 7	21 232,143	3 10.1%	6 130,000	0 13,609
Spectrum	Skeena Resources	PEA	Canada	Flotation	246	0.24%	% 58.1	0.14%	6 1,482	410	0 4.2	162	52 1.03	, 7	25 18,125	5 26.6%	6 30,000	0 8,938

Peer group of economically studied projects from the last 10 years. Data taken from latest publicly available 43-101 study.

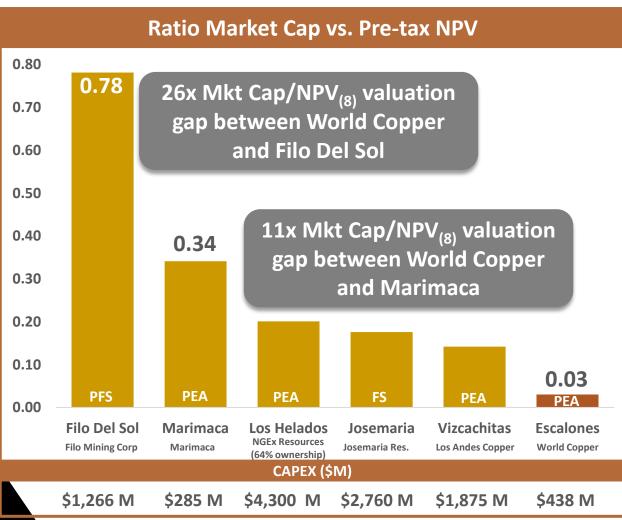
Mineral resources that are not mineral reserves do not have demonstrated economic viability. Inferred mineral resources are that part of the mineral resource for which quantity and grade or quality are estimated on the basis of limited geologic evidence and sampling, which is sufficient to imply but not verify grade or quality continuity. Inferred mineral resources may not be converted to mineral reserves. It is reasonably expected, though not guaranteed, that the majority of Inferred mineral resources could be upgraded to Indicated mineral resources with continued exploration. Mineral resources are captured within an optimized pit shell and meet the test of reasonable prospects for economic extraction

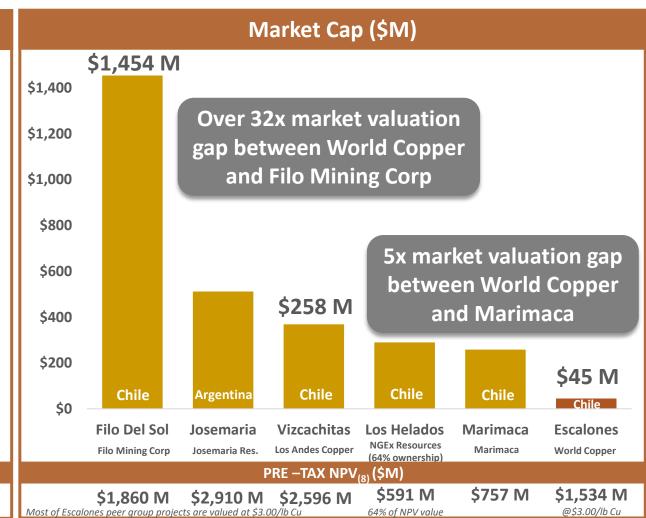


Market valuation gap of Escalones:

# Market Capitalization and Price vs. NPV<sub>(8)</sub> Ratio

Compared to a selected peer group of listed, single main asset companies (at PEA, PFS or FS stage in South America)





Market Capitalizations as of 16.03.2022

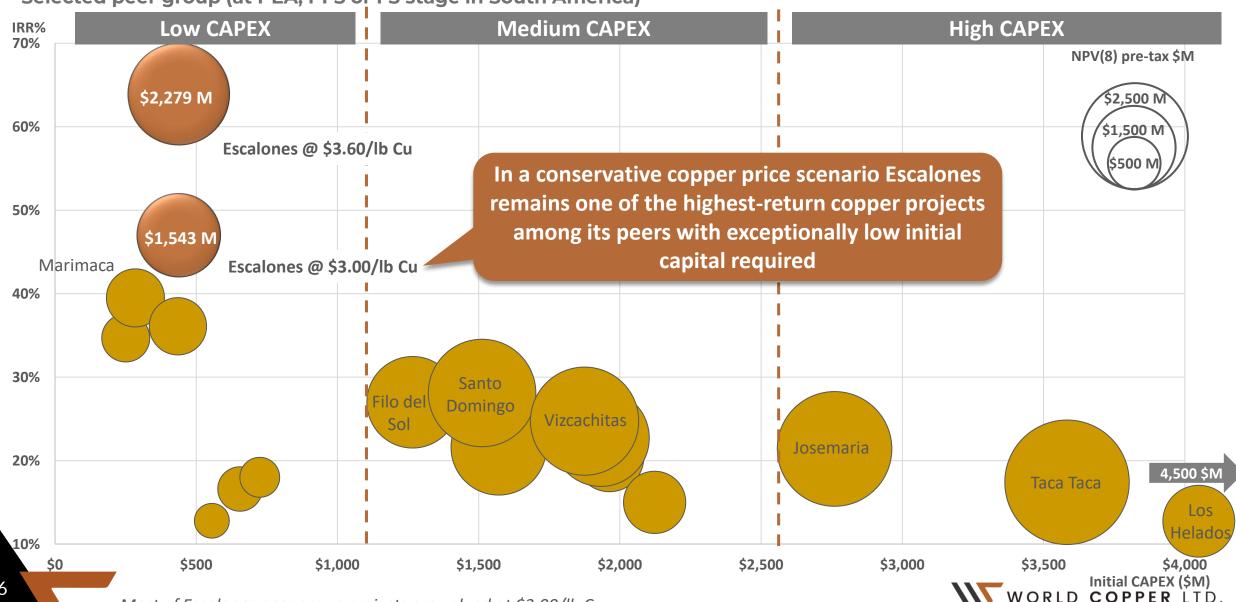
World Copper is significantly undervalued compared to its peers in Latin America and has a high potential to close this valuation gap



#### **Outstanding returns**

# Initial Capital, Pre-Tax IRR and NPV<sub>(8)</sub>

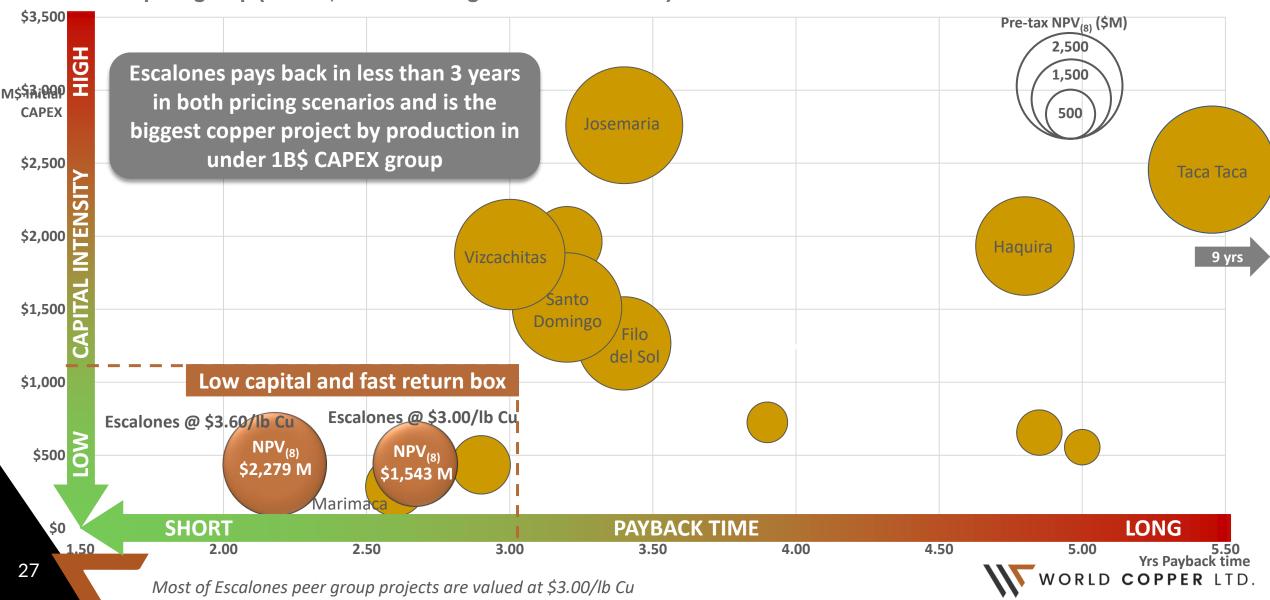
Selected peer group (at PEA, PFS or FS stage in South America)



#### **Fast returns**

# Payback Time, Initial Capex and Pre-Tax NPV<sub>(8)</sub>

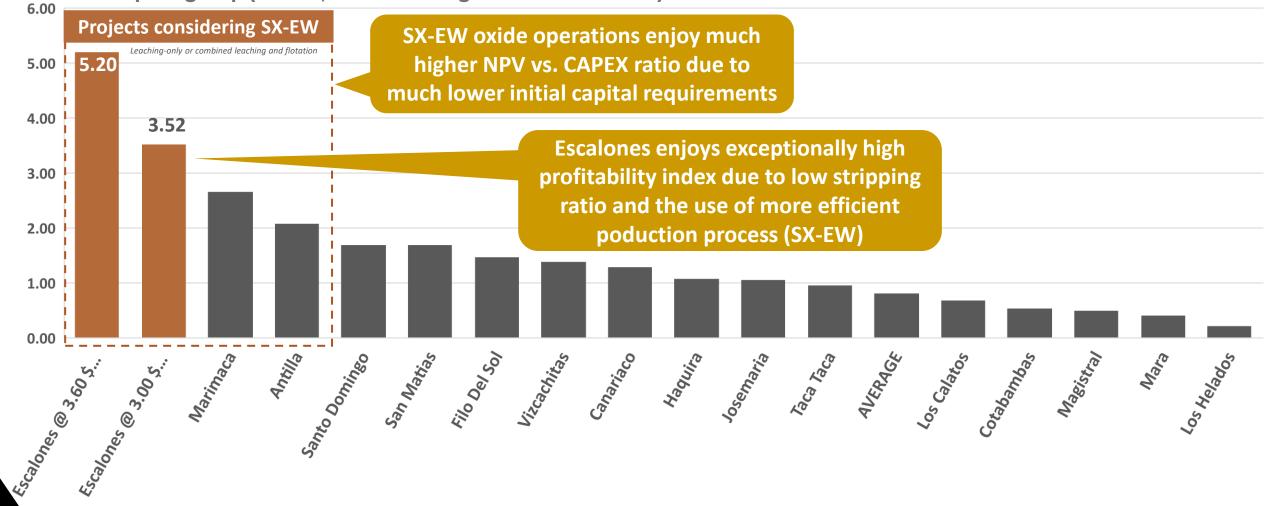
Selected peer group (at PEA, PFS or FS stage in South America)



#### Financially competitive to its peers

# Profitability index (Pre-Tax NPV<sub>(8)</sub> vs. Initial CAPEX)

Selected peer group (at PEA, PFS or FS stage in South America)





#### **Escalones compared to its peers**

# **Infrastructure Advantage**

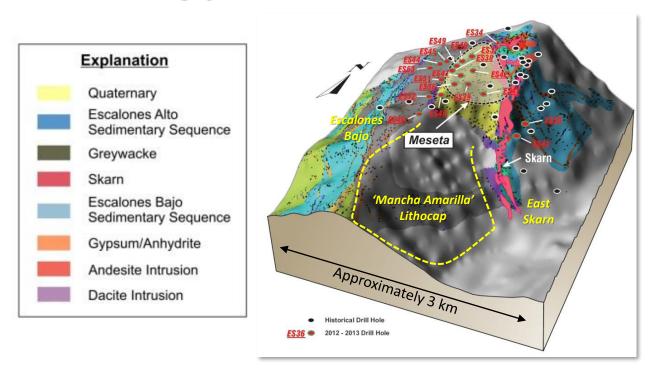
**Operating Conditions of Selected Projects Compared to Escalones** 

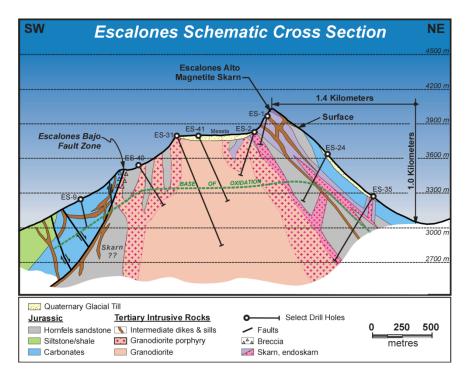
Project	Escalones	Los Azules	Filo Del Sol	Josemaria	Vizcachitas
Stage	PEA	PEA	PFS	FS	PEA
Altitude (Pit)	3,700	4,100	5,300	4,500	3,000
Altitude (Camp)	2,400	3,300	4,000	4,000	1,950
Road Access	60 km gravel	120 km gravel	240 km gravel	244 km gravel	24 km gravel
Power Access	50 km	118 km	127 km	252 km	105 km
Distance to Port	175 km	245 km	240 km	343 km	160 km
	*				

The PEA is preliminary in nature and includes inferred mineral resources that are too speculative geologically to have economic considerations applied to them that would enable them to be categorized as mineral reserves. There is no certainty that PEA results will be realized. Mineral resources are not mineral reserves and do not have demonstrated economic viability. Sensitivities are provided in the PEA results.



# **Geology & Mineralization**

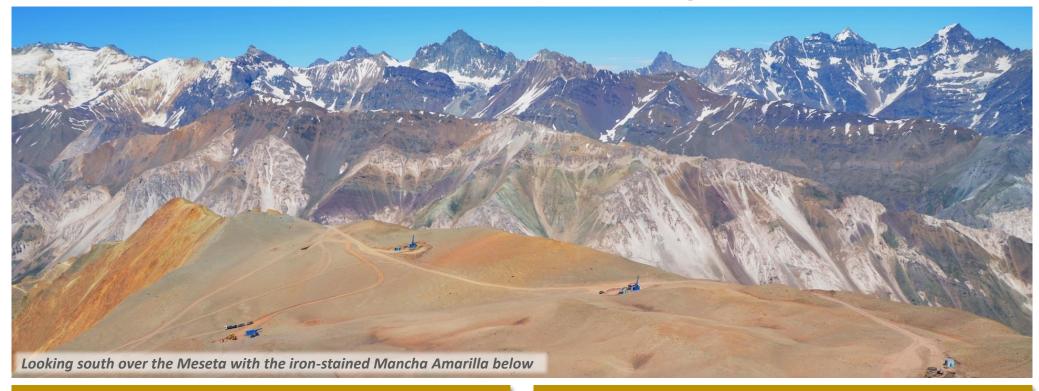




- 2 km x 1.6 km porphyry copper system with flanking high-grade copper skarn
- Mineralization is centered under a high-standing ridge: ideal for low strip ratio.
- Higher-grade mineralization is deeply oxidized and at or near surface: ideal for open-pit mining.
- Half of the lithocap remains untested by drilling: the "Mancha Amarilla".



# **Exploration Potential: Two Objectives**



#### **Increase Grade and Tonnage of Resource Estimate**

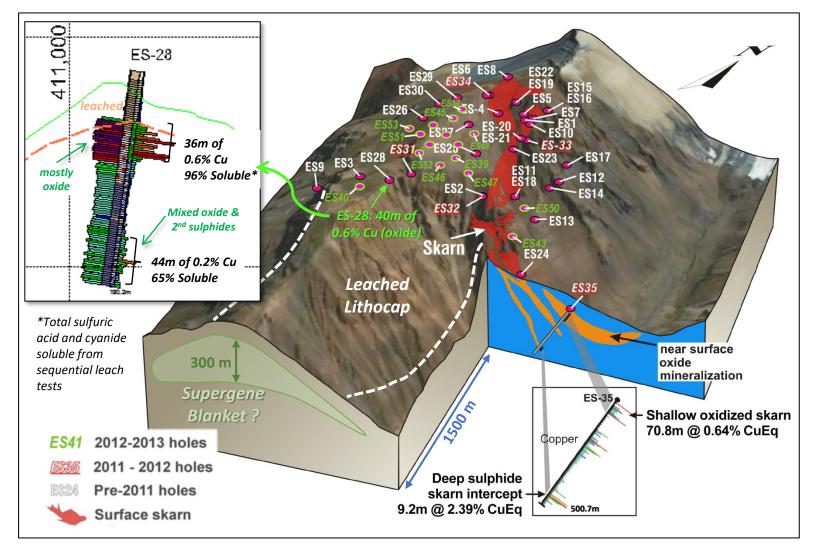
- Only about half of the main Escalones colour anomaly (lithocap) has been drilled.
- Excellent potential for significant supergene acid-soluble mineralization south of current resource estimate.
- Potential for high-grade skarn extensions along flanks on west and east sides.

#### **Test Distal Porphyry & Skarn Targets**

• Three large outlying targets to the north, two confirmed by surface sampling and mapping as porphyry-style and the third is skarn.



# **Expansion Targets: South Supergene & Skarns**



#### **Escalones Advancement**

## **The Path Forward**

Drilling Mancha
Amarilla to Enlarge the
Escalones Oxide
Resource (2022)

Drilling Rio Negro
to Understand the
Footprint of the
Escalones
Mineralization
2022/2023

Infill Drill program of Escalones 2023/2024 Permitting
(Environmental
Impact
Assessment)

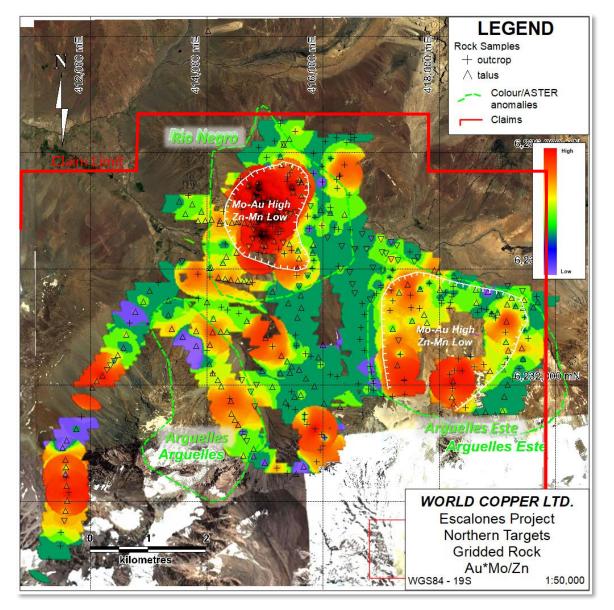
PFS / FS 2024



### **Escalones Expansion**

# **Northern Targets**

- Ridges and spurs were covered with roughly 200m spaced character samples: rock chips collected over 4m diameter area
- Even coverage with unbiased samples allows for fingerprinting of porphyry-style mineralization
- Porphyry centres have elevated Mo-Au±Cu and depressed Zn-Mn: a ratio of the two metal groups distinguishes porphyry centres from other spurious mineralization (e.g., vein sets)
- Rio Negro and Arguelles Este confirmed as porphyry centres, Arguelles is an extensive skarn system



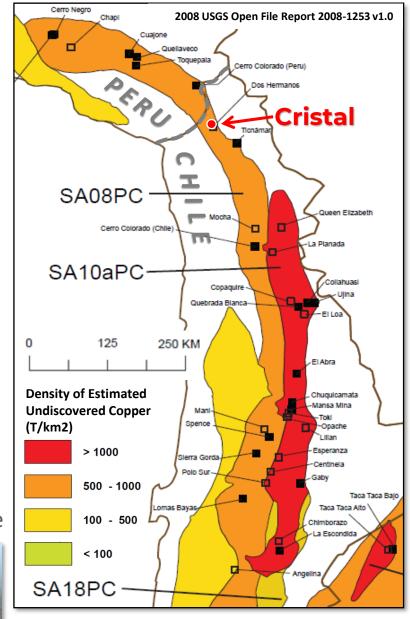


### **Porphyry Target**

# **Cristal**

- The 9 km² of concessions are located close to the port city of Arica in northern Chile, adjacent to the Peruvian border, on public land with excellent infrastructure access
- Prior exploration work was carried out in the area during the 1990s by various companies targeting a large porphyry copper deposit.
- Airborne magnetics, gravity and EM studies, along with limited drilling are suggestive of a buried porphyry copper deposit.
- World Copper plans to follow up on this initial exploration work, focusing on a large **geophysical anomaly**
- The Project is currently **surrounded** by large land positions held by several **senior copper producers**.

World Copper proposes an **initial drill program of 4-6 holes**, each 500-1000 metres long, to test the target. Total budget for this program is estimated to be between U\$1 to 1.5 M.

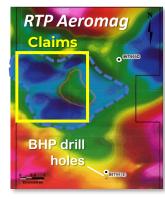




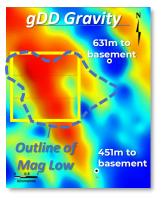
### **Porphyry Target**

# **Cristal**

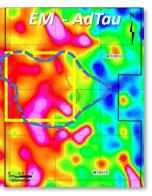
BHP conducted airborne magnetics, gravity, and EM studies, followed by limited drilling between 2012 and 2014.



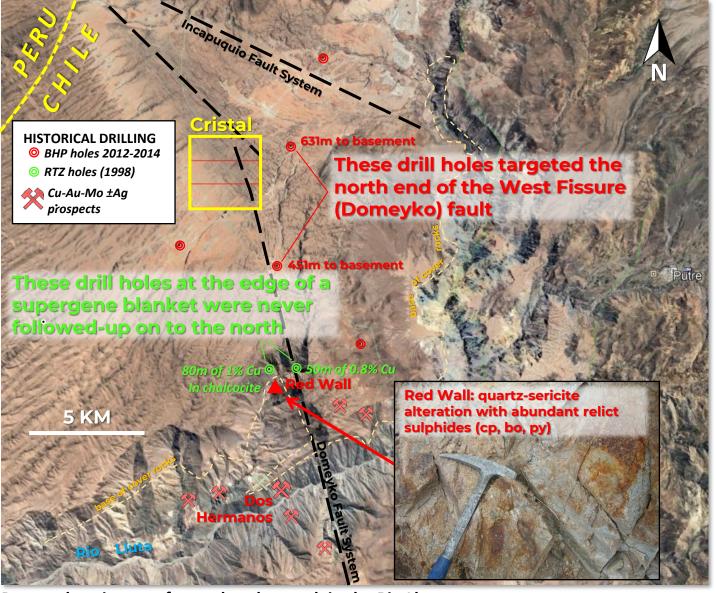
BHP aeromag identified a 2-3km diameter circular doughnut feature: a typical signature of porphyry copper deposits.



A coincident northwest trending gravity high could represent a buried ridge within a potential porphyry copper system. A ridge would mean shallower cover and therefore shorter drill holes.



Within the buried ridge, the high EM signature could indicate clay alteration with possible related sulphides: ideally, a supergene blanket with high Cu grades.



Past exploration was focused to the south in the Rio Lluta valley, eroded through the post-mineral volcanic cover.



#### **Corporate Presentation**

# **World Copper**

**Winter 2022** 

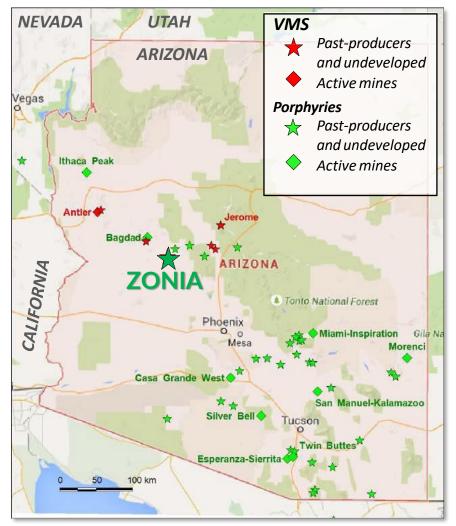
### **AGENDA**

- 1. World Copper Introduction
- 2. Copper Outlook: Supply Crunch And Growing Demand
- 3. World Copper Chile: Escalones and Cristal
- 4. World Copper Arizona: Zonia
- 5. Community Relations



# **Zonia Copper-Oxide Deposit**

- Advanced and undervalued project located in Yavapai County, central Arizona, 100 miles NW of Phoenix.
- Over **50,000 meters of drilling** in almost 600 drill holes, plus 800m of underground sampling, define a near-surface copper-oxide resource
- Large 4,280-acre property with excellent potential for more discoveries: a drill-ready, additional copper-porphyry target has been defined adjacent to the known deposit
- Easy access, good infrastructure including a 67kV line starting at a recently upgraded substation 7.5km from the mine entrance; sufficient groundwater available on site to support operations
- Permitting Advantage: resource and Phase I 2018 PEA production are contained within 100%-owned private land.



**Zonia Project Location** 



# **Zonia Mine Site – Porphyry Target**



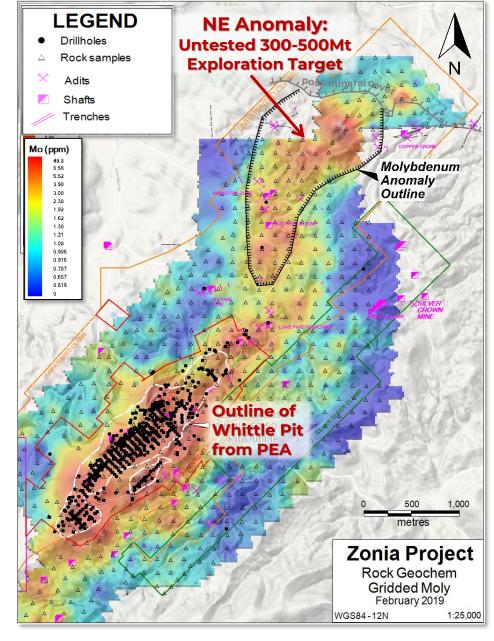


### **Ready for Development**

# **Zonia's Strengths**

Phase 1 2018 PEA Resource & New Porphyry Target

- Extensive 150-metre spaced rock sample grid generated a large, coherent anomaly northeast of drilldefined mineralization
- Defined by coincident elevated Mo, Cu & Au, with depressed Mn and Zn: 'textbook' porphyry Cu footprint
- Untested drill target measures 1500 X 2000 metres and probably continues under cover to the north
- Same host rock as main deposit (quartz monzonite porphyry), but less foliated
- Permit applications filed for a 5000- metre programme on both BLM and Arizona state land





#### **Ready for Development**

## Zonia

Preliminary Economic Assessment – March 2018
Base case \$2.00/lb Cu designed pit shell; \$3.00/lb Cu price

- After-tax NPV 8% of \$192 M, 29% IRR with a 2.9-year payback of initial capital
- Cumulative Net Cash Flow After Taxes of \$331 million
- Measured and Indicated Resources of 77 M short tons grading 0.33% copper containing 510 M pounds of copper (0.2% copper cutoff grade).
- Inferred Resources of 27 M short tons grading 0.28% copper containing 154.6 M pounds of copper (0.2% copper cut-off grade).
- Low strip ratio of 1:1 waste to mineralized material in base case.

Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability. There is no certainty that all or any part of the Mineral Resources will be converted into Mineral Reserves. Inferred resources are that part of a Mineral Resource for which quantity and grade or quality are estimated on the basis of limited geological evidence and sampling. Geological evidence is sufficient to imply but not verify geological and grade or quality continuity. It is reasonably expected that the majority of Inferred Mineral Resources could be upgraded to Indicated Mineral Resources with continued exploration.

Production Profile/Economics	
Total Tons Leached	93 M
Head Grade	0.30% Cu
Mine Life	8.6 years
Payback Period	2.9 years
Mill throughput	30,000 tpd
Copper Recovery (oxide)	73%
Copper Recovery (transition)	70%
Total Copper Recovered	422 M lbs
Average Annual Production (LOM)	49 M lbs
After-Tax NPV 8%, \$3.00 Cu (base case)	\$192 M
After-Tax 1st Year FCF, \$3.00 Cu	\$100 M
After-Tax NPV 8%, \$4.00 Cu (spot)	\$447 M
After-Tax 1st Year FCF, \$4.00 Cu	\$149 M

Operating Costs		
Mining / Processing / G&A	\$1.46/lb of copper	
Capital Requirements		
Initial Capital	\$198 M	
Sustaining Capital	\$40.8 M	

The PEA is preliminary in nature and includes inferred mineral resources that are too speculative geologically to have economic considerations applied to them that would enable them to be categorized as mineral reserves. There is no certainty that PEA results will be realized. Mineral resources are not mineral reserves and do not have demonstrated economic viability. Spot Price economics are based off sensitivities provided in the PEA



#### **Zonia Advancement**

## **The Path Forward**





### Putting it all together:

### **World Copper Value Proposition**

To our shareholders

**ESCALONES** 

426 Mt @ 0.367% Cu in

\$1.8 B NPV<sub>(8)</sub> @ \$4.0 lb Cu

115 M lbs (52 kt) annual

Payback in 2.2 yrs (base case)

inferred resources

**Copper production** 

20 yrs LOM

# Three Outstanding Value Drivers

### **ZONIA**

- 77 M tons @ 0.33% Cu in M+I resources
  - \$447 M NPV<sub>(8)</sub> @ \$4.0 lb Cu
- 9 yrs LOM
- 49 M lbs (22 kt) annual Copper production
- Payback in 2.9 yrs (base case)

### **CRISTAL**

- Copper porphyry discovery potential
- Greenfield growth opportunity
- Highly attractive location
- Drill-ready targets on the properrty identified

4 B+ pounds of Copper in the ground

\$2.3 B in NPV<sub>(8)</sub>
Valuation After Tax
@ \$4.0/lb Cu

\$50 M Market Capitalization As of 26.03.2022

Diversified risk profile with strategically located assets

### Three Pillars of Growth in Safe And Stable Mining Jurisdictions

The PEA is preliminary in nature and includes inferred mineral resources that are too speculative geologically to have economic considerations applied to them that would enable them to be categorized as mineral reserves. There is no certainty that PEA results will be realized. Mineral resources are not mineral reserves and do not have demonstrated economic viability.

Mineral resources that are not mineral reserves do not have demonstrated economic viability. Inferred mineral resources are that part of the mineral resource for which quantity and grade or quality are estimated on the basis of limited geologic evidence and sampling, which is sufficient to imply but not verify grade or quality continuity. Inferred mineral resources may not be converted to mineral reserves. It is reasonably expected, though not guaranteed, that the majority of Inferred mineral resources could be upgraded to Indicated mineral resources with continued exploration. Mineral resources are captured within an optimized pit shell and meet the test of reasonable prospects for economic extraction



#### **Corporate Presentation**

# **World Copper**

**Winter 2022** 

### **AGENDA**

- 1. World Copper Introduction
- 2. Copper Outlook: Supply Crunch And Growing Demand
- 3. World Copper Chile: Escalones and Cristal
- 4. World Copper Arizona: Zonia
- **5. Community Relations**



# **Committed to Give Back to the Community**

TWO PILLARS OF OUR GOOD NEIGHBOUR PLEDGE

#### **EMERGENCY RESPONSE**

We are committed to help the community during hardship.

Our team has offered support during recent natural disasters in the area:

- Providing heavy equipment to remove the effects of natural disasters (flash-floods and mudslides)
- Equipment and tools donations to local emergency response units
- Members of our teams actively participating at affected sites, working hand-in-hand with members of the local communities

#### **SUPPORT FOR VULNERABLE GROUPS**

We are in a constant dialogue with the community leaders to provide a long-term support to the marginalized and vulnerable members of the communities:

- Roundtables and workshops with community leaders to understand and prioritize the needs of local residents
- Supporting the most vulnerable members of the community
- Renovations of local seniors' centers and clinics
- Providing free internet at community centers, as many households still have no access to broadband internet in the area

## **Committed to Giving Back to the Community**

In November 2021 our entire team worked with members of the San Gabriel seniors' club on long-overdue renovations





# **A Bright Future**

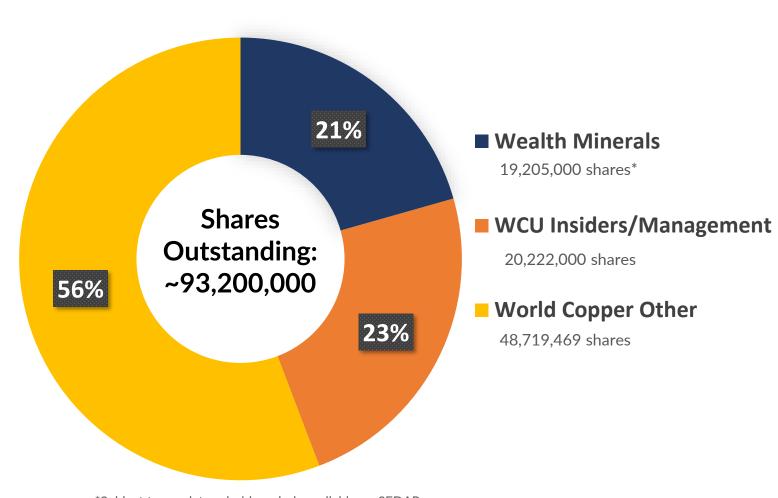
## The Next Base Metals Supercycle is Dawning

- A Supercycle is a "decades-long, above-trend movements in a wide range of base material prices" that is usually derived from a structural change in demand.
- The warning signs for this new Supercycle boom are all around us, with the effects of COVID-19, the green industrial revolution, USA's Paris Agreement return and China committing to carbon neutrality by 2060 there is a synchronized decarbonization push that "has the potential to create a capex cycle on par with the emerging markets-driven cycle of the 2000s".



### **World Copper**

## **Share Structure**



<sup>\*</sup>Subject to regulatory hold; periods available on SEDAR

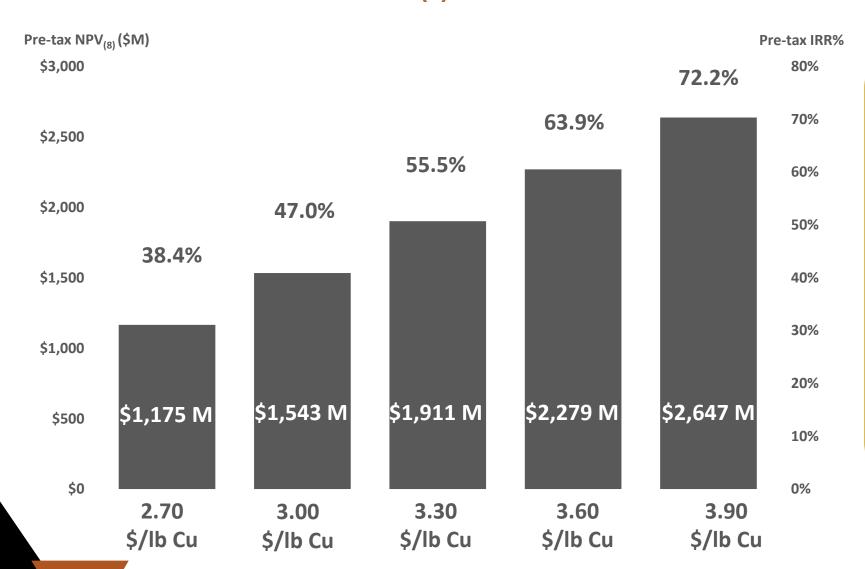


<sup>\*</sup>Subject to option agreements



### **A Company Builder**

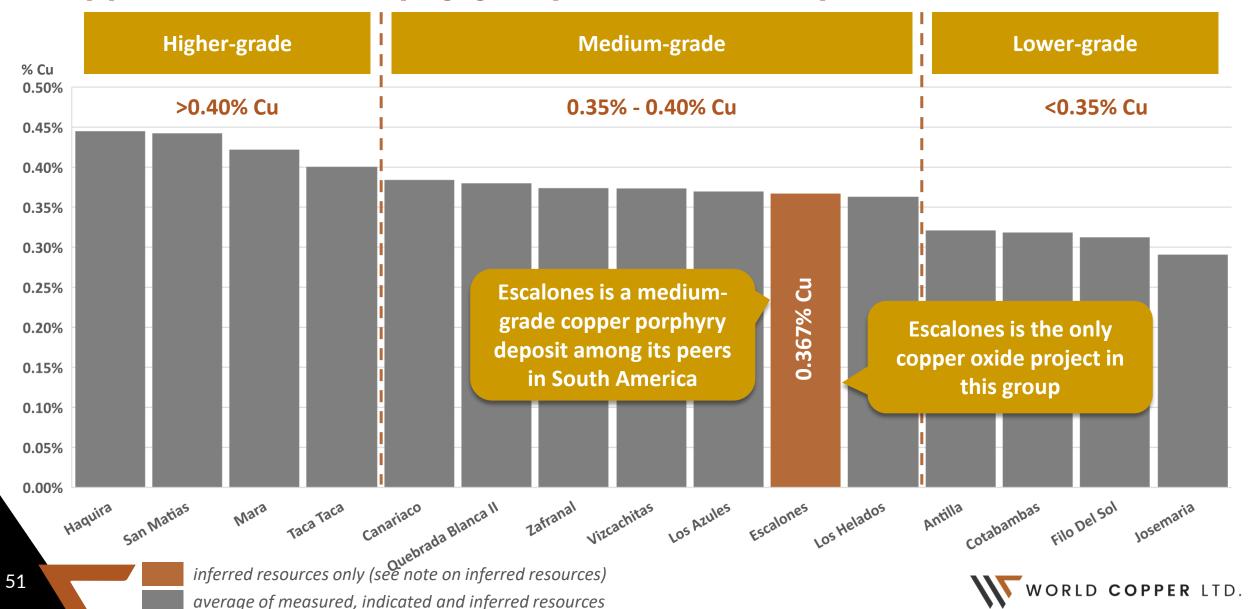
## Escalones Pre-Tax NPV<sub>(8)</sub> and IRR at Various Copper Prices



- Low initial capital cost, one of the lowest capital intensities in its peer group
- Low operating cost, positioning Escalones in the 2nd quartile of the cost curve
- Long life of mine of 22 years, much longer than typical SX-EW projects
- Conservative recovery
   assumptions, leaving significant
   upside potential
- Average annual production of
   52 kt Cu pa (115 M lbs Cu pa)

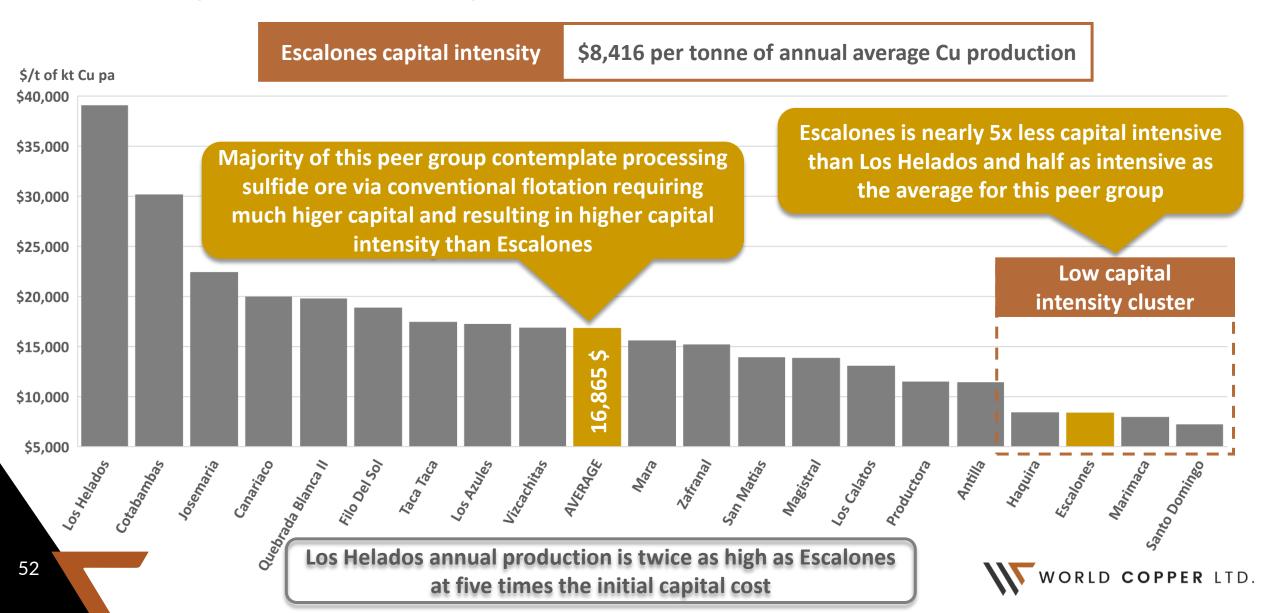


## **Copper Grades of Porphyry Deposits in Development**



## Low Initial Capital Intensity of Escalones (\$/t Cu produced annually)

Selected peer group (at PEA, PFS or FS stage in South America)



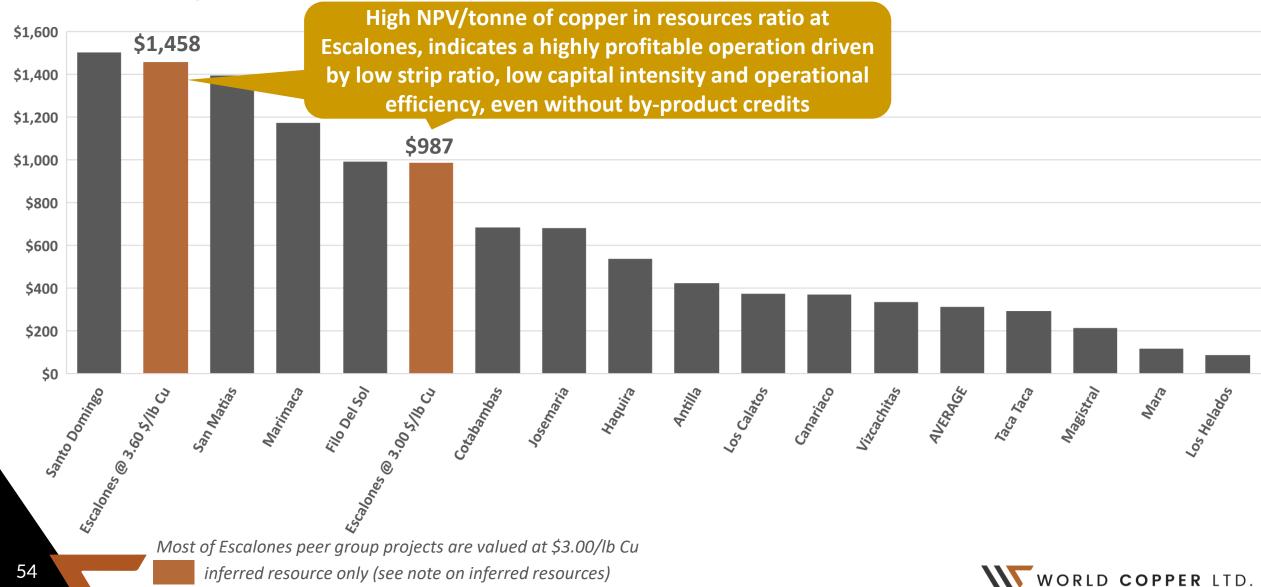
## **Production Cost, Life of Mine and Daily Throughput**

Selected peer group (at PEA, PFS or FS stage in South America) Short LOM <15 Long LOM 15-25 years **Ultra-Long LOM >25 years** \$1.80 Daily throughput: 45 yrs C1 cost \$/lb Cu QB II >100 \$1.60 50-100 bat **Vizcachitas** <50 tpd tpd \$1.40 Los Azules Filo del **Average C1 cost** Escalones \$1.20 Sol for this group \$1.19/lb Los Marimaca Helados Santo \$1.00 Domingo Escalones C1 cost of 1.19 \$/lb Cu will position the \$0.80 project in the 2<sup>nd</sup> quartile on the global cost curve and is below the average for its peer group Taca Taca \$0.60 15 20 25 35 Years in operation 10 30



## Pre-tax NPV<sub>(8)</sub> per tonne of copper in resources

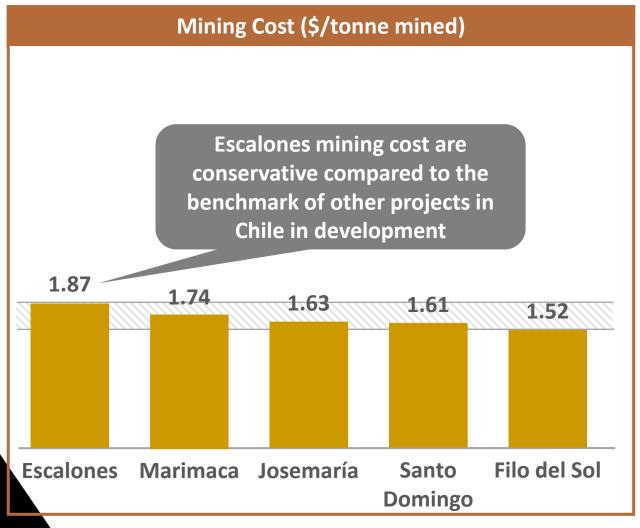
Selected peer group (at PEA, PFS or FS stage in South America)

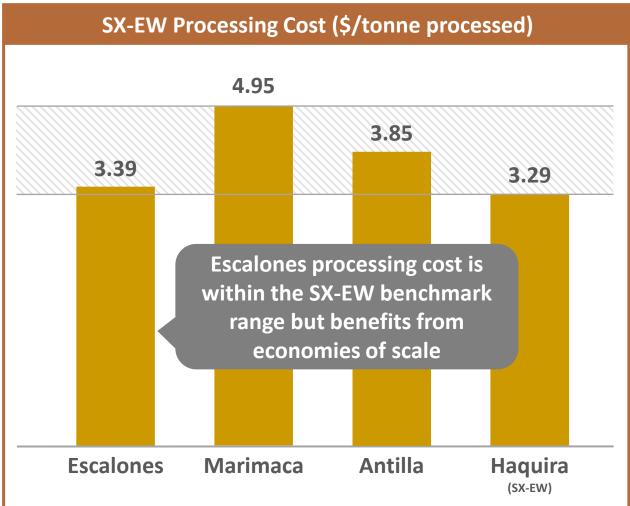


combined measured, indicated and inferred resource (see note on inferred resources)

### **Escalones Production Costs Benchmark**

**Compared to selected projects** 

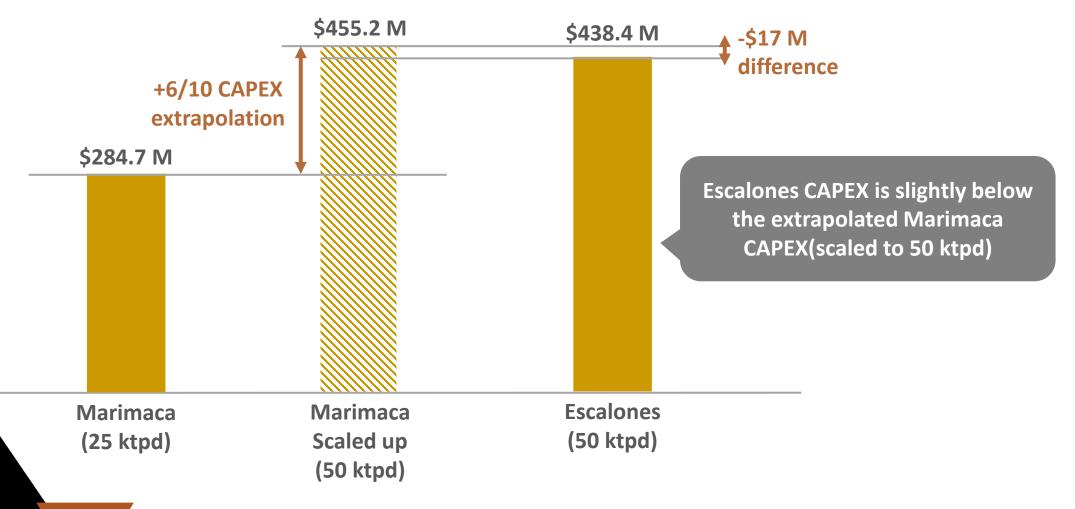






## **Escalones CAPEX Extrapolation comparison**

**Compared to similar SX-EW projects** 



## **Committed to Give Back to the Community**

