



LOS ANDES COPPER Ltd.

# ADVANCING CHILE'S NEXT MAJOR COPPER MINE

TSX-V: LA

Corporate Presentation – November, 2021

# DISCLAIMER

Certain of the information and statements contained in this presentation constitute “forward-looking information” within the meaning of applicable securities laws. Forward-looking information is often, but not always, identified by the use of words such as: “believe”, “expect”, “anticipate”, “intend”, “estimate”, “postulate” and similar expressions, or are those, which, by their nature, refer to future events. Forward-looking information in this presentation includes, without limitation, statements regarding the Vizcachitas project becoming Chile’s next major copper mine; the anticipated timing for completion of future milestones, such as the completion and filing of the Environmental Approval Package, the completion of a preliminary feasibility study and feasibility study, the initiation of project construction and the initiation of commercial production; the ability to achieve the recoveries and the processing capacity of the mines; regulatory processes and permitting; estimates of copper or other minerals grades; anticipated costs, anticipated sales, project economics, the realization of expansion and construction activities and the timing thereof; the demand for and supply of copper; production estimates and other statements that are not historical facts. Information concerning mineral resource estimates and the preliminary economic analysis are also forward-looking information in that they reflect a prediction of the mineralization that would be encountered, and the results of mining it, if a mineral deposit were developed and mined. Although the Company believes that such forward-looking information as set out in this presentation are reasonable, it can give no assurance that any expectations and estimates contained in the forward-looking information will prove to be correct. The Company cautions investors that any forward-looking information provided by the Company is not a guarantee of future results or performance, and that actual results may differ materially from those in forward-looking information as a result of various factors, including, but not limited to, the state of the financial markets for the Company’s equity securities; the state of the market for copper or other minerals that may be produced generally; significant increases in cost of any of the machinery, equipment or supplies required to develop and operate a mine; a significant change in the availability or cost of the labour force required to operate a mine; a significant increase in the cost of transportation for the Company’s products; variations in the nature, quality and quantity of any mineral deposits that may be located; the Company’s ability to obtain any necessary permits, consents or authorizations required for its activities; the Company’s ability to raise the necessary capital or to be fully able to implement its business strategies; the evolving legal and political policies of Chile; the volatility in the Chilean economy, military unrest or terrorist actions; industrial or environmental accidents; availability and cost of insurance; currency fluctuations; and other risks and uncertainties associated with the exploration and development of mineral properties. The reader is referred to the Company’s public filings for a more complete discussion of such risk factors and their potential effects which may be accessed through the Company’s profile on SEDAR at [www.sedar.com](http://www.sedar.com). Except as required under applicable securities legislation, the Company undertakes no obligation to publicly update or revise forward-looking information.

The scientific and technical content of this presentation was reviewed, verified and approved by Antony Amberg CGeol (CEO), a Qualified Person as defined by Canadian Securities Administrators National Instrument 43-101 “Standards of Disclosure for Mineral Projects”.

## **Information Containing Estimates of Mineral Reserves and Resources**

The mineral reserve and resource estimates reported in this presentation were prepared in accordance with Canadian National Instrument 43-101 Standards of Disclosure for Mineral Projects (“NI 43-101”), as required by Canadian securities regulatory authorities. For United States reporting purposes, the United States Securities and Exchange Commission (“SEC”) applies different standards in order to classify mineralization as a reserve. In particular, while the terms “measured,” “indicated” and “inferred” mineral resources are required pursuant to NI 43-101, the SEC does not recognize such terms. Canadian standards differ significantly from the requirements of the SEC. Investors are cautioned not to assume that any part or all of the mineral deposits in these categories constitute or will ever be converted into reserves. In addition, “inferred” mineral resources have a great amount of uncertainty as to their existence and great uncertainty as to their economic and legal feasibility. It cannot be assumed that all or any part of an inferred mineral resource will ever be upgraded to a higher category. Under Canadian securities laws, issuers must not make any disclosure of results of an economic analysis that includes inferred mineral resources, except in rare cases.

## **Covid-19**

Given the rapidly evolving nature of the Coronavirus (COVID-19) pandemic, the Company is actively monitoring the situation in order to continue to maintain its corporate and project activities while striving to protect the health of its personnel. The Company’s activities in Chile will continue to align with the guidance provided by local and national authorities on COVID-19. The Company has established measures to continue normal activities while protecting the health of its employees and stakeholders. Depending on the evolution of the virus, measures may affect the regular operations of the Company, including the participation of personnel at events and in-person meetings.

# LOS ANDES COPPER – World Class Copper on the Move

- **Los Andes owns a 100% interest in a World Class Copper Asset that is advancing to important milestones NOW at a great time for Copper**
- **Significant Leverage to Copper with 13 Billion Pounds Measured and Indicated Resource**
- **The Company will be increasing its focus on communicating its Milestones and value – New CEO, R. Michael Jones - Hired Oct 27/21**
- **Drilling targeted for Resource to Reserve Upgrades and EXPANSION – Starting NOW.**

# FUNDAMENTALS OF LOS ANDES COPPER



Vizcachitas is a Tier 1 deposit in one of the most prolific copper belts in the world



Long term community relations in place to socialize the key aspects of the project



Chile has been a mining country for over a century and is considered one of the best mining jurisdictions in the world



Copper is a critical element to sustain the global shift to EV's and the new green economy



2019 PEA estimated an after tax NPV (@8%) of US\$ 2.7 Billion at long term copper price of US\$ 3.5 / lb



Large resource base with competitive grade and clean mineralization



Experienced management team – instrumental in the operation of several copper projects in the region



Significant exploration potential



# CORPORATE UPDATE

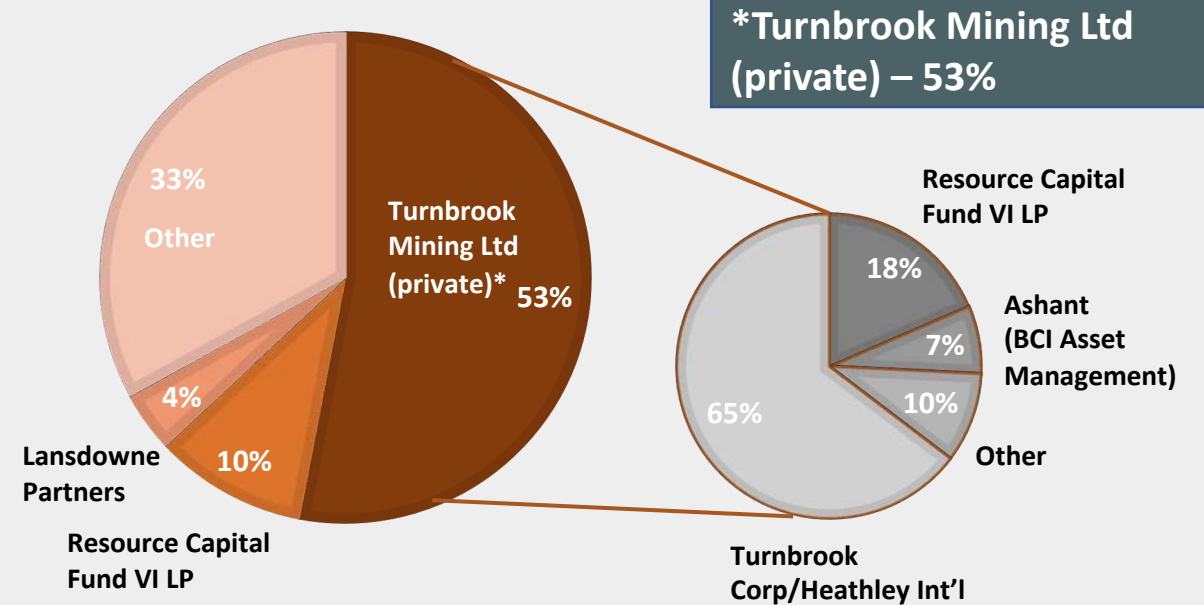
- Strengthened the Board
  - Corinne Boone – Non-executive Director and Board Chair of the Environmental, Social, and Governance Committee
  - Warren Gilman – Non-executive Director
- Plan to continue to enhance the executive management team
- US\$5 million investment into Los Andes Copper through convertible debenture by Queens Road Capital – conversion price at CAD10.82

Market Cap*	C\$ 272.7 million
Share Price*	C\$ 10.04
52 week high - low	C\$ 11.11/4.80
Shares Outstanding	27,165,813
Warrants	1,340,000
Options	159,500
Total shares (fully diluted)**	28,665,313

\*as of November 3, 2021

\*\*does not include conversion of convertible debenture. At an estimated CAD/USD rate of 1.26, conversion would represent 582,255 additional shares

## Major Shareholders of Los Andes Copper Ltd



# DIRECTORS

Management team has the track record and expertise to take Vizcachitas through the development process and into production

**FERNANDO PORCILE, Executive Chairman**



- Mining Engineer from the University of Chile & MSc in Mineral Engineering from Columbia University, NY. Over 50 years of experience in the mining industry.
- Responsible for the development, implementation, commissioning and operation of new mining projects as well as management of various world-class operations.
- Director of the Codelco Board (2010-2014). President of Collahuasi (2007-2009) and Falconbridge Copper Business Unit. Vice President Project Development for BHP Billiton's Base Metals Division and before that President of Compañía Minera Cerro Colorado of Rio Algom.

**EDUARDO COVARRUBIAS, Vice Chairman**



- Industrial and Chemical Engineer from the Catholic University of Chile. MSc in Management from the Massachusetts Institute of Technology (MIT).
- Oversees the mining interests of Turnbrook Corporation prior to the consolidation of ownership of the Vizcachitas project.
- Mr. Covarrubias was a banker with the Chase Manhattan Bank for almost a decade, covering the mining sector in Chile. His responsibilities included project financing, structured finance and mergers and acquisitions transactions.

**WARREN GILMAN, Director**



- Mining engineer who has more than 30 years of experience as a deal maker in the metals and mining sector.
- Chairman and CEO of Queens Road Capital.
- Founder of CIBC Global Mining team in Toronto in 1988.
- Served as an advisor to largest mining companies around the world: BHP, Rio Tinto and many others.
- From 2011, Mr. Gilman led CEF Holdings Ltd., a global mining investment company, owned 50% by CIBC and 50% by CK Hutchison Holdings Ltd.

**CORINNE BOONE, Director**



- Ms. Boone has more than 25 years of experience focused on sustainable business, climate risk, carbon markets and executive leadership.
- Board Chair of the Environmental, Social, and Governance Committee
- She is also: Board Chair of the Canadian Energy Research Institute (CERI), on the Board of Efficiency One, and CEO of the boutique consultancy Climate and Sustainable Innovation.
- Formerly held the role of Managing Director of Hatch's Environmental Services Group, and Managing Director of CantorCO2e, a Cantor Fitzgerald subsidiary.
- A Certified Corporate Director and holds a Master of Environmental Studies from York University and a BA from St. Thomas University.

# MANAGEMENT

Management team has the track record and expertise to take Vizcachitas through the development process and into production

## R. MICHAEL JONES, Chief Executive Officer and President



- Bachelor's Degree in Applied Science, Geological Engineering from the University of Toronto and an engineering licence as a Professional Engineer in Ontario Canada.
- Experienced CEO and Director, with a history of developing, permitting, and adding significant value to mining companies.
- Mr. Jones was the CEO and Director of Platinum Group Metals Ltd, where he created several JVs with major mining houses, raised over \$750 million institutionally and built a mine.
- Co founded the Toronto and Vancouver listed, West Timmins Mining and the Toronto and New York listed, MAG Silver, where he was Director.

## MANUEL MATTA, Director of Vizcachitas Project



- Mining Engineer from the University of Chile, with 30 years of experience in operations, planning and projects.
- Experience in asset optimisation and the development of concentrate treatment technology.
- Worked for Barrick Gold, as Vice President of Project Construction responsible for the construction of large capital projects worldwide. Mr. Matta also worked for Falconbridge and Xstrata as Vice President of Projects and Development where he led the expansion of the Collahuasi copper project. He was also General Manager of the Altonorte Smelter in Antofagasta, Chile where he led the operation upgrade for this custom copper smelter, one of the largest in the world.

## ANTONY AMBERG, Chief Geologist



- BSc in Geology from the Royal School of Mines, London and MSc. in GIS from University College, London. Chartered Geologist with the Geological Society of London and Qualified Person under NI 43-101.
- Chartered Geologist with 32 years of diverse experience having worked in Asia, Africa and South America.
- Began his career in 1986 working with Anglo American in South Africa before moving on to work for the likes of Severin-Southern Sphere, Bema Gold, Rio Tinto, Kazakhstan Minerals Corporation.
- In 2001, and prior to joining Los Andes in 2012, he relocated to Chile and was an independent geological consulting consultants.

## IGNACIO MELERO, Director of Corporate Affairs and Sustainability



- Lawyer from Pontificia Universidad Católica de Chile.
- Vast experience in corporate and community affairs
- Prior to Los Andes Ignacio was responsible for community affairs at CMPC, having managed community and stakeholder affairs for a number of its pulp and forestry divisions throughout the country.
- Ignacio has worked for the Government of Chile, in the Ministry General Secretariat of the Presidency. He was responsible for the inter-ministerial coordination of the ChileAtiende project, a multi-service network linking communities, regional governments and public services.

## HARRY NIJJAR, Chief Financial Officer



- Mr. Nijjar holds a CPA CMA designation from the Chartered Professional Accountants of British Columbia and a BComm from the University of British Columbia.
- He is a Managing Director of Malaspina Consultants Inc.
- Mr. Nijjar has been working with public and private companies for the past 10 years in various role.
- He is also currently the CFO of Darien Business Development Corp. and Clarmin Explorations Inc.

# VIZCACHITAS IN THE COMMUNITY

Los Andes Copper works closely with the community in order to support the development of local businesses, develop human capital and maintain its high environmental standards

- Social Engagement
  - Regular meetings with stakeholders, including local authorities and the community to inform them of the project
  - Sponsored Putaendo's Chamber of Commerce and Tourism by funding their artisan's fair and implementing a web-based platform to connect their businesses
  - Financed the cost of teachers in a technical school in the town of Calle Larga, near San Felipe
  - Joined the Association of Small Miners of Putaendo to work with them on technical and safety issues
  - Working with Putaendo's Small Farmers Association to facilitate access to public funding for agricultural development
- Environmental engagement
  - Organized and participated in public forums to discuss environmental issues of interest to communities in Putaendo
  - Participated in the first Water for Putaendo meeting



# SOLID ECONOMICS SUPPORTING THE PROJECT

2019 PEA economics significantly upgraded (base case 110 ktpd mill)

<p><b>26.7%</b> IRR</p>	<p><b>US\$2.7 billion</b> NPV @ 8% (post tax) <b>US \$4.6 billion</b> NPV @ 5% (post tax)</p>	<p><b>\$3.50/lb</b> Copper price</p>
<p><b>20.8%</b> IRR</p>	<p><b>US\$1.8 billion</b> NPV @ 8% (post tax) <b>US \$3.2 billion</b> NPV @ 5% (post tax)</p>	<p><b>\$3.00/lb</b> Copper price</p>
<p><b>US\$1.88 billion</b> Initial capex (including 20% contingency)</p>	<p><b>3.4 year</b> Payback period from initial production</p>	<p><b>45 year</b> Mine life</p>
<p><b>0.53% CuEq</b> Average headgrade over first 5 years</p>	<p><b>US\$1.36/lb</b> C1 Cash Cost for First 8 years of production (with Mo-Ag credit)</p>	<p><b>46%</b> 10-yr mine plan already classified as Measured</p>

**Note:** The 2019 PEA is preliminary in nature, it includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them to be categorized as mineral resources, and there is no certainty that the 2019 PEA will be realized.

# SIGNIFICANT WORK UNDERTAKEN SINCE 2019 PEA

- The 2019 PEA provided a conceptual plan for developing an economic open pit operation at Vizcachitas:
  - US\$2.7bn NPV and 26.7% IRR
  - US\$1.9bn initial capex
  - **PEA pricing assumptions below current market prices:**
    - Copper price of US\$3.5/lb vs. current of US\$4.2/lb;
    - US\$22.0/kg molybdenum vs. current of US\$46/kg; and
    - US\$17.0/oz silver vs. current US\$24/oz
- **The PFS will update the project economics, materially de-risk the operation technically and present a more environmentally conscious project with a reduced footprint and increased efficiencies**
- PFS optimisations will result in the flow of all materials going downstream and from the pit, reducing energy costs and freeing up the area north of the PEA pit for resource/mine expansions
- Implementation of a dry-stacked TSF along with enhanced water recoveries has significantly reducing water consumption by c.50%

Area	2019 PEA	2022E PFS	Impact
Processing	SAG Mill grinding circuit	HPGR circuit	<ul style="list-style-type: none"> <li>- Lower energy consumption</li> <li>- Enhanced project economics</li> <li>- Operational flexibility</li> </ul>
Tailings Facility	Thickened tailings dam	Filtered dry-stacked tailings	<ul style="list-style-type: none"> <li>- Reduced water consumption and energy</li> <li>- Reduced footprint and operational risk</li> <li>- Reduced environmental risk and simpler permitting</li> </ul>
Infrastructure	Multiple operating facilities across both Chalaco Valley and Rocin Valley	One operating complex in Rocin Valley	<ul style="list-style-type: none"> <li>- Reduced footprint</li> <li>- Use of gravity efficiencies to enhance economics</li> </ul>

# KEY LOCAL INFRASTRUCTURE

Advantageous location - excellent access to infrastructure

<p><b>120 km</b> Railway line from San Felipe to Ventanas concentrate smelter &amp; port</p>	<p><b>45 - 85 km</b> Towns and cities with skilled mining labour force</p>
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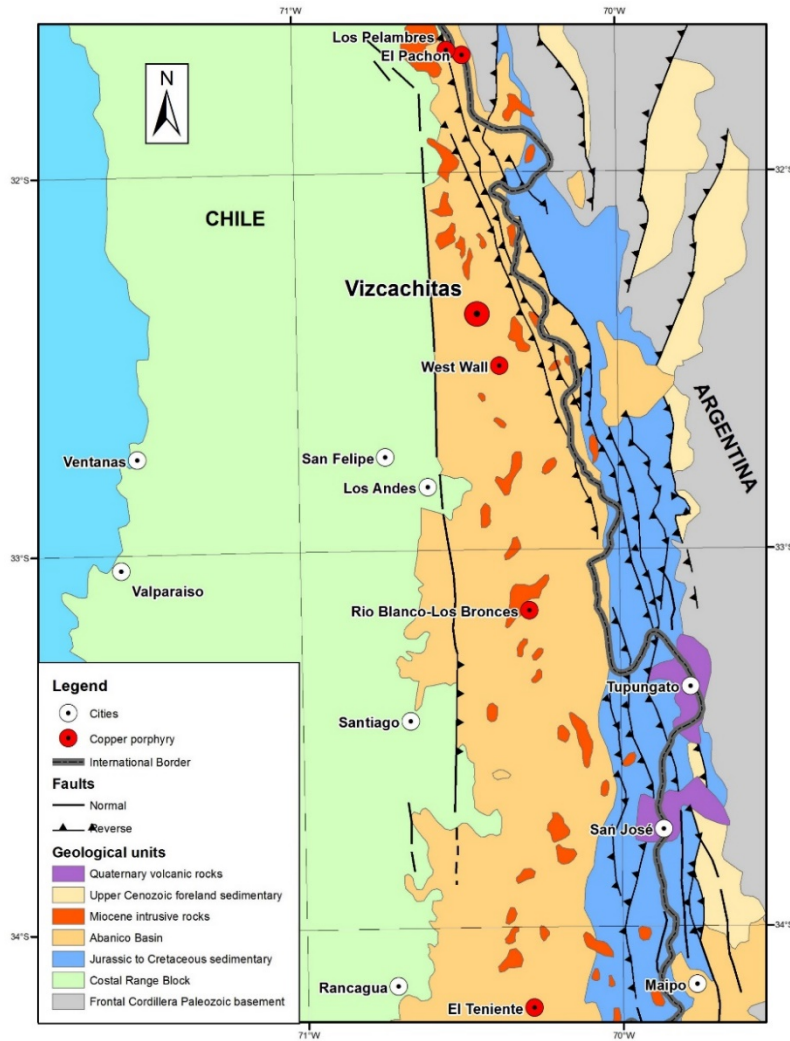
<p><b>60 km*</b> To 220 KV substation</p>	<p><b>500 l/sec</b> Water rights</p>	<p><b>2,000 m</b> Low elevation, mild climate conditions</p>
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\*Updated since 2019 PEA

<p><b>150 km</b> From Santiago by road</p>	<p><b>60 km</b> To railway lines in San Felipe</p>
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# LOCATED ALONG CHILE'S MOST PROLIFIC COPPER BELT

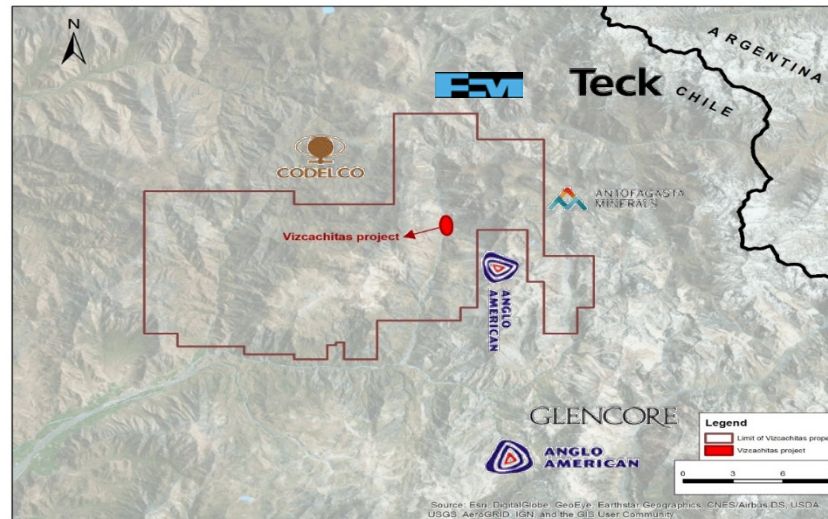


Source: Mpodozis y Cornejo 2010, Economic Geology SP16

Project	Proven & Probable Reserves Cu lb billions	Measured & Indicated Resources Cu lb billions	Inferred Resources Cu lb billions
Los Pelambres	15.0	39.2	28.6
Los Bronces	16.4	8.8	27.9
Rio Blanco-Andina	20.3	81.1	217.4
El Teniente	24.5	83.3	123.7

Source: antofagasta-minerals\_annual-report-aplc\_2018.pdf, GLEN\_2019\_Resources\_Reserves\_Report--.pdf, aa-ore-reserves-and-mineral-resources-2018.pdf, memori2019\_codelco.pdf

## ...AND IN THE HEART OF THE DISTRICT

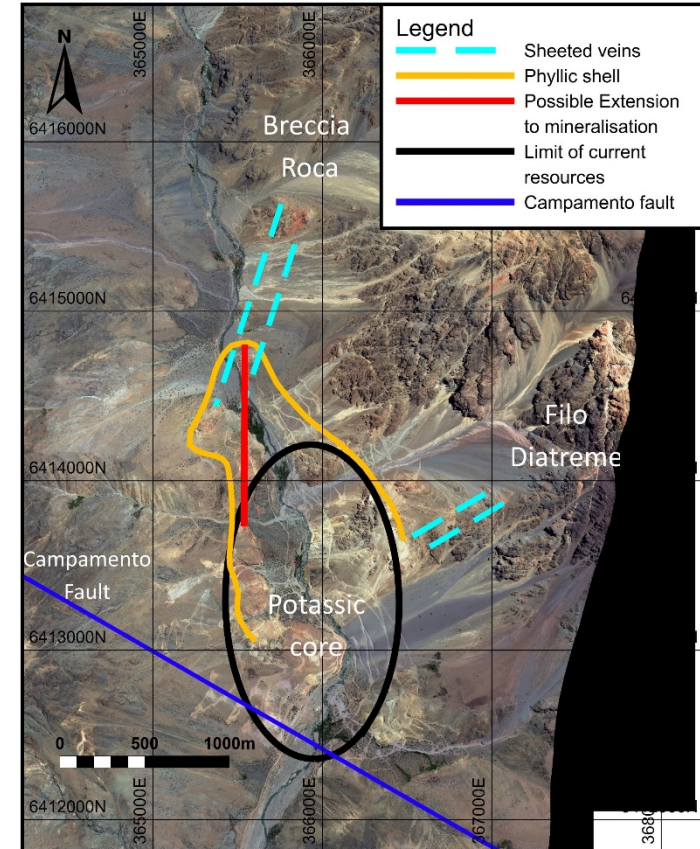
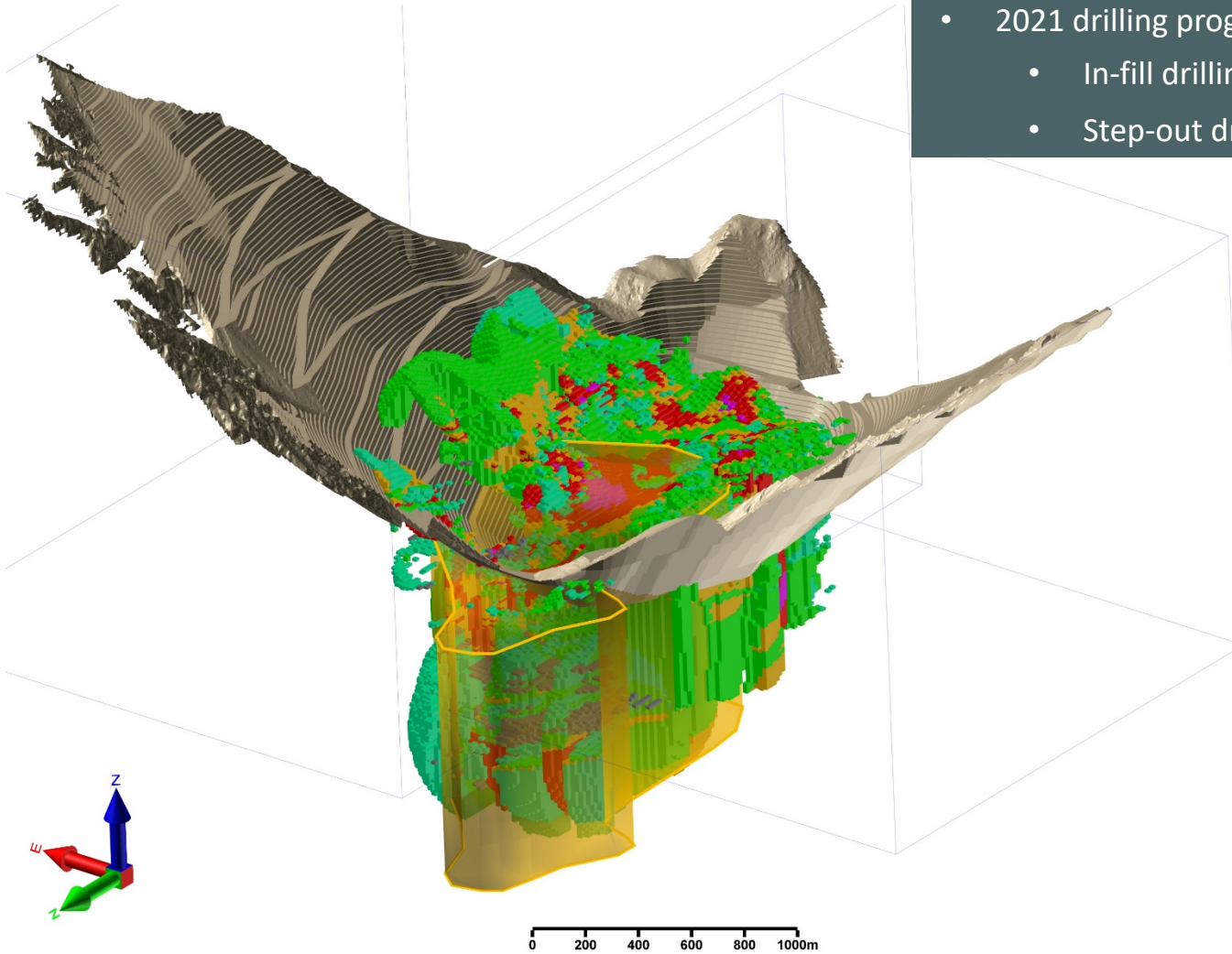


Surrounded by mining major's:

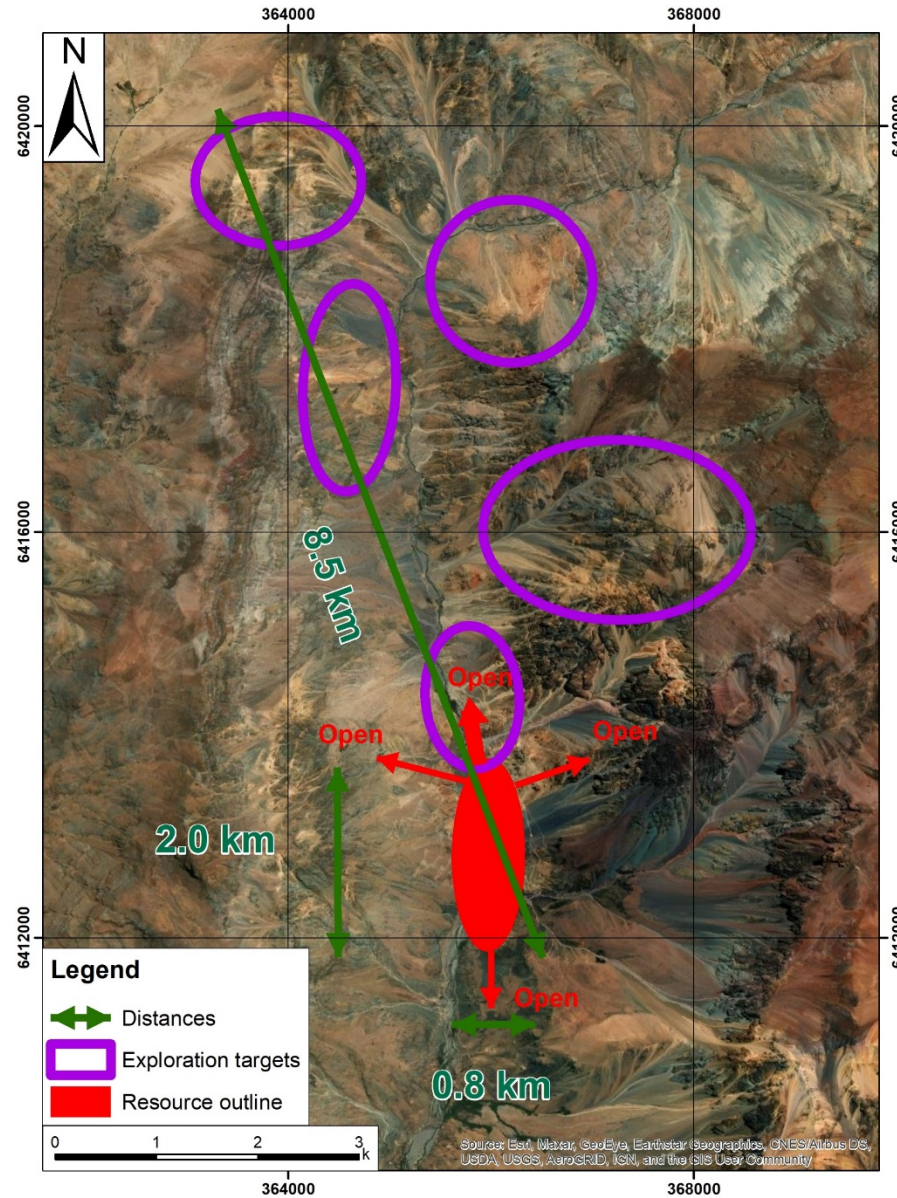
- Anglo American 
- Antofagasta Minerals 
- Codelco 
- Freeport-McMoRan 
- Glencore 
- Teck 

# EXPLORATION UPSIDE

- Vizcachitas deposit is open in multiple directions near surface and at depth
- The deposit is on Chile's most prolific copper belt, sitting within a highly prospective region with proven geological stability
- 2021 drilling program:
  - In-fill drilling targeting know higher-grade areas
  - Step-out drilling to the north where the deposit is open along strike



# FURTHER UPSIDE IN VIZCACHITAS' DISTRICT



- Vizcachitas has a substantial land holding (308 km<sup>2</sup>) of which only a small portion has been properly explored
- Geological mapping and geophysics have identified drill ready targets to north of current mineral resource

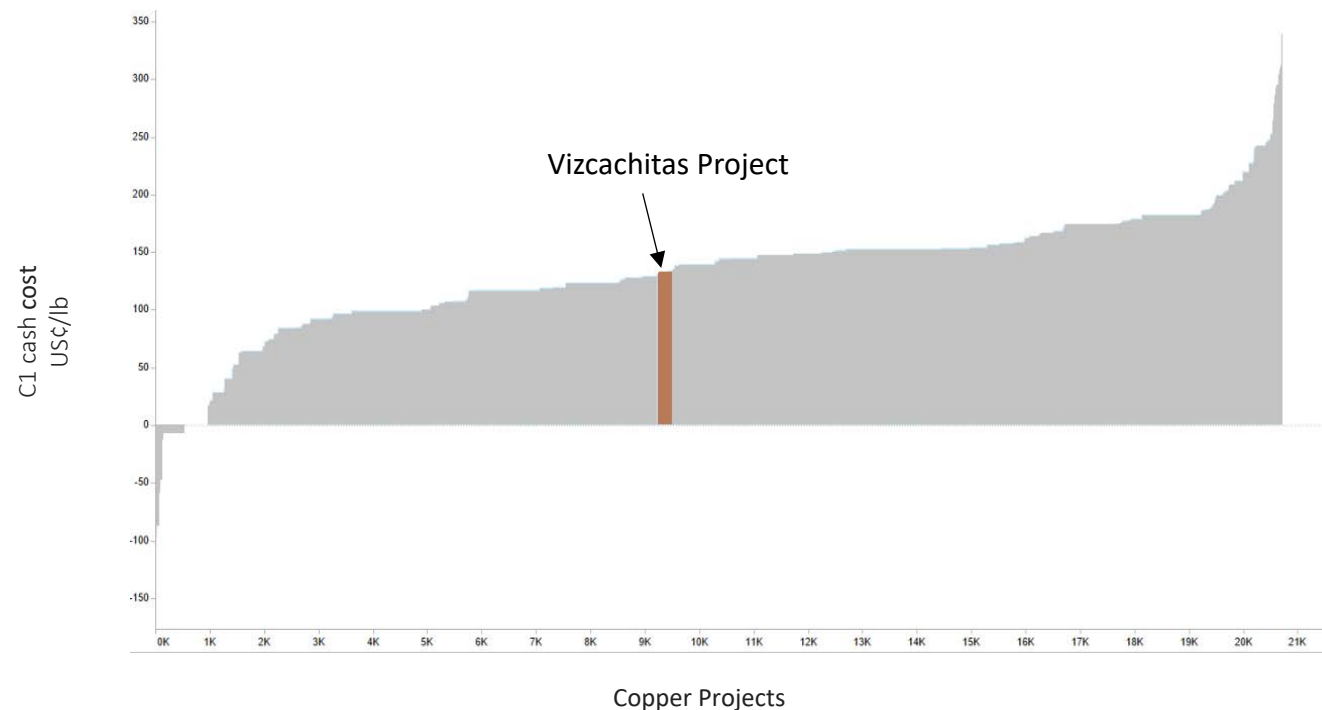
# LEVERAGED EXPOSURE TO COPPER

**US\$1.8 billion** after-tax NPV (8%) at \$3.0 /lb Copper  
**US\$2.7 billion** after-tax NPV (8%) at \$3.5 /lb Copper

**C1 Cash Costs** – US\$1.36 /lb average C1 cash cost for the first 8 years of production

## NPV (kUS\$) Sensitivity Analysis – Copper Price Variation (After Tax)

Cu Price Variation cUS\$/lb	110 ktpd bUS\$
285	1.5
300	1.8
315	2.1
330	2.4
350	2.7



Source: Hannam & Partners as of 06 June 2019

# UNDERVALUED COPPER DEVELOPER

- Los Andes Copper is undervalued on both a P/NAV and an EV/Resource basis relative to the peer set

Company	Price [1] <i>(Local Curr.)</i>	Market Cap [2] <i>(M US\$)</i>	TEV <i>(M US\$)</i>	Resource		EV/Resource		NAV [3] <i>(M US\$)</i>	P/NAV <i>(x)</i>	Stage	Location
				M&I <i>(M lbs CuEq)</i>	Total <i>(M lbs CuEq)</i>	M&I <i>(US\$/lb)</i>	Total <i>(US\$/lb)</i>				
SolGold	£0.26	\$811.9	\$809.3	28,833	32,182	\$0.028	\$0.025	\$4,170.1	0.19x	PEA	Ecuador
Filo Mining	C\$11.74	\$1,084.3	\$1,063.0	6,304	8,534	\$0.169	\$0.125	\$1,690.3	0.64x	Pre-Feasibility	Chile, Argentina
Polymet Mining	C\$4.09	\$332.4	\$372.8	8,607	13,589	\$0.043	\$0.027	n/a	n/a	Feasibility	US
Trilogy Metals	US\$2.47	\$287.4	\$280.4	2,733	5,724	\$0.103	\$0.049	\$509.3	0.56x	Feasibility	US
Josemaria Resources	C\$1.32	\$404.7	\$391.7	11,977	16,210	\$0.033	\$0.024	\$888.5	0.46x	Feasibility	Argentina
Marimaca Copper	C\$4.08	\$289.0	\$253.8	931	1,424	\$0.273	\$0.178	\$485.8	0.59x	PEA	Chile
Western Copper & Gold	C\$2.06	\$250.2	\$210.0	19,021	27,305	\$0.011	\$0.008	\$731.8	0.34x	Feasibility	Canada
Northern Dynasty	US\$0.52	\$221.9	\$192.4	109,335	162,259	\$0.002	\$0.001	\$1,341.6	0.17x	PEA	US
<b>Median</b>						<b>\$0.038</b>	<b>\$0.026</b>		<b>0.46x</b>		
<b>Average</b>						<b>\$0.083</b>	<b>\$0.055</b>		<b>0.42x</b>		
Los Andes Copper	C\$10.04	\$272.7	\$216.6	14,523	22,191	\$0.015	\$0.010	\$1,794	0.12x	PEA	Chile

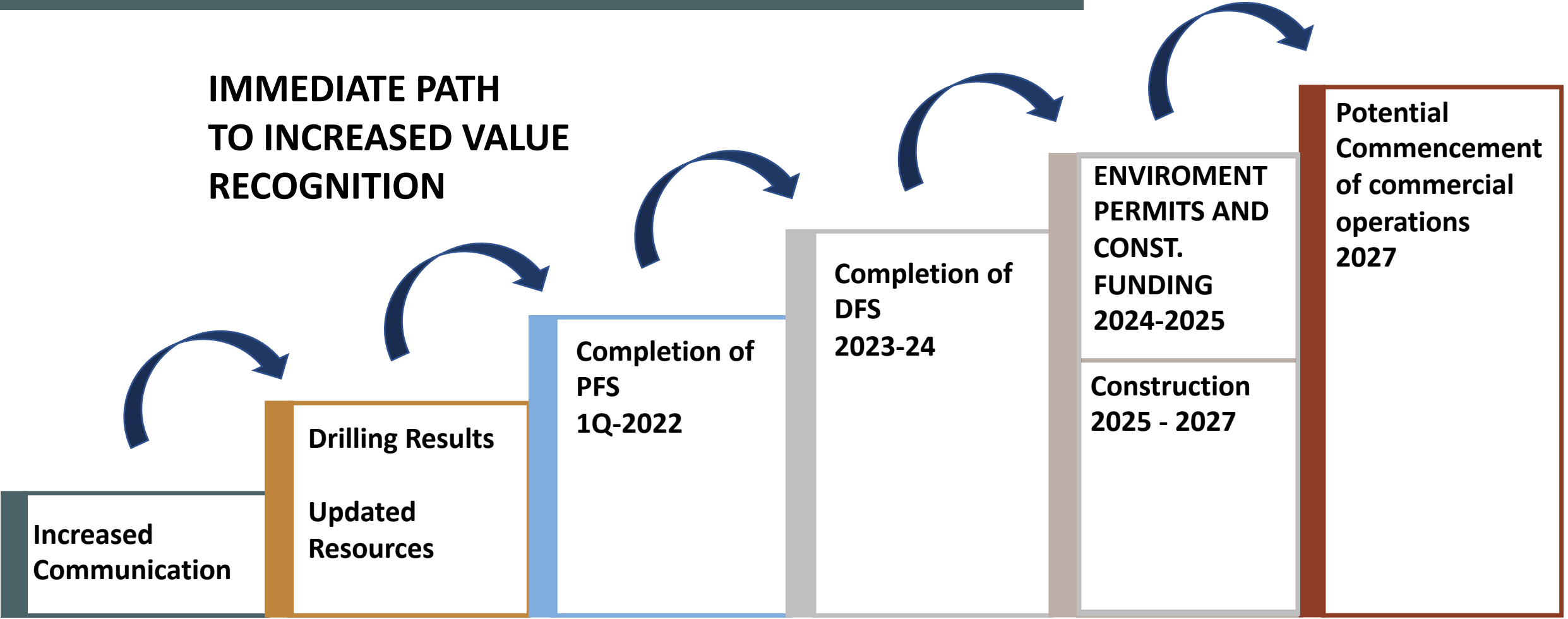
## Notes

- (1) Prices per Capital IQ as of November 3, 2021
- (2) Based on fully diluted market cap
- (3) Based on available analyst consensus estimates and based on 2019 PEA for Los Andes

# ADVANCING DEVELOPMENT OF VIZCACHITAS

## MILESTONES

**IMMEDIATE PATH  
TO INCREASED VALUE  
RECOGNITION**



# CONTACTS

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# APPENDIX

# VIZCACHITAS MINERAL RESOURCES (effective date 5 June 2019)

- Measured and Indicated Copper Resource of 1.28 billion tonnes at a copper grade of 0.40% and a copper equivalent grade of 0.45%  
Measured and indicated:
  - 11.2 billion pounds of copper
  - 400 million pounds of molybdenum
  - 43.3 million ounces of silver
- Measured and Indicated Copper Resource increased 31.2% since 2014 PEA
- Inferred Copper Resource increased 142.7% since 2014 PEA

Resources (at 0.25% Cu cut-off)	Tonnage (Mt)	Cu Grade (%)	CuEq Grade (%)	Mo Grade (ppm)	Ag Grade (g/t)	Cu (million lb)	Mo (million lb)	Ag (million oz)	CuEq (million lb)
Measured	254	0.44	0.49	119.20	1.26	2,462	67	10	2,743
Indicated	<u>1,030</u>	<u>0.39</u>	<u>0.44</u>	<u>146.90</u>	<u>1.00</u>	<u>8,740</u>	<u>333</u>	<u>33</u>	<u>10,034</u>
Measured + Indicated	1,284	0.40	0.45	141.40	1.05	11,202	400	43	12,777
Inferred	789	0.34	0.39	127.00	0.88	5,861	221	22	6,713

## Notes

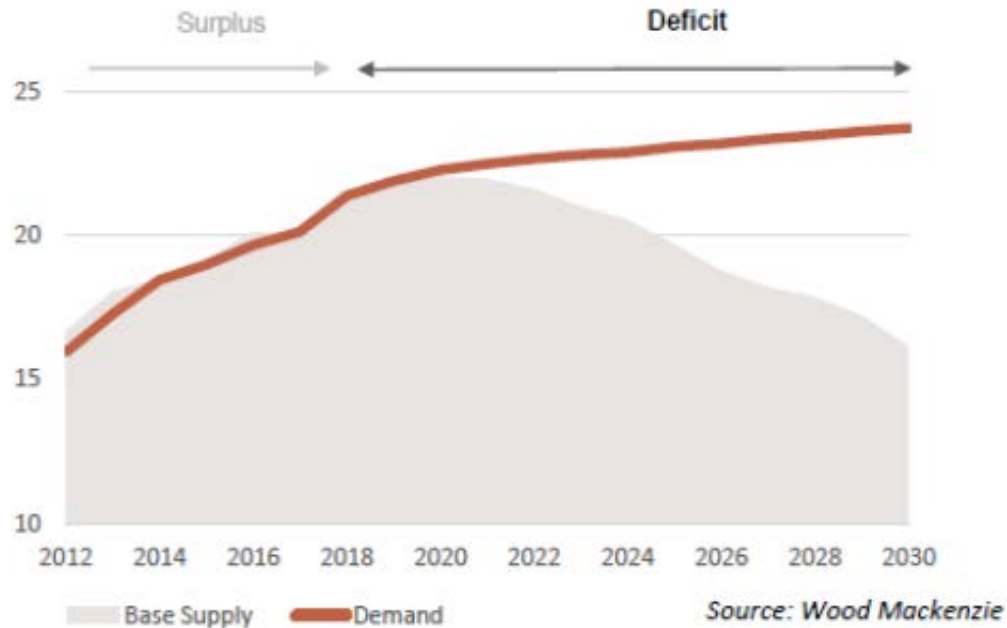
- Copper equivalent grade has been calculated using the following expression:  $CuEq (\%) = Cu (\%) + 3.33 \times Mo (\%) + 82.6389 \times Ag (\%)$ , using the metal prices: 3.00 US\$/lb Cu, 10.00 US\$/lb Mo and 17.00 US\$/oz Ag. No allowance for metallurgical recoveries has been considered
- Small discrepancies may exist due to rounding errors.
- The quantities and grades of reported Inferred Mineral Resources are uncertain in nature and further exploration may not result in their upgrading to Indicated or Measured status.
- Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability
- Please refer to the technical report titled "Preliminary Economic Assessment of the Vizcachitas Project under NI 43-101 reporting standard" dated June 13, 2019

# COPPER MARKET

## Copper value chain – A widening market deficit is looming

- The widening market deficit in the copper sector will put further pressure on price

Copper Supply and Demand (million tonnes)



# THE OUTLOOK FOR COPPER WILL BE SIGNIFICANTLY IMPACTED BY EV BATTERY DEMAND

- EVs will drive a modest supply-demand deficit between 2021-2024, then from 2025 demand will expand exponentially
- According to Wood Mackenzie, an EV needs c.80kgs of copper, this is c.4 times more than a conventional car (ICE)
- These numbers do not include, however, the copper required to build the necessary network of charging stations
- The EV market looks promising as countries globally express intentions of banning sales of new petrol and diesel cars by 2040

## Cumulative copper demand from electric vehicles

