



**western**  
COPPER AND GOLD

TSX **WRN**  
NYSE AMERICAN **WRN**

DEVELOPING  
CANADA'S LARGEST  
**CRITICAL MINERALS  
PROJECT**

Corporate Presentation | January 2025



# CAUTIONARY NOTES

The information provided in this presentation is not intended to be a comprehensive review of all matters and developments concerning Western Copper and Gold Corporation and its subsidiaries (collectively, the “Company”). This document should be read in conjunction with all other disclosure documents of the Company. No securities commission or regulatory authority has reviewed the accuracy or adequacy of the information presented herein.

## Note Regarding Forward-Looking Statements

Certain of the statements and information in this presentation constitute “forward-looking statements” within the meaning of the United States Private Securities Litigation Reform Act of 1995 and “forward-looking information” within the meaning of applicable Canadian securities laws (together referred to herein as “forward-looking statements”). Any statements or information that express or involve discussions with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions, or future events or performance (often, but not always, using words or phrases such as “expects”, “is expected”, “anticipates”, “believes”, “plans”, “projects”, “estimates”, “assumes”, “intends”, “strategies”, “targets”, “goals”, “forecasts”, “objectives”, “budgets”, “schedules”, “potential” or variations thereof or stating that certain actions, events or results “may”, “could”, “would”, “might” or “will” be taken, occur or be achieved, or the negative of any of these terms and similar expressions) are not statements of historical fact and may be forward-looking statements. Such statements include, but are not limited to, statements regarding mineral reserve and mineral resource estimates, planned exploration and development activities, corporate objectives, the economic prospects of the Company’s projects, the Company’s future plans or

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The forward-looking statements are necessarily based on a number of estimates, assumptions, beliefs, expectations and opinions of management as of the date of this presentation that, while considered reasonable by management, are inherently subject to significant business, economic and competitive uncertainties and contingencies. These estimates, assumptions, beliefs, expectations and opinions include, without limitation, with respect to any mineral reserve or mineral resource estimate, the key assumptions and parameters on which such estimates are based, prevailing and projected market prices and foreign exchange rates, projected capital and operating costs, continued availability of capital and financing, availability of equipment and personnel required for construction and operations, the Company not experiencing unforeseen delays, unexpected geological or other effects, equipment failures, permitting delays, and general economic, market or business conditions.

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property; litigation; legislative, environmental and other judicial, regulatory, political and competitive developments in Canada; technological and operational difficulties or inability to obtain permits encountered in connection with exploration and development activities; labour relations matters, changing foreign exchange rates, and other factors described under the heading “Risk Factors” in the Company’s annual information form for the most recently completed financial year and its other publicly filed disclosure documents. This list is not exhaustive of the factors that may affect any of the Company’s forward-looking statements.

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Information regarding the Company’s mining operations included in this presentation has been prepared in accordance with the requirements of the securities laws in effect in Canada, which differ in certain material respects from the disclosure requirements of United States securities laws applicable to domestic United States issuers. The terms “mineral reserve”, “proven mineral

reserve” and “probable mineral reserve” are Canadian mining terms as defined in accordance with Canadian National Instrument 43-101 – Standards of Disclosure for Mineral Projects (“NI 43-101”) and the Canadian Institute of Mining, Metallurgy and Petroleum (the “CIM”) Definition Standards for Mineral Resources and Mineral Reserves, adopted by the CIM Council, as amended. NI 43-101 is a rule developed by the Canadian Securities Administrators that establishes standards for all public disclosure an issuer makes of scientific and technical information concerning mineral projects. The definitions of these terms and other mining terms, such as “inferred mineral resource”, differ from the definitions of such terms, if any, for purposes of the disclosure requirements of the U.S. Securities and Exchange Commission (the “SEC”). Accordingly, information in this presentation describing the Company’s mineral deposits may not be comparable to similar information made public by issuers subject to the SEC’s reporting and disclosure requirements applicable to domestic United States issuers.

## Note Regarding Inferred Mineral Resources

Under Canadian rules, estimates of inferred mineral resources are considered too speculative geologically to have the economic considerations applied to them to enable them to be categorized as mineral reserves and, accordingly, may not form the basis of feasibility or pre-feasibility studies, or economic studies except for a preliminary economic assessment as defined under NI 43-101. Investors are cautioned not to assume that part or all of an inferred mineral resource exists or is economically or legally mineable. Mineral resources that are not mineral reserves do not have demonstrated economic viability.



# CORPORATE OVERVIEW

## CAPITAL STRUCTURE

<b>LISTINGS</b>	TSX, NYSE American	WRN
<b>FINANCIALS</b> (Sept 30, 2024)	Cash & Investments	C\$74.9M
	Debt	Nil
<b>SHARE STRUCTURE</b> (Jan 3, 2024)	Share Price	C\$1.58
	Market Cap	C\$313M
	Shares Outstanding	198.2M
	Options, Warrants, RSU/DSU	11.7M

## ANALYST COVERAGE (Average Target Price = C\$4.25)



## OWNERSHIP

<b>TOP SHAREHOLDERS</b> (Public Disclosure)	Rio Tinto	9.6%
	Fidelity Group	4.5%
	Mitsubishi Materials	4.1%
	<b>Management &amp; Board</b>	<b>4.0%</b>
	Konwave	4.0%
	Kopernik Global Investors	3.5%
	Franklin Resources	2.4%
	Claret Asset Management	1.9%
	Tidal Investments / SILJ	1.3%
	EdgePoint Investment Group	1.2%
Herr Investment Group	0.8%	



## CLEAR INVESTMENT THESIS

- One of the largest copper-gold projects globally
- Located in the Yukon – supportive mining district
- Recent Feasibility Study shows robust economics and long mine life
- Strong fundamentals for copper and gold

## CONTINUING TO ADD VALUE

- Significant resource expansion in 2020
- PEA released in 2021
- Feasibility Study released in 2022
- Strategic investments from Rio Tinto and Mitsubishi
- Permitting work progressing





Initial Investment: May 2021  
Average Cost: C\$2.07

**C\$25.6M**

**C\$2.3M** Top-up April 2023

**C\$6.0M** New rights Nov 2023

**C\$0.3M** Top-up March 2024

**C\$5.0M** Top-up April 2024



Investment: March 2023  
Average Cost: C\$2.63

**C\$21.3M**

## RIO TINTO KEY RIGHTS

- Rio Tinto has the right to appoint:
  - A member to Casino Copper-Gold Technical and Sustainability Committee
  - A non-voting board observer
  - One director and three secondees to assist with the Casino Project, if Rio Tinto's ownership increases to at least 12.5%
- Key rights expire in May 2025

## MITSUBISHI KEY RIGHTS

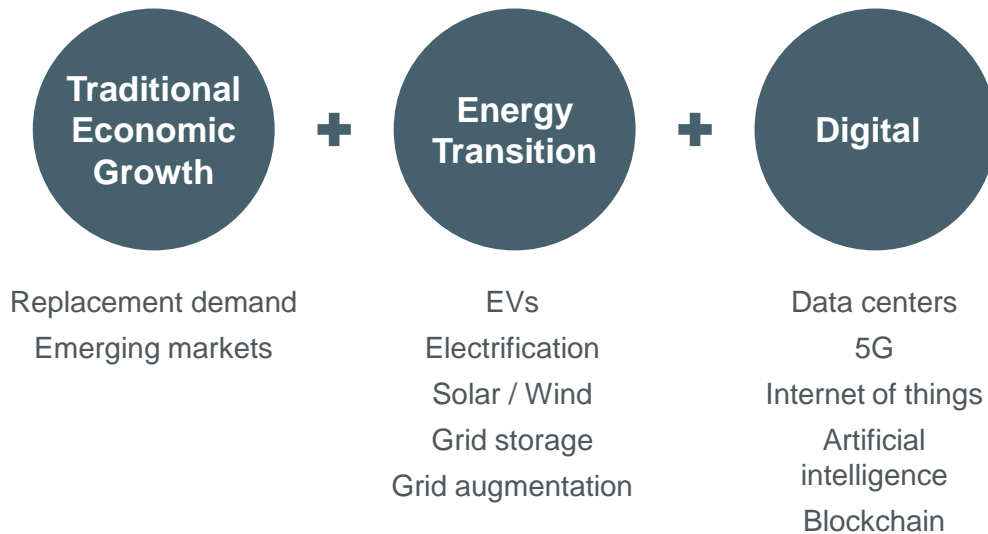
- Mitsubishi has the right to appoint:
  - A member to Casino Copper-Gold Technical and Sustainability Committee
  - One director, if Mitsubishi's ownership increases to at least 12.5%
  - Right of first negotiation to offtake proportionate share of minerals produced
- Key rights expire in March 2025



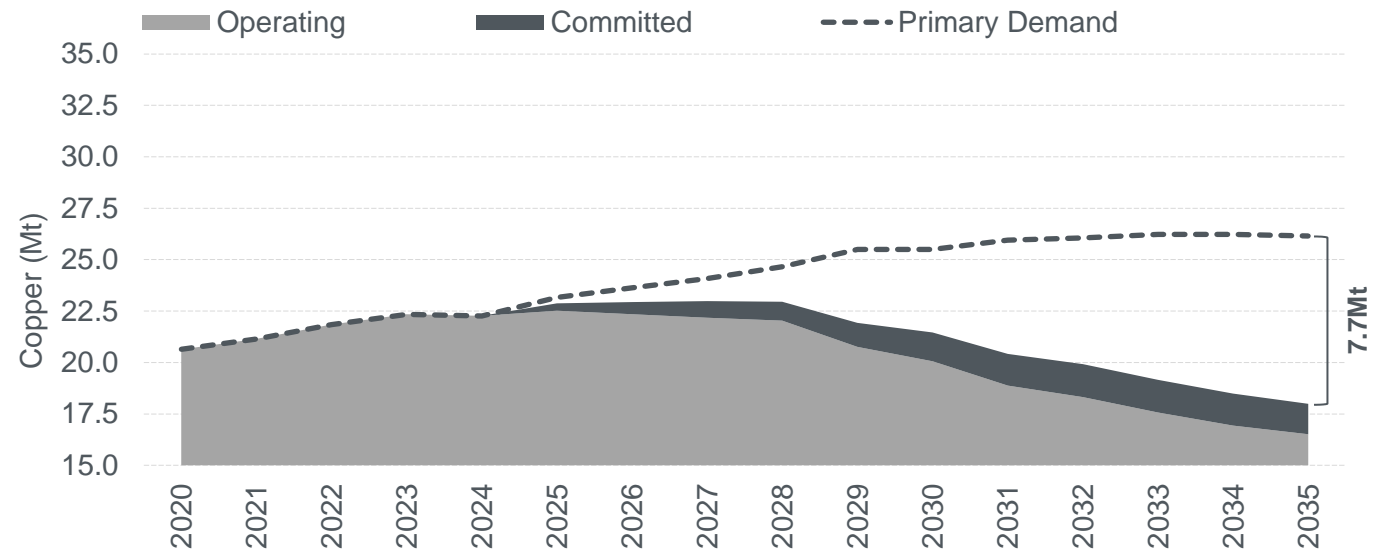
# THE WORLD NEEDS A LOT MORE COPPER

- Copper demand is expected to grow by 70% to >50Mtpa by 2050
- Solid foundation from traditional demand; global energy transition and digital revolution are megatrends accelerating growth
- Despite >\$107B of investment in Tier 1 copper projects over the last decade, the supply gap has grown from 4.7Mt to 7.7Mt
  - Even with the most optimistic supply forecasts (assuming development of all probable projects), a significant supply gap is evident
- Between 30-50% of supply will face grade decline and ageing challenges over the next decade; higher costs and increased capital reinvestment

## DEMAND DRIVERS



## A LARGE & GROWING SUPPLY GAP

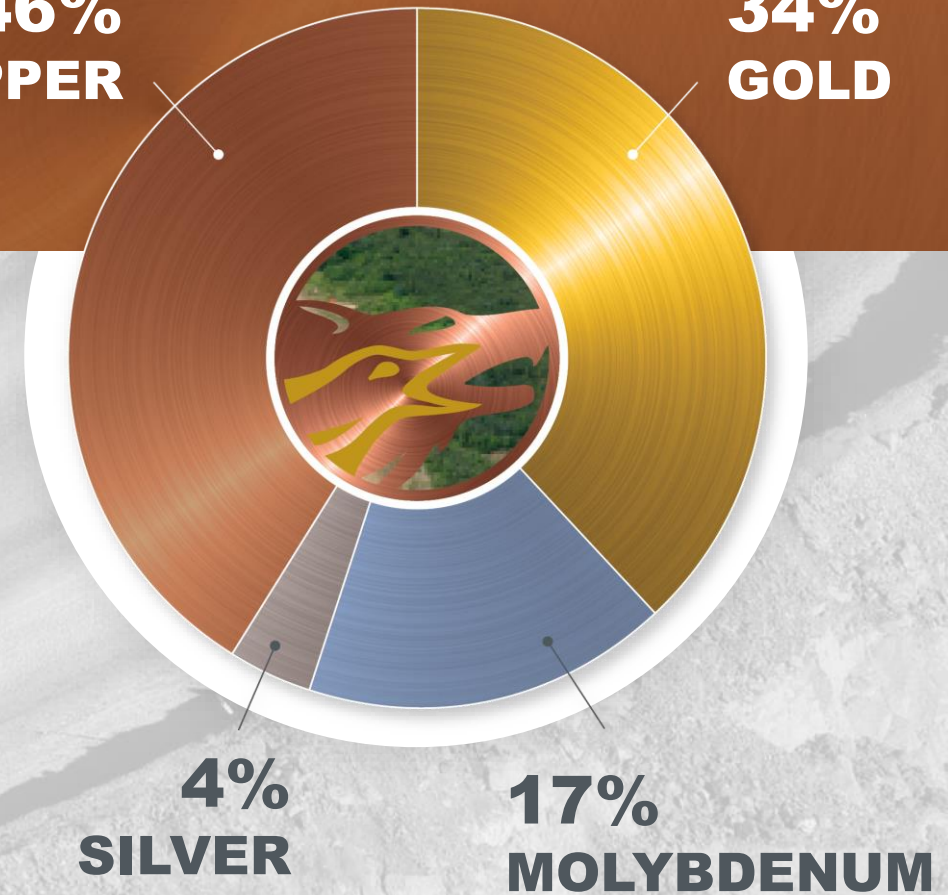




## Metal Value Distribution in the M&I Mill Resource

**46%**  
**COPPER**

**34%**  
**GOLD**



### COPPER

**7.6 Billion lbs**  
M+I Resources

**+3.1 Billion lbs**  
Inferred Resources

### GOLD

**14.8 Million oz**  
M+I Resources

**+6.3 Million oz**  
Inferred Resources

**4%**  
**SILVER**

**17%**  
**MOLYBDENUM**



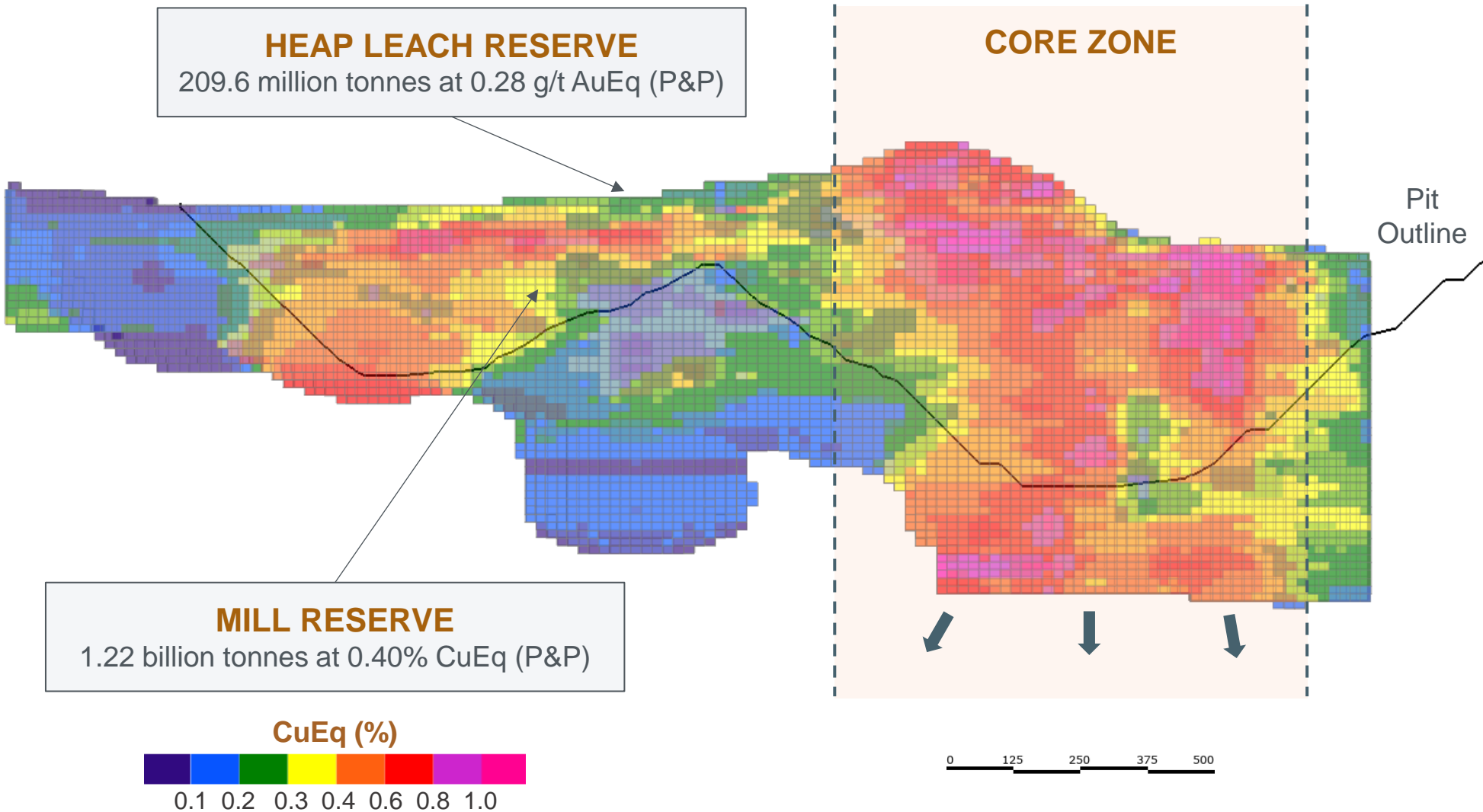


# CASINO COPPER-GOLD PROJECT





# LONG SECTION OF THE CASINO COPPER-GOLD DEPOSIT



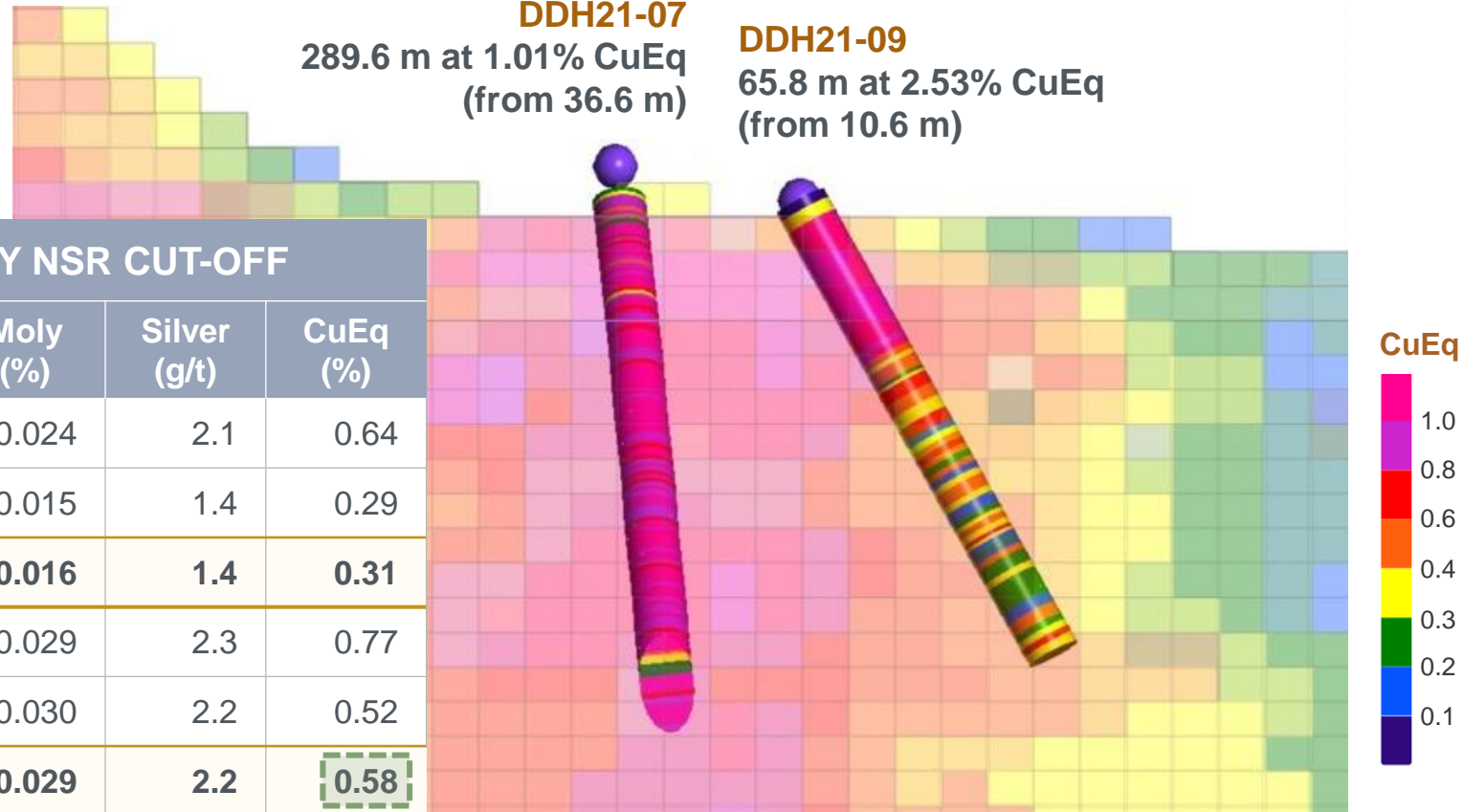
- Mill Reserve underpins Casino's long mine life
- There is a higher grade subset of mineralization in the center of the deposit that will be mined early on during operations
- Core Zone leads to very quick payback – milled grade of 0.66% CuEq and extremely low strip ratio of 0.26:1 in Year 1-4



# CLOSER LOOK AT THE HIGHER GRADE CORE ZONE

## Results confirmed or improved upon historical drilling

- 800 m x 500 m zone in the centre of the deposit
- Primarily breccia geology
- Grades within in the Core Zone are significantly higher compared to the overall resource grade
- Previous intercept of **689 m at 0.91% CuEq** (from 9.1 m), including **100 m at 3.20% CuEq** in hole 93-185



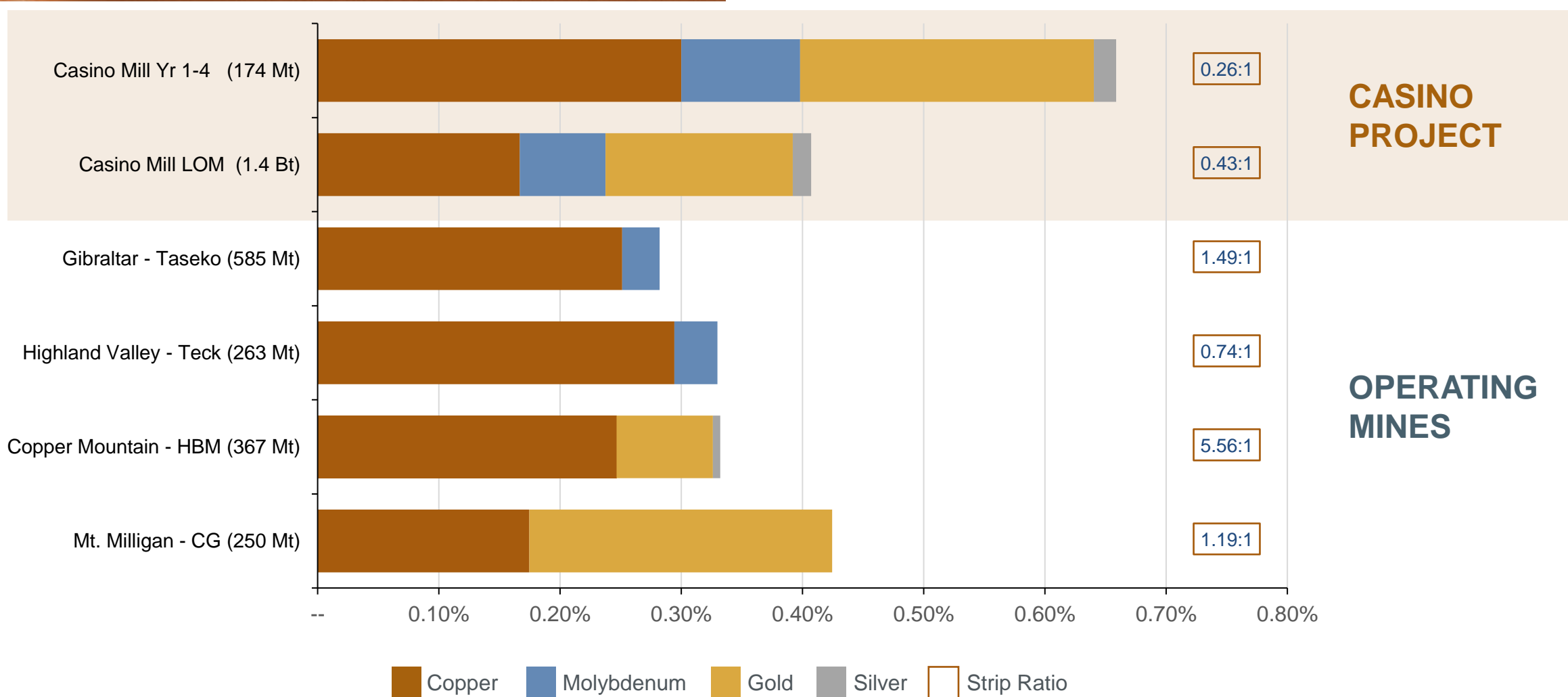
MINERAL RESOURCE – MILL MATERIAL BY NSR CUT-OFF

NSR COG (C\$/t)	Class	Mt	Copper (%)	Gold (g/t)	Moly (%)	Silver (g/t)	CuEq (%)
6.11	Measured	144.9	0.30	0.38	0.024	2.1	0.64
	Indicated	2,114.2	0.14	0.16	0.015	1.4	0.29
	<b>M+I</b>	<b>2,259.0</b>	<b>0.15</b>	<b>0.18</b>	<b>0.016</b>	<b>1.4</b>	<b>0.31</b>
30	Measured	102.3	0.35	0.46	0.029	2.3	0.77
	Indicated	328.2	0.26	0.29	0.030	2.2	0.52
	<b>M+I</b>	<b>430.5</b>	<b>0.28</b>	<b>0.33</b>	<b>0.029</b>	<b>2.2</b>	<b>0.58</b>

Note: See press release dated November 29, 2021. Resource from Casino Copper-Gold 2022 Feasibility Study. See "Notes" in Appendix.



# ATTRACTIVE GRADE PROFILE

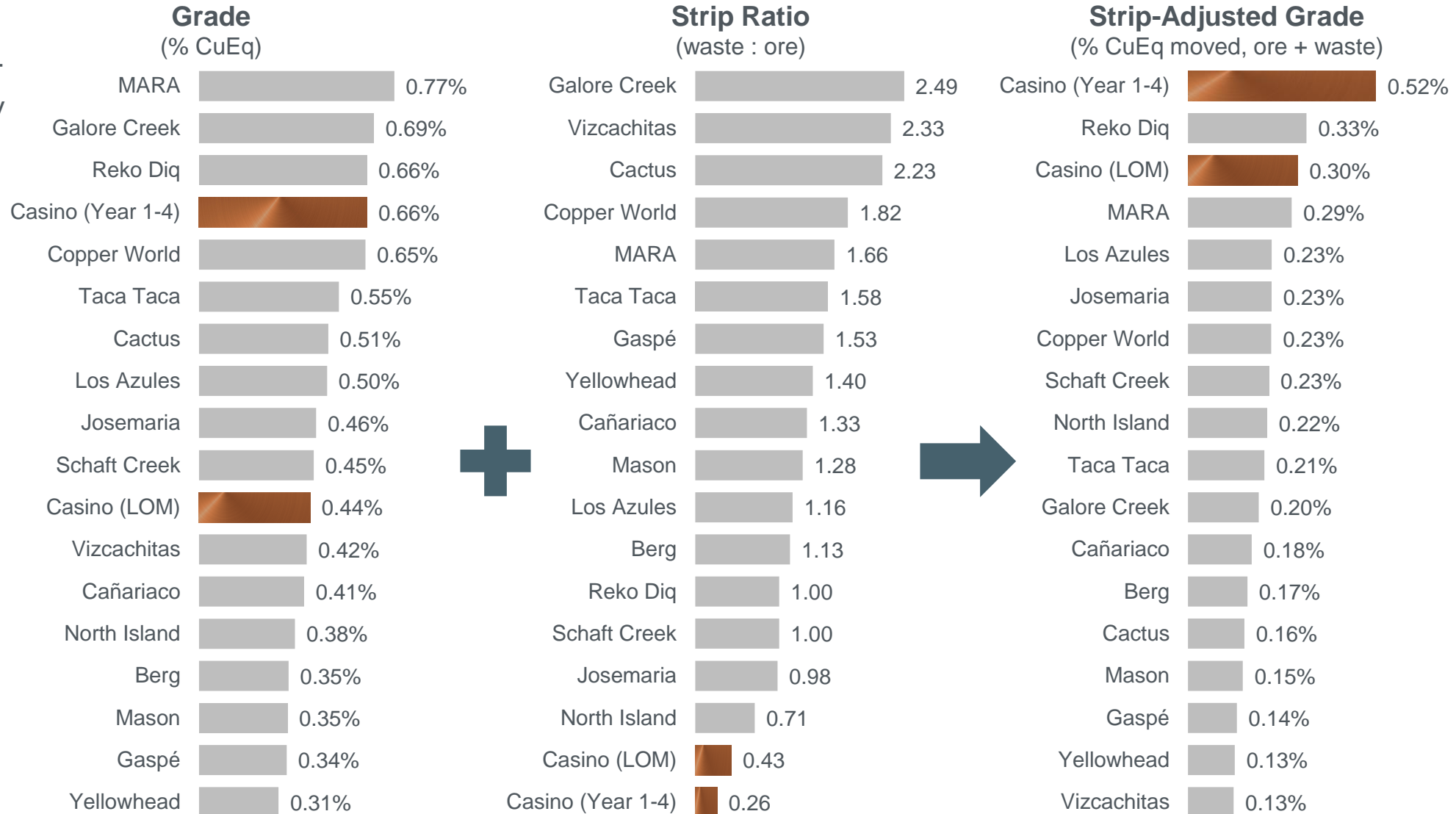


Notes: Peer data based on mineral reserve estimates disclosed in such company's respective corporate websites or technical reports. CuEq based on US\$3.60/lb Cu, US\$1,700/oz Au, US\$22/oz Ag, and US\$14/lb Mo, with no consideration for metallurgical recovery. See "Notes" in Appendix.



# THE RIGHT COMBINATION OF GRADE AND STRIP RATIO

- Good grades and a peer-leading strip-ratio are key advantages for the Casino Project



Notes: CuEq based on US\$3.60/lb Cu, US\$1,700/oz Au, US\$14/lb Mo, and US\$22/oz Ag, with no consideration for metallurgical recovery. Strip-adjusted grade calculated as CuEq grade divided by 1 + strip ratio. Grade and strip data from company filings and S&P Capital IQ. Reko Diq based on historical M&I resource and Barrick's '2022 Conceptual Design'.



# FEASIBILITY STUDY **SUMMARY**

**C\$2.33 Billion**

NPV  
AFTER-TAX (8%)

**18.1%**

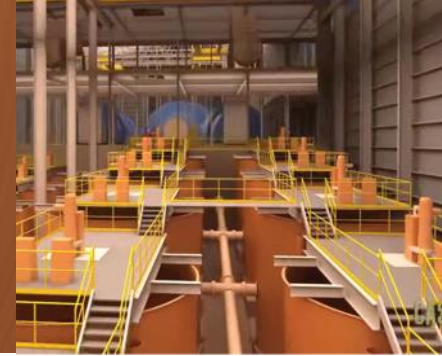
IRR  
AFTER-TAX

**0.43:1**

STRIP RATIO  
LOM

**3-year**

PAYBACK



**27 years**

MINE LIFE – Mill Operation

**\$10 Billion**

LOM CASH FLOW  
AFTER-TAX



Metal Prices: **Cu** US\$3.60/lb **Au** US\$1,700/oz **Ag** US\$22/oz **Mo** US\$14/lb; FX Rate: 1 **CAD** = US\$0.80.



# ECONOMIC THROUGHOUT THE COMMODITY CYCLE

			COPPER PRICE (US\$/lb)						
			US\$3.50	US\$3.60	US\$4.00	US\$4.50	US\$5.00	US\$5.50	US\$6.00
GOLD PRICE (US\$/oz)	US\$1,500	NPV 8%	C\$1,831	C\$1,944	C\$2,396	C\$2,961	C\$3,526	C\$4,091	C\$4,656
		IRR %	16.1%	16.5%	18.2%	20.2%	22.1%	23.9%	25.6%
		Payback (yrs)	3.7	3.6	3.3	3.0	2.8	2.6	2.4
	US\$1,700	NPV 8%	C\$2,221	C\$2,334	C\$2,786	C\$3,351	C\$3,917	C\$4,481	C\$5,043
		IRR %	17.7%	18.1%	19.7%	21.6%	23.5%	25.2%	26.9%
		Payback	3.4	3.3	3.0	2.8	2.6	2.4	2.3
	US\$2,000	NPV 8%	C\$2,807	C\$2,920	C\$3,372	C\$3,937	C\$4,501	C\$5,026	C\$5,624
		IRR %	19.9%	20.3%	21.9%	23.7%	25.5%	27.1%	28.7%
		Payback (yrs)	3.0	2.9	2.8	2.6	2.4	2.3	2.1
	US\$2,250	NPV 8%	C\$3,294	C\$3,407	C\$3,859	C\$4,423	C\$4,985	C\$5,547	C\$6,108
		IRR %	21.7%	22.1%	23.6%	25.4%	27.1%	28.7%	30.3%
		Payback (yrs)	2.8	2.7	2.6	2.4	2.3	2.1	2.0
	US\$2,500	NPV 8%	C\$3,782	C\$3,895	C\$4,346	C\$4,908	C\$5,469	C\$6,031	C\$6,593
		IRR %	23.5%	23.9%	25.3%	27.0%	28.7%	30.2%	31.8%
		Payback (yrs)	2.6	2.5	2.4	2.3	2.1	2.0	1.9
	US\$2,750	NPV 8%	C\$4,268	C\$4,381	C\$4,830	C\$5,392	C\$5,954	C\$6,515	C\$7,077
		IRR %	25.2%	25.6%	27.0%	28.6%	30.2%	31.8%	33.3%
		Payback (yrs)	2.4	2.4	2.3	2.4	2.0	1.9	1.9

**BASE CASE  
CAD:USD FX OF  
US\$0.80**

**BASE  
CASE**

**BROKER LT  
CONSENSUS**

Note: Based on Casino Copper-Gold 2022 Feasibility Study. CAD:USD exchange rate of US\$0.80. NPV and IRR are shown after-tax. "Broker LT Consensus" based on analyst consensus long-term commodity price forecasts, as provided by CIBC Capital Markets. See "Notes" in Appendix.



# DE-RISKED THROUGH QUICK PAYBACK

## CASH FLOW & PRODUCTION PROFILE

YEARS 1-4

LIFE-OF-MINE

		YEARS 1-4	LIFE-OF-MINE	
<b>AVERAGE ANNUAL CASH FLOW &amp; COSTS</b>	Cash Flow (Pre-tax)	(\$M)	C\$1,033	C\$662
	Cash Flow (After-tax)	(\$M)	C\$951	C\$517
	Net Smelter Return	(\$/t ore milled)	C\$43.15	C\$29.08
	Operating Cost	(\$/t ore milled)	C\$11.16	
<b>AVERAGE ANNUAL METAL PRODUCTION</b>	Copper	(Mlbs)	241	163
	Gold	(kozs)	333	211
	Silver	(kozs)	1,596	1,277
	Molybdenum	(Mlbs)	15.5	15.1
	Copper Equivalent	(Mlbs)	468	329
	Gold Equivalent	(kozs)	992	697



# ATTRACTIVE COST PROFILE

- Low strip ratio reduces the amount of waste tonnes moved, resulting in lower hauling costs (the largest component of mining costs)
- Deposit sits on a hilltop, single large open-pit
- Haul profiles are favourable (portion of the planned hauls are downhill loaded)
- Processing costs benefit from medium-softer ore
- Throughput of 120,000 tpd, benefits from economies of scale



## CASH COSTS

<b>BY-PRODUCT COSTS</b>	Copper Cash Cost Net of By-Product Credits (\$/lb)	(US\$0.80)
<b>CO-PRODUCT COSTS</b>	Copper Cash Cost Co-Product (\$/lb)	US\$1.54
	Gold Cash Cost Co-Product (\$/oz)	US\$799

Note: Based on Casino Copper-Gold 2022 Feasibility Study at base case metal prices. See "Notes" in Appendix.





# FEASIBILITY STUDY CAPITAL COSTS

## PROJECTED CAPITAL COSTS

<b>PROCESS PLANT &amp; INFRASTRUCTURE</b>	Project Directs (Including Freight)	C\$2,116
	Project Indirects	C\$431
	Contingency	C\$369
	<b>Subtotal</b>	<b>C\$2,916</b>
<b>MINE</b>	Mine Equipment	C\$433
	Mine Pre-production	C\$228
	<b>Subtotal</b>	<b>C\$661</b>
	<b>Owners Costs</b>	<b>C\$41</b>
<b>SUSTAINING &amp; TOTAL</b>	<b>Total Initial Capital</b>	<b>C\$3,618</b>
	Total Sustaining Capital	C\$751
	<b>Total Life-Of-Mine Capital</b>	<b>C\$4,369</b>



## SOCIAL

**Committed to health and safety and committed to the protection of cultural values**

- Ongoing Engagement with Local Communities and First Nations
- 16+ Years of Operating Responsibly in the Yukon
- Co-operation Agreements Signed with Key First Nations

## ENVIRONMENTAL

**Committed to exceeding best practices in protecting the environment**

- Accepted the Robert E Leckie Award for outstanding Environmental stewardship
- Committed to MAC's Towards Sustainable Mining (TSM) initiative

## GOVERNANCE

**Committed to high ethical standards and building long term value**

- Corporate Disclosure Policy
- Safety, Health & Environmental Policy
- Whistleblower Policy
- Insider Trading Policy

## SUPPORTING

- Reconciliation
- Yukon First Nations cultural awareness
- Yukon-wide health care
- Yukon education and family literacy
- Yukon community food security
- Yukon-wide sport and culture
- Yukon-wide mental health support
- Industry association support



# ACCESS ROAD FUNDING

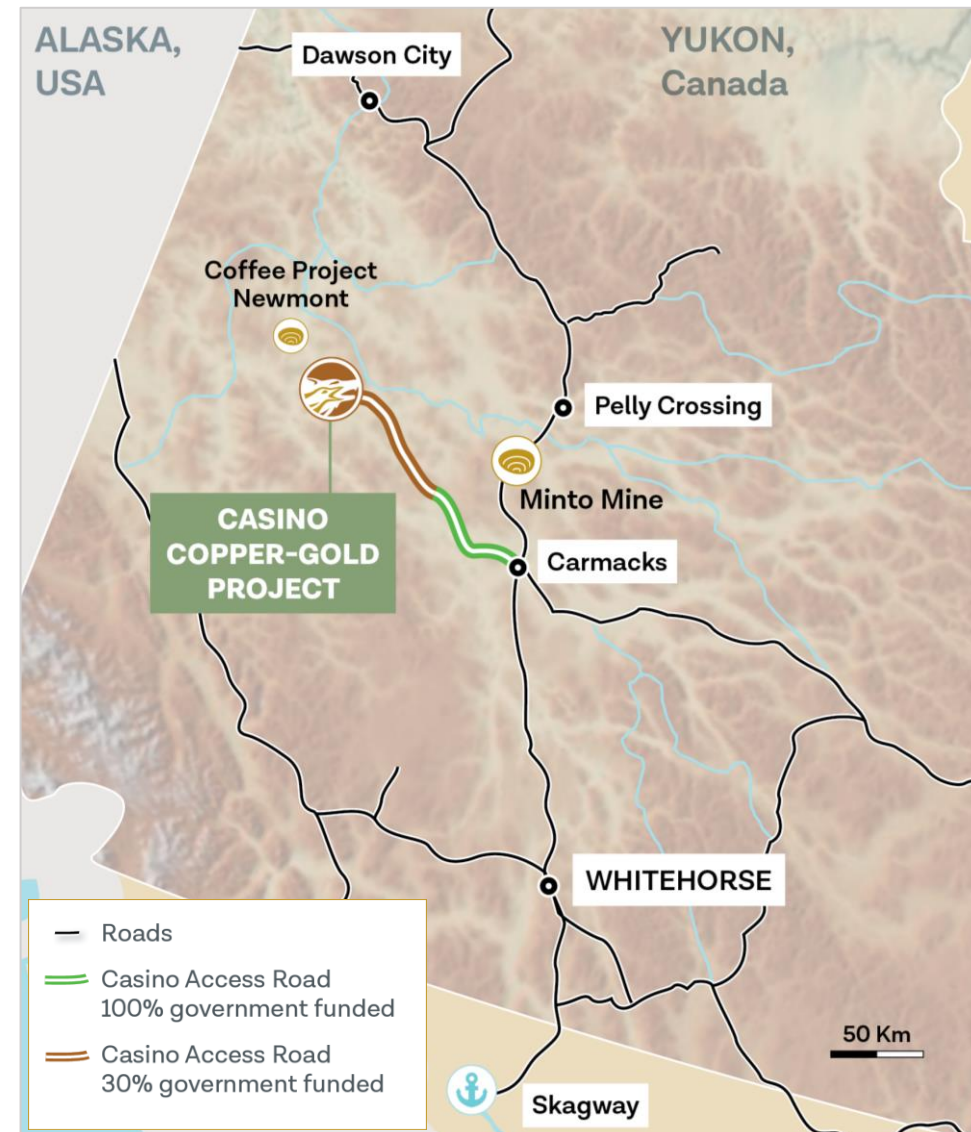
**C\$130  
Million**

**Yukon Resource Gateway Project funding  
the Casino Copper-Gold Access Road**

- Federal government has committed funding towards the construction of a 120 km road to access the Casino Project



- Construction of the road started in early 2022, with the **first 5 km completed late 2023**



# GOVERNMENT-LED INITIATIVE SECURES PORT ACCESS

 **C\$45  
Million**

Yukon government investing in Marine Services Platform as part of Skagway Port Redevelopment

- In March 2023, the Yukon government signed an MOU with Municipality of Skagway to secure long-term tidewater access for Yukon's mining industry
- Term sheet outlining an export cooperation agreement signed in September 2023
- The Yukon government has included C\$44.7M in its capital plan in 2025-28, with C\$21.3M approved by the legislature in November 2023
- Facility recently shipped Minto mine's copper concentrate
- Port is 560 km from the Casino Project

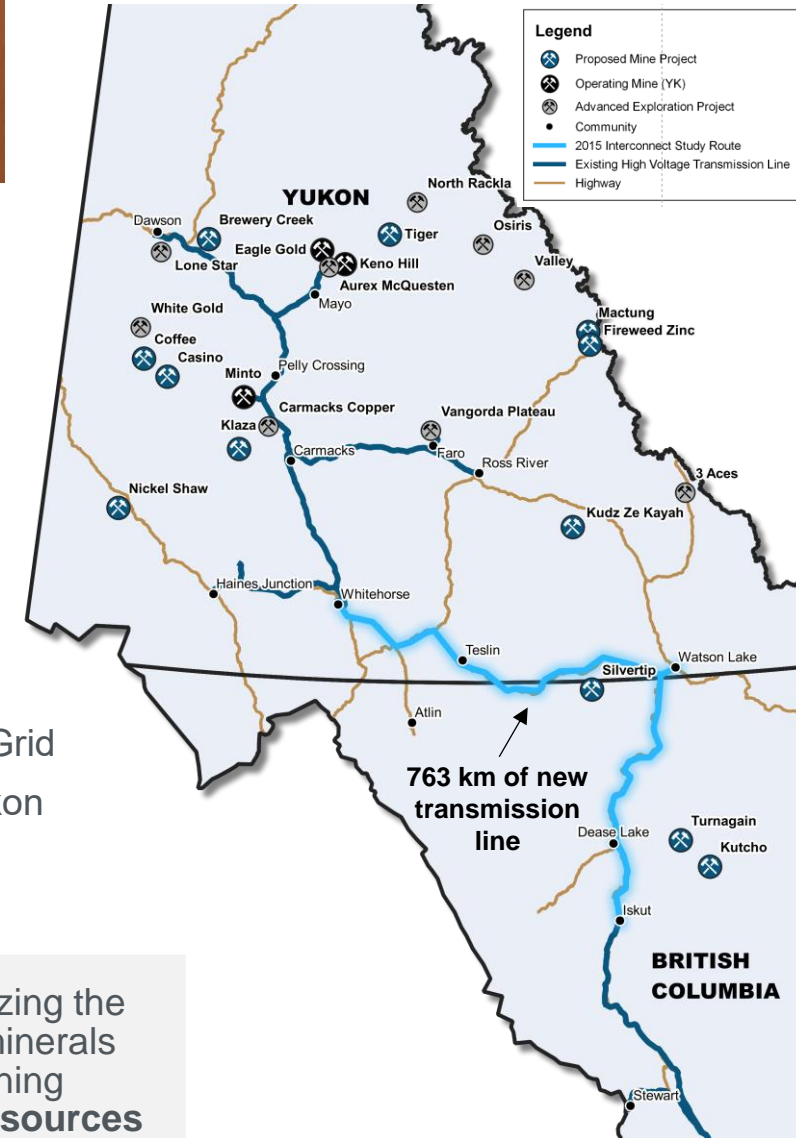


# PROGRESS ON YUKON-BC GRID INTERCONNECTION

**C\$40  
Million**

**Critical Minerals Infrastructure Fund investing in  
BC-Yukon Grid Connect Project**

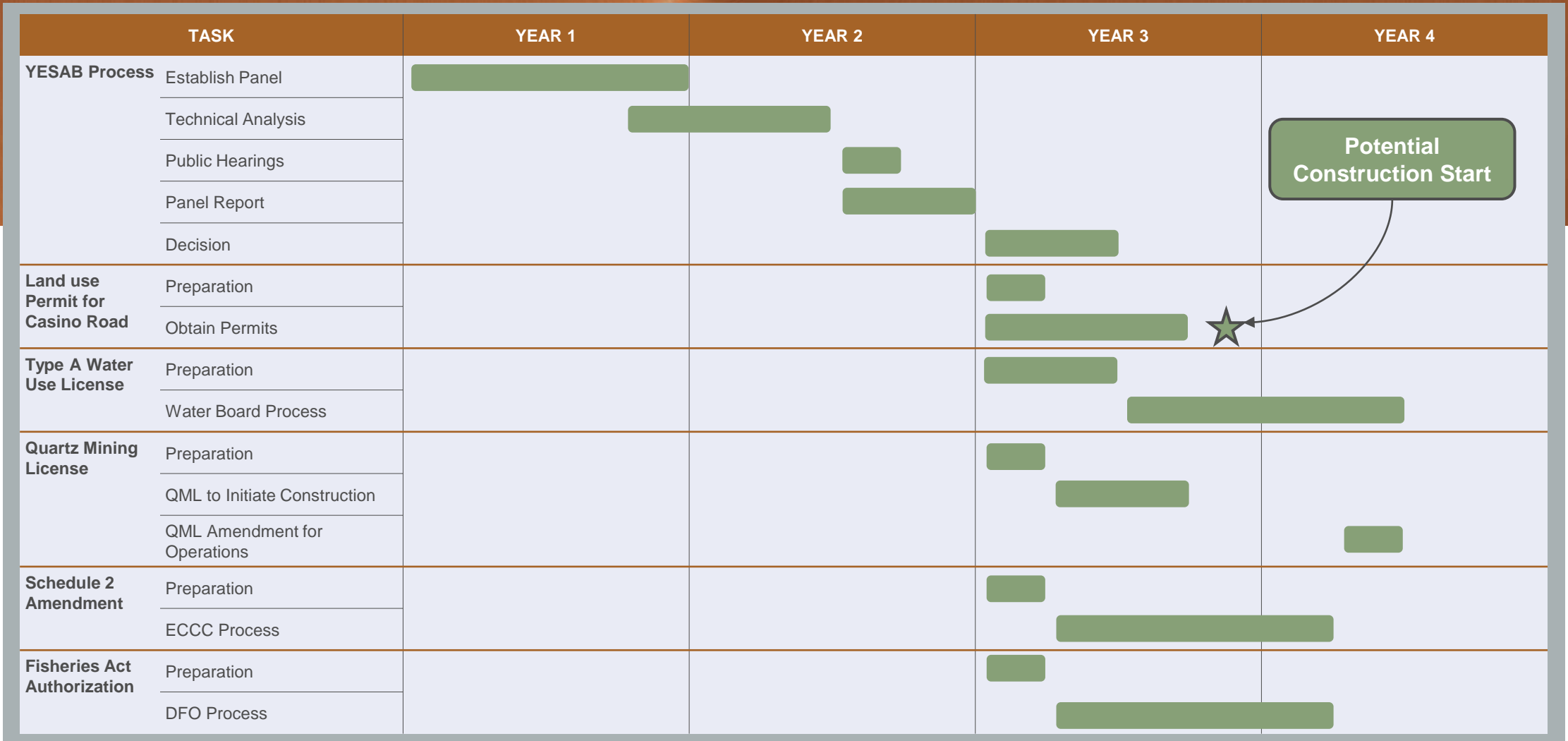
- Casino's base case is to use an LNG power plant
- The Yukon grid is beyond capacity, with 22 rental diesel generators addressing the shortfall; frequent power outages
- Canada's Critical Minerals Infrastructure Fund conditionally approved C\$40M to advance the BC-Yukon Grid Connect Project: **connecting the capacity-constrained Yukon grid to the North American grid in BC**
- **Major endorsement of the Casino Project**; aligns Casino's 130 MW load (which helps justify the Grid Connect Project), with the government's efforts to provide secure and sustainable energy to the Yukon
- A pathway to hydroelectric grid power is **transformative for the Casino Project**



“Developments like these help mines get built faster, and they are a key element in seizing the generational opportunity before us. These investments are needed to support critical minerals development in the region, improve community access and safety, and create good mining jobs...” – **The Honourable Jonathan Wilkinson, Minister of Energy and Natural Resources**



# CASINO PERMITTING TIMELINE



# INVESTMENT HIGHLIGHTS

- **Multi-decade** copper and gold resource
- **High-grade core** leads to quick payback
- **Low strip ratio** drives attractive cost profile
- **Significant leverage** to rising commodity prices
- **Yukon is supportive** mining district
- **De-risking** through permitting
- **Improving infrastructure** backdrop through government initiatives
- **Major endorsements** and partnerships
- **Immense scarcity value** of similar projects





# APPENDIX





## **Economic Impact** of the development of Casino Copper-Gold on the Yukon and Canada

### **Over the life-of-mine, the Casino Project is estimated to:**

- Contribute C\$44.3 billion to Canada's GDP
- Create 132,280 full-time equivalent positions
- Generate C\$12.8 billion in wages and salaries
- Generate C\$11.2 billion in taxes and royalties to various governments

### **Each year, the Casino Project is estimated to:**

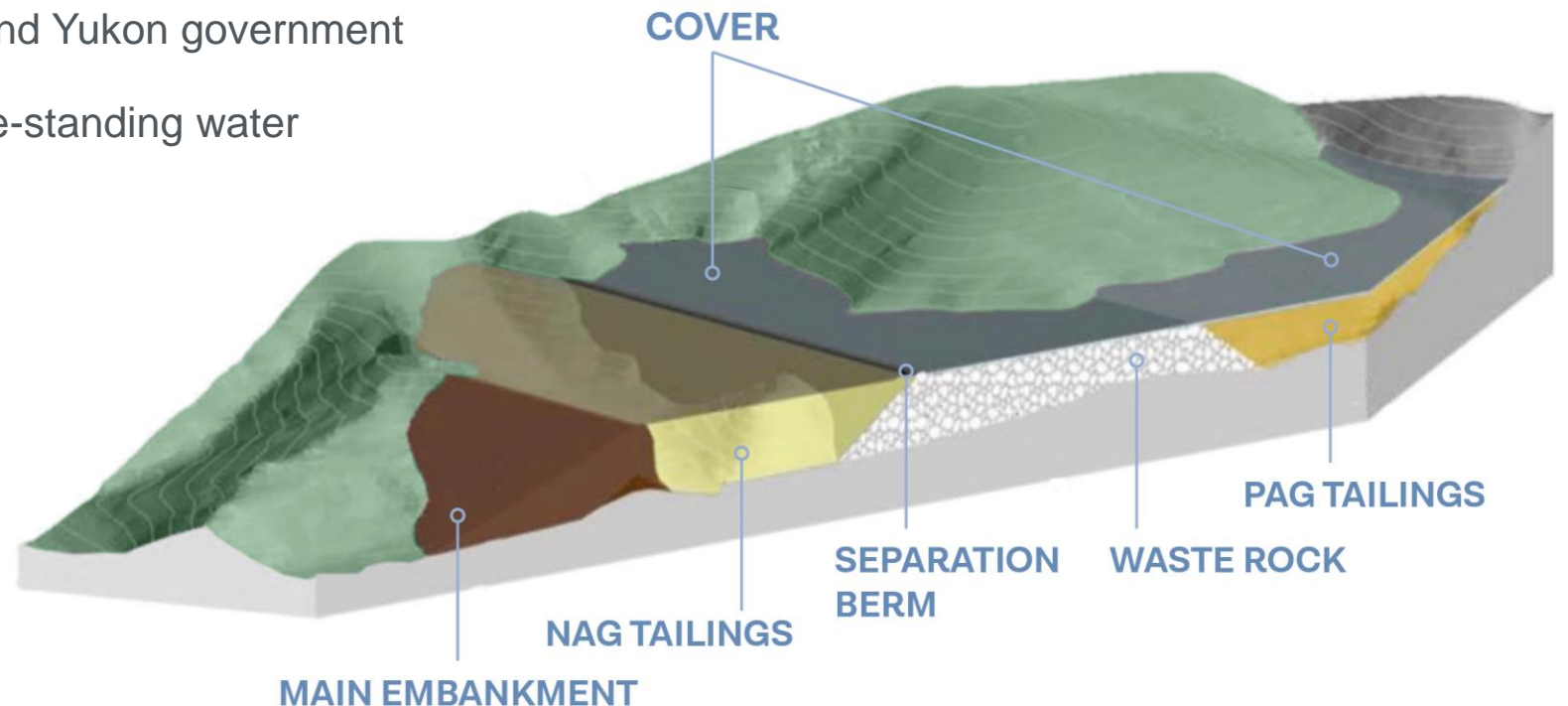
- Contribute C\$1.3 billion to Yukon's economy
- Contribute C\$1.5 billion to Canada's GDP through operation of the mine
- Creating 3,880 full-time equivalent positions
- Generate C\$391 million in wages and salaries across Canada

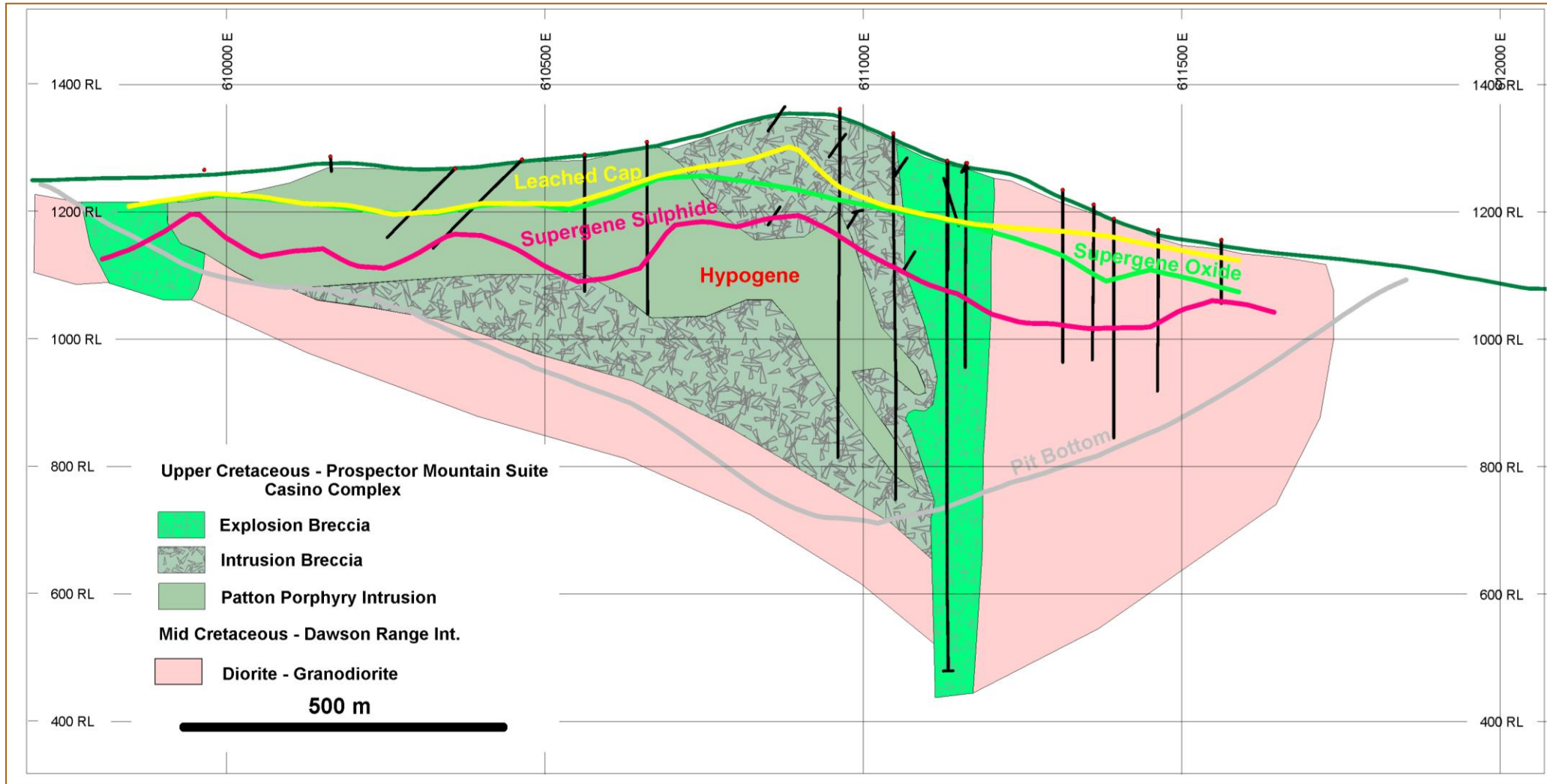
## Tailings Facility Redesign

Reduced Risk, Reduced Environmental Impact and Improved Safety

- Redesign incorporates the outcomes of the BATT study – a collaboration with First Nations, YESAB, and Yukon government
- Substantial reduction in the quantity of free-standing water impounded during operations
- PAG tailings moved to the back of the facility protected by Waste Rock and Main Embankment

- Closure by rock/sand cover limiting the need for tailings “pond”
- Several other changes to the design to reduce construction risk





# MINING

- Pit designs for five mining phases were developed to produce 45.4 Mtpa of mill feed ore
- Mill material is limited to 1.2 Bt due to TMF capacity
- The pits were designed with 40 m wide ramps, 20 m benches
- Pit slope angles of 45 degree for most of the pit, with some areas at 42 degrees
- Komatsu 980E or similar haul trucks (370 t class)
- Floating cone based on US\$1.75/lb Cu, US\$835/oz Au – very low prices as pit is constrained by TMF capacity
- Pit is electrified to power shovels and drills
- Strip ratio is 0.43:1 over the life-of-mine



# PROCESSING

## ● Milling

- Throughput: Average life-of-mine 120,000 tpd
- Grinding Circuit: 40 ft SAG Mill (29 MW) + 2 x 28 ft Ball Mills (22 MW each)
- Medium – soft ore: BWi – 14.5 kWh/t, 200 µm primary grind

## ● Flotation

- Conventional copper/moly circuit
- Recoveries: Copper 86%, Gold 67%, Moly 71%, Silver 53%
- Sulfide removal circuit to produce suitable tailings for dam construction

## ● Heap Leach

- Conventional crush/conveyer stack valley fill heap leach
- 25,000 tpd
- SART to remove copper from solution
- Recoveries: Gold 80%, Silver 26%, Copper 18%



# EXCELLENT CONCENTRATE QUALITY

**COPPER CONCENTRATE**

ELEMENT	AVG VALUE	UNIT
Copper	28	%
Gold	25	g/t
Silver	120	g/t
Molybdenum	0.05	%
Iron	26	%
Sulphur	36	%
Arsenic	200	g/t
Antimony	250	g/t
Mercury	1	g/t
Cadmium	40	g/t
Fluorine	100	g/t
Silica	2	%

**MOLYBDENUM CONCENTRATE**

ELEMENT	AVG VALUE	UNIT
Molybdenum	57.4	%
Copper	0.39	%
Rhenium	133.5	g/t
Iron	0.8	%
Sulphur	37.9	%
Arsenic	1,659	g/t
Antimony	100	g/t
Mercury	<1	g/t
Cadmium	3	g/t
Fluorine	ND	g/t
Silica	1.74	%



# FEASIBILITY STUDY OPERATING COST

## UNIT COSTS

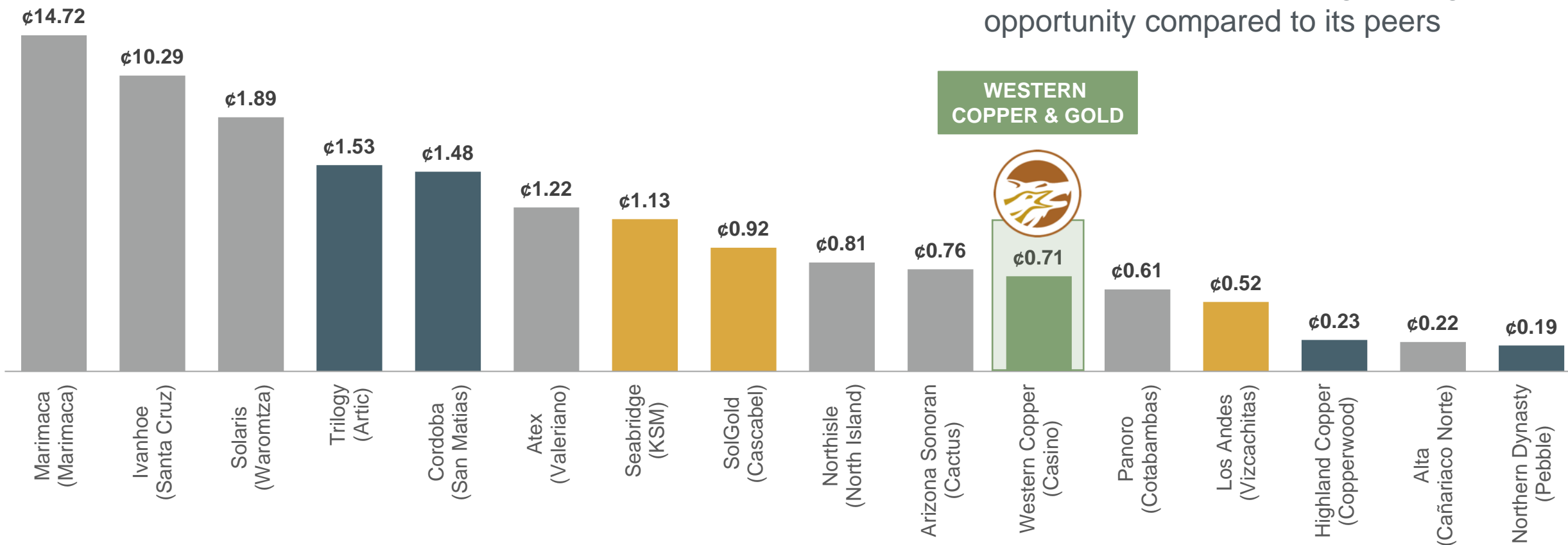
## LIFE-OF-MINE

<b>MILLING OPERATION</b>	Milling	(\$/t ore milled)	C\$6.42
	Mining	(\$/t ore milled)	C\$4.28
	General & Administrative	(\$/t ore milled)	C\$0.46
	<b>Total</b>	<b>(\$/t ore milled)</b>	<b>C\$11.16</b>
<b>HEAP LEACH OPERATION</b>	Heap Leach Operation	(\$/t leached)	C\$1.93
	ADR/SART	(\$/t leached)	C\$4.80
	<b>Total</b>	<b>(\$/t leached)</b>	<b>C\$6.73</b>



# ENTERPRISE VALUE/COPPER EQUIVALENT RESOURCE BENCHMARKING (US¢/lb CuEq)

- WRN is undervalued with greater growth opportunity compared to its peers

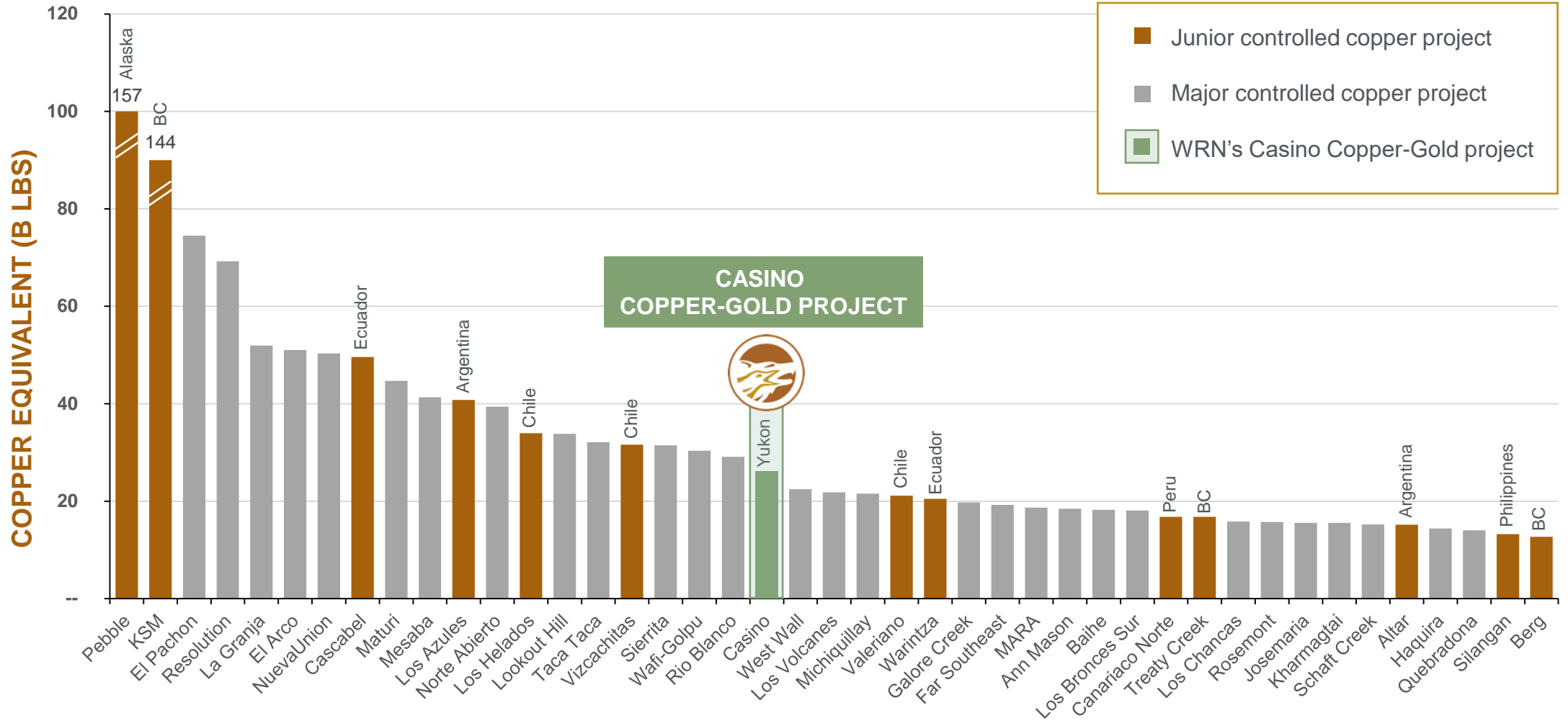


Note: Data from S&P CapIQ and company filings. CuEq resource calculated using US\$3.60/lb Cu, US\$1,700/oz Au, US\$14/lb Mo, and \$22/oz Ag.





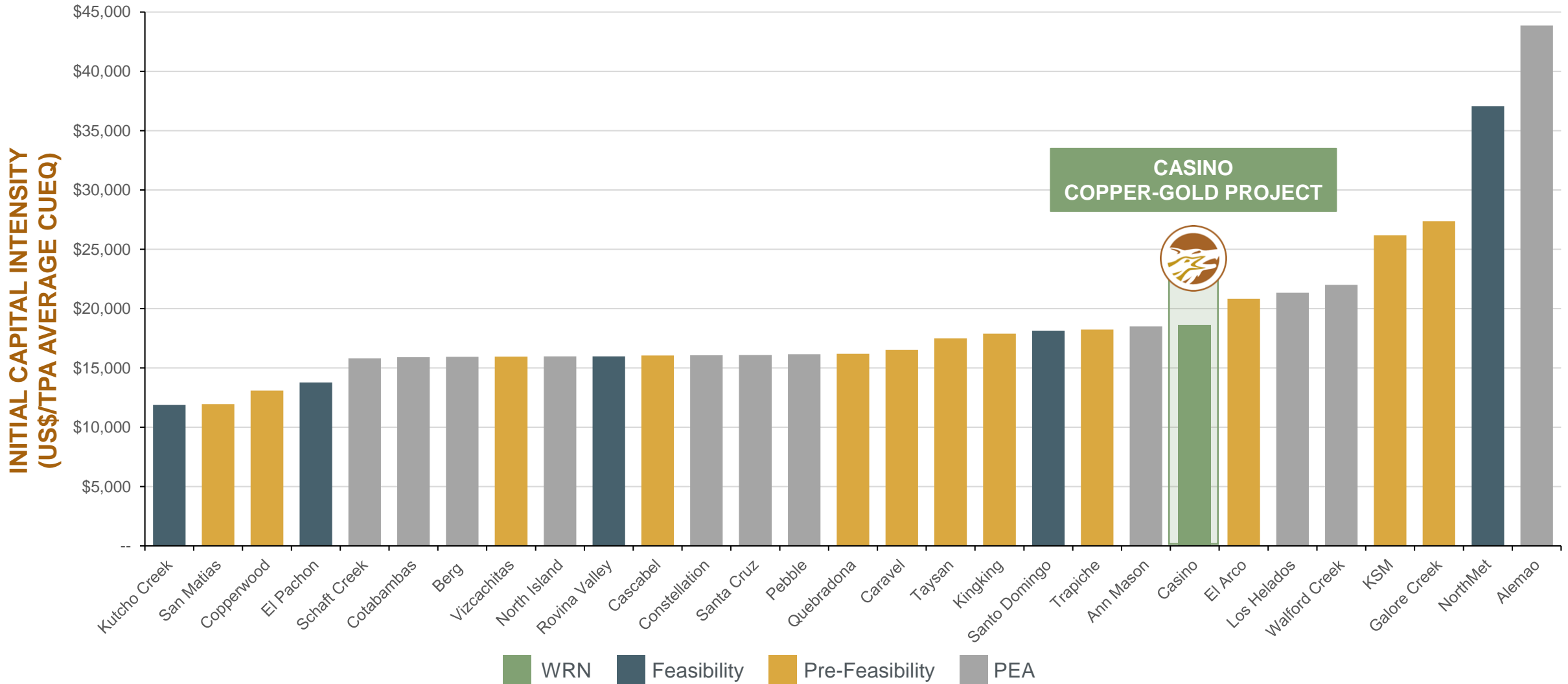
# 7<sup>th</sup> LARGEST UNDEVELOPED COPPER-GOLD PROJECT CONTROLLED BY A JUNIOR



Note: Data from S&P CapIQ and company filings.



# COPPER DEVELOPMENT PROJECT CAPITAL INTENSITY

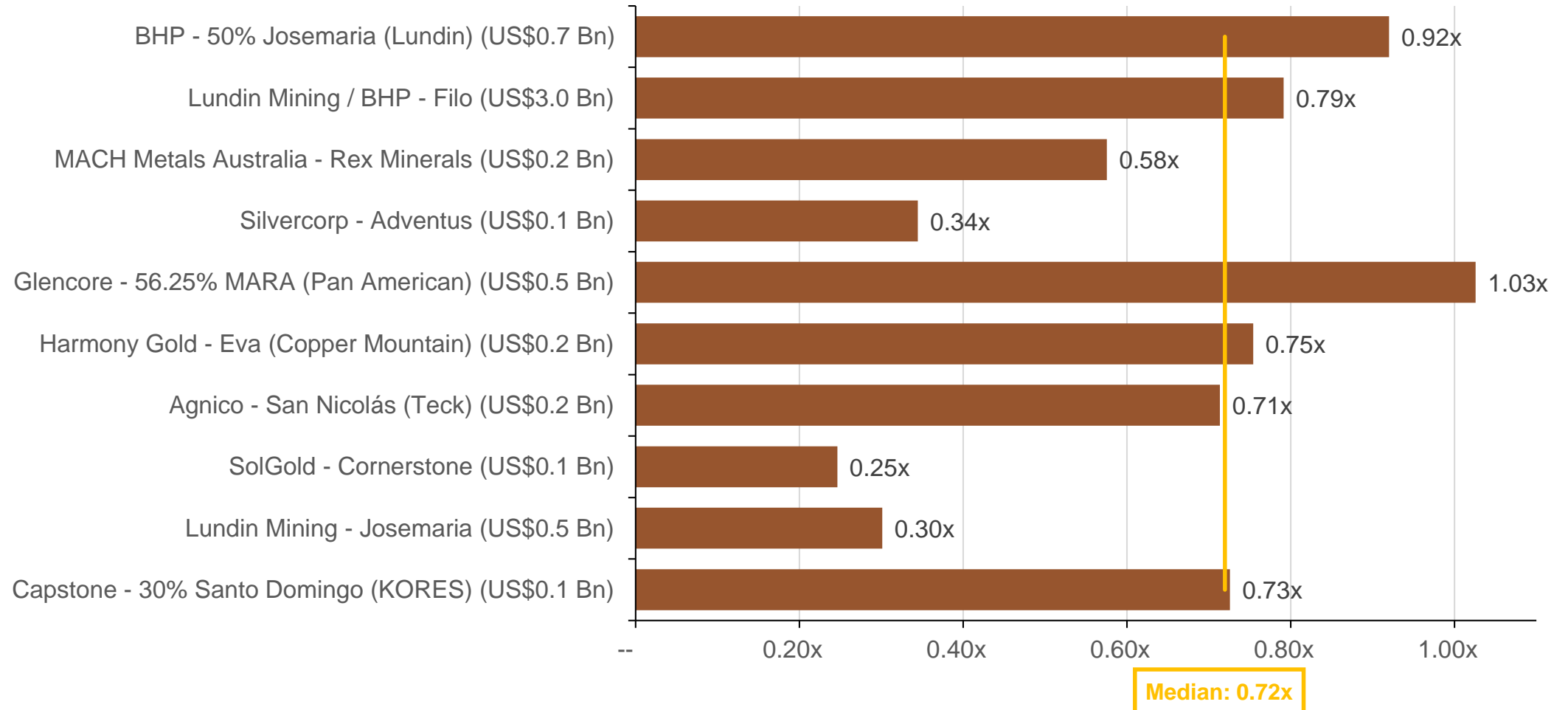


Notes: Data from S&P CapIQ on select copper or copper-gold projects. CuEq production calculated using US\$3.60/lb Cu, US\$1,700/oz Au, US\$14/lb Mo, and \$22/oz Ag.

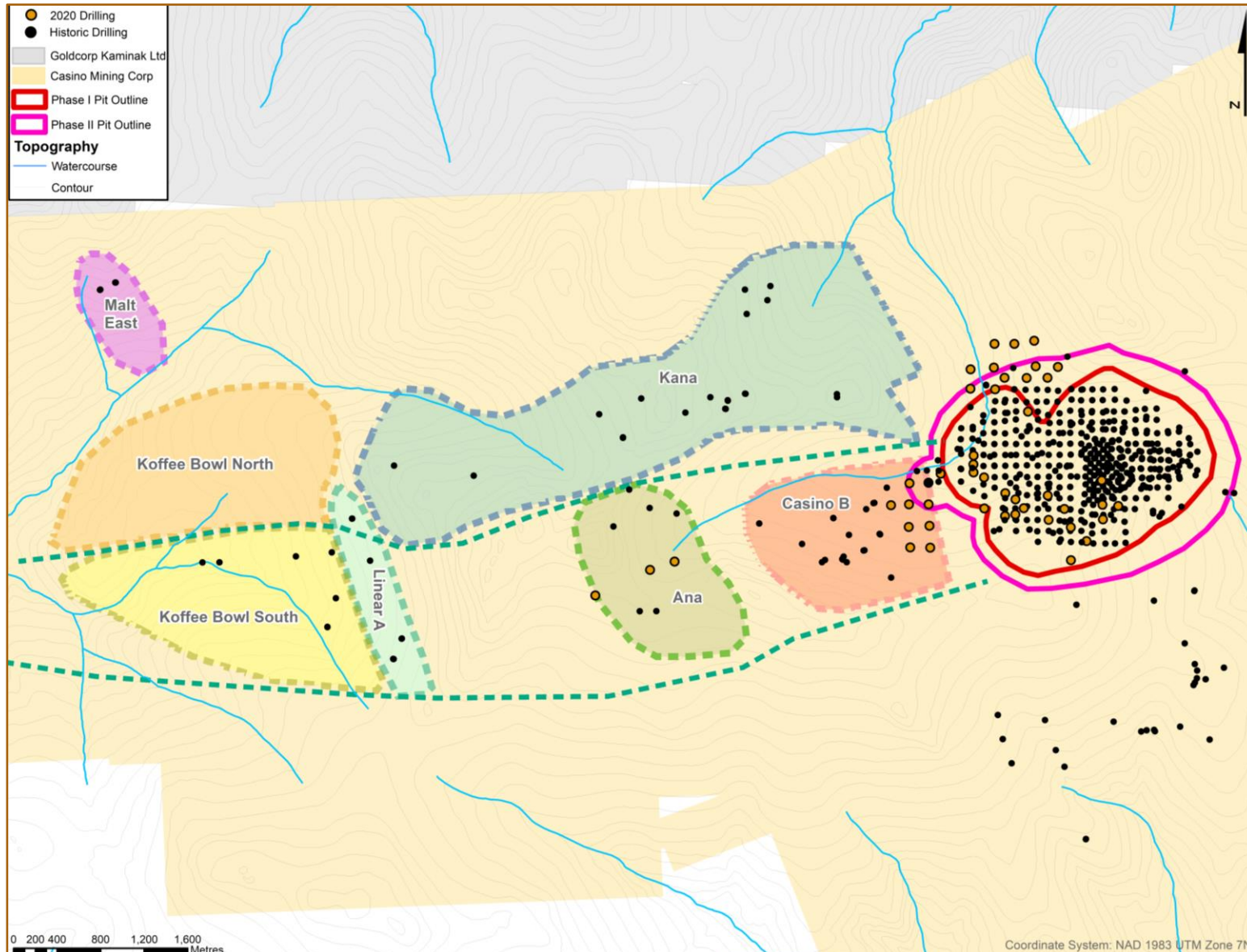


# COPPER DEVELOPMENT TRANSACTIONS

## ANALYST CONSENSUS PRICE / NAV MULTIPLES



# ANA AND CASINO B



- Significant exploration potential to the west of the pit
- Both copper targets similar to Casino and gold targets similar to the Coffee deposit to the north



# 2022 CASINO COPPER-GOLD RESOURCE

## MILL RESOURCE (\$6.11/t NSR CUTOFF)

Class	Mt	NSR (C\$/t)	Copper (%)	Gold (g/t)	Moly (%)	Silver (g/t)	CuEq (%)	Copper (M lb)	Gold (M oz)	Moly (M lb)	Silver (M oz)
Measured	144.9	40.09	0.30	0.38	0.024	2.1	0.64	953	1.8	75.2	9.6
Indicated	2,114.2	20.34	0.14	0.16	0.015	1.4	0.29	6,493	11.1	716.0	93.5
<b>M+I</b>	<b>2,259.0</b>	<b>21.60</b>	<b>0.15</b>	<b>0.18</b>	<b>0.016</b>	<b>1.4</b>	<b>0.31</b>	<b>7,446</b>	<b>12.9</b>	<b>791.2</b>	<b>103.1</b>
Inferred	1,371.5	15.41	0.10	0.14	0.009	1.1	0.21	3,029	6.1	286.0	50.5

## HEAP LEACH RESOURCE (\$6.61/t NSR CUT-OFF)

Class	Mt	NSR (C\$/t)	Copper (%)	Gold (g/t)	Silver (g/t)	AuEq (g/t)	Copper (M lb)	Gold (M oz)	Silver (M oz)
Measured	43.3	23.79	0.05	0.44	2.7	0.47	51.5	0.62	3.7
Indicated	188.4	11.47	0.04	0.21	1.7	0.23	145.4	1.27	10.4
<b>M+I</b>	<b>231.7</b>	<b>13.77</b>	<b>0.04</b>	<b>0.25</b>	<b>1.9</b>	<b>0.27</b>	<b>196.9</b>	<b>1.88</b>	<b>14.1</b>
Inferred	40.9	11.33	0.05	0.20	1.4	0.22	46.9	0.27	1.9



# 2022 CASINO COPPER-GOLD RESOURCE

## TOTAL RESOURCE (MILL + HEAP LEACH)

Class	Mt	NSR (C\$/t)	Copper (%)	Gold (g/t)	Silver (g/t)	Copper (M lb)	Gold (M oz)	Silver (M oz)
<b>Measured</b>	188.2	36.34	0.24	0.40	2.2	1,005.0	2.4	13.3
<b>Indicated</b>	2,302.6	19.61	0.13	0.17	1.4	6,638.1	12.4	103.9
<b>M+I</b>	<b>2,490.7</b>	<b>20.88</b>	<b>0.14</b>	<b>0.18</b>	<b>1.5</b>	<b>7,643.1</b>	<b>14.8</b>	<b>117.2</b>
<b>Inferred</b>	1,412.5	15.30	0.10	0.14	1.2	3,075.5	6.3	52.3



# 2022 CASINO COPPER-GOLD RESERVE

MILL RESERVE											
Class	Mt	NSR (C\$/t)	Copper (%)	Gold (g/t)	Moly (%)	Silver (g/t)	CuEq (%)	Copper (M lb)	Gold (M oz)	Moly (M lb)	Silver (M oz)
<b>Proven</b>	140.1	38.50	0.31	0.39	0.024	2.1	0.67	944	1.8	74.9	9.4
<b>Probable</b>	1,076.9	23.68	0.17	0.19	0.021	1.6	0.36	4,135	6.7	497.1	55.5
<b>P+P</b>	<b>1,217.1</b>	<b>25.38</b>	<b>0.19</b>	<b>0.22</b>	<b>0.021</b>	<b>1.7</b>	<b>0.40</b>	<b>5,079</b>	<b>8.5</b>	<b>571.9</b>	<b>64.9</b>

HEAP LEACH RESERVE											
Class	Mt	NSR (C\$/t)	Gold (g/t)	Copper (%)	Moly (%)	Silver (g/t)	AuEq (g/t)	Gold (M oz)	Copper (M lb)	Moly (M lb)	Silver (M oz)
<b>Proven</b>	42.9	22.52	0.45	0.055	N/A	2.7	0.47	0.62	51.8	N/A	3.7
<b>Probable</b>	166.8	11.14	0.22	0.031	N/A	1.8	0.23	1.17	113.5	N/A	9.4
<b>P+P</b>	<b>209.6</b>	<b>13.47</b>	<b>0.26</b>	<b>0.036</b>	<b>N/A</b>	<b>1.9</b>	<b>0.28</b>	<b>1.78</b>	<b>165.3</b>	<b>N/A</b>	<b>13.1</b>



## “Casino Copper-Gold Feasibility Study”

- Technical report entitled “Casino Copper-Gold Project, Form 43-101 F1 Technical Report Feasibility Study” dated June 13, 2022, a copy of which is available on the Company’s website at [www.westerncopperandgold.com](http://www.westerncopperandgold.com).
- Prepared by: Daniel Roth, P.Eng.; Laurie Tahija, MMSA-QP; Patrick Dugan, P.E.; Mike Hester, F Aus IMM; John M. Marek, P.Eng.; Carl Schulze, P.Geo.; Daniel Friedman, P.Eng; Scott Weston, P.Geo; each of whom is a qualified person pursuant to National Instrument 43-101 (“Qualified Person”)
- Mineral Resources
  - The Mineral Resources have an effective date of 29 April 2022 and the estimate was prepared using the definitions in CIM Definition Standards (10 May 2014).
  - All figures are rounded to reflect the relative accuracy of the estimate and therefore numbers may not appear to add precisely.
  - Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.
  - Mineral Resources for leach material are based on prices of US\$3.50/lb copper, US\$1,650/oz gold and US\$22/oz silver
  - Mineral Resources for mill material are based on prices of US\$3.50/lb copper, US\$1,650/oz gold, US\$22/oz silver, and US\$12.00/lb moly.
  - Mineral Resources are based on NSR cut-off of C\$6.61/t for leach material and C\$6.11/t for mill material.
  - NSR value for leach material is as follows:
    - $NSR (C\$/t) = \$15.21 \times \text{copper } (\%) + \$50.51 \times \text{gold } (g/t) + \$0.210 \times \text{silver } (g/t)$ , based on copper recovery of 18%, gold recovery of 80% and silver recovery of 26%.
- NSR value for hypogene sulphide mill material is:
  - $NSR (C\$/t) = \$73.81 \times \text{copper } (\%) + \$41.16 \times \text{gold } (g/t) + \$213.78 \times \text{moly } (\%) + 0.386 \times \text{silver } (g/t)$ , based on recoveries of 92.2% copper, 66% gold, 50% silver and 78.6% moly.
- NSR value for supergene mill material is:
  - $NSR (C\$/t) = \$80.06 \times \text{recoverable copper } (\%) + \$43.03 \times \text{gold } (g/t) + \$142.11 \times \text{moly } (\%) + 0.464 \times \text{silver } (g/t)$ , based on recoveries of 69% gold, 60% silver and 52.3% moly. Recoverable copper =  $0.94 \times (\text{total copper} - \text{soluble copper})$ .
- Mineral Resources are reported in relation to a conceptual constraining pit shell in order to demonstrate reasonable prospects for eventual economic extraction, as required by the definition of Mineral Resource in NI 43-101; mineralization lying outside of the pit shell is excluded from the Mineral Resource.
- AuEq and CuEq values are based on prices of US\$3.50/lb copper, US\$1,650/oz gold, US\$22/oz silver, and US\$12.00/lb moly, and account for all metal recoveries and smelting/refining charges.
- The NSR calculations also account for smelting and refining charges and payables.





## “Casino Copper-Gold Feasibility Study”

### ● Mineral Reserve

- The Mineral Reserve estimate has an effective date of June 13, 2022 and was prepared using the CIM Definition Standards (10 May 2014).
- Columns may not sum exactly due to rounding.
- Mineral Reserves are based on commodity prices of US\$3.25/lb Cu, US\$1,550/oz Au, US\$12.00/lb Mo, and US\$22.00/oz Ag.
- Mineral Reserves amenable to milling are based on NSR cutoffs that vary by time period to balance mine and plant production capacities. They range from a low of \$6.11/t to a high of \$25.00/t.
- NSR value for supergene (SOX and SUS) mill material is
  - $NSR (C\$/t) = \$73.63 \times \text{recoverable copper } (\%) + \$40.41 \times \text{gold } (g/t) + \$142.11 \times \text{moly } (\%) + 0.464 \times \text{silver } (g/t)$ , based on recoveries of 69% gold, 52.3% molybdenum and 60% silver. Recoverable copper =  $0.94 \times (\text{total copper} - \text{soluble copper})$ .
- NSR value for hypogene (HYP) mill material is
  - $NSR (C\$/t) = \$67.88 \times \text{copper } (\%) + \$38.66 \times \text{gold } (g/t) + \$213.78 \times \text{moly } (\%) + \$0.386 \times \text{silver } (g/t)$ , based on recoveries of 92.2% copper, 66% gold, 78.6% molybdenum and 50% silver.
- Mineral Reserves amenable to heap leaching are based on an NSR cutoff of \$6.61/t.

### • NSR value for leach material is

- $NSR (C\$/t) = \$14.05 \times \text{copper } (\%) + \$47.44 \times \text{gold } (g/t) + \$0.210 \times \text{silver } (g/t)$ , based on recoveries of 18% copper, 80% gold and 26% silver.
- AuEq and CuEq values are based on prices of US\$ 3.25/lb Cu, US\$1,550/oz Au, US\$12.00/lb Mo, and US\$22.00/oz Ag, and account for all metal recoveries and smelting/refining charges.
- The NSR calculations also account for smelter/refinery treatment charges and payables.

## Other technical information in this presentation:

- Technical information regarding the Casino Copper-Gold Project contained in this presentation is based on the Casino Copper-Gold 2022 FS prepared by or under the supervision of the Qualified Persons noted previously.
- Copper equivalent calculations in this presentation, not associated with the Casino mineral resource or reserve, are based on: US\$3.60/lb copper; US\$1,700/oz gold; US\$14/lb molybdenum; and US\$22/oz silver with no accounting for metallurgical recovery.





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COPPER AND GOLD



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