

ASCU:TSX  
ASCUF:OTCQX

# Cactus Project Pre-Feasibility Study

## American Copper for the US Energy Transition

Invest in Sustainability | February 2024

ARIZONA SONORAN  
COPPER COMPANY



## Forward-Looking Statements

This news release contains “forward-looking statements” and/or “forward-looking information” (collectively, “forward-looking statements”) within the meaning of applicable securities legislation. All statements, other than statements of historical fact, are forward-looking statements. Generally, forward-looking statements can be identified by the use of forward-looking terminology such as “plans”, “expect”, “is expected”, “in order to”, “is focused on” (a future event), “estimates”, “intends”, “anticipates”, “believes” or variations of such words and phrases or statements that certain actions, events or results “may”, “could”, “would”, or the negative connotation thereof. In particular, statements regarding ASCU’s future operations, future exploration and development activities or other development plans constitute forward-looking statements. By their nature, statements referring to mineral reserves or mineral resources constitute forward-looking statements. Forward-looking statements in this news release include, but are not limited to statements with respect to the results (if any) of further exploration work to define and expand or upgrade mineral resources and reserves at ASCU’s properties; the anticipated exploration, drilling, development, construction and other activities of ASCU and the result of such activities; the mineral resources and mineral reserves estimates of the Cactus Project (and the assumptions underlying such estimates); the ability of exploration work (including drilling) to accurately predict mineralization; the ability of management to understand the geology and potential of the Cactus Project; the focus of the 2024 drilling program at the Cactus Project including the Parks/Salyer deposit and MainSpring property; the ability to generate additional drill targets; the ability of ASCU to complete its exploration objectives in 2024 in the timing contemplated (if at all); the completion and timing for the filing of the Technical Report; the timing and ability of ASCU to produce a preliminary economic assessment (including the MainSpring property) (if at all); the timing and ability of ASCU to produce the Nuton Case PFS (if at all); the scope of any future technical reports and studies conducted by ASCU; the ability to realize upon mineralization in a manner that is economic; the impact of bringing the MainSpring property into the mine plan; the ability and timing of ASCU to commence operations (if at all); the robust economics and opportunity represented by the Cactus Project; the ability of ASCU’s operations to be among the top 10 copper operations in Arizona and the US (if at all); the impact of the Nuton™ technologies on ASCU operations and cost relating to same; the impact of the relationship with Nuton on ASCU and its operations and any other information herein that is not a historical fact.

ASCU considers its assumptions to be reasonable based on information currently available but cautions the reader that their assumptions regarding future events, many of which are beyond the control of the Company, may ultimately prove to be incorrect since they are subject to risks and uncertainties that affect ASCU, its properties and business. Such risks and uncertainties include, but not limited to, the global economic climate, developments in world commodity markets, changes in commodity prices (particularly prices of copper), risks relating to fluctuations in the Canadian dollar and other currencies relative to the US dollar, risks relating to capital market conditions and ASCU’s ability to access capital on terms acceptable to ASCU for the contemplated exploration and development at the Company’s properties, changes in exploration, development or mining plans due to exploration results and changing budget priorities of ASCU or its joint venture partners, the effects of competition in the markets in which ASCU operates, results of further exploration work, the ability to continue exploration and development at ASCU’s properties, the ability to successfully apply the Nuton™ technologies in ASCU’s properties, the impact of the Nuton™ technologies on ASCU operations and cost relating to same, the timing and ability for ASCU to prepare and complete the Nuton Case PFS and the costs relating to same, errors in geological modelling, changes in any of the assumptions underlying the PFS, the ability to expand operations or complete further exploration activities, the ability to obtain regulatory approvals, the impact of changes in the laws and regulations regulating mining exploration, development, closure, judicial or regulatory judgments and legal proceedings, operational and infrastructure risks and the additional risks described in ASCU’s most recently filed Annual Information Form, annual and interim management’s discussion and analysis, copies of which are available on SEDAR+ ([www.sedarplus.ca](http://www.sedarplus.ca)) under ASCU’s issuer profile. ASCU’s anticipation of and success in managing the foregoing risks could cause actual results to differ materially from what is anticipated in such forward-looking statements.

Although management considers the assumptions contained in forward-looking statements to be reasonable based on information currently available to it based on information available at the date of preparation, those assumptions may prove to be incorrect. There can be no assurance that these forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements and are urged to carefully consider the foregoing factors as well as other uncertainties and risks outlined in ASCU’s public disclosure record.

ASCU disclaims any obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise, except as required by law.



## **Non-IFRS Financial Performance Measures**

This news release contains certain non-IFRS measures, including sustaining capital, sustaining costs,

C1 cash costs and AISC. The Company believes that these measures, together with measures determined in accordance with IFRS, provide investors with an improved ability to evaluate the underlying performance of the Company. Non-IFRS measures do not have any standardized meaning prescribed under IFRS, and therefore they may not be comparable to similar measures employed by other companies. The data is intended to provide additional information and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS.

## **Cautionary Statement Regarding Estimates of Mineral Resources**

This news release uses the terms measured, indicated and inferred mineral resources as a relative measure of the level of confidence in the resource estimate. Readers are cautioned that mineral resources are not mineral reserves and that the economic viability of resources that are not mineral

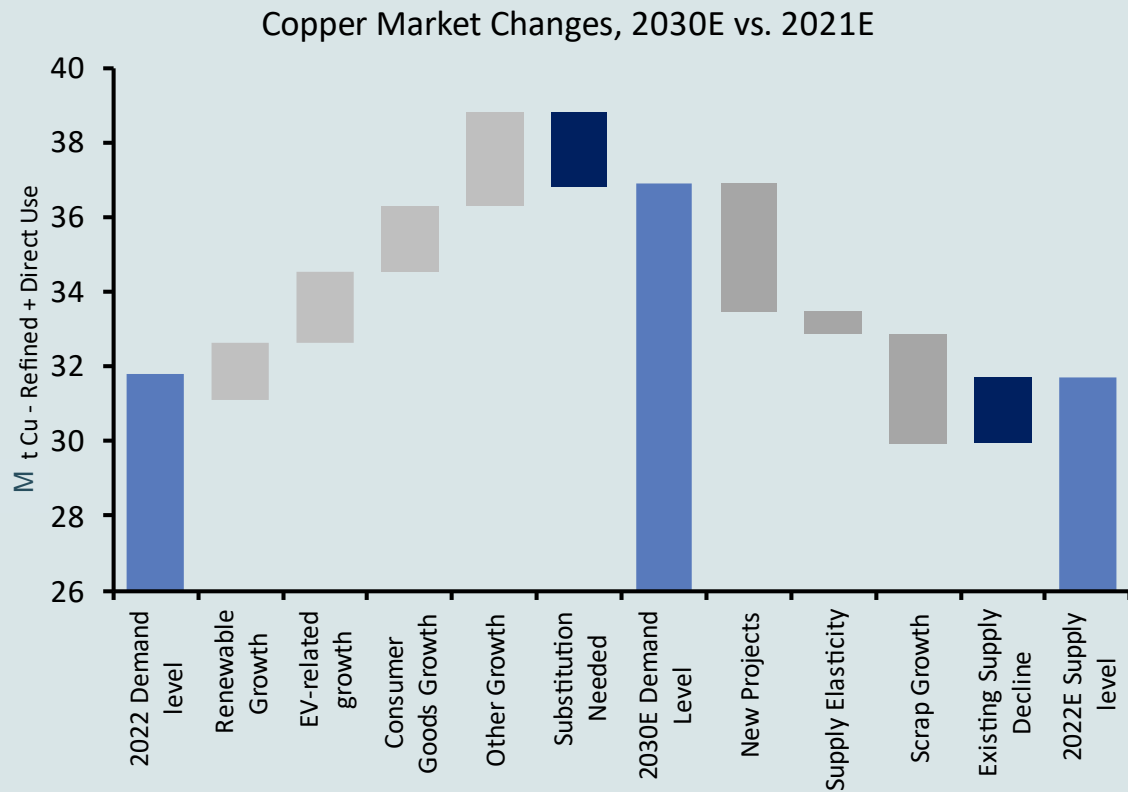
reserves has not been demonstrated. The mineral resource estimate disclosed in this news release may be materially affected by geology, environmental, permitting, legal, title, socio-political, marketing or other relevant issues. The mineral resource estimate is classified in accordance with the Canadian disclosure requirements of Institute of Mining, Metallurgy and Petroleum's "CIM Definition Standards on Mineral Resources and Mineral Reserves" incorporated by reference into NI 43-101. Under NI 43-101, estimates of inferred mineral resources may not form the basis of feasibility or pre-feasibility studies or economic studies except for preliminary economic assessments. Readers are cautioned not to assume that further work on the stated resources will lead to mineral reserves that can be mined economically.

## **Peers**

The comparable information about other issuers was obtained from public sources and has not been verified by the Company. Comparable means information that compares an issuer to other issuers. The information is a summary of certain relevant operational and valuation attributes of certain mining and resource companies and has been included to provide the prospective investor an overview of the performance of what are expected to be comparable issuers. The comparables are considered to be an appropriate basis for comparison with the Company based on their industry, size, operating scale, commodity mix, jurisdiction, capital structure and additional criteria. The comparable issuers face different risks from those applicable to the Company. Investors are cautioned that there are risks inherent in making an investment decision based on the comparables, that past performance is not indicative of future performance and that the performance of the Company may be materially different from the comparable issuers. If the comparables contain a misrepresentation, investors do not have a remedy under securities legislation in any province in Canada. Accordingly, investors are cautioned not to put undue reliance on the comparables in making an investment decision.

# Copper Incentive Price Needs to Increase

To reach the Net Zero emissions goal, 9.7Mt of new copper supply to be added over the next decade. Meaning US\$23B investment per year will be needed over 30 years to deliver new copper projects to reach zero-carbon targets. – Wood Mackenzie, 2023



Source: BMO Capital Markets

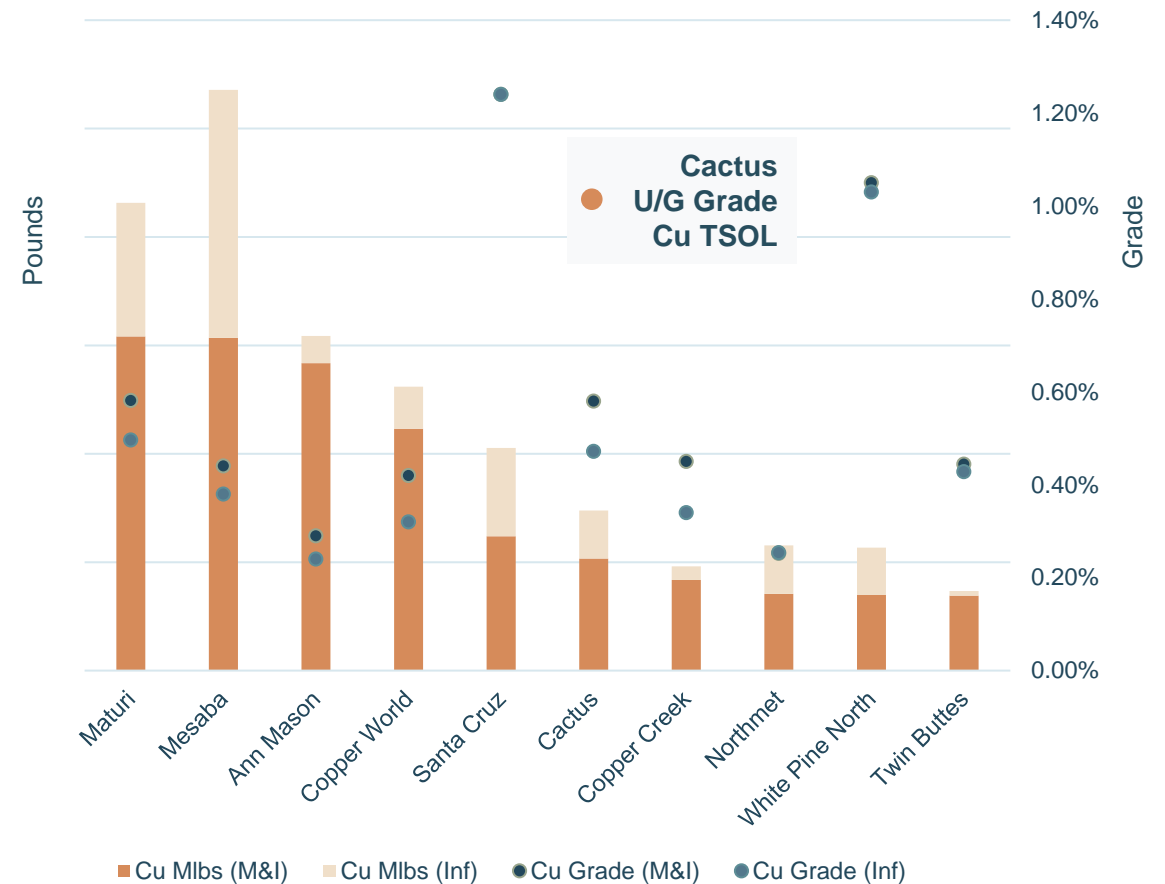


# Few Quality Development Assets in the USA

- **Florence (Taseko) is the only USA-based copper project currently in construction; also located in Pinal County**
- **ASCU's Cactus Project is a lower risk emerging copper developer with potential for first cathodes in 2026/2027**
  - Brownfield project of size
  - Streamlined and advanced permitting process
  - Grade
  - Right team

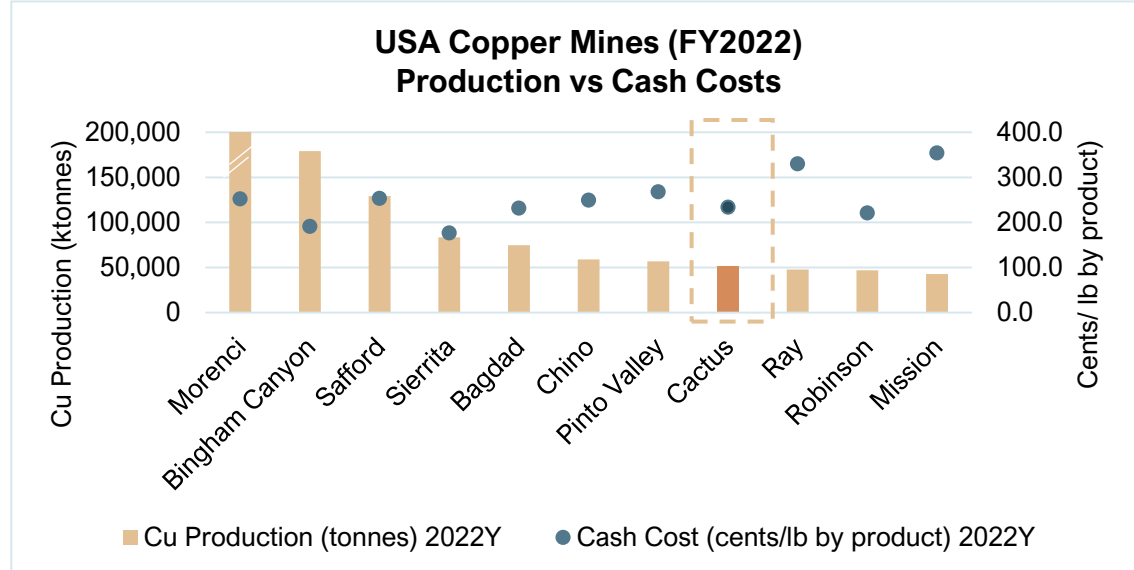
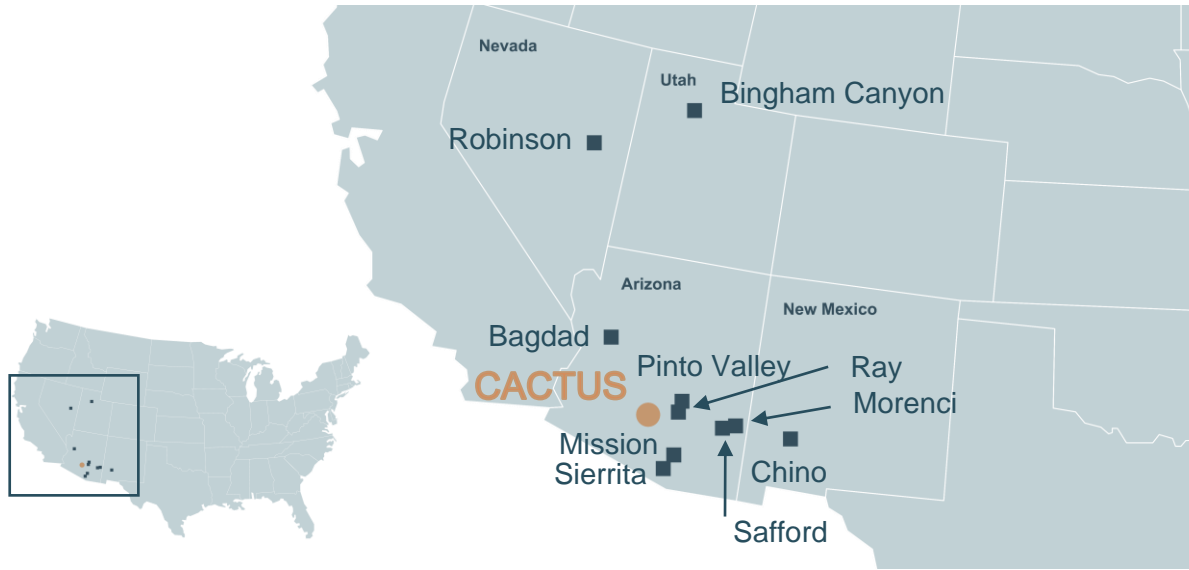
| Project                 | Company                    | M&I           |           | Inf           |           |
|-------------------------|----------------------------|---------------|-----------|---------------|-----------|
|                         |                            | Mlbs          | TCu Grade | Mlbs          | TCu Grade |
| <b>Maturi</b>           | Antofagasta                | <b>15,415</b> | 0.58%     | <b>6,163</b>  | 0.50%     |
| <b>Mesaba</b>           | Teck / Glencore            | <b>15,344</b> | 0.44%     | <b>11,443</b> | 0.38%     |
| <b>Ann Mason</b>        | Hudbay                     | <b>14,183</b> | 0.29%     | <b>1,254</b>  | 0.24%     |
| <b>Copper World</b>     | Hudbay                     | <b>11,154</b> | 0.42%     | <b>1,940</b>  | 0.32%     |
| <b>Santa Cruz</b>       | Ivanhoe Electric           | <b>6,196</b>  | 1.24%     | <b>4,072</b>  | 1.24%     |
| <b>Cactus</b>           | Arizona Sonoran            | <b>5,174</b>  | 0.58%     | <b>2,208</b>  | 0.47%     |
| <b>Copper Creek</b>     | Faraday Copper             | <b>4,184</b>  | 0.45%     | <b>626</b>    | 0.34%     |
| <b>Northmet</b>         | Teck / Glencore            | <b>3,538</b>  | 0.25%     | <b>2,240</b>  | 0.25%     |
| <b>White Pine North</b> | Highland Copper / Kinterra | <b>3,487</b>  | 1.05%     | <b>2,188</b>  | 1.03%     |
| <b>Twin Buttes</b>      | Freeport McMoran           | <b>3,456</b>  | 0.44%     | <b>214</b>    | 0.43%     |

Significant Copper Assets in the US  
(Sorted by M&I Pounds)

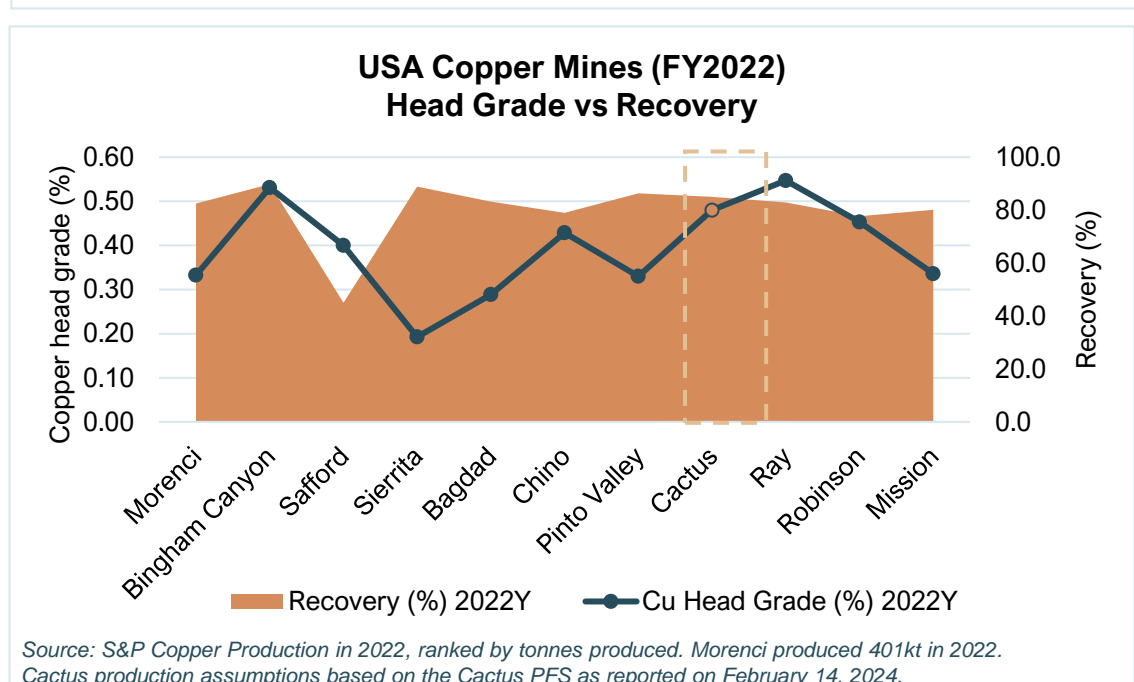


Source: S&P, Removal of Pebble, Resolution and Upper Kobuk Mineral Projects, Sept. 2023

# Cactus Project Among USA's Top 10 Copper Operations



|    | Mine                  | County and State      | Owner                            | Operation   |
|----|-----------------------|-----------------------|----------------------------------|---|
| 1  | Morenci               | Greenlee, Arizona     | Freeport (72%)<br>Sumitomo (28%) | Open Pit  |
| 2  | Bingham Canyon        | Salt Lake, Utah       | Rio Tinto                        | Long Hole Stoping,<br>Open Pit, Sublevel<br>Stoping |
| 3  | Safford               | Graham, Arizona       | Freeport-McMoRan                 | Open Pit  |
| 4  | Sierrita              | Pima, Arizona         | Freeport-McMoRan                 | Open Pit  |
| 5  | Bagdad                | Yavapai, Arizona      | Freeport-McMoRan                 | Open Pit  |
| 6  | Chino                 | Grant, New Mexico     | Freeport-McMoRan                 | Open Pit  |
| 7  | Pinto Valley          | Gila, Arizona         | Capstone Copper.                 | Dump, Open Pit,<br>Tailings                         |
|    | <b>Cactus Project</b> | <b>Pinal, Arizona</b> | <b>ASCU</b>                      | <b>Open Pit, Sublevel<br/>Cave, Stockpile</b>       |
| 8  | Ray                   | Pinal, Arizona        | Grupo México                     | Open Pit  |
| 9  | Robinson              | White Pine, Nevada    | KGHM Polska Miedź                | Open Pit  |
| 10 | Mission Complex       | Pima, Arizona         | Grupo México                     | Open Pit, Underground                               |



Source: S&P Copper Production in 2022, ranked by tonnes produced. Morenci produced 401kt in 2022. Cactus production assumptions based on the Cactus PFS as reported on February 14, 2024.





# PFS Technical Highlights

First Quartile Capital Intensity

Robust Economics

# PFS Highlights – Heap Leach and SXEW Copper Cathode Production

RE-ESTABLISHING BASELINE FINANCIALS WITHIN CURRENT ECONOMIC ENVIRONMENT WITH OPPORTUNITIES FOR NEAR TERM OPTIMIZATIONS

**3.0 Blbs Cu**

Reserve (P&P)

**55 ktpa Cu**

21-year Mine Life

**1st Quartile**

Capital Intensity

Post-tax  
**\$509M** NPV8

**15%** IRR

Post-tax  
**\$780M** NPV8

**19%** IRR

**\$2.34**   **\$1.84**

AISC   C1 Cost

Pre-tax  
**\$733M** NPV8

**\$3.90/lb**

Pre-tax  
**\$1,064M** NPV8

**\$4.25/lb**

Initial CAPEX: \$515M  
Capital Intensity: \$10,344/t  
Average Annual Sustaining Capital: \$58 million

**4 ore Sources**

2 UG Mines

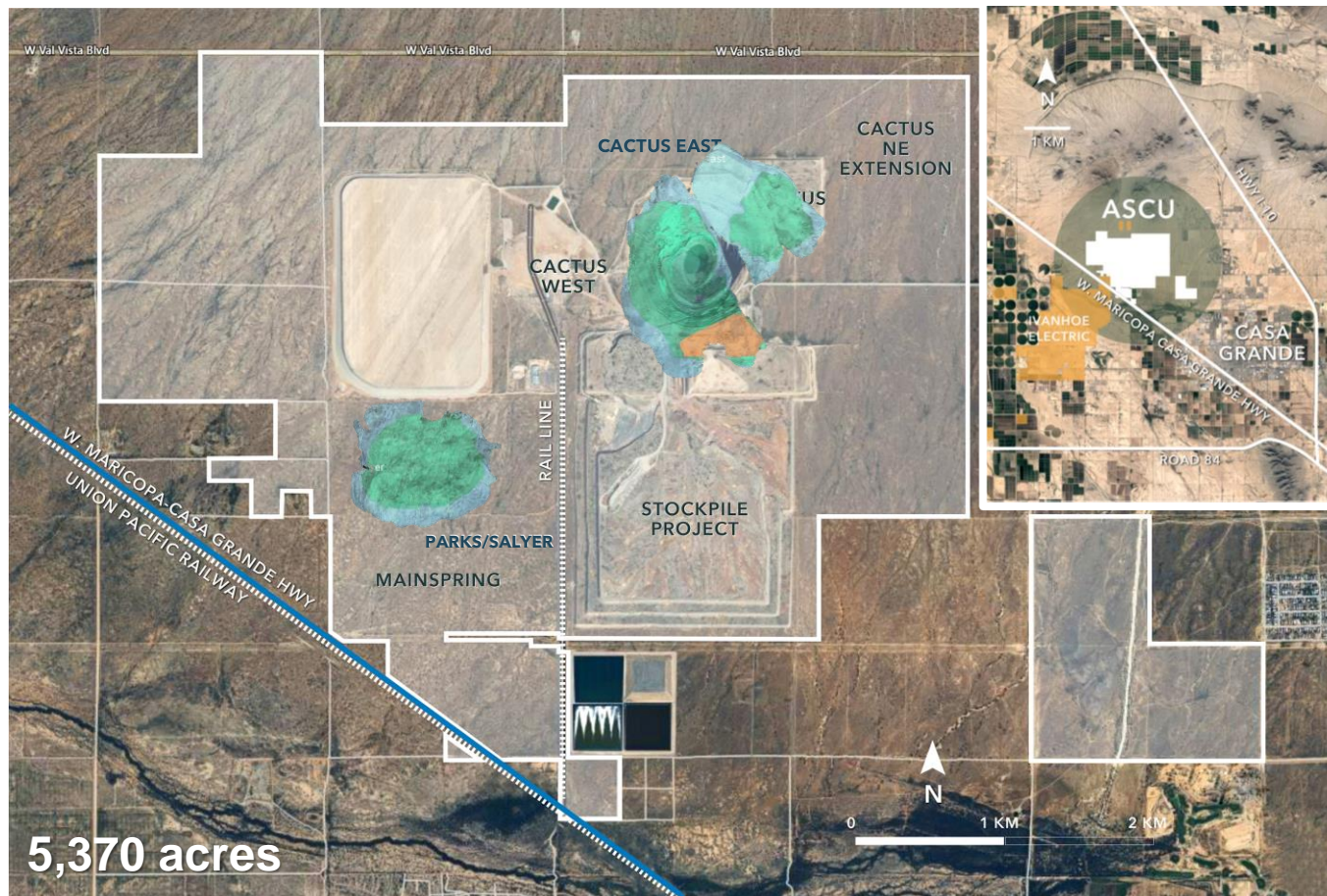
1 Open Pit

1 Stockpile



# Cactus Mineral Resource: Lower Risk Copper Porphyry Project

70% of the mineral resources in Measured and Indicated



**Cactus Project Mineral Resource Estimate**  
(As at August 31, 2023)

|                        | Tons<br>kt     | Grade<br>Cu%* | Pounds<br>Cu Mlbs |
|------------------------|----------------|---------------|-------------------|
| <b>Total Measured</b>  | <b>10,400</b>  | <b>0.241</b>  | <b>49.8</b>       |
| Leachable              | 9,100          | 0.230*        | 41.9              |
| Primary                | 1,300          | 0.315         | 8.0               |
| <b>Total Indicated</b> | <b>435,300</b> | <b>0.589</b>  | <b>5,124.2</b>    |
| Leachable              | 348,500        | 0.629*        | 4,387.2           |
| Primary                | 86,800         | 0.425         | 737.0             |
| <b>Total M&amp;I</b>   | <b>445,700</b> | <b>0.580</b>  | <b>5,174.0</b>    |
| Leachable              | 357,600        | 0.619*        | 4,429.0           |
| Primary                | 88,000         | 0.423         | 745.0             |
| <b>Total Inferred</b>  | <b>233,800</b> | <b>0.472</b>  | <b>2,207.9</b>    |
| Leachable              | 107,700        | 0.607*        | 1,307.9           |
| Primary                | 126,200        | 0.357         | 900.0             |

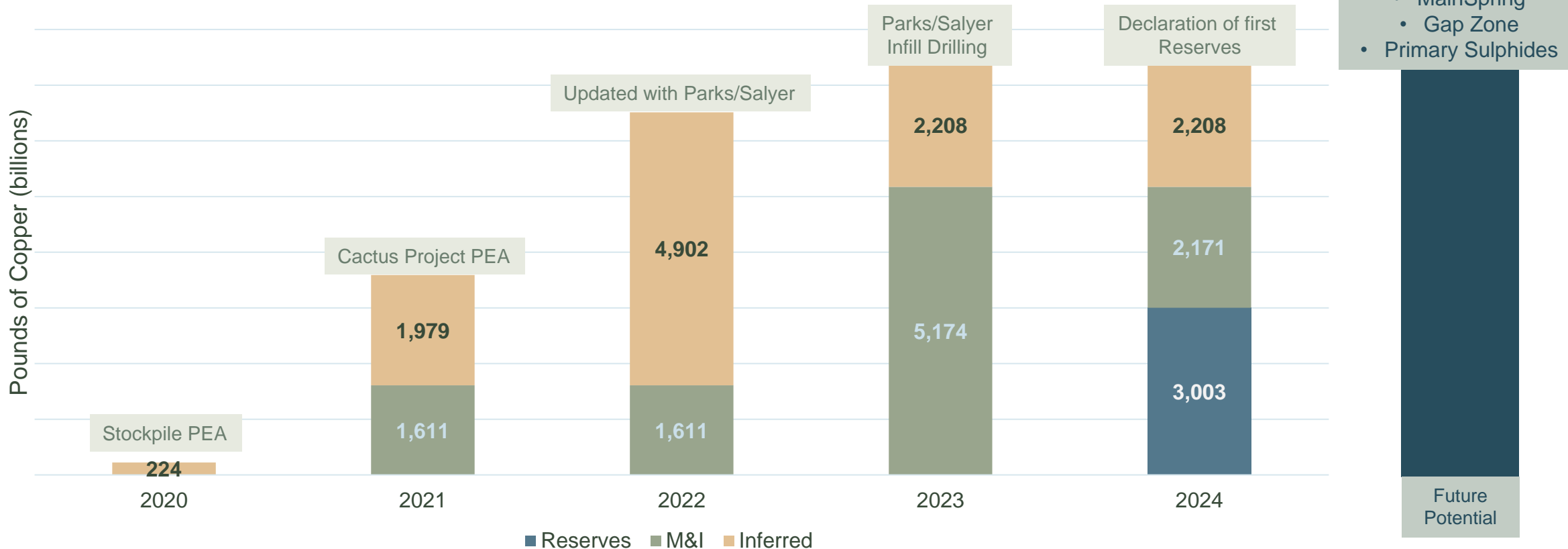
\* Cu T<sub>sol</sub> grades

See PR dated October 16, 2023, for full notes and disclosures related to the MRE.

# Maiden Reserve Declared – \$0.01 Discovery Cost

Maiden Reserve Grade: 0.48% Cu TSol

## Cactus Project Mineral Resource Growth

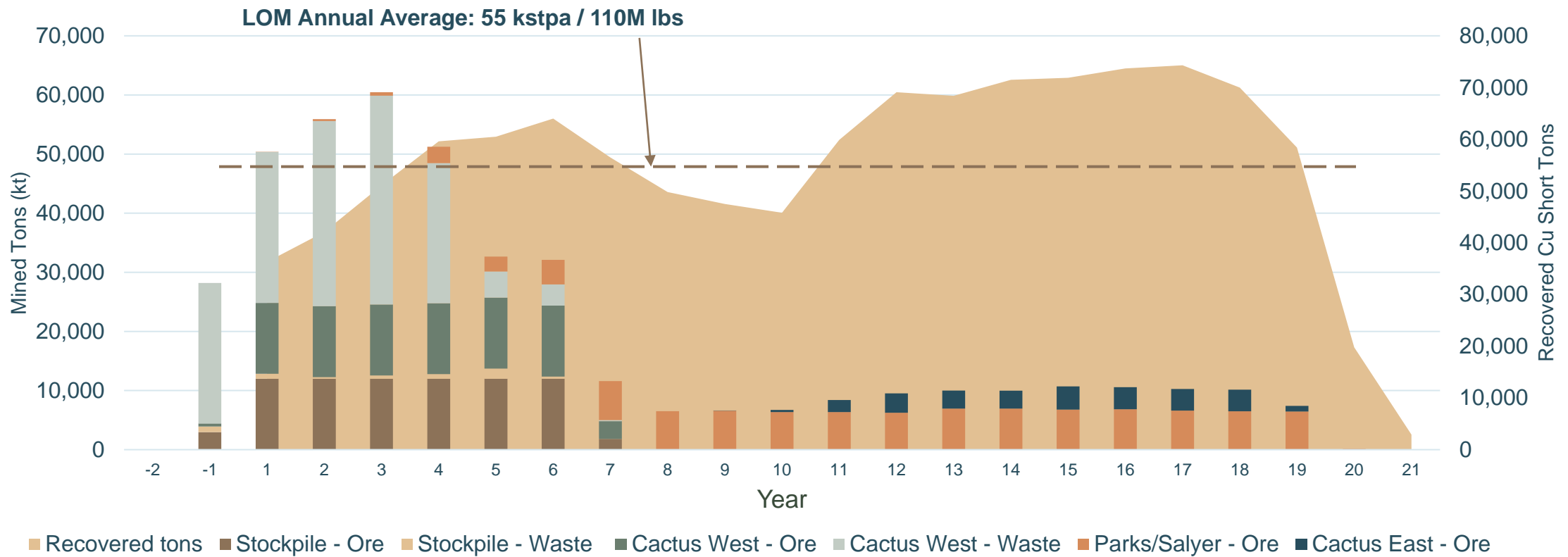


Source: See PR dated Feb 22, 2024 for notes related to reserves and resources from 2023 and 2024. Resources from 2022 have an effective date of Sept 28, 2022, and are listed within Mineral Resource Estimate and Technical Report dated Nov 10, 2022. Notes for Resources from 2020 and 2021 can be found within the Company's PEA, available within the Company's prospectus filed Nov 8, 2021.

# Production Feed Sources via Heap Leach

Low risk entry to production – Stockpile and Open Pit mining to fund U/G development

## Cactus Production Schedule



The mining schedule reflects a layered mining plan targeted at early production with low capex, maximizing project returns. Initial plant capacity is designed at 30 ktpa with expansion to 60 ktpa concurrent with underground mining in full ramp up by year 7 of the project start-up.

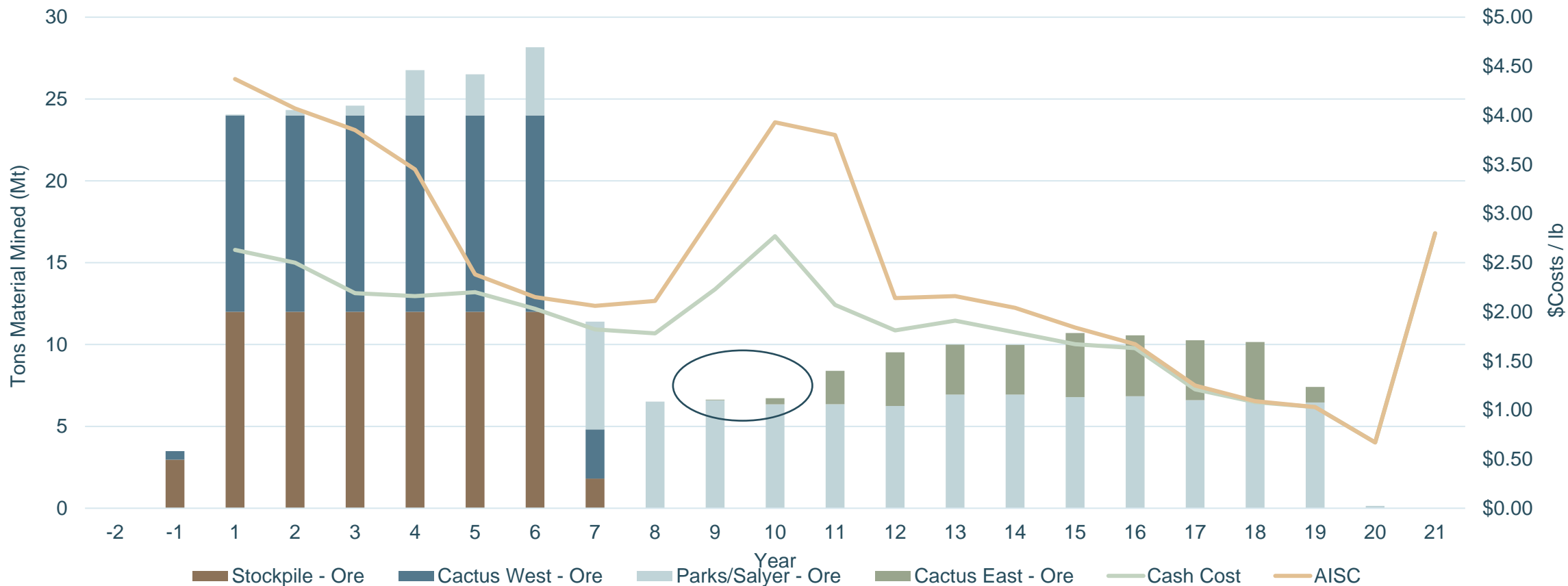


# Annual Costs and Production Profile

Increased AISC to develop into Underground deposits, Cactus East and Parks/Salyer

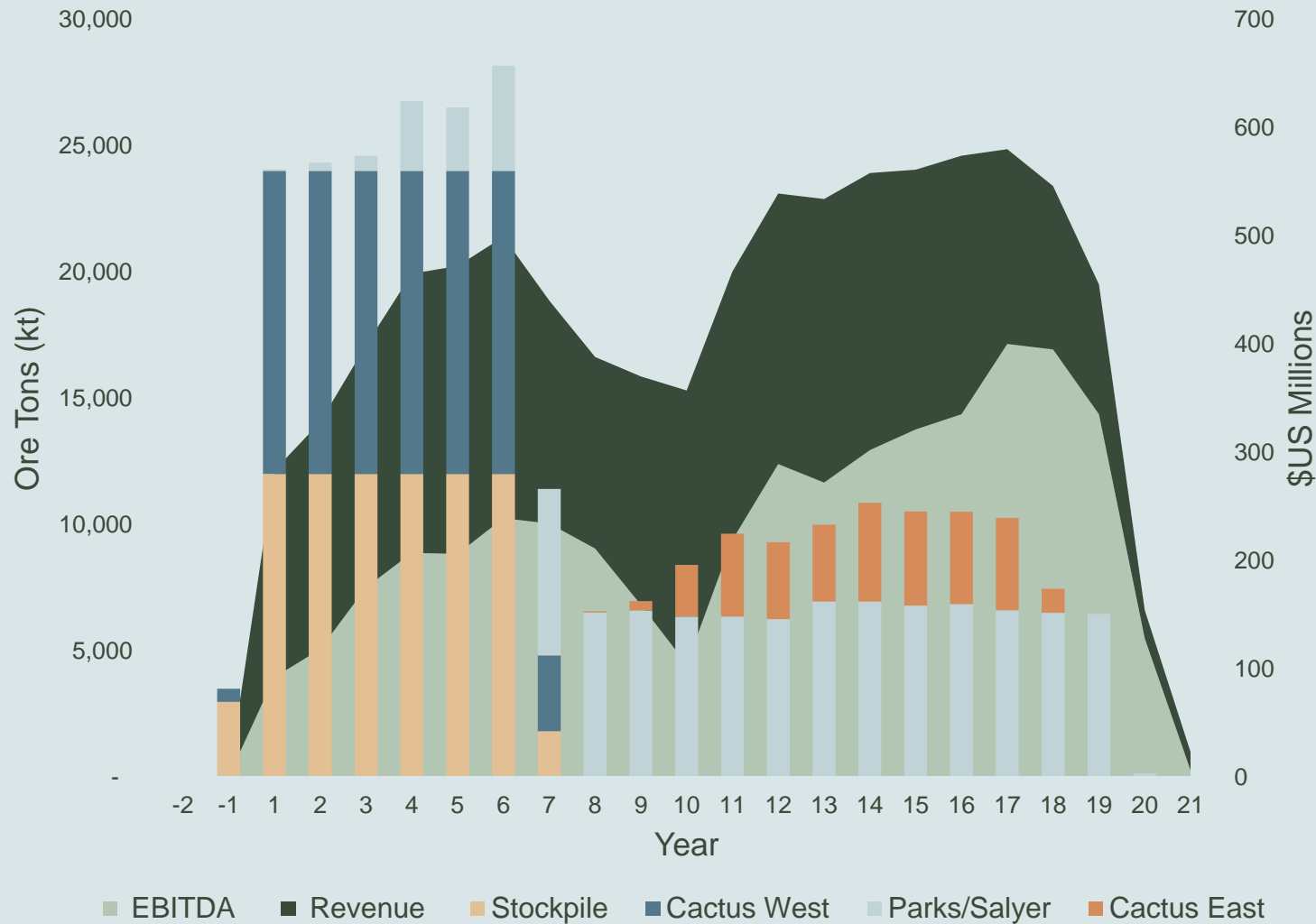
**Average AISC: \$2.34/lb**  
**Average C1: \$1.84/lb**

Ore Sources vs Costs (AISC, C1)



# Production and Revenue Breakdown

## Ore Tons vs Revenue and EBITDA



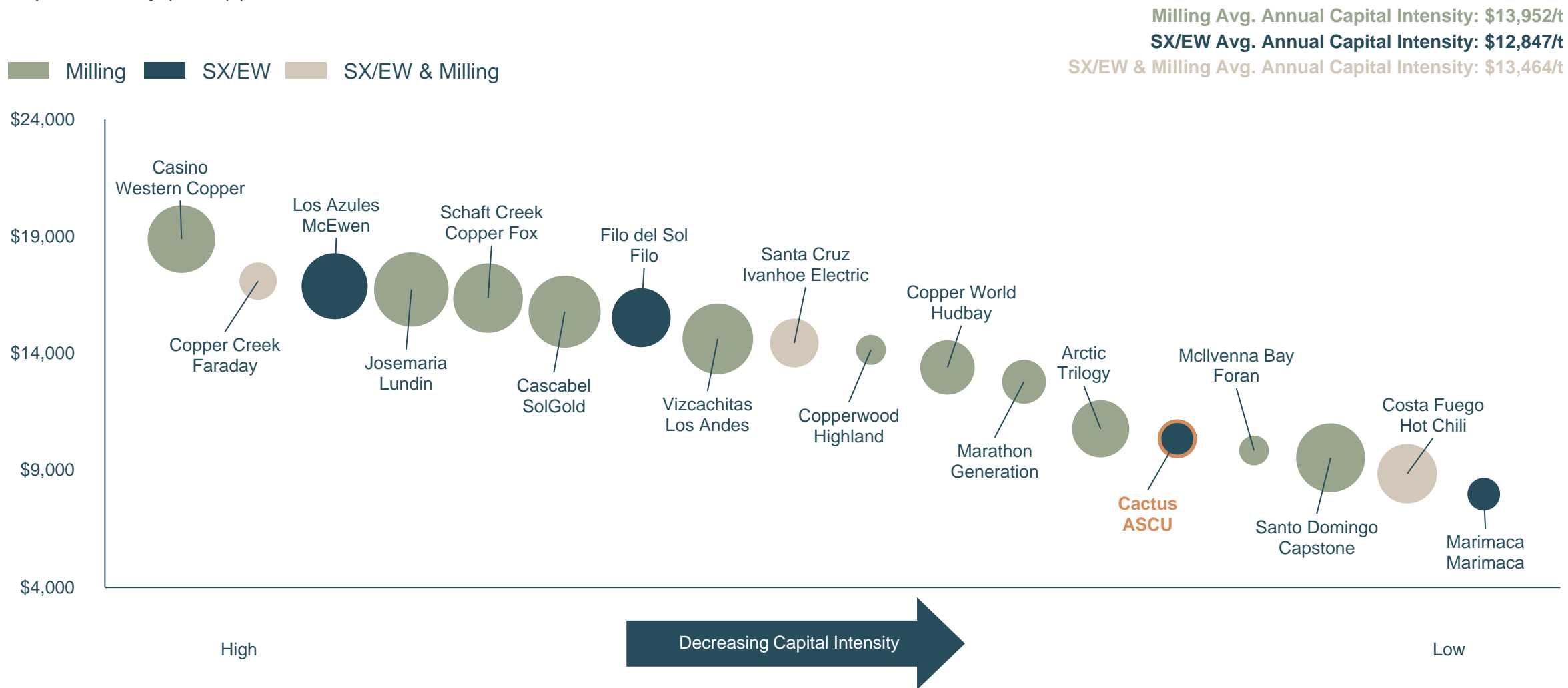
Revenue LOM  
**\$8,994 million**

Cumulative LOM  
 Free Cash Flow  
**\$2,407 million**  
 post-tax

# Lower Capital Intensity Provides a Lower Risk Path to Copper Production

## Peer Benchmarking – Capital Intensity (Based on Average Annual Copper Equivalent Production)<sup>(1)</sup>

Capital Intensity (US\$/t) | Bubble Size Based on Annual Production



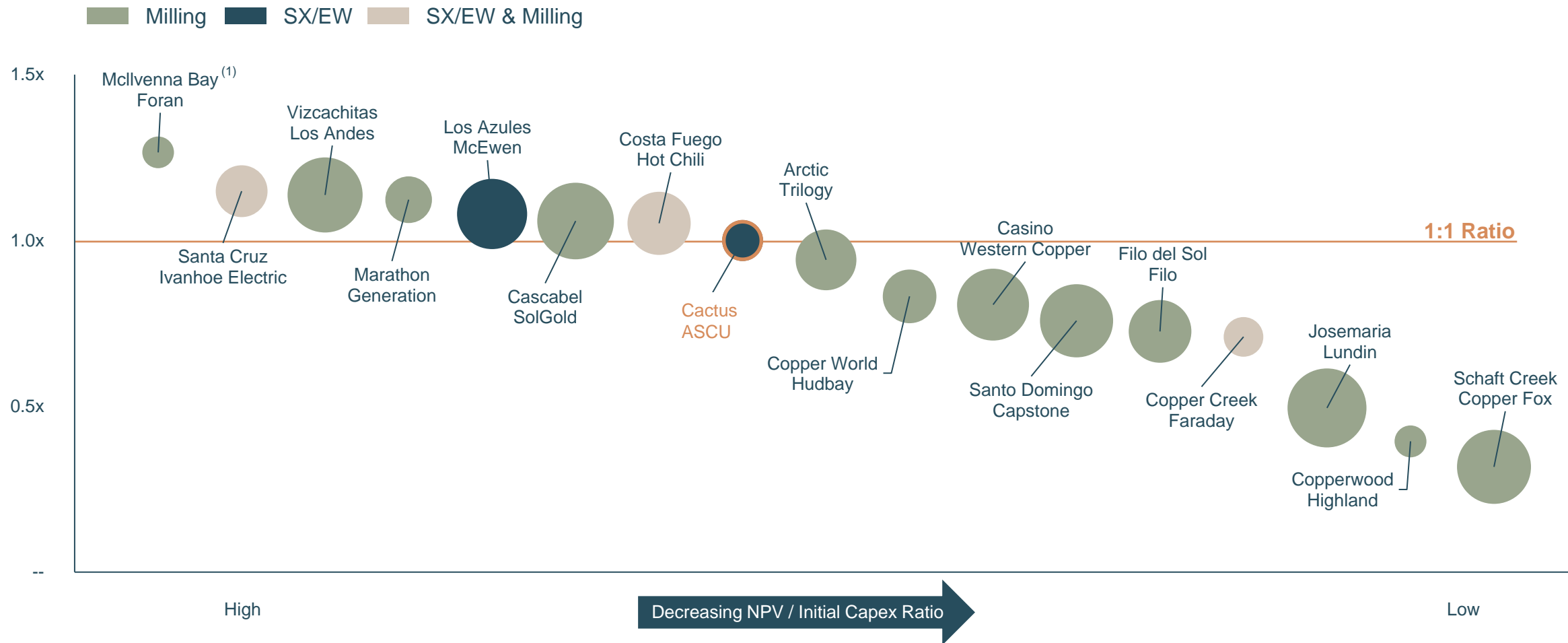
Sources/Notes: Capital intensity equals initial capex divided by average annual copper equivalent production. (1) Copper equivalent production calculated using stated metal prices from each project's latest technical report



# Cactus Amongst Most Attractive Projects to Generate NPV for Lower Capital vs Peer Group

## Peer Benchmarking – After-Tax NPV<sub>8%</sub> / Initial Capex

Ratio | Initial Capex (US\$M) | Bubble Size Based on Annual Production

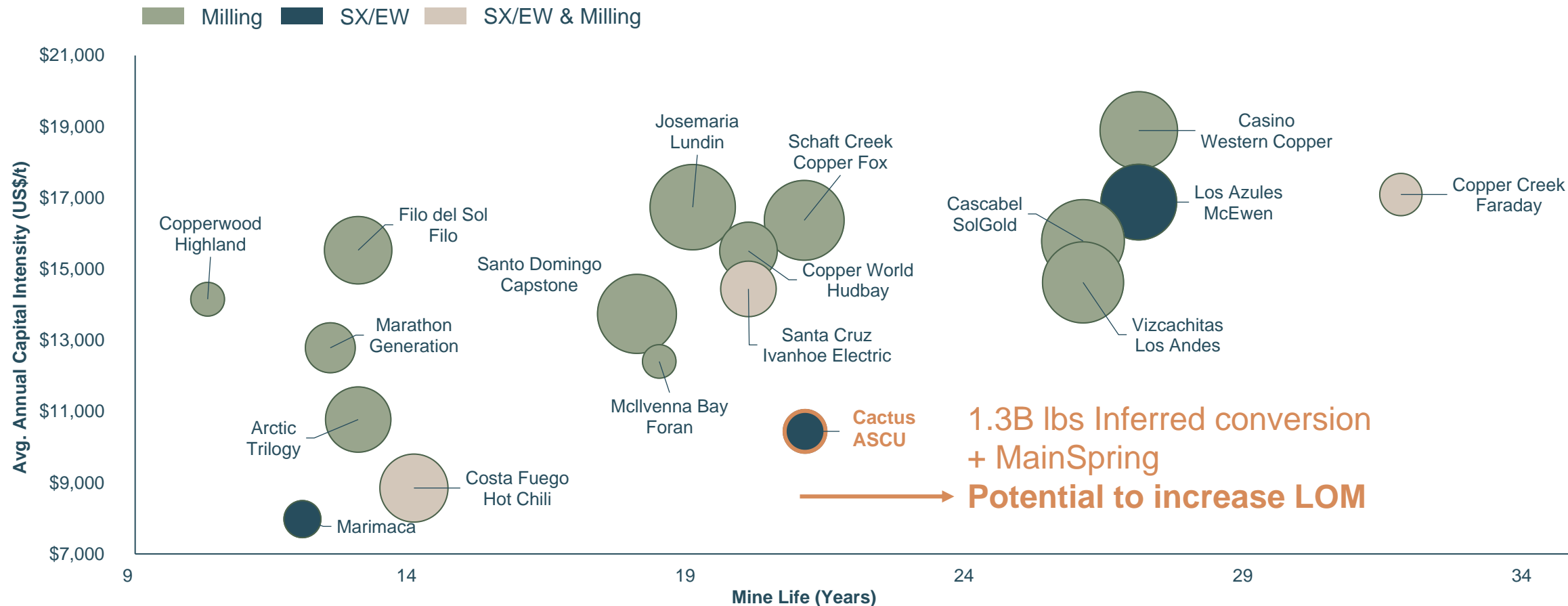


Sources/Notes: Data per each project's latest technical report. (1) Mcllvanna Bay NPV calculated at 7%

# Lowest Capital Intensity with 20+ LOM and Short Window to Production

## Peer Benchmarking – Mine Life vs Capital Intensity (Based on Avg. Annual Copper Equivalent Production)<sup>(1)</sup>

Years | Avg. Annual Capital Intensity (US\$/t) | Bubble Size Based on Avg. Annual Production



Sources/Notes: Capital intensity equals initial capex divided by average annual copper equivalent production. (1) Copper equivalent production calculated using stated metal prices from each project's latest technical report

# Dual Process Timeline – Nuton and ASCU

| Resource                            |                   | PEA  |      | PFS  |              | DFS  |        | Production Decision |      | Construction Period |      | Production Begins |  |
|-------------------------------------|-------------------|------|------|------|--------------|------|--------|---------------------|------|---------------------|------|-------------------|--|
|                                     |                   | 4Q23 | 1Q24 | 2Q24 | 3Q24         | 4Q24 | 1H2025 | 2H2025              | 2026 | 2027                | 2028 |                   |  |
| <b>ASCU</b>                         | Oxides            |      |      |      |              |      |        |                     |      |                     |      |                   |  |
|                                     | Drilling          |      |      |      |              |      |        |                     |      |                     |      |                   |  |
|                                     | Metallurgy        |      |      |      |              |      |        |                     |      |                     |      |                   |  |
|                                     | Engineering       |      |      |      |              |      |        |                     |      |                     |      |                   |  |
|                                     | Technical Reports | MRE  | PFS  |      | PFS Incl MS  |      | DFS    |                     |      |                     |      |                   |  |
| Permitting                          |                   |      |      |      |              |      |        |                     |      |                     |      |                   |  |
| Financing, Construction, Operations |                   |      |      |      |              |      |        |                     |      |                     |      |                   |  |
| <b>NUTON</b>                        | Oxides+ Primary   |      |      |      |              |      |        |                     |      |                     |      |                   |  |
|                                     | Drilling          |      |      |      |              |      |        |                     |      |                     |      |                   |  |
|                                     | Metallurgy        |      |      |      |              |      |        |                     |      |                     |      |                   |  |
|                                     | Engineering       |      |      |      |              |      |        |                     |      |                     |      |                   |  |
|                                     | Technical Reports |      |      |      | PEA Incl. MS |      |        | PFS*                |      |                     |      |                   |  |
|                                     |                   | 4Q23 | 1Q24 | 2Q24 | 3Q24         | 4Q24 | 1H2025 | 2H2025              | 2026 | 2027                | 2028 |                   |  |
| Resource                            |                   | PEA  |      | PFS  |              | DFS  |        | Production Decision |      | Construction Period |      | Production Begins |  |

\*Both parties are working towards a PFS completion in Q4 2024  
MS = MainSpring

Catalyst for rerate target

Complete

Pursuant to a construction decision





# Location Advantage

Brownfield property with +\$30M infrastructure  
100%-owned private land



# Low Risk, Brownfield and Private Land Advantage



## Local Benefits to the Cactus Mine:

- **Permitting** (streamlined with State and local offices)
- **Water** (onsite access to non-potable water source)
- **Access to labour** (no camp required)
- **Power** (Palo Verde Nuclear Power Plant nearby with power lines onsite)
- **Highway** (direct access to I-10)
- **Railroad** (direct access to Union Pacific)
- **Just-in-time inventory accounting**
- **Located in the Industrial Park of Casa Grande.** Nearby factories include:
  - Walmart Distribution, Kohler, Frito-Lay, Abbott Labs, Lucid Motors, Nikola trucks, Intel Chips, SATCO

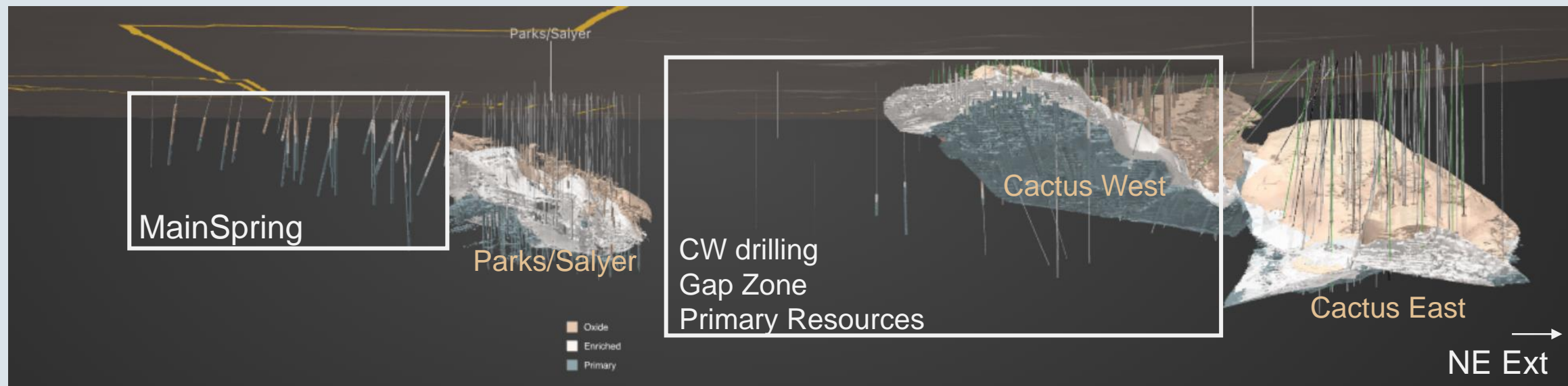




# Opportunities for Optimization



# Near-term Opportunities to Enhance Base Case Economics and Operations



## Expansion Opportunities

- **1.3B lbs leachable Inferred resource**
  - Potential conversion of Inferred to M&I
  - 107,700 kt @ 0.61% Cu TSol
- **MainSpring property**
  - Mineralization at 42 m depth, starter pit potential
- **Parks/Salyer infill drilling**
  - Measured drilling shows higher grades and thicknesses in the core of the system
- **Cactus West infill drilling**
  - Extended mineralization 674 ft (205 m) below resource shell (ECW-150 - 1,174.2 ft (358 m) @ 0.43% CuT)
- **Exploration**
  - Gap Zone (low grade mineralization drilled)
  - NE Extension (ECN-128 - 990.7 ft (302.0 m) @ 0.42% CuT) 3,000 ft (990 m) NE of Cactus East
- **Primary Resources excluded from reserves (Nuton)**
  - 745M lbs Cu - 88 kt @ 0.42% TCu M&I -
  - 900M lbs Cu - 126,200 kt @ 0.36% TCu Inf

# Nuton: Strategic Transaction to Unlock Substantial Value for ASCU

**Access to US\$33M in non-equity non-dilutive funding**

US\$18M drawn, US\$15M undrawn

Creates a Straightforward Mechanism for **Significant Project Funding**

**Reduction of Execution Risks** via JV Partnership Framework with Global Mining and Innovation Leader

Option decision post-Nuton Case PFS

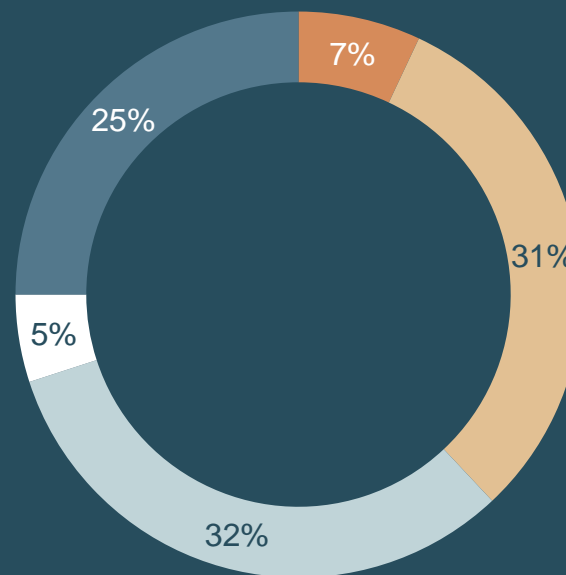


# Capital Structure & Ownership

## CAPITAL STRUCTURE

|                                  |                  |
|----------------------------------|------------------|
| Market Capitalization            | <b>C\$130M</b>   |
| Shares Outstanding (M)           | <b>109.1</b>     |
| Warrants (M)                     | <b>2.5</b>       |
| Options (M)                      | <b>5.6</b>       |
| RSU's (M) <sup>(1)</sup>         | <b>0.1</b>       |
| DSU's (M)                        | <b>0.5</b>       |
| Fully Diluted Share Capital (M)  | <b>117.9</b>     |
| Cash post-Nuton Option Agreement | <b>US\$20M</b>   |
| Debt                             | <b>Debt Free</b> |

## OWNERSHIP



- Nuton (Rio)
- Tembo
- Institutional
- Management
- Retail

**Including:**  
 Beedie Capital  
 Delbrook  
 Konwave  
 Macquarie  
 Ixios  
 Bastion Asset Management  
 US Global  
 Russell Investment Mgmt  
 J.Zechner  
 Empire Life  
 Sentry  
 TBF Global AM  
 Sprott COPJ ETF

Notes:  
 (1) RSUs may be issued in shares or cash

## ANALYST COVERAGE



# An Emerging Lower Risk Copper Developer in Arizona

High build probability in the heartland of US copper country

## QUALITY

- Brownfields porphyry copper project, SXEW and heap leach operation on the oxides and enriched
- Arizona Tier 1 Jurisdiction
- Among Top 10 copper operations in the US
- 3.0B lbs @ 0.48% Cu TSoI P&P copper reserves

## ECONOMICS

- Robust PFS, Feb 2024
- 55 kstpa Copper Cathode over 21 years
- NPV8 (post-tax): \$509 million
- LOM Revenue: \$9.0 B
- LOM FCF (post-tax): \$2.4 B

## LOW RISK

- Low Capital Intensity
- Highly-experienced owner-operator team in place
- Private landownership/ streamlined permitting
- In place infrastructure, including access to water
- Social license

*All currency referenced is in US dollars, unless otherwise stated  
Using a \$3.90/lb copper price in the Financial & Economic Model  
All tons are short tons, unless otherwise stated*





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# Summary of Key Metrics @ \$3.90/lb Cu

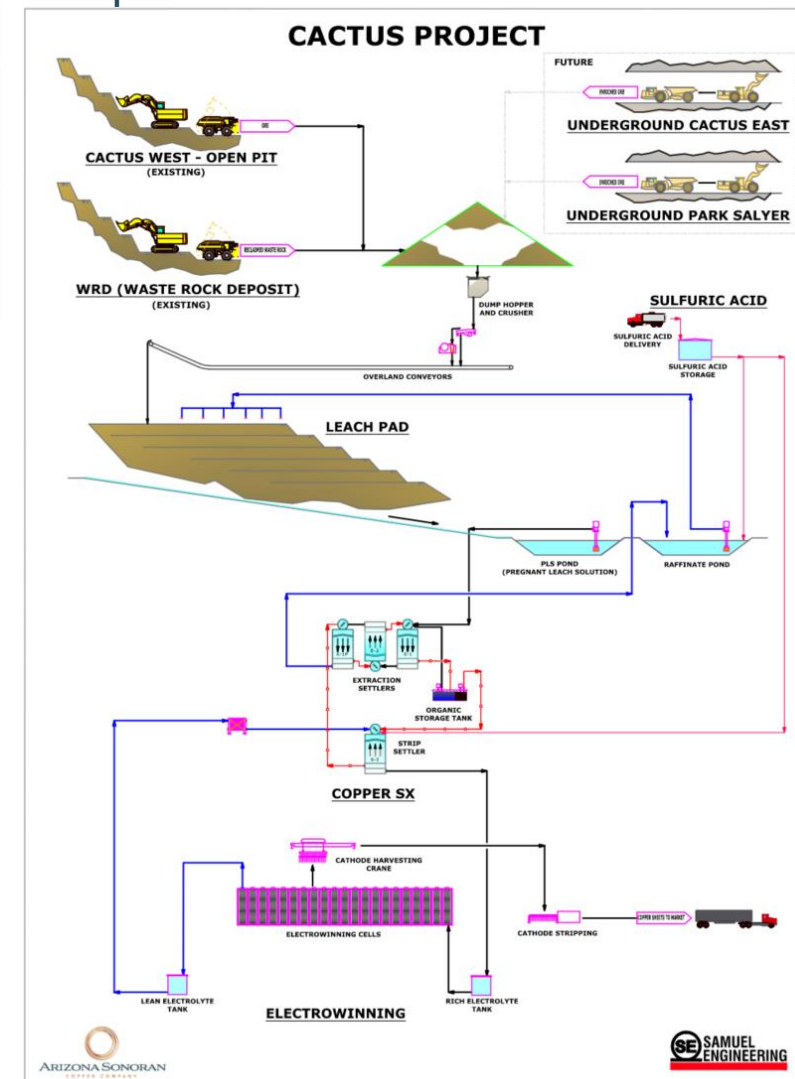
| KEY METRICS                       |              |                    |
|-----------------------------------|--------------|--------------------|
| NPV @ 8% (Pre-Tax)                | \$ millions  | \$733              |
| NPV @ 8% (Post-Tax)               | \$ millions  | \$509              |
| IRR (Post-Tax)                    | %            | 15.3               |
| Payback Period                    | Years        | 6.8                |
| NPV Capital Intensity             | NPV/Capital  | 1 : 1              |
| <b>Mining</b>                     |              |                    |
| Open Pit                          |              | \$2.20/ ton mined  |
| Underground                       |              | \$20.21/ton mined  |
| <b>Leaching &amp; Processing</b>  |              |                    |
|                                   |              | \$2.96/ ton placed |
| <b>G&amp;A</b>                    |              |                    |
|                                   |              | \$0.12/ ton placed |
| Mine Life                         | Years        | 21                 |
| Total Payable LOM Cu Production   | Millions lbs | 2,306              |
| Cu Average Production (Yrs 1-5)   | Millions lbs | 100                |
| Cu Average Production (Yrs 6-10)  | Millions lbs | 105                |
| Cu Average Production (Yrs 11-15) | Millions lbs | 136                |
| Cu Average LOM Production         | Millions lbs | 110                |
| <b>Initial Capital</b>            |              |                    |
|                                   | \$ millions  | 515                |
| <b>Sustaining Capital</b>         |              |                    |
|                                   | \$ millions  | 1,221              |
| Operating Cash Costs*             | \$/lb        | \$1.75             |
| C1 Cash Costs**                   | \$/lb        | \$1.84             |
| AISC (C3) Cash Costs***           | \$/lb        | \$2.34             |
| Total FCF (post-tax)              | \$ millions  | \$2,407            |
| Annual Average FCF                | \$ millions  | \$115              |

\* Operating cash costs consist of mining costs, processing costs, and G&A

\*\* Total cash costs consist of operating cash costs plus transportation cost, royalties, treatment and refining charges

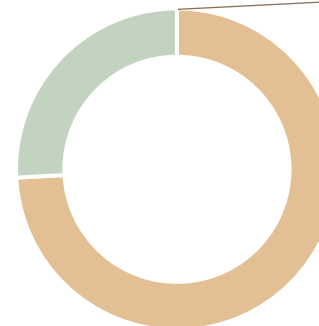
\*\*\* AISC consist of total cash costs plus sustaining capital, closure cost and salvage value

## Heap Leach and SX/EW Flow Sheet



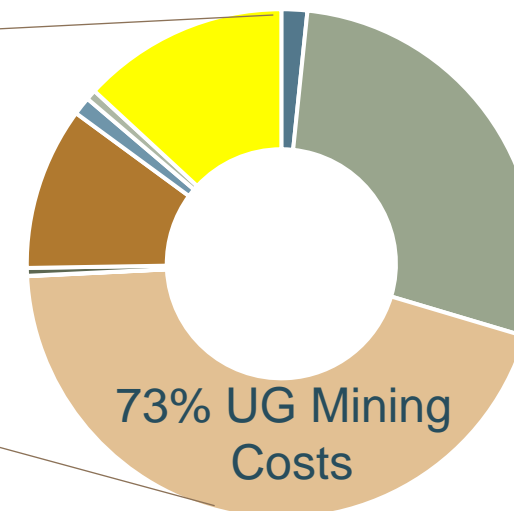
| CAPITALIZED COSTS (US\$M)                      |                      |                        |
|--|----------------------|------------------------|
|  | Initial Capex        | Sustaining             |
| <b>Capitalized Mining and Processing Costs</b> | <b>\$173 million</b> | <b>\$905 million</b>   |
| Processing                                     | \$4 million          | n/a                    |
| Mining (Pre-stripping)                         | \$78 million         | n/a                    |
| MINING - Open Pit - Cactus West                | \$24 million         | \$20 million           |
| MINING - Underground - Cactus East             | n/a                  | \$341 million          |
| MINING - Underground - Parks/Salyer            | \$57 million         | \$544 million          |
| MINING - Underground - Combined/Shared         | \$11 million         | n/a                    |
| <b>Other Capital Costs</b>                     | <b>\$343 million</b> | <b>\$312 million</b>   |
| Infrastructure                                 | \$56 million         | \$0.3 million          |
| Crushing And Conveying                         | \$29 million         | \$6 million            |
| Leaching And Waste Rock Storage                | \$66 million         | \$126 million          |
| Solvent Extraction (Sx)                        | \$30 million         | n/a                    |
| Electrowinning (Ew)                            | \$26 million         | \$14 million           |
| Reagents                                       | \$1 million          | n/a                    |
| Process Plant Services And Utilities           | \$4 million          | n/a                    |
| Project Execution                              | \$54 million         | \$8 million            |
| Provisions                                     | \$75 million         | \$160 million          |
| <b>Total Capitalized Costs</b>                 | <b>\$515 million</b> | <b>\$1,221 million</b> |
| <b>Average Annualized Sustaining Capital</b>   |                      | <b>\$58 million</b>    |

### LOM Sustaining Capital Costs (\$M)



■ Mining ■ Other

### LOM Sustaining Breakdown



73% UG Mining Costs

### Initial Capital Costs (\$M)



■ Mining ■ Other

- MINING - Open Pit - Cactus West
- MINING - Underground - Cactus East
- MINING - Underground - Parks/Salyer
- Infrastructure
- Crushing And Conveying
- Leaching And Waste Rock Storage
- Electrowinning (EW)
- Project Execution
- Provisions



# Metallurgy – High recoveries of Oxide and Enriched

*2 years of metallurgical testing*



## **METALLURGICAL RECOVERIES**

|              |                          |
|--------------|--------------------------|
| Parks/Salyer | 85% enriched   91% oxide |
| Cactus East  | 85% enriched   91% oxide |
| Cactus West  | 85% enriched   92% oxide |
| Stockpile    | 85% enriched   88% oxide |

*\*updated with Cactus Project PFS, as announced February 21, 2024*



# Management Team with Track Record of Execution



**George Ogilvie, P.Eng.**  
PRESIDENT, CEO & DIRECTOR

+30 years of management, operating and technical experience in the mining industry. Previously **President & CEO of Battle North (sold to Evolution Mining), CEO of Kirkland Lake, and CEO of Rambler Metals**



**Bernie Loyer**  
SVP Projects

+35 years building and delivering large scale mining projects. Prior positions at **SolGold (Cascabel), Goldcorp (Penasquito and Cerro Negro), Torex Gold (Morelos and Media Luna), BHP (Escondida)** and at **FLSmidth Minerals**.



**Nick Nikolakakis, BSc, MBA**  
VP FINANCE AND CFO

+27 years of North American executive mining finance experience. Former **VP Finance and CFO of Battle North, Rainy River and Placer Dome, VP Corporate Finance at Barrick and other positions at North American Palladium and BMO Nesbitt Burns**.



**Rita Adiani, LLB Hons**  
SVP STRATEGY & CORPORATE DEVELOPMENT

+16 years of mining experience across strategy & business development, investment banking and corporate law. Previously **EVP and Head of Business Development at Xiana Mining, MD at NRG Capital Partners, VP at Societe Generale and Senior Corporate Finance Manager at La Mancha**



**Doug Bowden, MSc.**  
VICE PRESIDENT, EXPLORATION

+40 years mining experience throughout North America and Mexico. Responsible for managing exploration programs for Amselco, BP Minerals, Kennecott and Western Uranium. **Senior executive positions held at Gold Summit Corporation, Western Uranium and Concordia**



**Travis Snider, B.Sc, Env Chem, SME**  
VICE PRESIDENT, SUSTAINABILITY & EXTERNAL RELATIONS

+20 years experience in the mining industry in Arizona. Previously **Mining Project Manager at Engineering & Environmental Consultants, SVP of Operations for Sierra Resource Group and VP of Mining & Oil operations for Wilcox**



**Alison Dwoskin, CPIR**  
DIRECTOR, INVESTOR RELATIONS

+15 years in investor relations. **Formerly Manager, Investor Relations of Klondex Mines and Eastmain Resources**. Began her career at a Toronto-based IR firm, broadly specializing in mining

## STRONG SPONSOR SUPPORT

**RioTinto**

- Global leading diversified metals and mining company with operations in 35 countries.
- Innovating technologies to advance the mining industry
- Shareholder since 2022, option to JV signed in Dec 2023

## TEMBO CAPITAL

- Private equity fund investing in junior and mid-tier mining companies, with low cost, quality assets managed by high caliber teams
- Shareholder since 2020

