

**TSXV: BRO**

OTCQX: BRKCF

Barksdaleresources.com

# Corporate Presentation

September 2024



**BARKSDALE**  
**RESOURCES**

# Forward Looking Statements



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Although Barksdale Resources has attempted to identify important factors that could cause actual results to differ materially, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate as actual results and future events could differ materially from those anticipated in such statements. Barksdale Resources disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, other than as required by applicable law. Accordingly, readers should not place undue reliance on forward-looking statements and trading in securities of Barksdale Resources should be considered highly speculative. All scientific and technical information contained in this presentation has been prepared by, or under the supervision of, Lewis Teal, project manager and geological consultant for Barksdale Resources(CPG-6932) and a qualified person as defined by NI 43-101, Standards of Disclosure for Mineral Projects.

Historical assays contained in this Presentation have not been confirmed by Barksdale Resources, are of uncertain QA/QC standards and should not be relied upon. They are presented as a guide to future exploration.

# Value Proposition

## **Patagonia district – An embedded option with enormous potential**

Barksdale and South32 separately control nearly the entire Patagonia mining district. Barksdale has a pipeline of advanced and grass-roots exploration assets in the district.

## **San Javier – Advanced copper deposit in Mexico**

Copper resource in a growing copper-gold district. PEA underway.

Sunnyside project – adjacent to a world-class deposit owned by South32. Historic drill intercepts on the Sunnyside property\*:

- CRD: 17-meters of 17% Zn+Pb, 337 g/t Ag, 1.3% Cu
- CRD: 38-meters of 15% Zn+Pb, 229 g/t Ag, 0.2% Cu
- Porphyry: 415-meters of 0.36% Cu

Copper oxide resource with 419 million pounds of copper in M&I resources. Resource is open for expansion. Recent PEA highlights US\$61.5M NPV(7%) with pre-tax IRR of 26.3% and low capital requirements.\*\*

\* Drilling at Sunnyside was completed prior to the implementation of NI 43-101 and has not been verified by a “qualified person” and therefore should not be relied upon. Intercepts are presented to provide an indication of the possible mineralization within the Sunnyside Property and as a guide to future exploration. \*\* See appendix for summary information or the Company’s NI 43-101 technical report on SEDAR for detailed information.

# Capital Structure

Share Price (April 1)	\$0.15
Shares Outstanding	133.2M
Options	9.9M
Warrants	54.9M
Fully Diluted	197.0M
Market Cap	20M CAD
Cash	4.5M CAD
Convertible Debt	1.5M CAD

Matures Dec 31, 2024  
Conv price - \$0.55

## Top Shareholders

Crescat Capital	Eric Sprott
Teck Resources	Commodity Discovery Fund
Osisko Dev Corp	Delbrook Capital Advisors
US Global Investors	Tusk (private)

Shares outstanding includes 3,850,000 shares held in escrow and can be cancelled if Barksdale Resources does not proceed with the Sunnyside Project after Year 1. Cash balance is an unaudited figure.

# Our Team

## **RICK TROTMAN** - PRESIDENT, CEO, DIRECTOR

A professional geologist with over fifteen years experience in the minerals industry, including positions with Resource Capital Funds, HSBC Securities, Yamana Gold, Meridian Gold, and Barrick Gold.

## **MICHAEL WALDKIRCH** - CHIEF FINANCIAL OFFICER

A Certified Public Accountant with extensive experience providing a variety of financial and business consultancy services to public and private companies since 1998.

## **ALAN ROBERTS** - VP EXPLORATION

A seasoned professional with over three decades of experience in mineral exploration and mining. He holds a Bachelor of Science in Geology from Goldsmiths, University of London (1989) and a Master of Science in Mineral Exploration and Geophysics from Imperial College London, Royal School of Mines (1992).

## **TERRI ANNE WELYKI** - VP CORPORATE COMMUNICATIONS

Ms. Welyki has over 15 years experience working with mining companies, including Calico Resources and EMC Green Group, with broad knowledge of financing, permitting, and stakeholder management in various geographies.

## **LEWIS TEAL** - SENIOR CONSULTANT AND QP

A professional geologist with over 35 years experience in mineral exploration, including significant time with Newmont-Goldcorp. Lewis has made multiple mineral discoveries during his career.

## **BRAD NORLING** - SENIOR PERMITTING CONSULTANT

Over 27 years experience providing biological, permitting, regulatory compliance, and environmental assessment services for the natural resource and renewals industries.

**DARREN BLASUTTI** – Chairman  
CEO of Americas Gold and Silver

**WILLIAM WULFTANGE** – Director  
President of the Society of Economic Geologists Foundation

**QUINTON HENNIGH** - Director  
President of San Cristobal Mining and the Technical Director of Crescat Capital.

**PETER McRAE** – Director  
SVP Corporate Affairs at Americas Gold and Silver

**JEFF O'NEILL** – Director  
Owner of JMO Enterprises

# Focused Exploring Two Districts



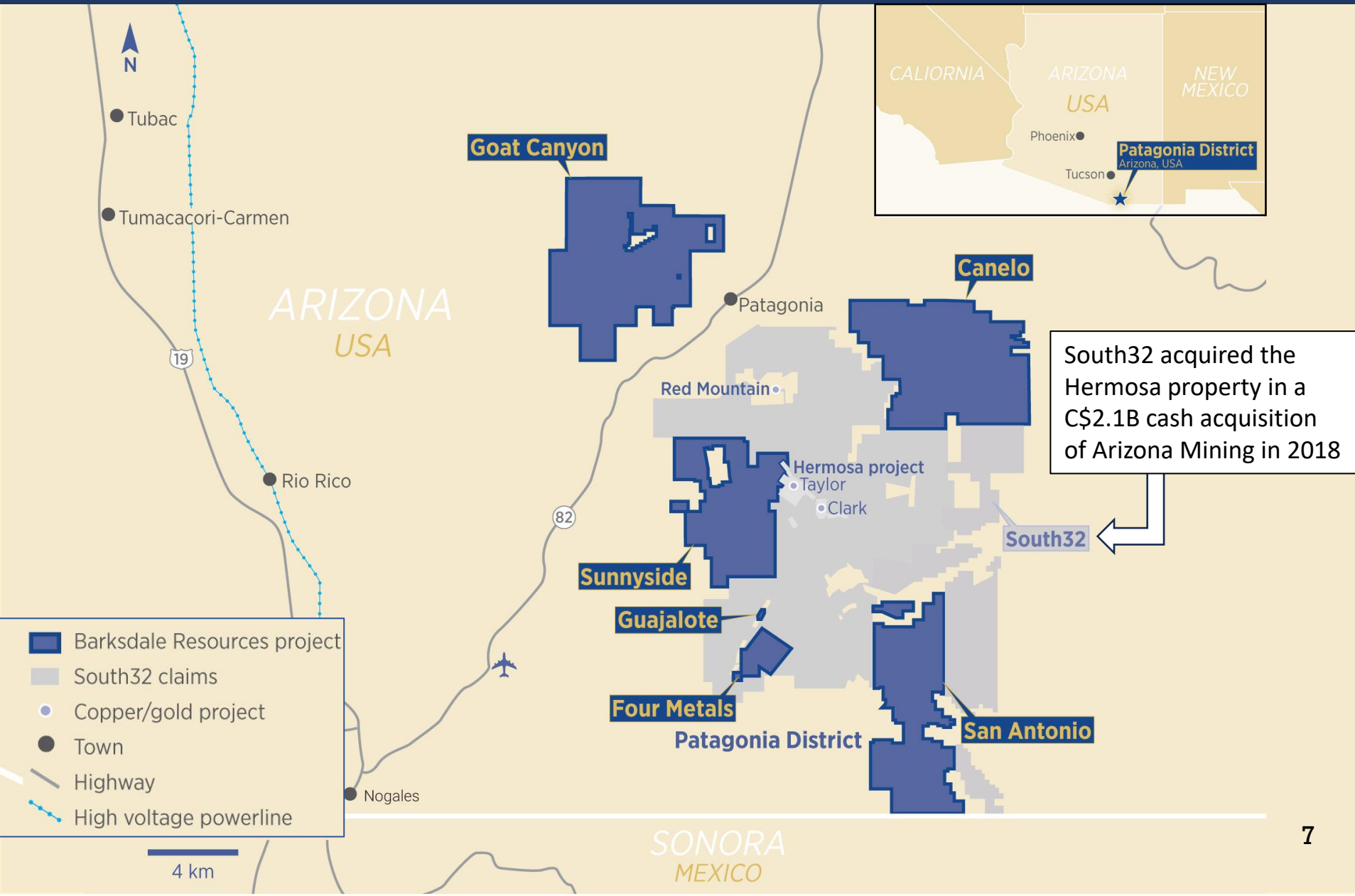
## Patagonia District

USFS Permit Approval in Hand  
Near Term Discovery Potential  
Neighbor to World Class Resource

## San Javier

Copper Oxide Resource  
Strong Leach Recoveries  
Robust PEA Economics

# Patagonia District - Arizona



# One System – Two Properties

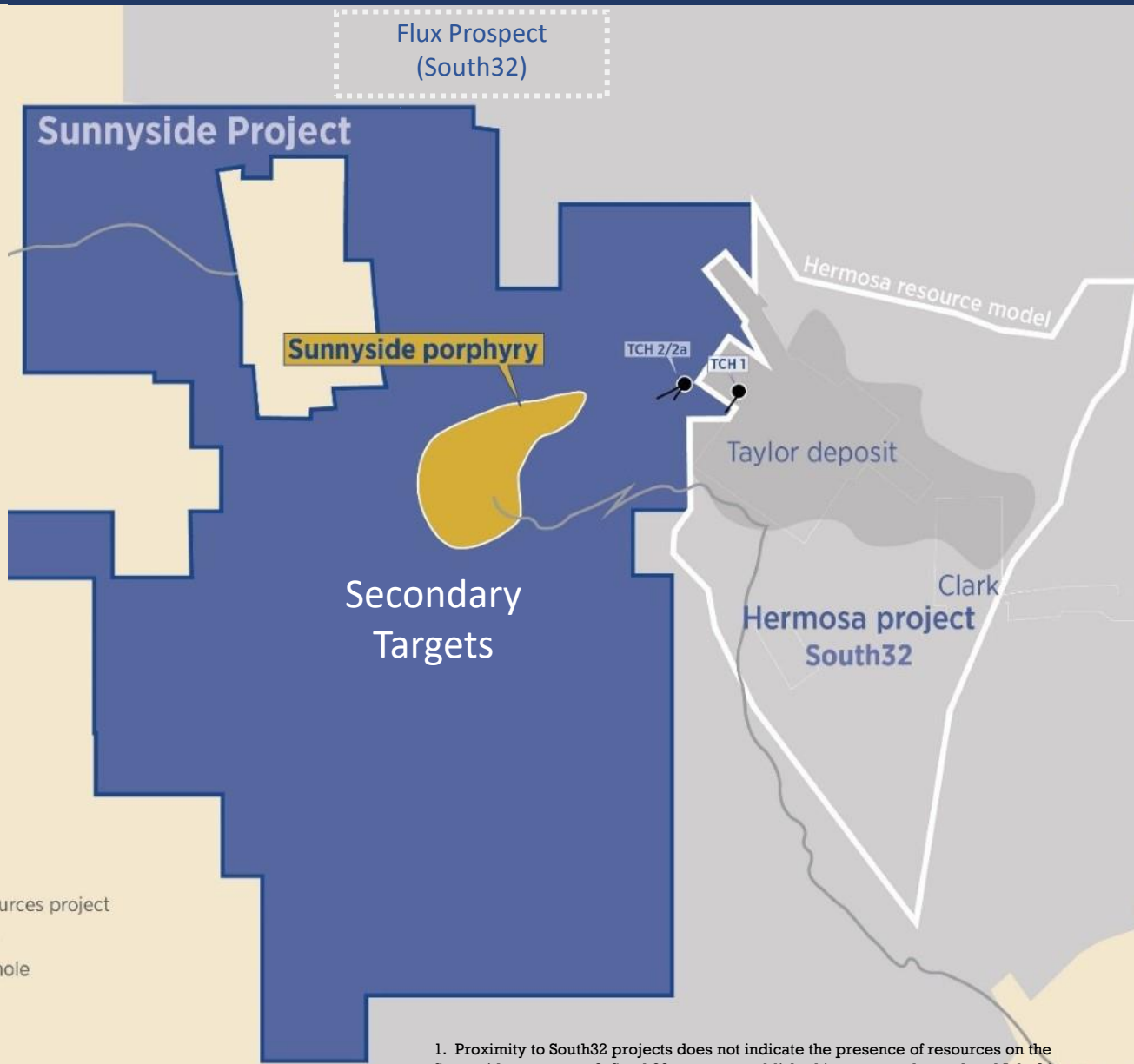
Project is adjacent to South32's Hermosa project<sup>1</sup>

Resource update by South32 in July 2023<sup>2</sup>:  
153Mt @ 3.53% Zn,  
3.83% Pb, 77g/t Ag

Mineralization at Sunnyside and Hermosa are part of the same system

Historic Sunnyside drill results\*:

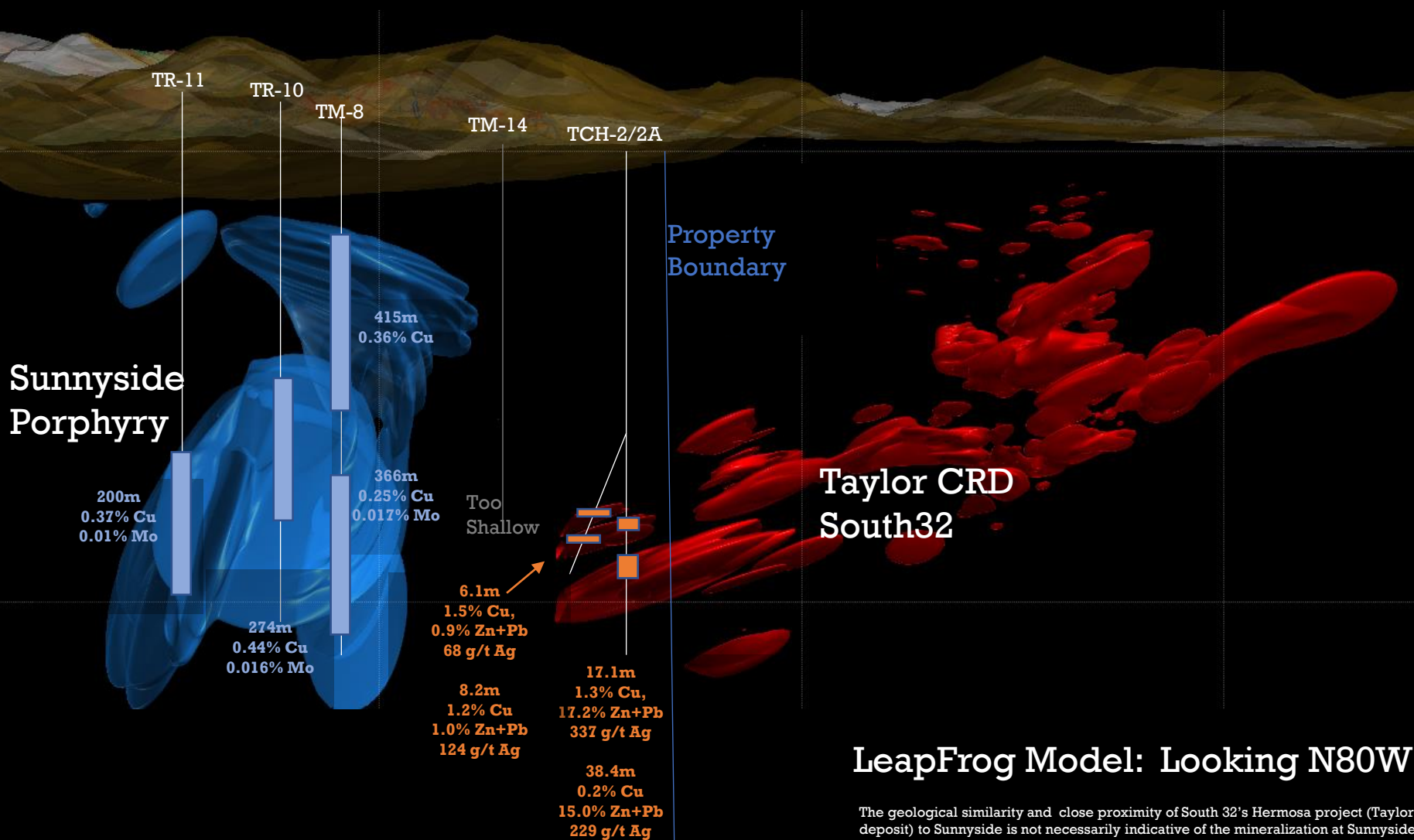
- 17m @ 17.2% Zn + Pb, 1.3% Cu, 337 g/t Ag
- 38m @ 15.0% Zn + Pb, 0.2% Cu, 229 g/t Ag



1. Proximity to South32 projects does not indicate the presence of resources on the Sunnyside property. 2 South32 resource published in a news release dated July 24, 2023. \* Historic results are not NI 43-101 compliant and should not be relied upon.



# One System – Two Properties



## LeapFrog Model: Looking N80W

The geological similarity and close proximity of South 32's Hermosa project (Taylor deposit) to Sunnyside is not necessarily indicative of the mineralization at Sunnyside. Taylor CRD mineralization modelled using publicly available data.

Drilling at Sunnyside was completed prior to the implementation of NI 43-101 and has not been verified by a "qualified person" and therefore should not be relied upon. Intercepts are presented to provide an indication of the possible mineralization within the Sunnyside Property and as a guide to future exploration.

# Significant Exploration Target

Sunnyside  
Porphyry

Property  
Boundary

Skarn/CRD  
Target Zone

Taylor CRD  
South32

## LeapFrog Model: Looking N80W

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Taylor CRD mineralization modelled using publicly available data.

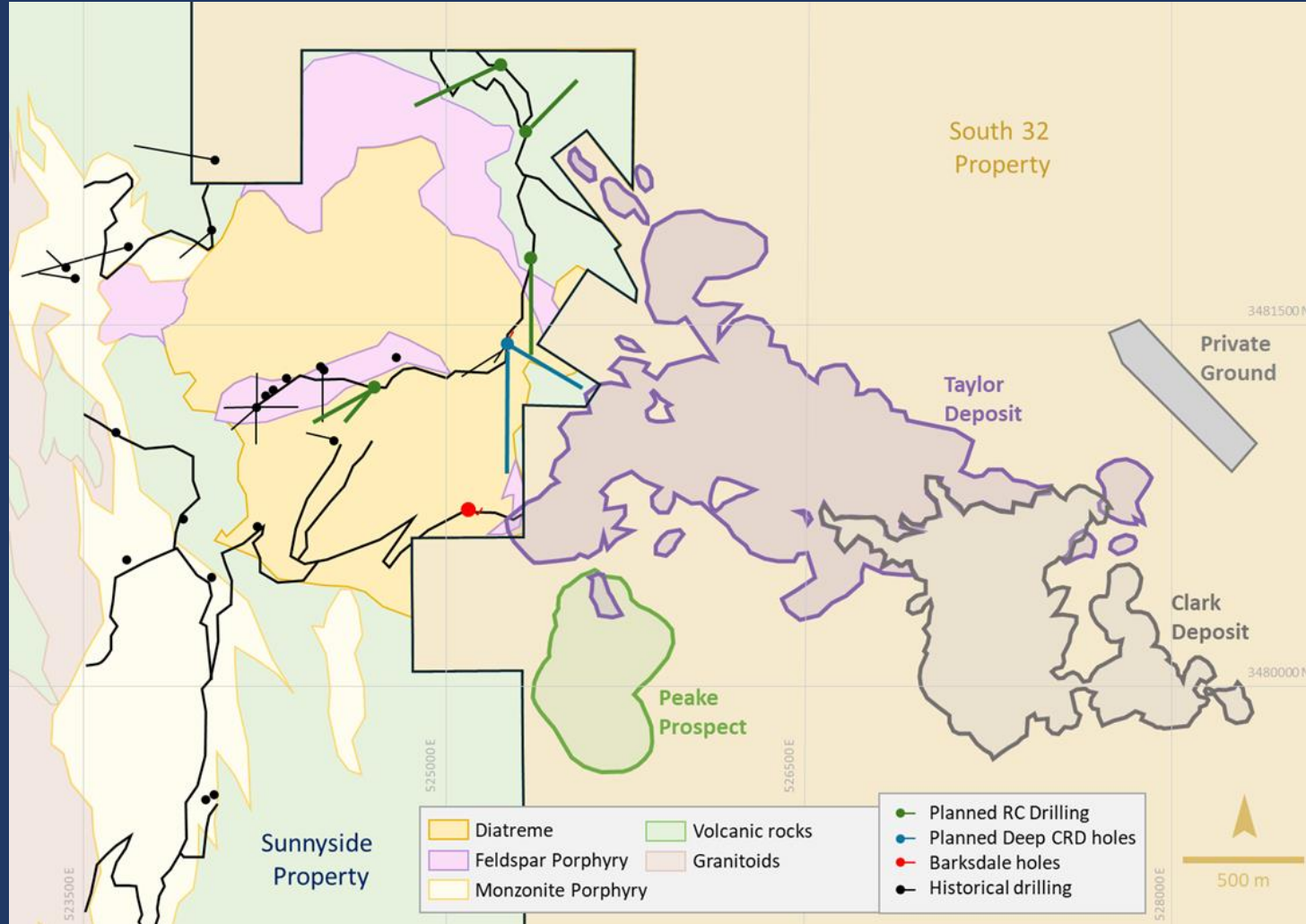
# Fall Drilling Program Ahead

Barksdale holds a 7-year exploration permit from the USFS

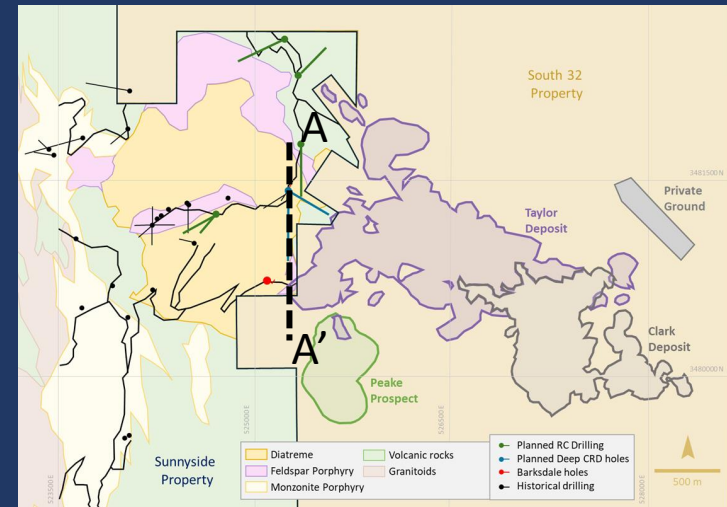
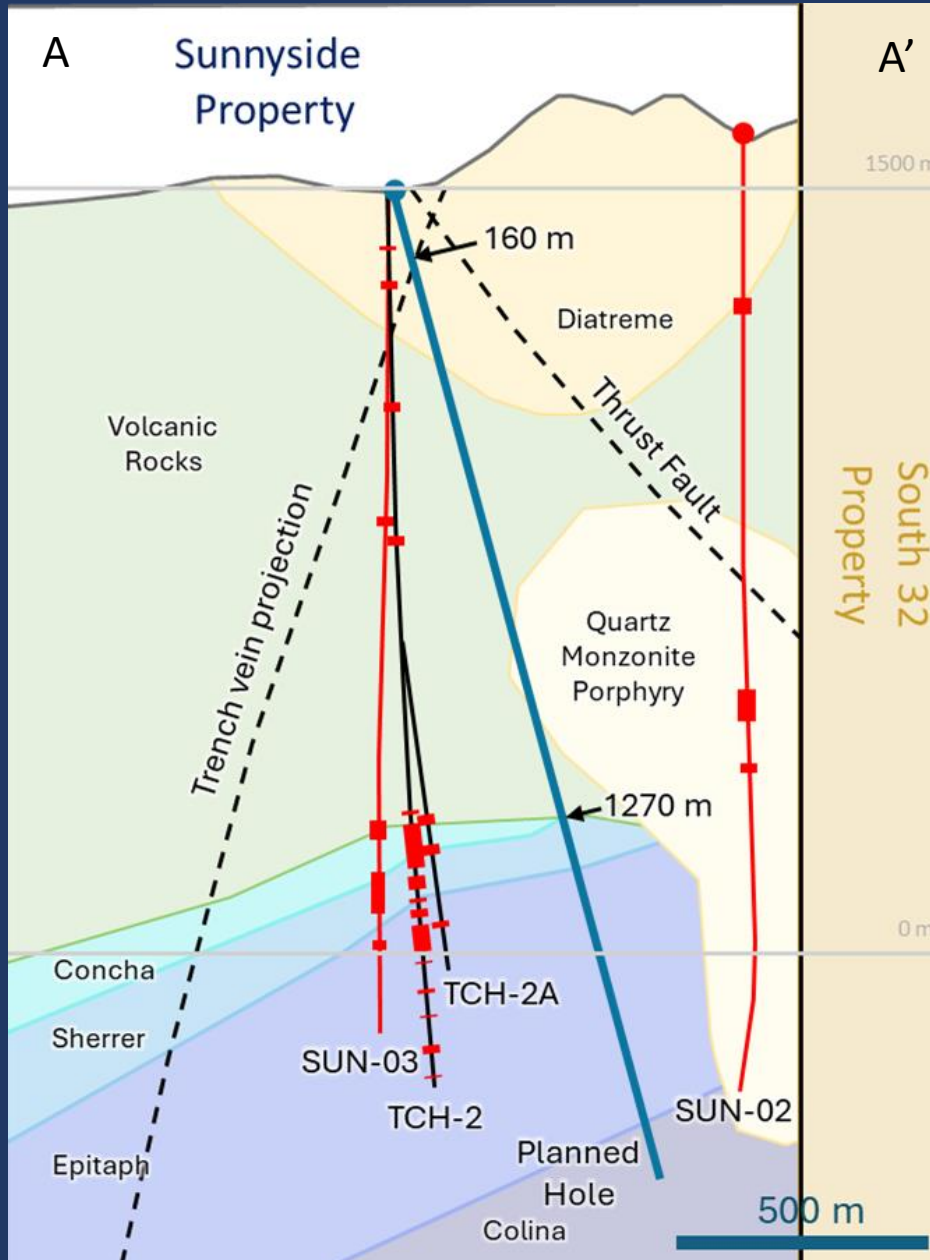
Barksdale completed approximately 4250m of drilling in 2023/2024.

Fully funded fall 2024 drilling program scheduled to begin in September.

Program will include RC pre-collars and deep diamond drilling.



# Fall 2024 Targets – Deep Carbonates

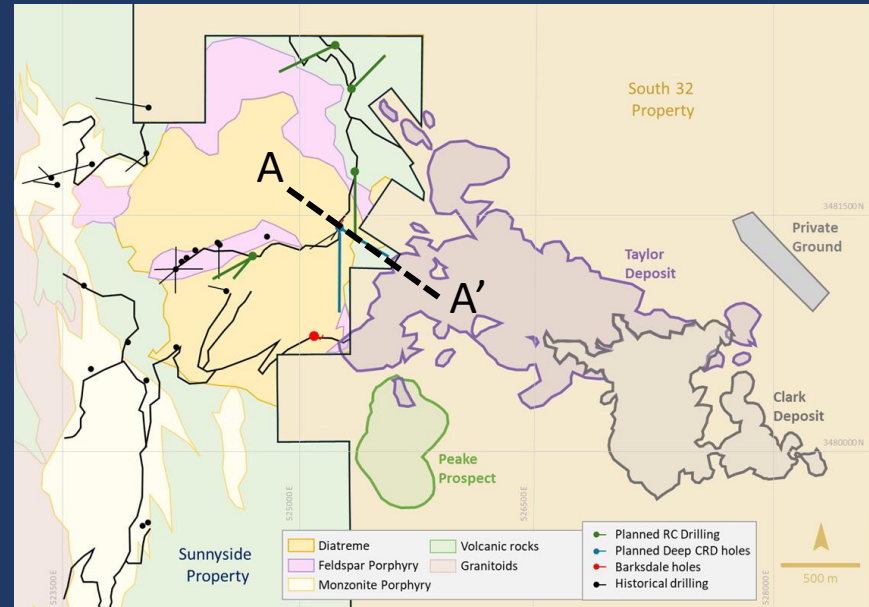
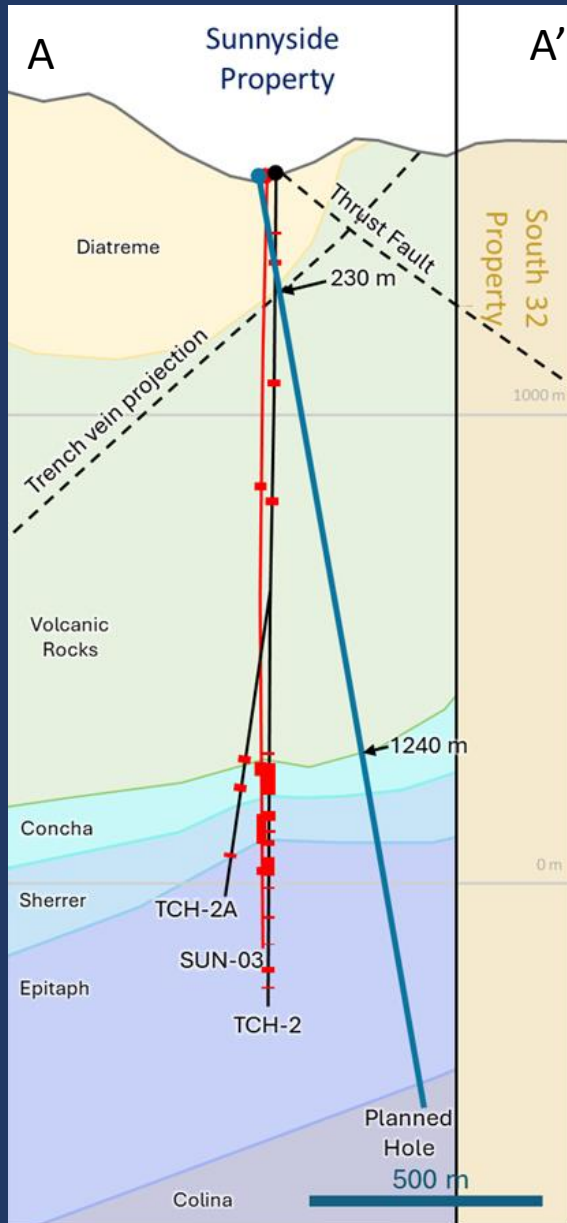


Primary target for deep drilling is the north dipping upper Paleozoic carbonate stratigraphy.

Potential for stratigraphically controlled CRD mineralization within the carbonate as well as skarn mineralization near the contact with a quartz monzonite porphyry (“QMP”).

The QMP has encountered in 2023 drilling and its nature (dike, sill, cupola) is unknown.

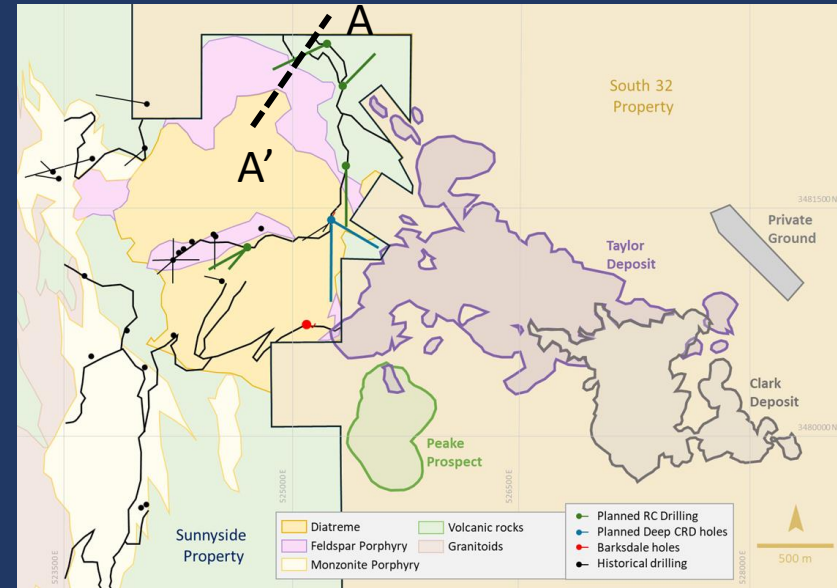
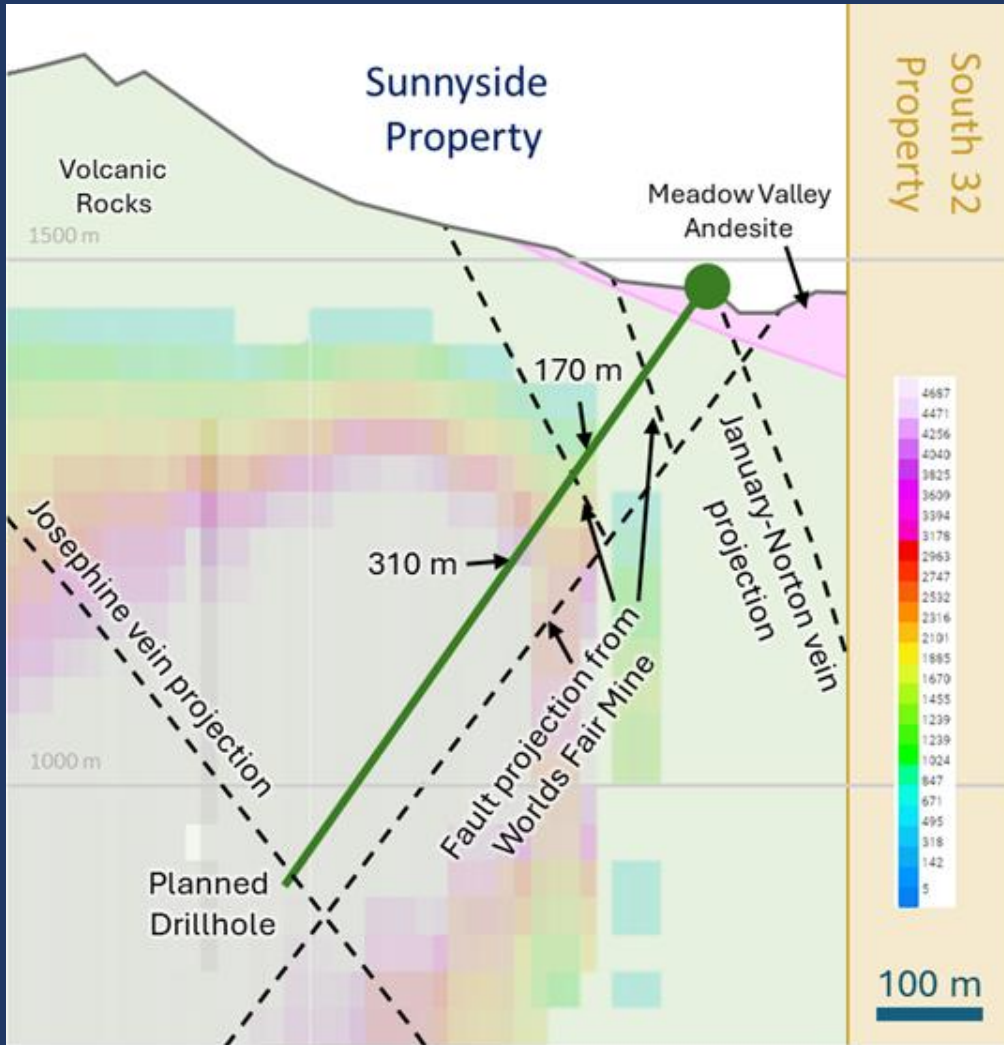
# Fall 2024 Targets – Deep Carbonates



Target is north dipping upper Paleozoic carbonate stratigraphy.

Potential for stratigraphically controlled CRD mineralization within the carbonate between the historic intercepts (TCH2, SUN03) and the property boundary to the east.

# Fall 2024 Targets – Shallow Targets



Shallow NSAMT geophysical target

Surface Gold and Lead anomaly over the projection of various vein-bearing structures

Potential for mineralized breccia pipes, porphyry and epithermal veins

Target will be tested utilizing RC drilling

# Hermosa 2024



- **Announced US\$2.2bn Construction Approval**
  - H2 2027 Initial Production
  - 2030 Steady State Production
- **28 year mine**
  - 65Mt reserve grading 4.35% Zinc, 4.9% Lead and 82 g/t Silver
    - Covers first 19 years of mine life
  - 153Mt resource grading 3.53% Zinc, 3.83% Lead and 77 g/t Silver
- **4.3Mtpa Annual Milling Capacity**
  - Production: 114kt zinc; 142kt lead; 7.4moz silver annually
- **First Quartile Cash Costs**
  - All-In Sustaining Costs: US\$0.16/lb Zinc (after credits)

# Hermosa 2024

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## Construction Underway Production Expected in 2027



Photo source: South32 2024 Full Year Report; August 29, 2024





## For More Information

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[www.BarksdaleResources.com](http://www.BarksdaleResources.com)

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# Appendix: Arizona Option Agreements


Barksdale can earn an initial 51% of Sunnyside over a two-year period.  
 It may then elect to increase to 67.5% over an additional two-year period.

Period	C\$ Cash	Exploration Requirement C\$	Number of Shares	
On execution of agreement	\$750,000 (paid)		1,250,000 (issued)	} 51%
On or before end of Year 1*	\$1,200,000**	\$3,000,000 (incurred)	3,850,000 (issued & escrowed)	
On or before end of Year 2	\$1,000,000	\$3,000,000 (partially incurred)	5,000,000	} 67.5%
On or before end of Year 3	-	\$3,000,000	-	
On or before end of Year 4	\$550,000	\$3,000,000	4,900,000	
<b>Total:</b>	<b>C\$3,500,000</b>	<b>C\$12,000,000</b>	<b>15,000,000</b>	

\*Year 1 does not start until drilling approvals have been received

\*\*BRO paid the final option payment of US\$200,000 (C\$254,700) to the original optioners on behalf of Regal. Additionally, BRO can apply C\$228,229 of costs related to the failed Sunnyside purchase and sale agreement signed in May 2021. These payments will be credited towards the Year 1 cash payment, lowering the payment to C\$717,071.

# Appendix: San Javier Option

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## Transaction Overview

- Barksdale to acquire an option to purchase 100% of San Javier from Tusk Exploration Ltd (private)
- Total consideration of ~C\$5.5 million consisting of:
  - 4M BRO shares and C\$50,000 in cash at closing (**complete**)
  - 2M BRO shares and C\$100,000 in cash on first anniversary
  - 3M BRO shares and C\$150,000 in cash at sooner of PFS or three years
  - 4M BRO shares and C\$200,000 in cash at sooner of securing construction financing or six years
  - Sliding scale NSR (1% below US\$3.50 copper; 2% above)

Update: As announced Sept 16, 2020, certain title issues have led Barksdale and Tusk to defer 35% of the consideration from the first two option payments. If the title defects are corrected before the third anniversary, Barksdale shall pay the deferred consideration within 30 days. If Tusk fails to correct the issues before the third anniversary, the deferred consideration will be canceled, and the remaining option payments will be reduced by 35%.

# Appendix: San Javier Resource

	Tonnes x 1000	Tcu %	As + Cn Cu %	AsCu %	CnCu %
Measured	12,485	0.278%	0.203%	0.172%	0.032%
Indicated	57,664	0.270%	0.184%	0.148%	0.037%
Total M&I	70,149	0.271%	0.187%	0.152%	0.036%
Inferred	5,965	0.240%	0.152%	0.114%	0.038%

	Total Contained Cu Lbs x 1000	Soluble Contained Cu Lbs x 1000
Measured	76,573	55,938
Indicated	342,669	233,504
Total M&I	419,242	289,442
Inferred	31,563	19,923

## Mineral Resource Notes:

1. TCu = total copper grade; AsCu = acid soluble copper; CnCu = cyanide soluble copper
2. AsCu + CnCu cutoffs vary by oxidation type: leach cap & oxide = 0.04%, mixed = 0.07%, sulfide = 0.08%
3. Contained pounds = ktonnes x TCu x 22.04  
Soluble pounds = ktonnes x AsCu + CnCu x 22.04
1. Mineral Resource tonnage and grades are restricted to the Cerro Verde Deposit
2. Total pit shell tonnage = 95,175 ktonnes; ratio of ktonnes below cutoff to above cutoff = 0.25
3. Grade capping was applied to reduce the influence of outlier samples; 2.5% Cu was used for the oxide and mixed zones and 1.5% Cu was used for the sulfide zones
4. The economic parameters used to define mineral resources is US\$4.00 per pound copper
5. Recovery estimates were 85% for leach cap and oxide, 75% for mixed, and 60% for sulfide.
6. Numbers may not add due to rounding

NI 43-101 Report can be found on  
[www.SEDAR.com](http://www.SEDAR.com) or at  
[www.BarksdaleResources.com](http://www.BarksdaleResources.com)