

FOCUSED ON COPPER

August 2025

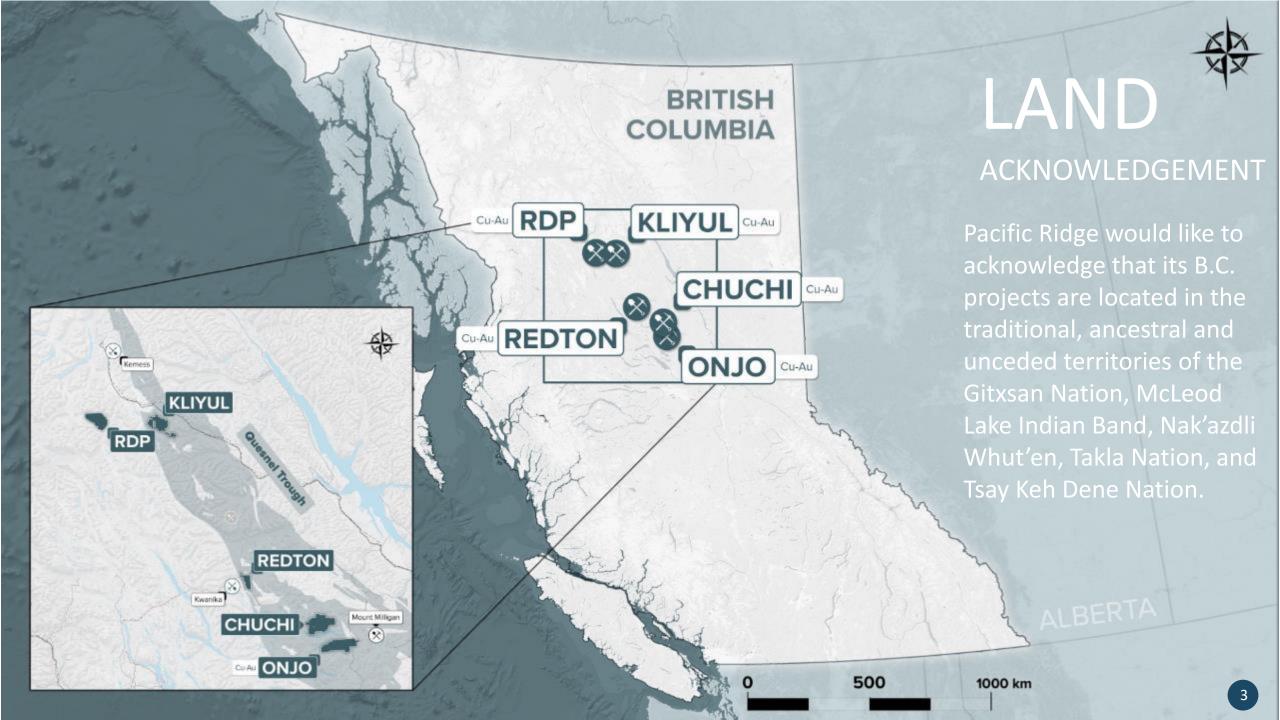
TSXV: PEX FSE: PQWN

OTCQB: PEXZF

FORWARD LOOKING STATEMENTS

This presentation includes certain statements that may be deemed "forward-looking statements". All statements in this presentation, other than statements of historical facts, that address exploration drilling, exploitation activities and events or developments that Pacific Ridge Exploration Ltd. expects to occur, are forward-looking statements. Such statements may be identified in this presentation by the use of words such as 'plans", "will", "expects" and "may" as well as the use of the future or conditional tense. Although Pacific Ridge Exploration Ltd. believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those in the forward-looking statements. Factors that could cause actual results to differ materially from those in forward looking statements include market prices, exploitation and exploration successes, and continued availability of capital and financing and general economic, market or business conditions. Investors are cautioned that any such statements are not guarantees of future performance and actual results or developments may differ materially from those projected in the forward-looking statements.

Pacific Ridge's disclosure of a technical or scientific nature has been reviewed by Danette Schwab, P.Geo., Vice President Exploration of Pacific Ridge, the Qualified Person under the definition of National Instrument 43-101.



WHY PACIFIC RIDGE?

Partnerships?

The Fiore Group.

Goal?

Become B.C.'s leading copper exploration company.

Investment thesis?

Growing demand for copper and increased political risk will lead to even more competition for copper projects in Tier 1 jurisdictions like B.C.



^{*}CuEq = ((Cu%) x \$Cu x 22.0462) + (Au(g/t) x AuR/CuR x \$Au x 0.032151) + (Ag(g/t) x AgR/CuR x \$Ag x 0.032151)) / (\$Cu x 22.0462). **AuEq = ((Au(g/t) x \$Au x 0.032151) + ((Cu%) x CuR/AuR x \$Cu x 22.0462) + (Ag(g/t) x AgR/CuR x \$Ag x 0.032151)) / (\$Au x 0.032151) Commodity prices: Cu = US\$3.25/lb, Au = US\$1,800/oz, and Ag = US\$20.00/oz.

There has been no metallurgical testing on RDP mineralization. The Company estimates copper recoveries (CuR) of 84%, gold recoverie (AuR) of 70%, and silver recoveries (AgR) of 65% based on the average recoveries from KUG, Mount Milligan, and Red Chris. Factors: 22.0462 = Cu% to lbs per tonne 0.032151 = Au a/t to troy oz per tonne and 0.032151 = Aa a/t to troy oz per tonne



Kliyul copper-gold project:

Kliyul Main Zone ("KMZ") hosts 334.1 million tonnes ("Mt") grading 0.33% copper equivalent ("CuEq"), 0.15% copper, 0.26 g/t gold, and 0.95 g/t silver in the Inferred Mineral Resource category¹

2.42 billion pounds CuEq:

- 1.11 billion pounds of copper,
- 2.74 million ounces of gold, and
- 10.22 million ounces of silver.

\$10.0M market capitalization.

Peers valued 4-5X higher.

RDP copper-gold project:

Drill hole RDP-22-005 intersected 107.2 m of 1.39% CuEq* or 2.06 g/t AuEq**.

One of B.C.'s best copper-gold intervals in 2022.

Drilling underway.



Recent activity in B.C.

Strategic investment:

BHP - 19.9% of Brixton.

Teck – 9.9% of Kodiak Copper.

Skeena Resources - ~13% TDG Gold.

Acquisition:

Hudbay - Copper Mountain (\$430M).

Newmont - GT Gold (\$450M).

Newmont - Newcrest (Red Chris) \$806M.

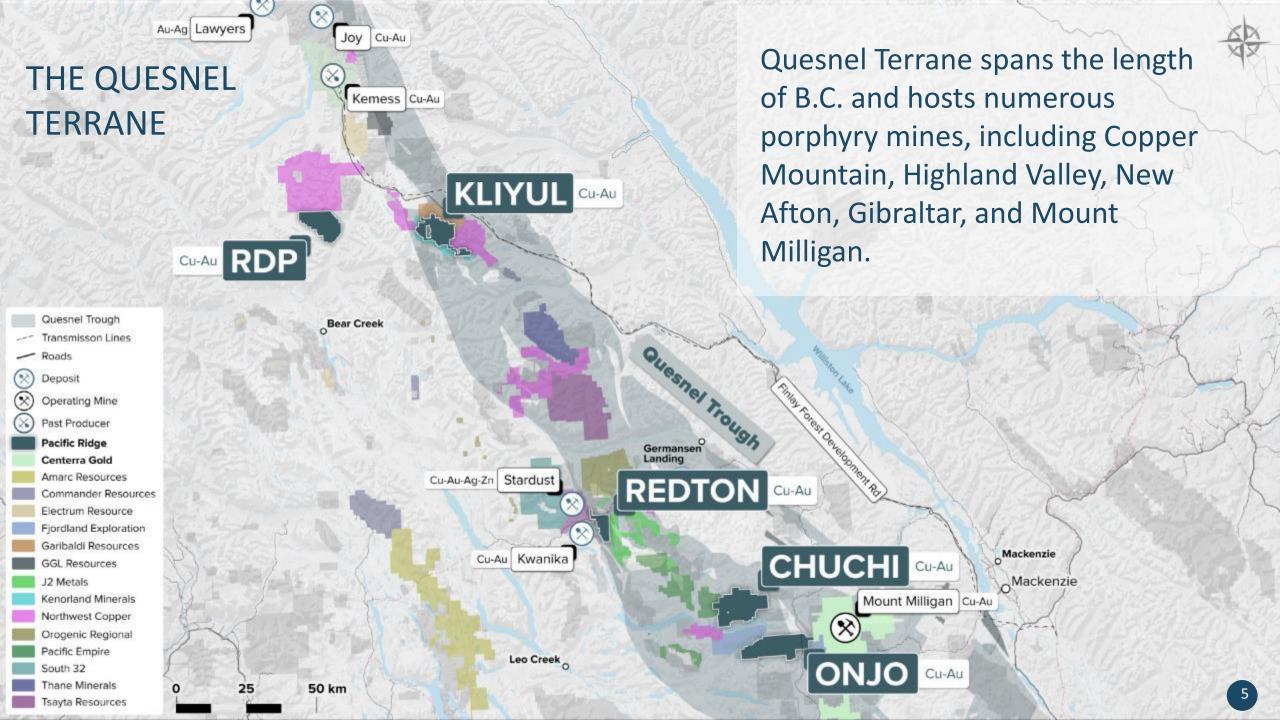
Joint venture:

Boliden - Amarc's Duke.

Freeport - Amarc's Joy.

Freeport – Arcwest's Todd Creek.

Freeport – Finlay's Pil and Atty.





SUMMARY

100% owned by Pacific Ridge, Kliyul is over 92 km² and is located in the prolific Quesnel terrane close to road and power.

~19,000 m of drilling and **\$14.0M spent** since 2021.

KMZ hosts 334.1 Mt grading 0.33% CuEq, 0.15% copper, 0.26 g/t gold, and 0.95 g/t silver in the Inferred Mineral Resource category¹:

2.42 billion pounds CuEq:

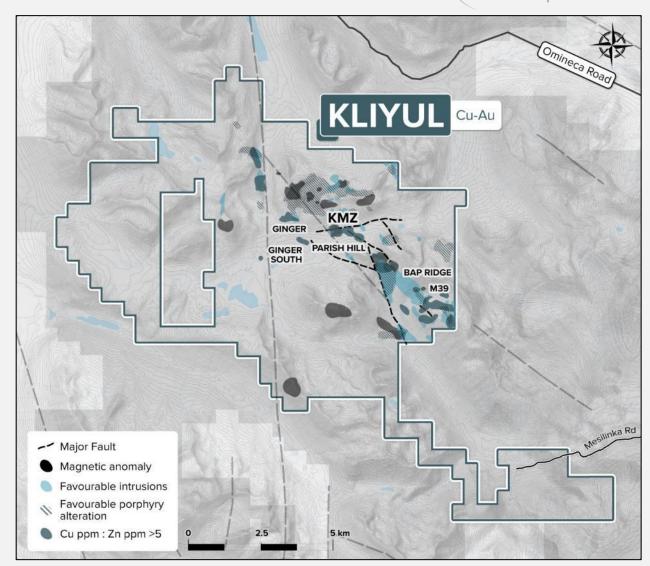
- 1.11 billion pounds of copper,
- 2.74 million ounces of gold, and
- 10.22 million ounces of silver.

Remains open for expansion.

Pacific Ridge's peers valued 4-5x higher.

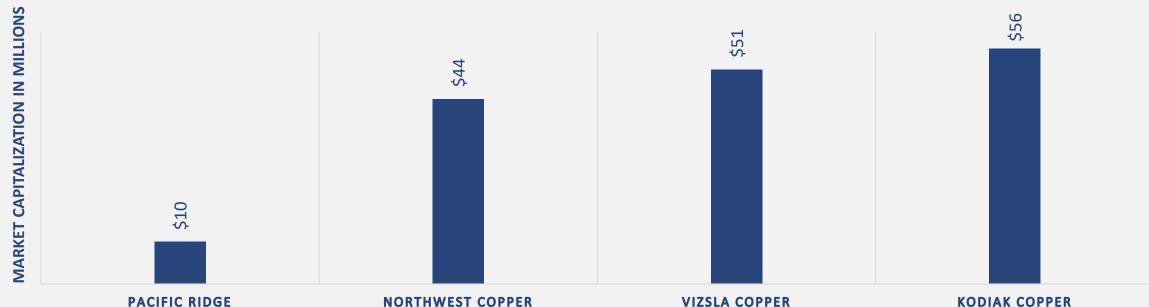
Results of recent ZTEM survey suggest that <u>most of the KMZ</u> porphyry system remains hidden and untested to the north.

In addition to KMZ, <u>five other porphyry targets exist along an</u> <u>underexplored 6-km long mineralized trend</u>: Bap Ridge, Ginger, Ginger South, M-39, and Parish Hill.



Peer Comparison





KMZ Resource¹

334.1 Mt @ 0.33% CuEq (Inferred) - 1,.11 Mlbs Cu, 2.74 Moz Au, 10.02 Moz Ag

- 1. See Pacific Ridge news release dated August 5, 2025.
- 2. See NorthWest Copper's news release dated January 5, 2023
- 3. See "Technical Report 2021 Update on the Poplar deposit, Omineca Mining Division, British Columbia", prepared by James Ashton, P.E., SME-RM, and Warren Robb, P.Geo for Universal Copper Ltd., completed September 2, 2021.
- 4. See "NI 43-101 Technical Report for the Woodjam Property, Horsefly, British Columbia, Canada", prepared by Susan Lomas., P.Geo., Lions Gate Consulting Inc., for Vizsla Copper Corp., completed December 16, 2022.
- 5. See Kodiak Copper's news release dated June 25, 2025.

NORTHWEST COPPER

Kwanika-Stardust Resource²

Kwanika Central

66.6 Mt @ 0.26% Cu, 0.25 g/t Au, 0.92 g/t Ag (M&I) - 385 Mlbs Cu, 0.532 Moz Au, 1.965 Moz Ag (open pit)

36.8 Mt @ 0.51% Cu, 0.62 g/t Au, 1.60 g/t Ag (M&I)

- 410 Mlbs Cu, 0.738 Moz Au, 1.897 Moz Ag (underground)

Kwanika South

25.4 Mt @ 0.28% Cu, 0.06 g/t Au, 1.68 g/t Ag (Inferred) - 155 Mlbs Cu, 0.052 Moz Au, 1.536 Moz Ag (open pit)

Stardust (underground)

1.6 Mt @ 1.49% Cu, 1.63 g/t Au, 30.1 g/t Ag (Indicated) 4.1 Mt @ 1.0% Cu, 1.38 g/t Au, 22.8 g/t Ag (Inferred)

VIZSLA COPPER

Poplar Historical Resource³

152.3 Mt @ 0.43% CuEq (Indicated – historical) - 1,090 Mlbs Cu, 29.5 Mlbs Mo, 0.43 Moz Au, 12.64 Moz Ag

139.3 Mt @ 0.39% CuEq (Inferred - historical)

- 903 Mlbs Cu, 16.0 Mlbs Mo, 0.32 Moz Au, 22.18 Moz Ag

262.8 Mt @ 0.40% CuEq (Inferred – historical) - 1.705 Mlbs Cu and 0.968 Moz Au

Woodjam Historical Resource⁴

MPD Resource⁵

56.4 Mt @ 0.42% CuEq (Indicated)

- 385 Mlbs Cu and 0.25 Moz Au

240 Mt @ 0.33% CuEq (Inferred)

- 1,291 Mlbs Cu and 0.96 Moz Au

KMZ Mineral Resource Estimate (CuEq)



Cutoff (CuEq%)	Tonnes	CuEq%	Cu%	Au g/t	Ag g/t	CuEq Mlbs	Cu Mlbs	Au Oz	Ag Oz
0.15	383,300,000	0.31	0.14	0.24	0.91	2.615	1,212	2,920,000	11,270,000
0.20	334,100,000	0.33	0.15	0.26	0.95	2.422	1,110	2,740,000	10,220,000
0.25	239,200,000	0.37	0.16	0.30	1.04	1.950	861	2,280,000	7,980,000

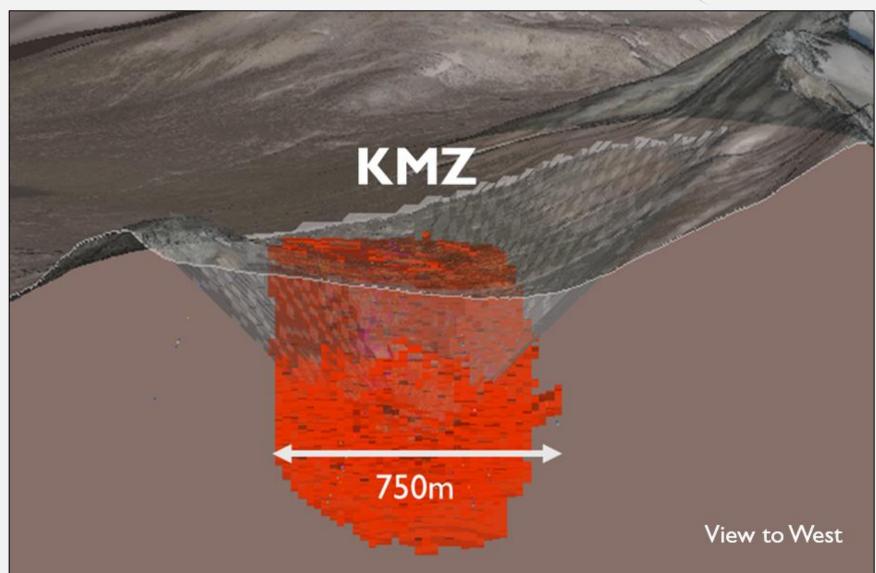
Notes

- 1. The effective date of the Mineral Resource estimate is July 31, 2025.
- 2. The Mineral Resource was estimated using the Canadian Institute of Mining, Metallurgy and Petroleum(CIM), Definition Standards for Mineral Resources and Reserves, as prepared by the CIM Standing Committee and adopted by CIM Council.
- 3. There has been no metallurgical testing on Kliyul mineralization. The Company estimates copper recoveries (CuR) of 80%, gold recoveries (AuR) of 65%, and silver recoveries (AgR) of 65% based on the reported recoveries from Mount Milligan.
- 4. The mineral resource is constrained within a pit shell using metal recoveries of Cu 80%, Au 65% and Ag 65%, an exchange rate of 1.30 CAD:USD, mining cost of C\$3.5/t, process cost of C\$7.0/t, G&A costs of C\$3.0/t, pit slopes of 45 degrees and metal prices of \$Cu = US\$4.60/lb, \$Au = US\$2,600/oz., Ag = US\$30.00/oz. A fixed bulk density of 2.77 t/m3 was used for the estimation of tonnes.
- 5. CuEq = Cu% + (0.6697*Au g/t) + (0.0077*Ag g/t).
- 6. Factors: 22.0462 = Cu% to lbs per tonne, 0.032151 = Aug/t to troy oz per tonne, and 0.032151 = Agg/t to troy oz per tonne.
- 7. The CIM definitions were followed for the classification of Inferred Mineral Resources. inferred blocks were assigned for blocks with one drill hole within 150 m.
- 8. Mineral Resources are not Mineral Reserves do not have demonstrated economic viability. There is no certainty that all or any part of the mineral resources will be converted into mineral reserves in the future. The MRE may be materially affected by considerations including, but not limited to, permitting, legal, sociopolitical, environmental issues, market conditions or other factors.
- 9. All figures are rounded to reflect the relative accuracy of the estimate. Totals may not sum due to rounding as required by reporting guidelines.



KMZ Pit Shell and Unconstrained Block Model at a 0.20% CuEq Cutoff

Mineralization at KMZ remains open for expansion within and beyond the resource reporting shells used to restrict the resource model



Highlights of 2023 Kliyul Drill Program

8,965 m in 16 drill holes at KMZ.

<u>Successfully expanded mineralized</u> <u>extents</u> in all directions.

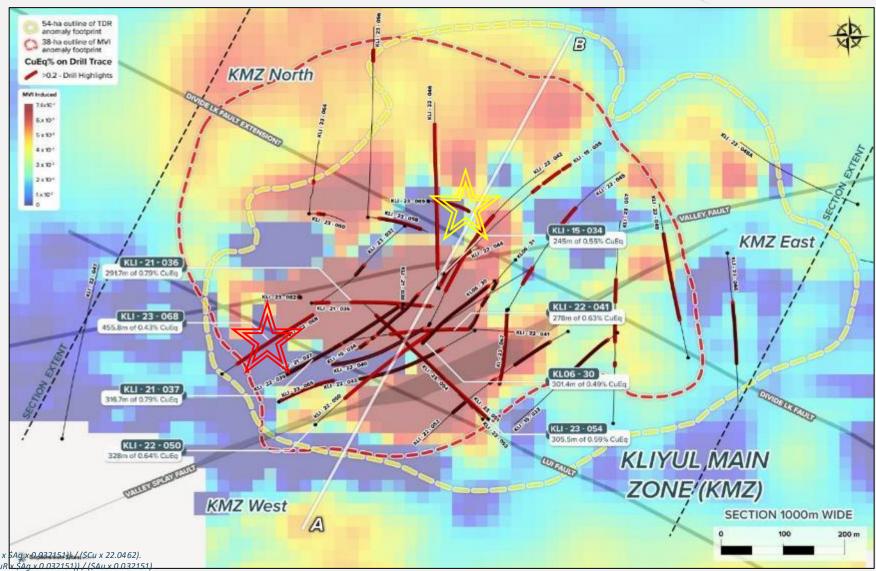
Mineralized extents now measure ~760 m (E-W) x ~600 m (N-S) x ~650 m depth and remains open.

KLI-23-068, collared in KMZ West, returned 110.0 m of 0.97% CuEq* or 1.44 g/t AuEq** within 455.8 m of 0.43% CuEq* or 0.63 g/t AuEq**.

Best interval of 2023 drill program.

KLI-23-069, collared in KMZ North, provides a down-plunge vector for a <a href="https://hittage.nih.google.nih

KMZ with Magnetic Vector Inversion (MVI) and Tilt Derivative (TDR)



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Commodity prices: \$Cu = US\$3.25/lb, \$Au = US\$1,800/oz., and Ag = US\$20.00/oz.There has been no metallurgical testing on Kliyul mineralization. The Company estimates copper recoveries (CuR) of 84%, gold recoveries (AuR) of 70%, and silver recoveries (AgR) of 65% based on the average recoveries from KUG, Mount Milligan, and Red Chris.

Factors: 22.0462 = Cu% to 1/2 to troy oz per tonne, 1/2 to troy oz per tonne, and 1/2 to troy oz per tonne.



Highlights of 2023 Kliyul Drill Program

The last hole of the 2023 drill program, KLI-23-069, returned 45.0 m of 0.58% CuEq* or 0.86 g/t AuEq** within 570.0 m of 0.27% CuEq* or 0.40 g/t AuEq**.

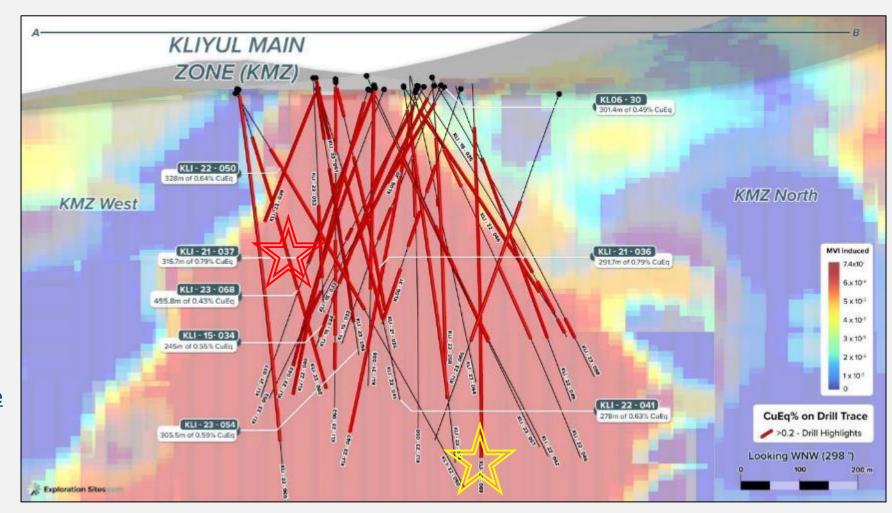
The 45 m interval, at 584 m downhole depth, is <u>the deepest mineralized</u> interval ever encountered at Kliyul.

KLI-23-069 intersected an alternating sequence of intrusive phases starting at 483.0 m depth.

Pacific Ridge believes that KLI-23-069 intersected the <u>causative quartz diorite</u> <u>porphyry stock (KMZ stock) towards</u> bottom of hole.

https://pacificridgeexploration.com/site/assets/files/5970/2024-01-09-nr-pex-4hyh57hs5.pdf

Cross Section of KMZ



^{*}CuEq = ((Cu%) x \$Cu x 22.0462) + (Au(g/t) x AuR/CuR x \$Au x 0.032151) + (Ag(g/t) x AgR/CuR x \$Ag x 0.032151)) / (\$Cu x 22.0462).

**AuEq = ((Au(g/t) x \$Au x 0.032151) + ((Cu%) x CuR/AuR x \$Cu x 22.0462) + (Ag(g/t) x AgR/CuR x \$Ag x 0.032151)) / (\$Au x 0.032151).

Commodity prices: \$Cu = U\$\$3.25/lb, \$Au = U\$\$1,800/oz., and Ag = U\$\$20.00/oz.

There has been no metallurgical testing on Kliyul mineralization. The Company estimates copper recoveries (CuR) of 84%, gold recoveries (AuR) of 70%, and silver recoveries (AqR) of 65% based on the average recoveries from KUG, Mount Milligan, and Red Chris.

Factors: 22.0462 = Cu% to lbs per tonne, 0.032151 = Au q/t to troy oz per tonne, and 0.032151 = Aq q/t to troy oz per tonne.

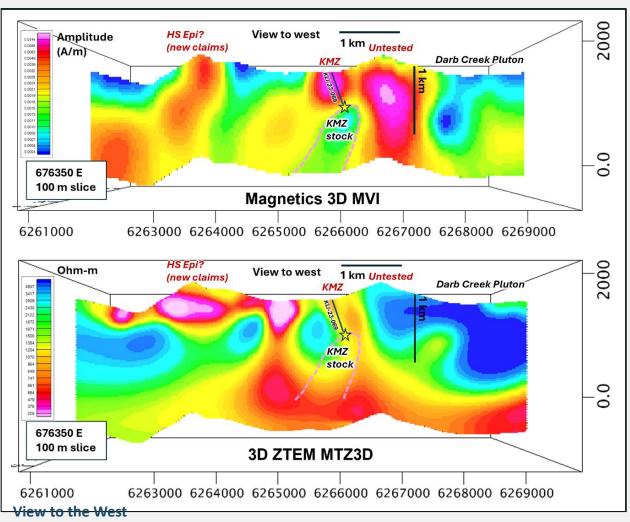
2024 ZTEM Results



Supports thesis that bottom of hole KLI-23-069 drilled into the causative quartz diorite porphyry stock (KMZ stock).

Pacific Ridge believes that drilling to date has only tested one part of the porphyry system and that <u>most of the system remains</u> <u>hidden and untested to the north.</u>

N-S Section Across the Undrilled NNE Magnetic Anomaly of the KMZ Porphyry Footprint





<u>Continue defining the KMZ porphyry</u> <u>system</u> as it relates to the inferred causative quartz diorite porphyry stock (KMZ stock).

Will the definition of the KMZ porphyry system lead to the discovery of another system <u>or</u> <u>confirm that KMZ is part of a much larger system?</u>

Are there other porphyry systems along the <u>underexplored 6-km long</u> <u>mineralized trend?</u>

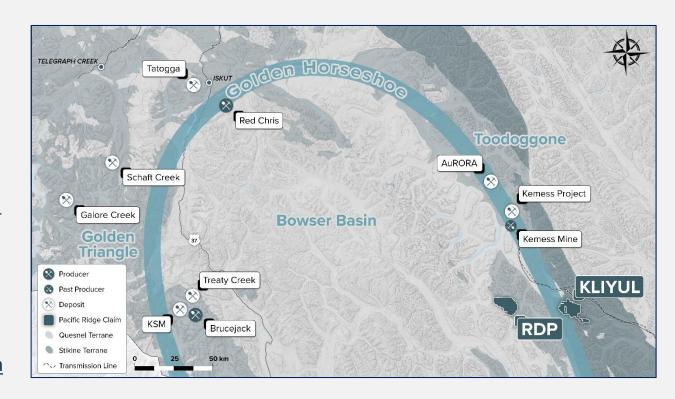
KMZ Looking West



SUMMARY

Located in the <u>Golden Horseshoe at the southern end of the</u>
<u>Toodoggone District</u>, a prolific area for copper-gold porphyries:

- Past-producing Kemess mine <u>produced ~3.0M ounces of gold</u> and 749M lbs of copper from 1998-2011¹.
- Kemess Project hosts 2.7M ounces of gold Indicated and 2.2M ounces of gold Inferred plus 971M lbs of copper Indicated and 821M lbs copper Inferred.²
- Amarc Resources Ltd. ("Amarc") <u>recent high-grade porphyry</u> <u>copper-gold-silver discovery at AuRORA</u> (AuRORA is a target area within Amarc's Joy District).
 - Drill hole JP-24-074 returned <u>108 m of 2.59% CuEq within</u>
 162 m of 1.90% CuEq³.

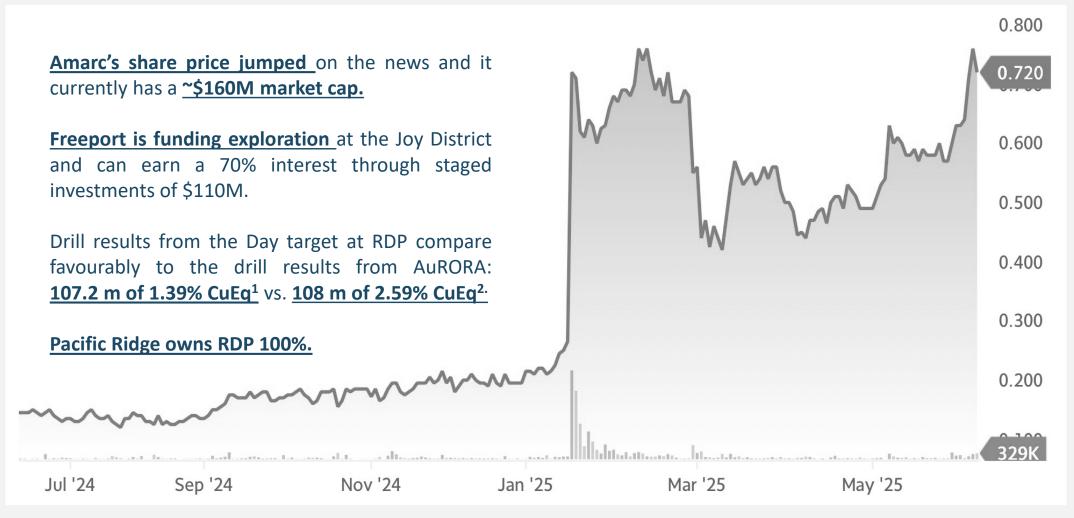


 $[*]CuEq = ((Cu\%) \times \$Cu \times 22.0462) + (Au(g/t) \times AuR/CuR \times \$Au \times 0.032151) + (Ag(g/t) \times AgR/CuR \times \$Ag \times 0.032151)) / (\$Cu \times 22.0462).$

^{**}AuEq = ((Au(g/t) x \$Au x 0.032151) + ((Cu%) x CuR/AuR x \$Cu x 22.0462) + (Ag(g/t) x AgR/CuR x \$Ag x 0.032151)) / (\$Au x 0.032151). Commodity prices: \$Cu = US\$3.25/lb, \$Au = US\$1,800/oz., and Ag = US\$20.00/oz.

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SUMMARY



 $_{1}$ CuEq = ((Cu%) x \$Cu x 22.0462) + (Au(g/t) x AuR/CuR x \$Au x 0.032151) + (Ag(g/t) x AgR/CuR x \$Ag x 0.032151)) / (\$Cu x 22.0462). Commodity prices: \$Cu = U\$\$3.25/lb, \$Au = U\$\$1,800/oz., and Ag = U\$\$20.00/oz.

RDP copper-gold project

SUMMARY

RDP was optioned to **Antofagasta** from 2022 to 2024.

Five diamond drill holes completed at Day in 2022 with drill hole RDP-22-005 returning 107.2 m of 1.39% CuEq* or 2.06 g/t

AuEq** within 497.2 m of 0.66% CuEq* or 0.97 g/t AuEq**.

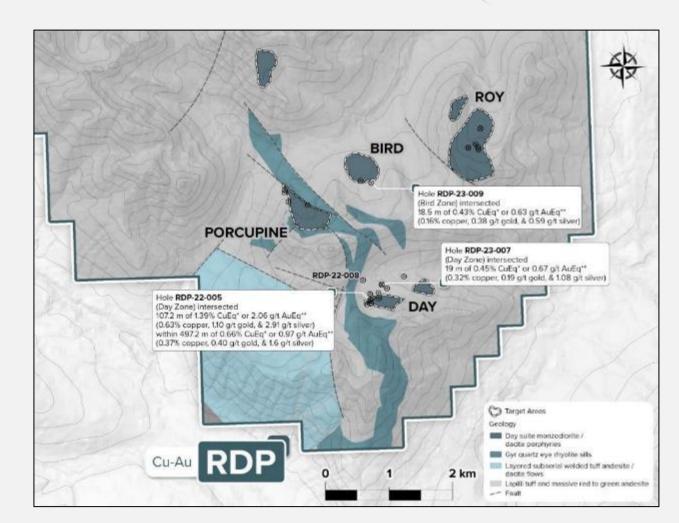
One of B.C.'s best porphyry copper-gold intervals that year.

In 2023, <u>only two drill holes</u> followed up on this interval but were large step outs, <u>more than 300 m away.</u>

Hole RDP-23-007 intersected 19.0 m of 0.45% CuEq* or 0.67 g/t AuEq**² at bottom of hole and was **shut down in mineralization**.

The 2023 program did not adequately follow up the high-grade porphyry copper-gold mineralization encountered in RDP-22-005.

Minimum 1,500 m drill program underway.



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1https://pacificridgeexploration.com/site/assets/files/5904/2022-10-25_nr22-23_rdp_hole_5_results_final.pdf

2https://pacificridgeexploration.com/site/assets/files/5963/2023-11-23_pex_nr23-23_rdp_drill_results_final.pdf

PACIFIC RIDGE

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KEY MANAGEMENT

Gerald G. Carlson, PhD, PEng.

Chairman & Director

Over 40 years' experience in mining and mineral exploration with a focus on precious and base metal deposits in Canada. Received the J.C. Sproule Award for his work in the Yukon.

Blaine Monaghan, MBA

President, CEO, & Director

Nearly 25 years' experience creating shareholder value in the exploration industry. Has raised more than \$125 million and worked with a number of companies that were subject to M&A.

STRATEGIC ADVISORS

Rob McLeod

Mr. McLeod is a lead technical advisor to the Fiore Group, CEO of Nations Royalty Inc, Director of Dolly Varden Silver and Nexgold as well as Advisor to West Red Lake Gold Mines.

Danette Schwab, BSc., PGeo.

Vice President Exploration

Nearly 20 years' experience in mining and mineral exploration with a number of junior and intermediate mining companies. Ms. Schwab has experience exploring for a number of deposit types, including porphyry copper-gold deposits.

Harry Nijjar, CPA CMA

Mr. Nijjar is a Managing Director of Malaspina Consultants Inc. and provides CFO and strategic financial advisory services to his clients across many industries. Mr. Nijjar is a CPA CMA and has a BCom from the University of British Columbia.

Ryan Weymark

Mr. Weymark is part of the Fiore Group, contributing to the creation and advancement of new mining ventures. He is a co-founder of several public and private resource companies, and is an advisor to West Red Lake Gold Mines, Dolly Varden Silver and Nations Royalty.

SHARE STRUCTURE

PACIFIC RIDGE exploration Itd.

Trades on TSX.V:PEX; OTCQB: PEXZF; PQWN: FSE

Common shares: 38.4M

Warrants: 26.3M

Stock options: 3.7M

Fully diluted: 68.4M

52 week high/low: \$0.115/\$0.50

Market capitalization: ~\$10.0M

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Partnerships?

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Goal?

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¹ See Pacific Ridge news release dated August 5, 2025.

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