



PACIFIC RIDGE

exploration ltd.

FOCUSED ON COPPER

March 2025

TSXV: PEX

FSE: PQWN

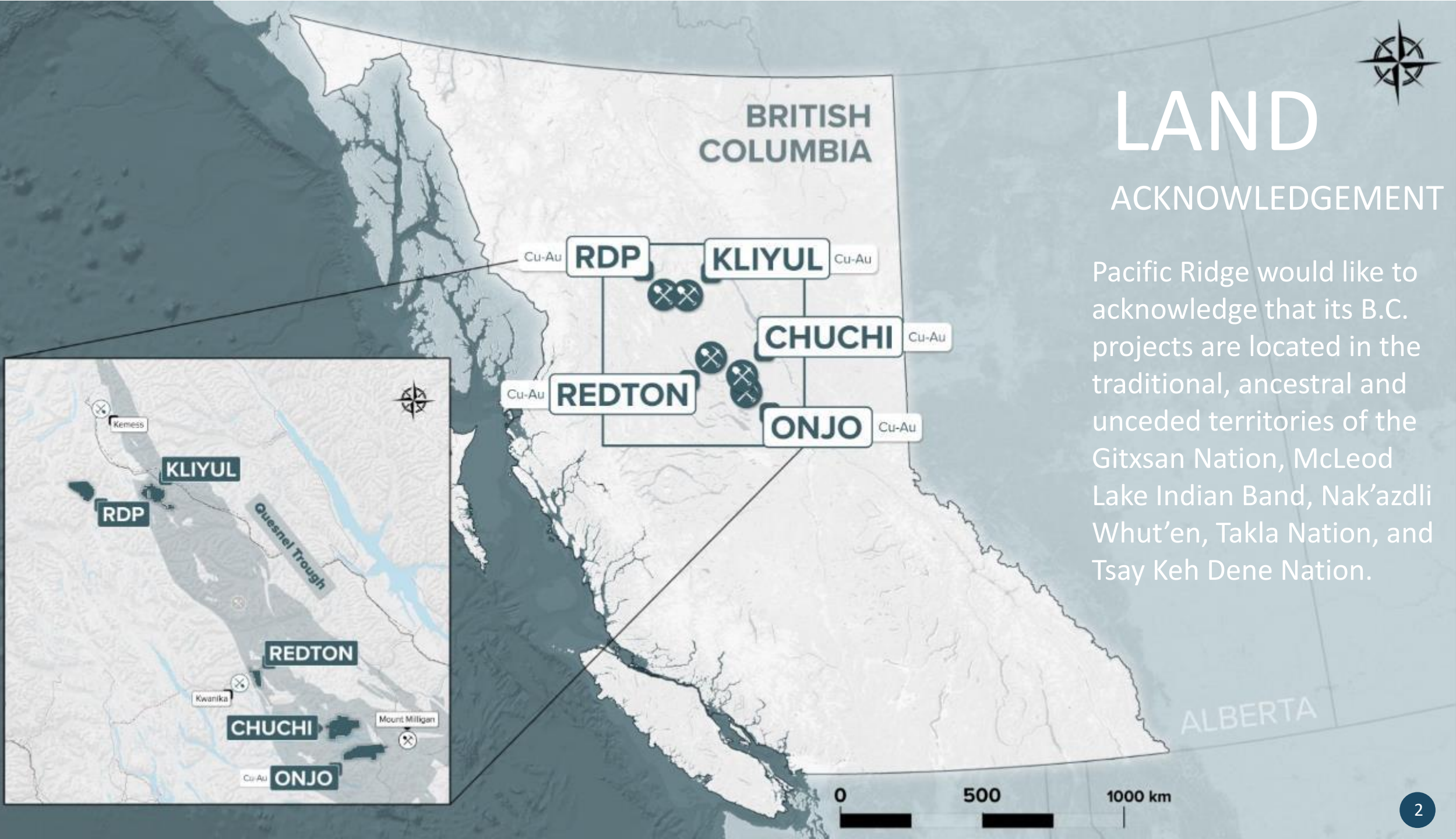
OTCQB: PEXZF



LAND

ACKNOWLEDGEMENT

Pacific Ridge would like to acknowledge that its B.C. projects are located in the traditional, ancestral and unceded territories of the Gitxsan Nation, McLeod Lake Indian Band, Nak'azdli Whut'en, Takla Nation, and Tsay Keh Dene Nation.



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?

We own or control **five high-quality** copper-gold porphyry projects.

Our Goal?

Become B.C.'s **leading** copper-gold exploration company.

Investment thesis

Increased demand for copper and heightened political risk **will lead to more competition for copper-gold porphyry 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 Klyul or RDP 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 lbs per tonne, 0.032151 = Au g/t to troy oz per tonne, and 0.032151 = Ag g/t to troy oz per tonne.



Opportunity

RDP copper-gold project:

Optioned to Antofagasta Minerals S.A. from 2022-2024.

Drill hole RDP-22-005 intersected 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** in 2022.

Pacific Ridge plans to follow up on this high-grade porphyry copper-gold interval in 2025.

Klyul copper-gold project:

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

Drill hole KLI-21-037 intersected 316.7 m 0.79% CuEq* or 1.17 g/t AuEq**.

Exploration success at RDP, combined with a tight share structure, could generate a significant return on investment.



Recent activity in B.C.

Strategic investment:

Teck – 15% of American Eagle.
South 32 – 19.9% of American Eagle.
BHP – 19.9% of Brixton.

Teck – 9.9% of Kodiak Copper.

African Rainbow – 15% Surge Copper.

Skeena Gold and Silver – TDG Gold Corp.

Acquisition:

Hudbay – Copper Mountain (\$430M).

Newmont - GT Gold (\$450M).

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

Joint venture:

Boliden - Amarc's Duke.

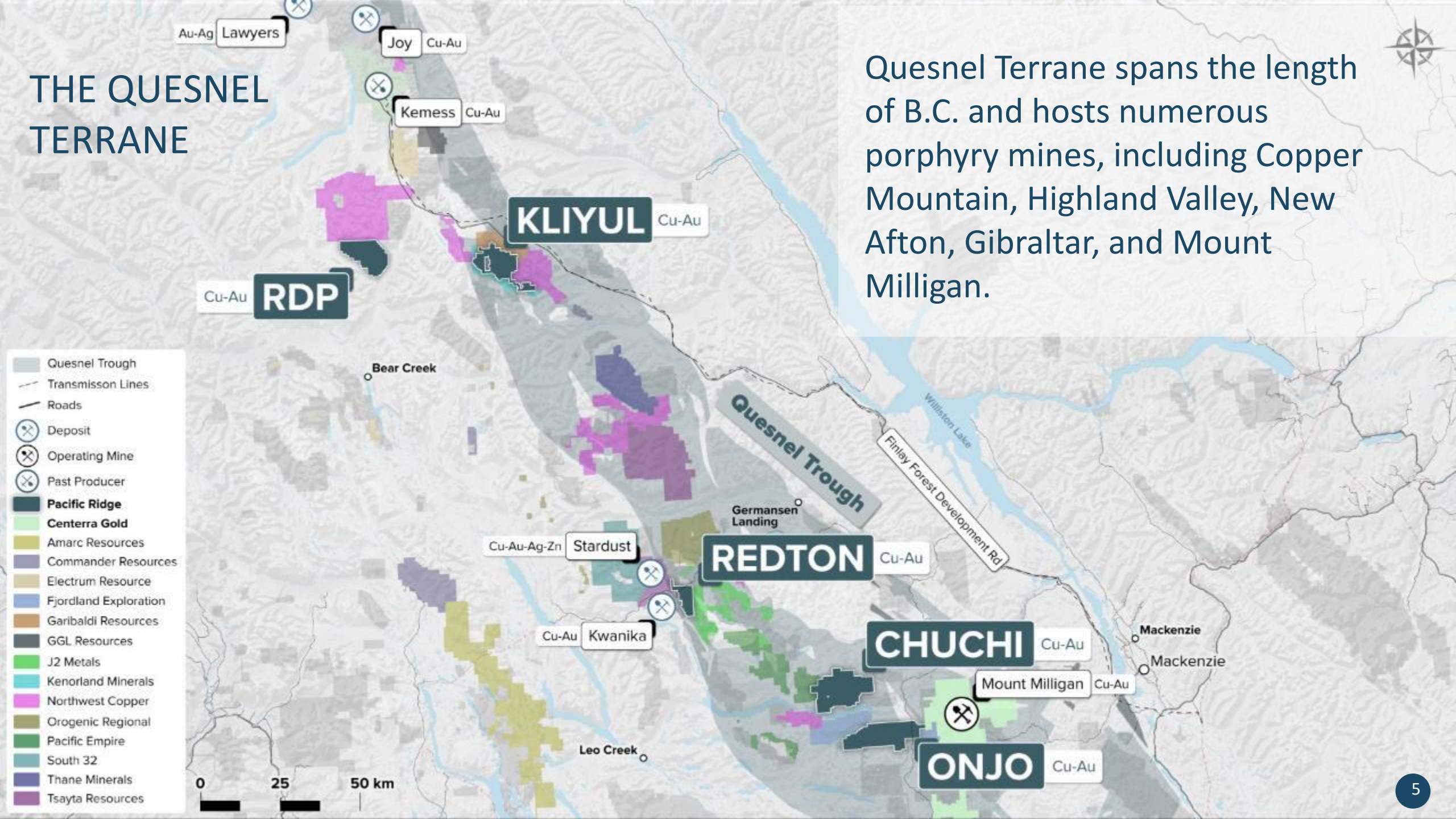
Freeport - Amarc's Joy.

Freeport – Arcwest's Todd Creek.



THE QUESNEL TERRANE

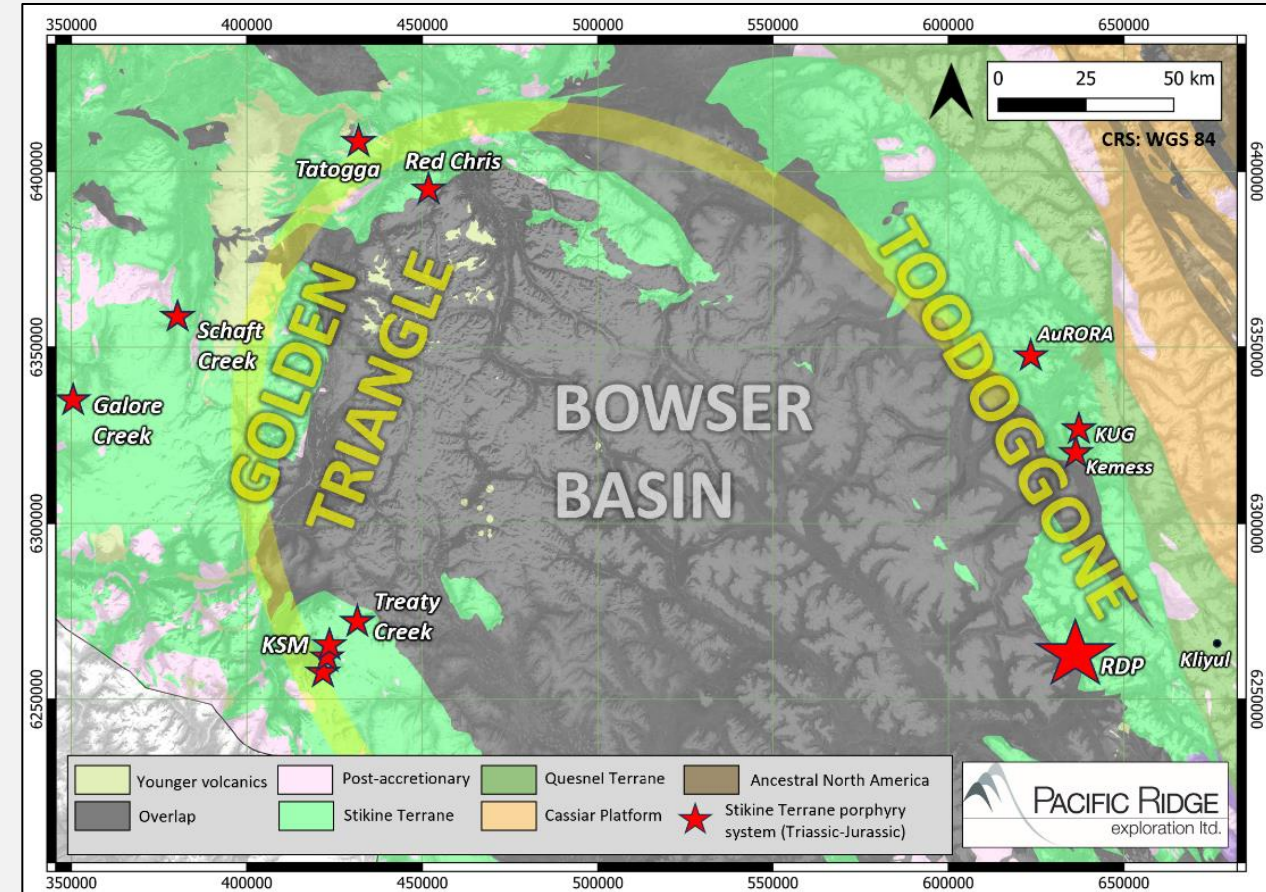
Quesnel Terrane spans the length of B.C. and hosts numerous porphyry mines, including Copper Mountain, Highland Valley, New Afton, Gibraltar, and Mount Milligan.



SUMMARY

100% owned by Pacific Ridge, RDP is located in B.C.'s Golden Horseshoe at the southern end of the Toodoggone District, a prolific area for porphyry copper-gold exploration:

- Past-producing Kemess, produced 2.975 Moz of gold and 749 Mlbs of copper from 1998-2011¹.
- Kemess Underground (“KUG”) with Total Measured and Indicated mineral resource of 139,920 tonnes at 0.25% Cu and 0.50 g/t Au, containing 779 Mlbs copper and 2,265 koz gold²
- Amarc Resources Ltd. recent high-grade porphyry copper-gold-silver discovery at AuRORA on their Joy project, drill hole JP-24-074 returned 108 m of 2.59% CuEq within 162 m of 1.90% CuEq³



¹Witte, A., Bostwick, C., Skrecky, G., Bent, H., Jakubec, J., Volk, J., Major, K., and Corpuz, P., 2013. NI 43-101 technical report for the Kemess Underground project, British Columbia, Canada: Prepared by SRK Consulting (Canada) Inc. for AuRico Gold Inc., 249 p.

²<https://wp-centerra-2023.s3.ca-central-1.amazonaws.com/media/2024/02/14172557/Mineral-Reserves-and-Mineral-Resources-Table-FY2023.pdf>

³https://amarcresearch.com/site/assets/files/5949/january_17_2025_f.pdf

SUMMARY

Optioned to Antofagasta Minerals S.A. from 2022 to 2024.

Five diamond drill holes completed at Day target 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**¹.

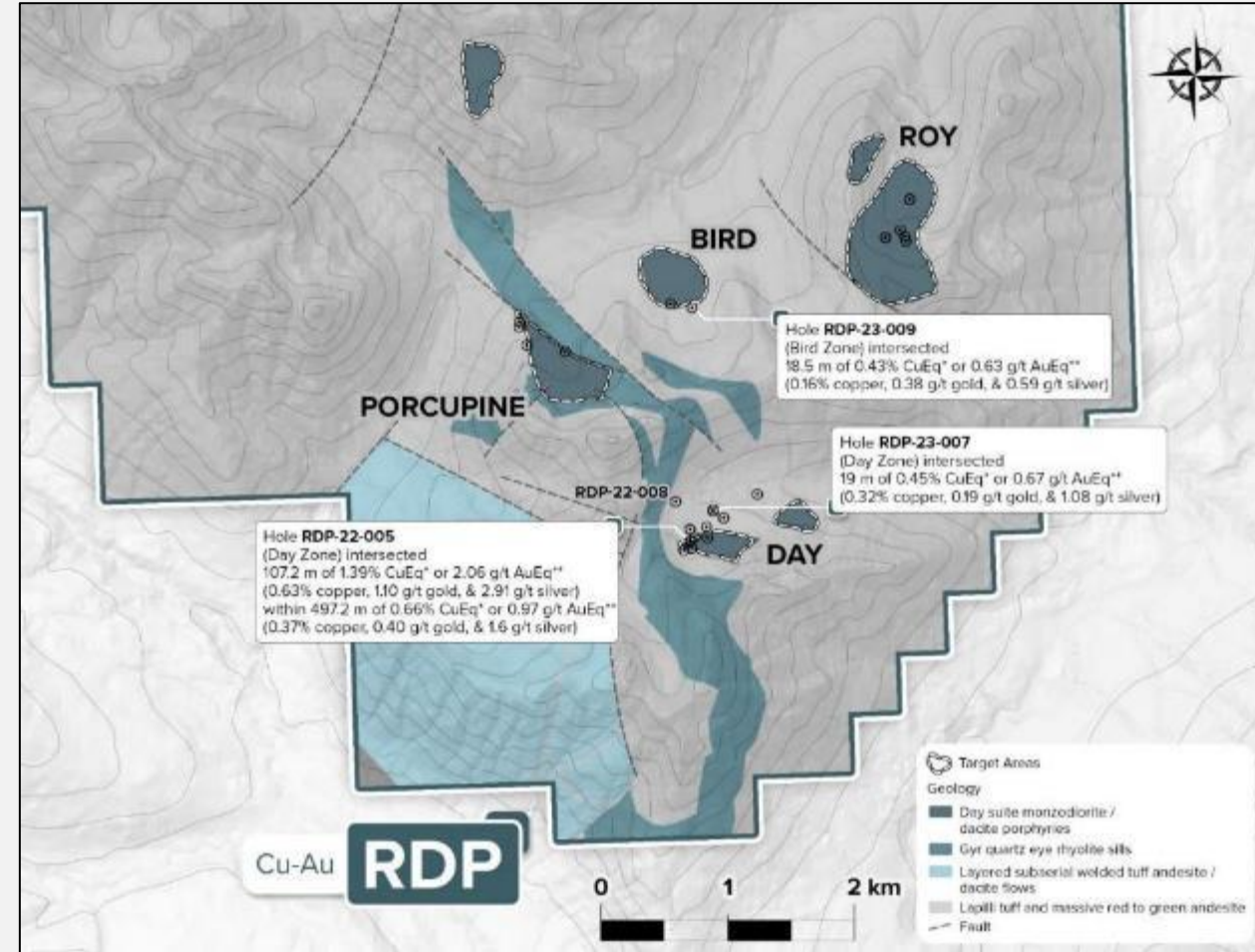
One of the best porphyry copper-gold intervals in B.C. that year.

In 2023, only two drill holes, totaling 987 m, were drilled at Day. Drill hole RDP-23-007 was collared 330 metres northwest of RDP-22-005 and **intersected 19.0 m of 0.45% CuEq* or 0.67 g/t AuEq**² at the bottom of the hole.**

Supports interpretation of a tabular porphyry system with a steeply north-dipping pipe vectoring towards a larger porphyry source at depth.

2023 drill program did not adequately test this interpretation.

Targeting the porphyry source will be the focus of 2025 drilling.



*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 recoveries (AuR) of 70%, and silver recoveries (AgR) of 65% based on the average recoveries from KUG, Mount Milligan, and Red Chris.

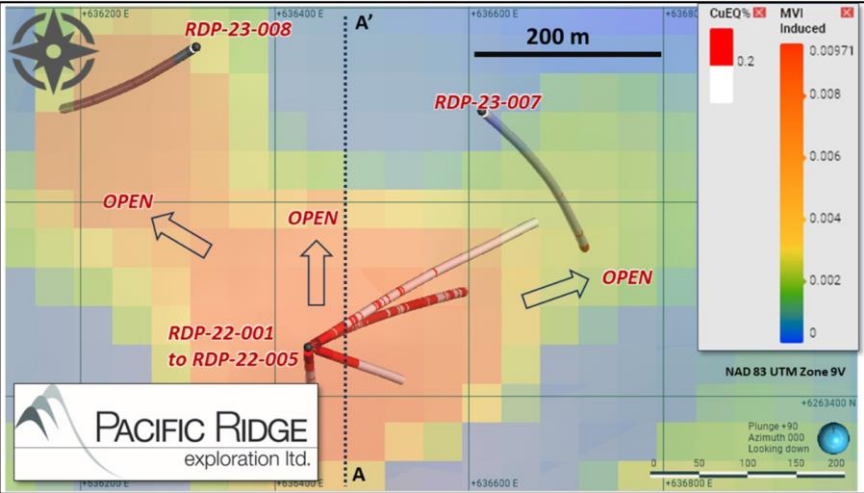
Factors: 22.0462 = Cu% to lbs per tonne, 0.032151 = Au g/t to troy oz per tonne, and 0.032151 = Ag g/t to troy oz per tonne.

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

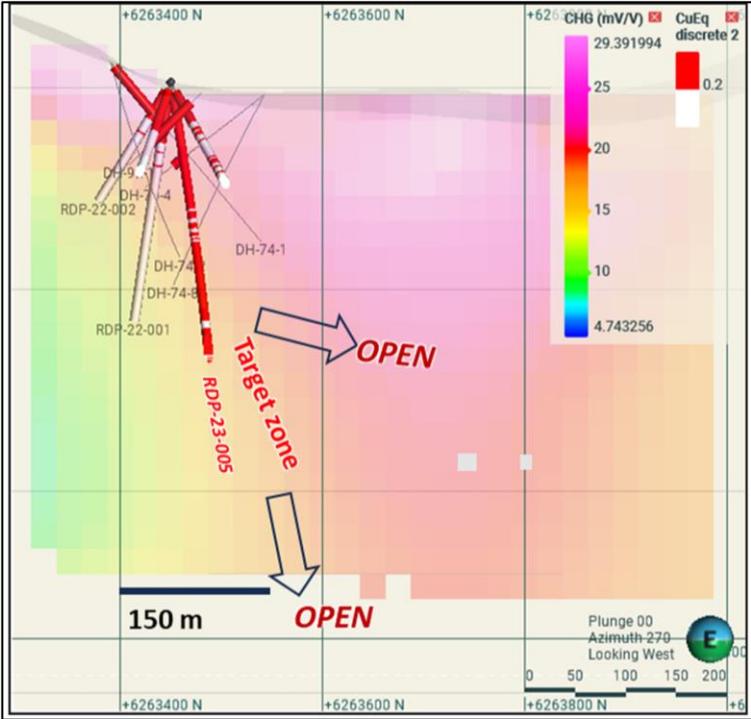
²https://pacificridgeexploration.com/site/assets/files/5963/2023-11-23_pex_nr23-23_rdp_drill_results_final.pdf

DAY

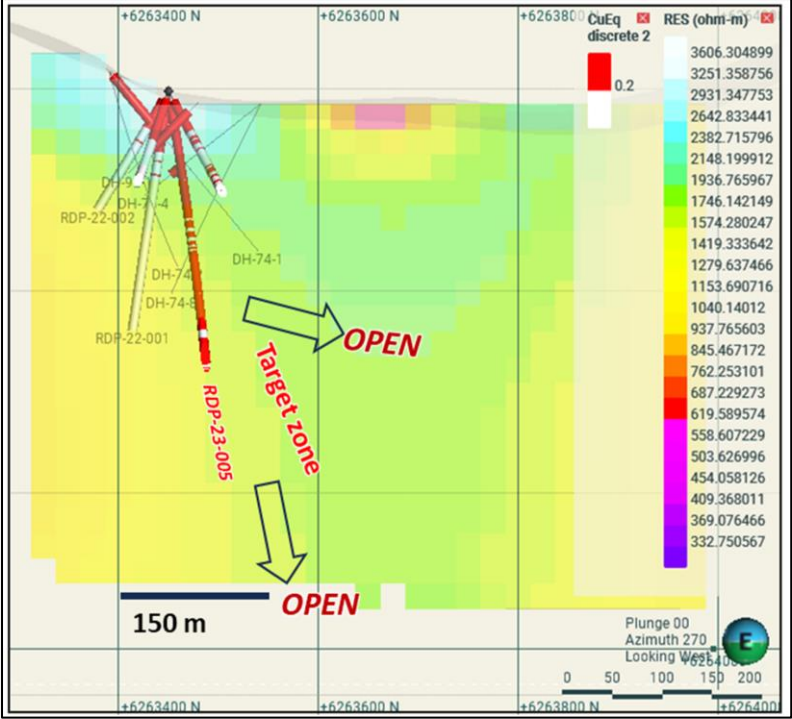
Plan View of 2022-2023 Drilling CuEq* with MVI Induced Model in Background



Section View (A to A' in Figure 4) 3D IP Chargeability Model for the Day Porphyry System



Section View (A to A' in Figure 4) 3D IP Resistivity Model for the Day Porphyry System



*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 = 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 recoveries (AuR) of 70%, and silver recoveries (AgR) of 65% based on the average recoveries from KUG, Mount Milligan, and Red Chris.

DAY DRILLING RESULTS SUMMARY

Hole No	From(m)	To(m)	Width(m)	Cu(%)	Au(g/t)	Ag(g/t)	CuEq(%)*	AuEq(g/t)**
RDP-22-001	9.5	61.0	51.5	0.51	0.65	2.59	0.97	1.44
RDP-22-002	16.0	42.5	26.5	0.50	0.69	4.84	1.00	1.48
RDP-22-003	13.1	72.5	59.4	0.78	1.20	2.99	1.61	2.39
RDP-22-004	15.3	58.0	42.7	0.43	0.70	1.69	0.92	1.36
RDP-22-005	15.8	513.0	497.2	0.37	0.40	1.60	0.66	0.97
includes	15.8	39.0	23.2	1.02	1.84	4.09	2.29	3.40
includes	15.8	123.0	107.2	0.63	1.10	2.91	1.39	2.06
RDP-23-007	511.0	573.0†	62.0	0.16	0.06	0.84	0.21	0.31
includes	554.0	573.0†	19.0	0.32	0.19	1.08	0.45	0.67
RDP-23-008	123.0	132.0	9.0	0.10	0.02	0.67	0.12	0.18
RDP-23-008	158.0	188.0	30.0	0.08	0.02	0.36	0.10	0.15
includes	182.0	186.5	4.5	0.16	0.03	0.45	0.18	0.26
RDP-23-008	306.0	312.0	6.0	0.15	0.04	0.73	0.18	0.27

*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 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 lbs per tonne, 0.032151 = Au g/t to troy oz per tonne, and 0.032151 = Ag g/t to troy oz per tonne.

SUMMARY

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

Similar geological environment and comparable grades to other B.C. porphyry deposits/mines (see next slide).

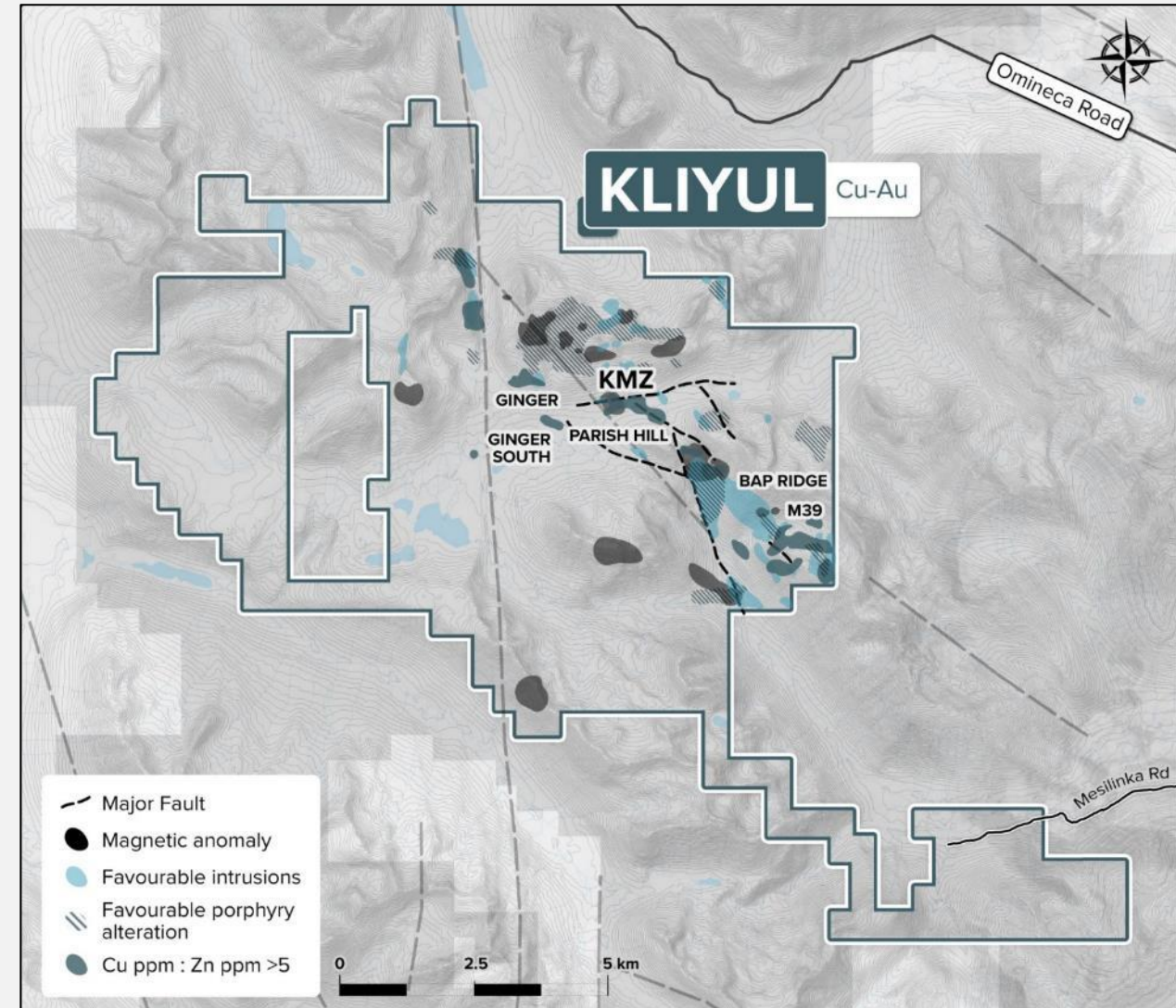
Pacific Ridge has drilled ~19,000 m and **spent over \$14.0M** at Kliyul since 2021.

Drill hole KLI-21-037 intersected **316.7 m 0.79% CuEq* or 1.17 g/t AuEq**1**

Mineralized extents of Kliyul Main Zone (“KMZ”) **~760 m (E-W) x ~600 m (N-S) x ~650 m vertical depth and remains open.**

Results of the ZTEM survey supports the thesis that most of the **KMZ remains hidden and untested to the north.**

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



*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 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 lbs per tonne, 0.032151 = Au g/t to troy oz per tonne, and 0.032151 = Ag g/t to troy oz per tonne.

¹https://pacificridgeexploration.com/site/assets/files/5867/2022-01-31_pex_nr22-02_kliyul_second_hole_final.pdf

Kliyul copper-gold project

How does the porphyry mineralization at Kliyul compare to the porphyry mineralization at Mount Milligan, Red Chris, KUG, and Saddle North?

Deposit/Mine	MT	Cu%	Au g/t	Ag g/t	Category
Mount Milligan	246	0.18	0.37	N/A	Proven & Probable ¹
Red Chris	240	0.36	0.30	N/A	Indicated (open pit and 70% attributable share) ²
KUG	107	0.27	0.50	N/A	Proven and Probable ³
Saddle North	298	0.28	0.36	0.80	Indicated ⁴
Kliyul		Cu%	Au g/t	Ag g/t	Metres
Hole KLI-23-068		0.17	0.37	0.93	455.8 ⁵
Hole KLI-23-054		0.23	0.51	1.22	305.5 ⁶
Hole KLI-22-050		0.25	0.57	1.25	328.0 ⁷
Hole KLI-22-041		0.14	0.72	0.95	278.0 ⁸
Hole KLI-21-037		0.30	0.70	2.17	316.7 ⁹
Hole KLI-21-036		0.28	0.74	2.04	291.7 ¹⁰
Hole KLI-15-34		0.18	0.53	1.35	245.0 ¹¹
Hole KLI-06-30		0.19	0.44	1.49	301.4 ¹¹

1. <https://www.globenewswire.com/en/news-release/2022/10/04/2527569/0/en/Centerra-Gold-Announces-Highlights-of-New-Life-of-Mine-Plan-for-the-Mount-Milligan-Mine-Including-an-Extension-of-Mine-Life-to-2033.html>

2. https://www.newcrest.com/sites/default/files/2022-11/221004_Annual%20Report%202022_0.pdf

3. <https://www.centerragold.com/operations/reserves-resources/>

4. <https://www.globenewswire.com/en/news-release/2020/07/06/2058211/0/en/GT-Gold-announces-maiden-Mineral-Resource-Estimate-for-Saddle-North-project-Tatogga-property-in-British-Columbia-Canada.html>

5. See news release dated January 9, 2024

6. See news release dated August 23, 2023

7. See news release dated January 18, 2023

8. See news release dated November 16, 2022

9. See news release dated January 31, 2022

10. See news release dated December 1, 2021

11. See news release dated January 17, 2020

Highlights of 2023 Kliyul Drill Program

8,965 m in 16 drill holes at KMZ.

Successfully expanded mineralized extents in all directions.

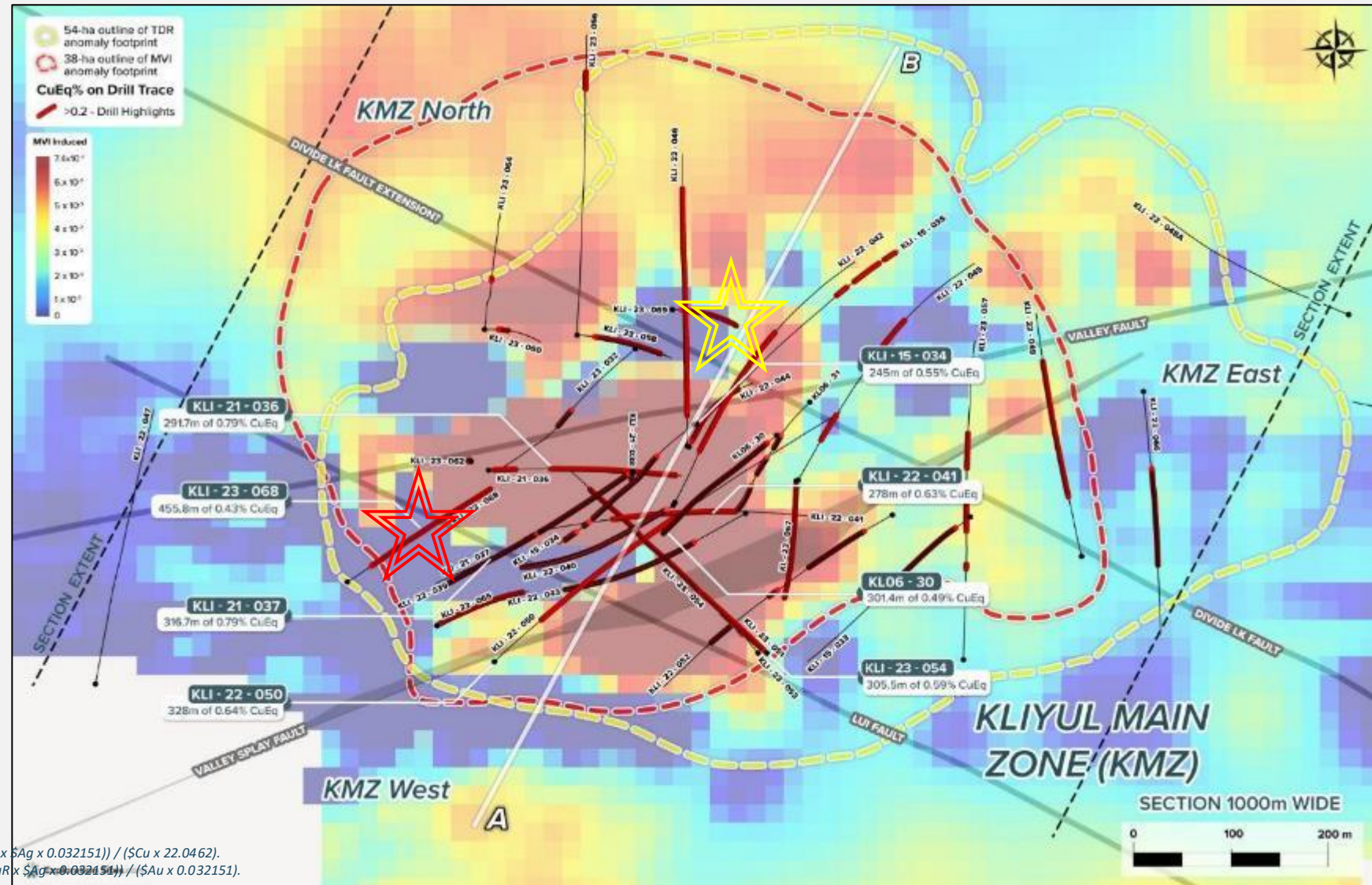
Mineralized extents now measure **~760 m (E-W) x ~600 m (N-S) x ~650 m depth and remains open.**

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**¹.

Best interval of 2023 drill program.

KLI-23-069, collared in KMZ North, provides a down-plunge vector for a **higher-grade porphyry centre.**

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



*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 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 lbs per tonne, 0.032151 = Au g/t to troy oz per tonne, and 0.032151 = Ag g/t to troy oz per tonne.

¹<https://pacificridgeexploration.com/site/assets/files/5970/2024-01-09-nr-pex-4hyh57hs5.pdf>

Highlights of 2023 Kliyul Drill Program

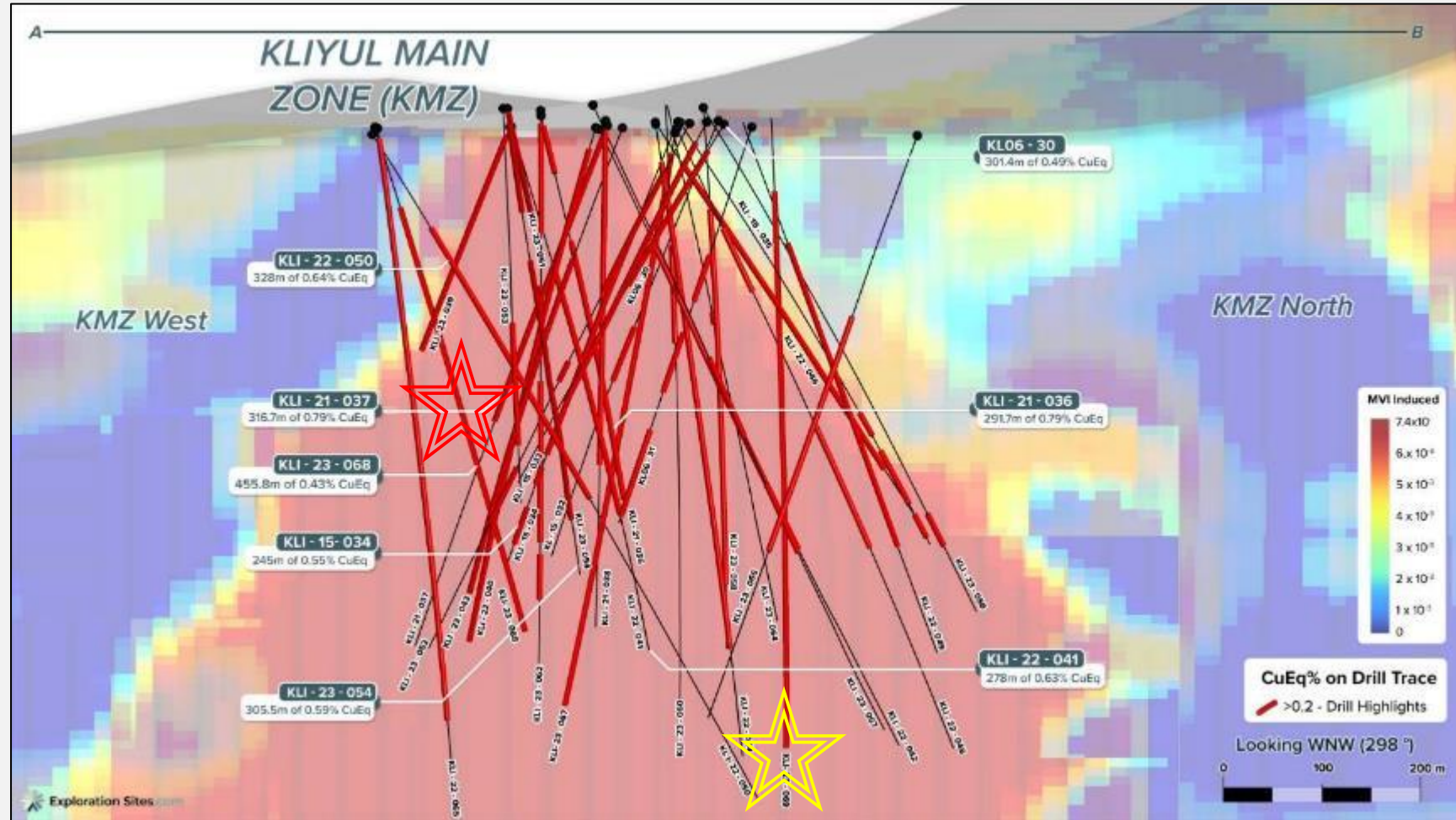
The last hole of the 2023 drill program, KLI-23-069, returned **45.0 m of 0.58% CuEq* or 0.86 g/t AuEq**** within 570.0 m of 0.27% CuEq* or 0.40 g/t AuEq**¹.

The 45 m interval, at 584 m downhole depth, is **the deepest mineralized 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 **causative quartz diorite porphyry stock towards bottom of hole.**

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 = 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 lbs per tonne, 0.032151 = Au g/t to troy oz per tonne, and 0.032151 = Ag g/t to troy oz per tonne.

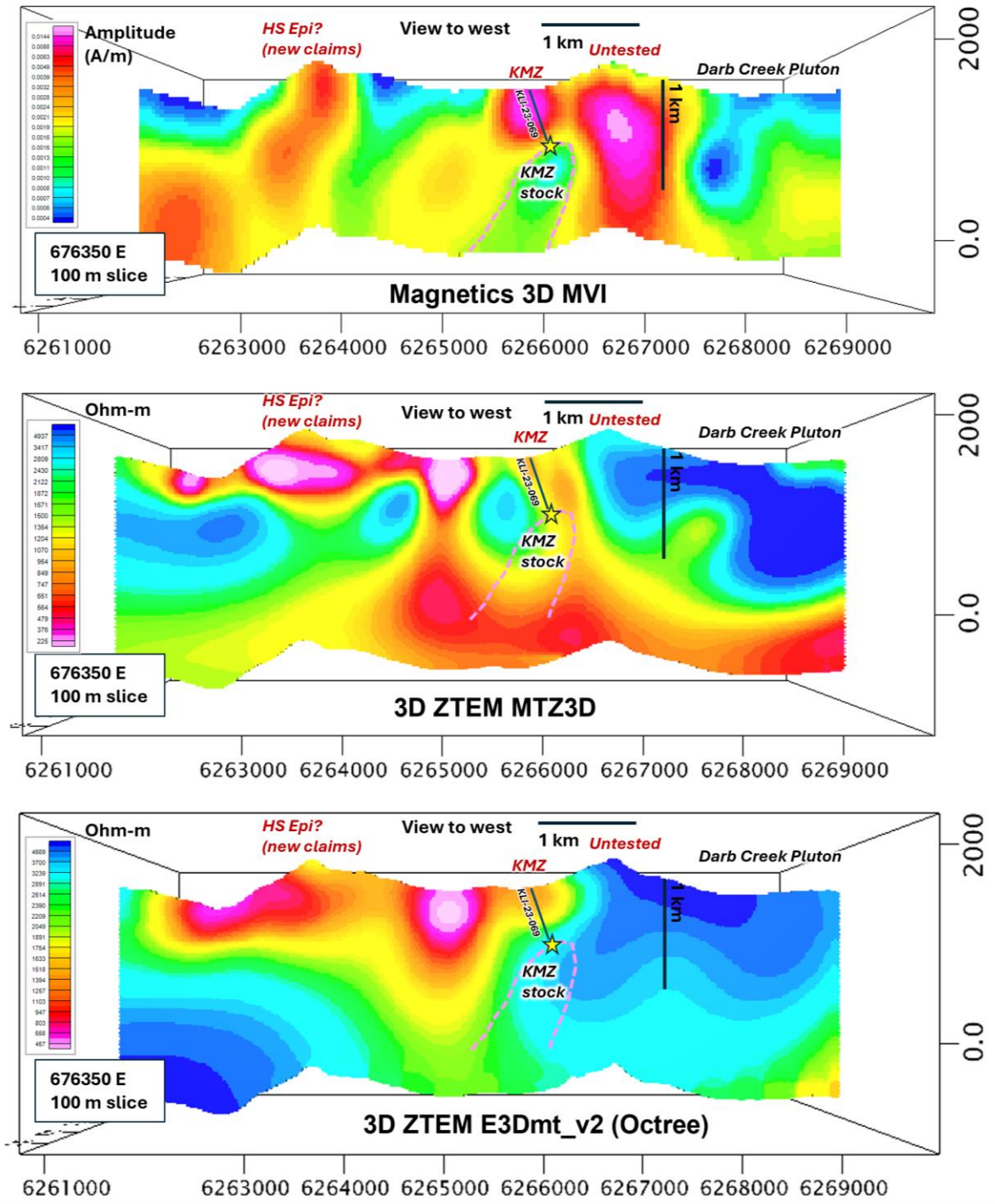
¹<https://pacificridgeexploration.com/site/assets/files/5970/2024-01-09-nr-pex-4hyh57hs5.pdf>

2024 ZTEM Results

Corroborates interpretation 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 system and that **most of the porphyry system remains hidden and untested to the north.**

The Company is seeking a joint venture partner to test this thesis.



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.

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.

Blaine Monaghan, MBA
President, CEO, & Director

Over 20 years of 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.

Harry Nijjar, CPA CMA
CFO

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.

TECHNICAL COMMITTEE

Bruce Youngman, BSc.

Committee Member and Independent Director of Pacific Ridge

Gary Baschuk, BSc.

Committee Member and Independent Director of Pacific Ridge

Craig Hart, PhD

Committee Member

Jim Logan, PGeo.

Committee Member

Dan Core, PhD

Committee Member

Gerald G. Carlson, PhD, PEng.

Committee Member and Chairman of Pacific Ridge

Danette Schwab, BSc., PGeo.

Committee Member and V.P. Exploration of Pacific Ridge

SHARE STRUCTURE

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

Common shares: 17.4M

Warrants: 4.7M

Stock options: 0.7M

Fully diluted: 22.8M

52 week high/low: \$0.12/\$1.45

Market capitalization: ~\$2.5M

WHY PACIFIC RIDGE?

We own or control **five high-quality** copper-gold porphyry projects.

Our Goal?

Become B.C.'s **leading** copper-gold exploration company.

Investment thesis

Increased demand for copper and heightened political risk **will lead to more competition for copper-gold porphyry 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 Klyul or RDP 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 lbs per tonne, 0.032151 = Au g/t to troy oz per tonne, and 0.032151 = Ag g/t to troy oz per tonne.



Opportunity

RDP copper-gold project:

Optioned to Antofagasta Minerals S.A. from 2022-2024.

Drill hole RDP-22-005 intersected 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** in 2022.

Pacific Ridge plans to follow up on this high-grade porphyry copper-gold interval in 2025.

Klyul copper-gold project:

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

Drill hole KLI-21-037 intersected 316.7 m 0.79% CuEq* or 1.17 g/t AuEq**.

Exploration success at RDP, combined with a tight share structure, could generate a significant return on investment.



Recent activity in B.C.

Strategic investment:

Teck – 15% of American Eagle.
South 32 – 19.9% of American Eagle.
BHP – 19.9% of Brixton.

Teck – 9.9% of Kodiak Copper.

African Rainbow – 15% Surge Copper.

Skeena Gold and Silver – TDG Gold Corp.

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.





1111 Melville Street, Suite 1100
Vancouver BC V6E 3V6
www.pacificridgeexploration.com

Blaine Monaghan
President & CEO
Phone: 604-687-4951
bmonaghan@pacificridgeexploration.com