

# Pacific Ridge Identifies Two New Priority Targets at Its Kliyul Gold Copper Porphyry Project

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Vancouver, December 2, 2020 - [Pacific Ridge Exploration Ltd.](#) (TSXV: PEX) ("Pacific Ridge" or the "Company") is pleased to announce that the results of its 2020 geophysical survey have demonstrated the potential to expand porphyry gold and copper mineralization at the Kliyul Main Zone and has outlined two new adjacent targets, Kliyul East and Kliyul West. Neither of the two new targets have previously been drilled. The Kliyul Main Zone, Kliyul East and Kliyul West are defined by moderate to high chargeability and resistivity and variable magnetics and occur over a strike length of 1.5km. The Company plans to drill test all three targets during the 2021 field season.

Survey lines for the 2020 program were oriented north-south, orthogonal to previous surveys, and results appear to provide enhanced resolution and depth of investigation of the Kliyul Main Zone. Gold-copper mineralization within the Kliyul Main Zone is associated with moderate to high chargeability, moderate to high resistivity, and may have strong magnetization. The Company's geophysical consultant, Platform Geosciences of Toronto ("Platform"), has completed a three dimensional inversion model of the 9.1 line kilometers of IP and magnetic data collected during the 2020 field program, combined with data from historical surveys, to provide an improved model of the geophysical properties of the Kliyul Main Zone (see Figures 1 and 2). In addition, Platform utilized a machine learning algorithm to compare modelled geophysical properties with known mineralization, as represented by CuEQ\* (copper equivalent) from historical drill hole assays, to provide a 3-D model of predicted mineralization potential (see Figures 3 and 4). The new modeling shows that both chargeability and resistivity become stronger with depth and are open in that direction.

Figure 1. Plan and east-west section of IP chargeability through Kliyul Main Zone and new East and West targets. Note locations of KL06-30 and KL-15-34 intersections.

To view an enhanced version of Figure 1, please visit:

[https://orders.newsfilecorp.com/files/5460/69329\\_d658da70b44e8ab4\\_001full.jpg](https://orders.newsfilecorp.com/files/5460/69329_d658da70b44e8ab4_001full.jpg)

Figure 2. Plan and north-south cross sections of chargeability through West Kliyul (B-B'), Kliyul Main (C-C') and East (D-D').

To view an enhanced version of Figure 2, please visit:

[https://orders.newsfilecorp.com/files/5460/69329\\_d658da70b44e8ab4\\_002full.jpg](https://orders.newsfilecorp.com/files/5460/69329_d658da70b44e8ab4_002full.jpg)

Figure 3. Plan and east-west section of predicted mineralization potential, as represented by CuEQ, through Kliyul Main Zone and new East and West targets.

To view an enhanced version of Figure 3, please visit:

[https://orders.newsfilecorp.com/files/5460/69329\\_d658da70b44e8ab4\\_003full.jpg](https://orders.newsfilecorp.com/files/5460/69329_d658da70b44e8ab4_003full.jpg)

Figure 4. Plan and north-south cross sections of predicted mineralization potential, as represented by CuEQ, through West Kliyul (B-B'), Kliyul Main (C-C') and East (D-D').

To view an enhanced version of Figure 4, please visit:

[https://orders.newsfilecorp.com/files/5460/69329\\_d658da70b44e8ab4\\_004full.jpg](https://orders.newsfilecorp.com/files/5460/69329_d658da70b44e8ab4_004full.jpg)

$$*CuEQ = ((Cu(\%) \times \$2.65 \times 22.0642) + (Au(gpt) \times \$1,650 \times 0.032151)) / (\$2.65 \times 22.0642)$$

#### About the Kliyul Project

Kliyul is a 6,000-ha advanced exploration project located 50 km southeast of the Kemess mine and 5 km from the Omineca mining road and power line in one of the most geochemically anomalous areas for copper and gold in the Quesnel Terrane. The property contains several Minfile occurrences, including four main target areas: Kliyul, Bap Ridge, Ginger-Shadow and M39, each representing an interpreted porphyry centre over a 4 km strike length.

The Kliyul Zone is the most intensely explored of these, with 33 drill holes (5,524 m) drilled since 1974, most of which targeted a near-surface Cu-Au magnetite skarn zone. Deeper drilling in 2015 encountered a porphyry gold-copper system. Drill highlights are shown in the table below:

Hole	From (m)	To (m)	Width (m)	Cu (%)	Au (gpt)	CuEQ (%)	AuEQ (gpt)*
KL-5	10.8	68.3	57.5	0.32	0.99	1.38	1.29
KL-6**	30.1	78.9	48.8	0.31	1.33	1.73	1.62
KL-7	20.0	71.0	51.0	0.17	1.19	1.44	1.35
KL-93-4	46.0	102.0	56.0	0.34	0.89	1.29	1.21
KL-93-5	16.0	76.0	60.0	0.26	1.34	1.69	1.58
KL-06-30	22.0	239.8	217.8	0.23	0.52	0.79	0.74
KL-06-31	346.0	378.0	32.0	0.21	0.62	0.87	0.82
KL-15-33	32.5	194.9	162.4	0.20	0.26	0.48	0.45
KL-15-34	37.5	90.0	52.5	0.24	0.17	0.42	0.39
KL-15-34	123.0	368.0	245.0	0.18	0.53	0.75	0.70
including	280.6	301.0	20.4	0.39	2.55	3.11	2.91
KL-15-34	426.0	465.7	39.7	0.20	0.66	0.91	0.85
KL-15-35	331.0	380.0	49.0	0.16	0.22	0.40	0.37
KL-15-35	399.5	462.8	63.3	0.26	0.28	0.56	0.52
including	414.0	433.5	19.5	0.43	0.56	1.03	0.96
KL-15-35	474.7	502.0	27.3	0.11	0.18	0.30	0.28

$$*CuEQ = ((Cu(\%) \times \$2.25 \times 22.0642) + (Au(gpt) \times \$1,650 \times 0.032151)) / (\$2.25 \times 22.0642)$$

$$*AuEQ = ((Cu(\%) \times \$2.25 \times 22.0642) + (Au(gpt) \times \$1,650 \times 0.032151)) / (\$1,650 \times 0.032151)$$

\*\* drill hole ended in mineralization

The property displays classic alkalic copper-gold porphyry alteration and mineralization patterns. Geological interpretation, supported by a variety of geophysical surveys, including IP, magnetics and magnetotellurics, suggest the potential to significantly expand the size of the Kliyul mineralized system, including the main porphyry mineralizer. For further information on the Kliyul project, please see [www.pacificridgeexploration.com/projects/kliyul-british-columbia/](http://www.pacificridgeexploration.com/projects/kliyul-british-columbia/).

Pacific Ridge has the right to earn a 51% interest in the Kliyul and Redton projects from Aurico Metals Inc., a wholly owned subsidiary of Centerra Gold Inc., by making cash payments totaling \$100,000, issuing 2.0 million shares and spending \$3.5 million on exploration by December 31, 2023. The Company then has the right to increase its interest in the properties to 75% by making additional payments totaling \$60,000, issuing 1.5 million shares and completing an additional \$3.5 million in exploration by December 31, 2025.

#### About Pacific Ridge

Pacific Ridge is a well-financed junior exploration company that has assembled a portfolio of highly

prospective gold and base metal projects located in the Yukon and British Columbia, where its board and management team have a track record of success. Its holdings include the new Kliyul and Redton copper-gold porphyry projects in north-central British Columbia, the Mariposa, Eureka Dome and Gold Cap gold exploration projects in the Klondike-White Gold District, Fyre Lake Cu-Au-Co massive sulphide deposit in the Finlayson District and the Spius Cu-Mo porphyry prospect in southern British Columbia.

On behalf of the Board of Directors,

"Gerald G. Carlson"

Gerald G. Carlson  
President & CEO  
[Pacific Ridge Exploration Ltd.](#)

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The technical information contained within this News Release has been reviewed and approved by Danette Schwab, B.Sc., P.Geo., Vice-President of Exploration for Pacific Ridge and Qualified Person as defined by National Instrument 43-101 policy.

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