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# Pacific Ridge Exploration Ltd.

TSX VENTURE: PEX

*Active Gold Exploration in the Yukon's White Gold District*

In an industry sector where an old investing maxim says 'to bet on the jockey' there are few companies with as experienced and successful a leader as **Pacific Ridge Exploration Ltd.** John Brock, one of the most recognized geology professionals in Canada, leads the junior exploration company that has a portfolio of grass roots and advanced-stage exploration projects for gold, copper and uranium.

Mr. Brock has been a key figure in the discovery of gold deposits in BC, Nevada, Mexico, and Ecuador; copper in BC; uranium in Nunavut and Mongolia; lead-zinc

in the Yukon; and zinc in Sumatra. He has been awarded the Canadian Institute of Mining, Metallurgy and Petroleum's J.C. Sproule Award for his achievements in the exploration and development of Canada's mineral resources in the northern regions; the AME BC Murray Pezim Award for success in his financing ventures; and the Cambridge House Lifetime Achievement Award.

Pacific Ridge already held an attractive copper-gold deposit and a large uranium exploration holding when then the advent of a new exploration rush in the South Klondike region of the Yukon gave the veteran explorationist an opportunity to integrate

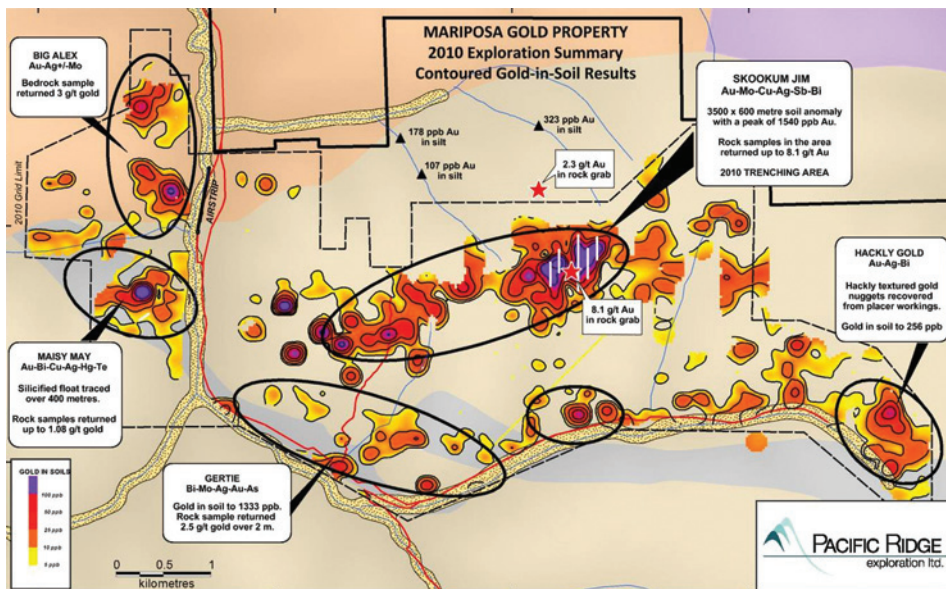
new geological insights with his own familiarity of the region. The company now holds prime ground in the Yukon's latest gold rush.

## KLONDIKE KATE GOLD PROJECT, YUKON

In July 2008 Underworld Resources announced finding 9.4gpt gold over 5.7m at the White Gold project in the south Klondike's Tintina Gold Belt, then in October they announced intersecting 3.1 g/t gold over 50.7m in an 80 metre step-out hole. Following another year of encouraging exploration results, Kinross acquired Underworld Resources in the spring of 2010 in a deal worth C\$139.2 million.

The previously unrecognized style of gold deposit found at White Gold has regional implications for discovery of additional deposits in the district. The Pacific Ridge team was familiar with the area – they'd worked there in late 1960s and mid 1980s and they held a considerable data set from their previous exploration efforts. Pacific Ridge began assembling the prospective holdings that comprise the Klondike Kate Gold Project through the summer of 2009.

The 12 square km Gold Cap property is tied on to the northeastern boundary of Underworld's White Gold project. Pacific Ridge staked the holding because, as well as having favourable geology for hosting White Gold style mineralization, John Brock also knew the ground holds a magnetic anomaly and that a Geological Survey of Canada silt sample from the holding had provided one



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of the highest anomalous gold geochemical responses in the Southern Klondike. Soil sampling in 2009 identified three sub-parallel northerly trending arsenic-antimony-nickel-gold soil anomalies measuring 2 to 4 km in length that remain open for expansion to the north.

The Polar Stewart property lies adjacent to the Goldcap, and was acquired from Dawson City prospector Shawn Ryan who is credited with the White Gold discovery. Ryan had identified gold-in-soil geochemical anomalies reaching 600 ppb gold.

The Eureka Dome properties are 55 km north of the White Gold Property. The Eureka and Moose claims were staked over the eastern flanks of the Eureka Dome which has placer gold occurrences in most of the creeks draining from the higher ground.

The original 50 sq. km. block of the Mariposa property was optioned from the Tintina Syndicate in the fall of 2009. Additional staking since then expanded the project up to 190 sq km. Geochemistry findings, aeromagnetic anomalies, geologic similarities to both the White Gold and nearby Coffee Creek discoveries, and the presence of abundant placer gold that has been mined for the past century all point to the possibility of a gold deposit at the holding.

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The ‘Hackly anomaly’ is in close proximity to placer gold workings in Mariposa creek where ‘hackly’ (or rough-edged) gold nuggets have been recovered. The hackly nature indicates a nearby lode source.

Drill testing of the geochemical anomalies will be an important part of the 2011 summer field program.

#### FYRE LAKE, COPPER/GOLD, YUKON

The 35 sq km Fyre Lake property lies approximately 250 km east of Whitehorse in southeastern Yukon Territory, and hosts “Besshi-type” (stratiform and tabular) copper-gold-cobalt volcanogenic massive sulphide mineralization. Exploration to date has partially drill-defined the Kona massive sulphide deposit and outlined a number of satellite targets with potential for additional VMS deposits.



**Examining rock samples in trenches at the Mariposa Project**

With copper prices over US\$4/lb and gold hitting US\$1400/oz, the Fyre Lake Kona deposit is notable as a drill-established resource that remains open for expansion, including at depth. The deepest holds drilled have intersected 5.6% copper over 3.0 m, 3.2% copper over 5.7 m, and 6.1% over 7.0 m.

Based on a 1.0% copper cut-off grade, a 2007 NI 43-101 resource calculation on the Kona deposit shows an indicated mineral resource of 3.6 million tonnes grading 1.57% copper, 0.10% cobalt and 0.61 g/t gold. Its inferred mineral resource, at the same cut-off grade, is 5.4 million tonnes grading 1.48% copper, 0.08% cobalt and 0.53 g/t gold.

Pacific Ridge intends to have an updated preliminary economic assessment on Kona prepared in 2011.

#### BAKER BASIN, URANIUM, NUNAVUT

The Baker Lake Basin in south-western Nunavut is one of four Proterozoic Age basins within the Canadian Shield known to host uranium deposits, the most well-known being the Athabasca basin in northern Saskatchewan. Pacific Ridge’s Baker Basin project covers approximately 97,000 hectares and hosts at least 20 uranium prospects occurring along a 60-kilometre length of the southern boundary of the Basin. In 2007 Pacific Ridge reported that drilling

in the Lucky Zone had intercepted 0.30% U<sub>3</sub>O<sub>8</sub> over 17.3 m; drilling in 2006 at the KZ Zone intercepted 11.5 m of 0.31% U<sub>3</sub>O<sub>8</sub>.

#### DYNAMIC CONCLUSION

Pacific Ridge has the Mariposa project on the front burner now, and with the strength of the gold price and the company’s experience in the Yukon, it’s an exciting time for followers of the company. Exploration programs in 2009 and 2010 have identified several strong targets, and the 2011 phase 1 program calls for 4000 m of drilling. With over \$4 million in working capital, investors can expect that there will be considerable news flow coming out of the north in the coming season.

*Shares Outstanding: 52.4 million*

*6 Month High: \$0.41 / Low \$0.23*

#### FOR MORE INFORMATION



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