

Rockridge Resources Ltd. Completes its VTEM Geophysical Program at the Knife Lake Copper Project

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VANCOUVER, Oct. 14, 2021 - [Rockridge Resources Ltd.](#) (TSX-V: ROCK) (OTCQB: RRRLF) (Frankfurt: RR0) ("Rockridge" or the "Company") is pleased to announce it has completed its geophysical program at the Knife Lake Copper Project located in Saskatchewan, Canada (the "Knife Lake Project" or "Property"). The Knife Lake Project, consisting of 81 claims totaling 55,471 hectares (137,069 acres), is an advanced-stage copper, silver, zinc and cobalt exploration property in Saskatchewan host to the Knife Lake Deposit. Additional field work is planned to commence shortly in preparation for a diamond drill program.

Knife Lake VMS Project Location Map:

https://www.rockridgeresourcesltd.com/_resources/images/Knife-Lake-Region-20210331-003.jpg

Field crews have completed a helicopter-borne electromagnetic (EM) and horizontal magnetic gradiometer geophysical survey utilizing Geotech Ltd.'s VTEM Plus System. The 610-line kilometer survey covered highly prospective VMS stratigraphy in the Gilbert Lake target area, never before surveyed using modern time-domain geophysics. Data from the survey is currently being interpreted and any potential conductors will be prioritized for geophysical modelling. Mineralized drill intersections at the Gilbert Lake target area have proven that VTEM plus is a valuable exploration tool for identifying VMS-style mineralization within prospective stratigraphy on the Property, increasing discovery potential in regional target areas.

Knife Lake VTEM Survey Coverage:

https://www.rockridgeresourcesltd.com/_resources/VTEM-Coverage-map-20211014.jpg

Rockridge's CEO, Jonathan Wiesblatt, commented: "Modern exploration tools such as airborne electromagnetic and horizontal geophysical surveys have been and will continue to be an important part of ROCK's exploration strategy at Knife Lake. We have been using these and exploration techniques to identify new and prospective target areas in and around the existing Knife Lake deposit. The deposit was first discovered many decades ago but the project overall has yet to be the beneficiary of a thorough and complete, modern-day exploration campaign at its regional target areas. The current and upcoming exploration work will help us to commence another diamond-drilling program to follow up on historical results and test new targets."

Knife Lake Geology and History:

The Knife Lake Deposit is interpreted to be a remobilized VMS deposit. The stratabound mineralized zone is approximately 15m thick and contains copper, silver, zinc, gold and cobalt mineralization which dips 30° to 50° eastward over a known strike-length within Rockridge's claim area of 3,700 metres, and a known average down-dip extension of approximately 300 metres.

Knife Lake Deposit Map:

https://www.rockridgeresourcesltd.com/_resources/projects/KnifeLake-Fig2.jpg

The deposit is hosted by felsic to intermediate volcanic and volcanoclastic rocks which have been metamorphosed to upper amphibolite facies. The deposit contains VMS mineralogy which has been significantly modified and partially remobilized during the emplacement of granitic rocks. The mineralization straddles the boundary between two rock units and occurs on both limbs of an interpreted overturned fold.

The Company has completed twenty-four holes consisting of 3,096 metres of diamond drilling in the 2019

and 2021 winter drilling programs. This represented the first drilling on the property since 2001. Both programs have given the Company's technical team valuable insights into the property geology, alteration, and mineralization that will be applied to future regional exploration on the highly prospective and underexplored land package.

Highlights from the drill programs include previously reported hole KF19003 which intersected net-textured to semi-massive sulphide mineralization from 11.2m to 48.8m downhole. This 37.6 metre interval returned 2.03% Cu, 0.19 g/t Au, 9.88 g/t Ag, 0.36% Zn, and 0.01% Co for an estimated 2.42% CuEq. Additionally, previously reported drill hole KF19001 intersected net-textured to fracture-controlled sulphide mineralization from 7.5 metres to 40.6 metres downhole. This 33.1 metre interval returned 1.28% Cu, 0.12 g/t Au, 4.80 g/t Ag, 0.13% Zn, and 0.01% Co for an estimated 1.49% CuEq.

In August 2019, Rockridge announced a maiden NI 43-101 resource estimate for the Knife Lake deposit which consisted of a pit-constrained indicated resource of 3.8 million tonnes at 1.02% CuEq and an inferred resource of 7.9 million tonnes at 0.67% CuEq using a 0.4% CuEq cut-off. For more information please refer to the News Release dated August 14th, 2019 or the NI 43-101 Technical Report on the Mineral Resource Estimate for the Knife Lake Property, Saskatchewan dated September 27, 2019, filed on Sedar.

Qualified Person:

Kerry Bates, P. Geo., a "qualified person" for the purposes of National Instrument 43-101 - Standards of Disclosure for Mineral Projects, and a Geologist employed by TerraLogic Exploration Inc., has reviewed and approved the scientific and technical disclosure in this news release relating to the Knife Lake Project.

About Rockridge Resources Ltd.

Rockridge Resources (TSX.V: ROCK) is a public mineral exploration company focused on the acquisition, exploration and development of mineral resource properties in Canada, specifically copper and gold. The Company's core copper project is the Knife Lake Project located in Saskatchewan which is ranked as the #3 mining jurisdiction in the world by the Fraser Institute. The project hosts the Knife Lake Deposit, which is a VMS, near-surface Cu-Co-Au-Ag-Zn deposit open along strike and at depth. There is strong discovery potential in and around the deposit area as well as at regional targets on the large property package. The Company's secondary asset is the Raney Gold Project, which is a high-grade gold exploration project located in the same greenstone belt that hosts the world class Timmins and Kirkland Lake lode gold mining camps. Recently reported drill hole RN 20-06 intersected 28.0 g/t gold over 6.0 metres at a shallow vertical level of 95 metres, which is the best result from the project thus far. Rockridge's goal is to maximize shareholder value through new mineral discoveries, committed long-term partnerships, and the advancement of exploration projects in geopolitically favourable jurisdictions.

Additional information about Rockridge Resources and its project portfolio can be found on the Company's website at www.rockridgeresourcesltd.com.

[Rockridge Resources Ltd.](http://www.rockridgeresourcesltd.com)

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