



## THE REDPATH GROUP

Mining Contractors and Engineers

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### MEDIA RELEASE

For immediate release.

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## Another Record-Breaking Hole for Redpath Raiseboring Longest raisebore hole in the Northern Hemisphere completed at Macassa Mine

**North Bay, Ontario, Canada, May 25, 2021:** Redpath Raiseboring completed another record-breaking hole last week at Kirkland Lake Gold's Macassa Mine. At a length of 3,312 feet (1,010 m), this raise became the longest raisebore hole ever accomplished in the Northern Hemisphere and all of the Americas. This concludes the first of the planned twin, 12-foot diameter ventilation raises extending from surface down to 5617 Level. The hole was accomplished in two stages with two machines drilling concurrently; a Redbore 70 underground and a Redbore 90EX on surface, completing individual ventilation raises of 2,167 feet (660 m) and 3,312 feet (1,010 m) respectively. The Redbore series raisebore machines were designed and manufactured in-house by Redpath in North Bay, Canada.

The milestone occurred merely three months after Redpath broke another record at Niobec Mine in Québec, Canada. That raise was the largest ever completed in the Americas and the Northern Hemisphere, and the third biggest globally.

"Like with our Niobec project, the Macassa record is the result of an outstanding team effort that started in 2019. Months of preparation went into engineering design, procurement and preparation of the equipment. Throughout the project, the operational execution, technical support and project management and controls were exceptional. We've established a strong partnership with Kirkland Lake Gold's project team and the support they've provided throughout the project has been tremendous. Most importantly, this important milestone was completed without any lost time injuries or major incidents", said Johan Davel, General Manager of Redpath Raiseboring.

"The completion of this raise marks a major milestone for Kirkland Lake Gold as we continue major ventilation upgrades at Macassa. The experience and expertise of Redpath Raiseboring was a major factor in the success of the project to date and we look forward to continued rewarding collaboration with Redpath at Macassa", said James Gagne, Manager, Mining of Kirkland Lake Gold Ltd.

Preparations have started to carry out the second raisebore hole at Kirkland Lake Gold's Macassa Mine, with equally successful results expected.

**For more information, please contact:**

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**About Redpath Mining Contractors and Engineers:**

With a foundation built on global experience, adaptability and exceptional workmanship, Redpath Mining Contractors and Engineers has provided a high level of service to the mining industry since 1962. Services include underground construction, shaft sinking, raiseboring, mine contracting, raise mining, mine development, engineering and technical services, along with a variety of specialty services. The company is renowned for meeting all challenges and delivering practical, innovative solutions. Offices are located in Canada, USA, Indonesia, Mongolia, Germany, South Africa and Australia. Redpath Raiseboring Limited is part of the Redpath Group. [www.redpathmining.com](http://www.redpathmining.com).

**About Kirkland Lake Gold Ltd.**

Kirkland Lake Gold Ltd. is a senior gold producer operating in Canada and Australia that is targeting 1,300,000 – 1,400,000 ounces of production in 2021. The production profile of the Company is anchored by three high-quality operations, including the Macassa Mine and Detour Lake Mine, both located in Northern Ontario, and the Fosterville Mine located in the state of Victoria, Australia. Kirkland Lake Gold's solid base of quality assets is complemented by district scale exploration potential, supported by a strong financial position with extensive management expertise. For further information on Kirkland Lake Gold, visit the website at [www.kl.gold](http://www.kl.gold).



High-resolution imagery: [catharina.nordbeck@redpathmining.com](mailto:catharina.nordbeck@redpathmining.com)

