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KIRKLAND LAKE, ON, P2N 3J7

Symbol – TSX & AIM: **KGI**

September 11, 2008

Mark Tessier Appointed as Vice President of Operations

Kirkland Lake Gold Inc. (the “Company”) is pleased to announce that it has appointed Mark Tessier as Vice President of Operations for its mining operations in Kirkland Lake, Ontario. Mark brings over 25 years experience in underground mining in various ascending positions, with 7 years overseeing the underground mine expansion project and subsequent underground mine operations at Goldcorp’s Red Lake Mine between 1999 and 2006.

“Strategically, the Company has dedicated its efforts over the last years to building its gold reserves and resources, and now, led by Mr. Tessier, the Company will build the engineering and mining team to expand production and lower costs,” said Chairman Harry Dobson. “We expect Mr. Tessier’s production track record demonstrated at Red Lake and the other mines where he has worked to translate into success for Kirkland Lake Gold.”

In addition to his experience at the Red Lake Mine, Mr. Tessier also worked at the Denison Mine, the Dome Mine, and the Golden Giant Mine in Ontario. Mr. Tessier was responsible for management of the Red Lake Underground Mine that produced well over 600,000 ounces in 2005, and over 2,800,000 million ounces from 2000 to 2005. Mark earned a B.Sc. Mining Engineering degree from Queen’s University with honours, and is also a graduate of the Haileybury School of Mines Mining Technologist program.

About Kirkland Lake Gold Inc.

Kirkland Lake Gold Inc. is an operating and exploration gold mining company located in Ontario, Canada. Kirkland Lake Gold Inc. purchased the Macassa Mine and the 1,500 ton per day mill along with four former producing gold properties – Kirkland Lake, Teck-Hughes, Lake Shore and Wright Hargreaves – in December 2001. These properties, which have historically produced some 22 million ounces of gold, extend over seven kilometres between the Macassa Mine on the west and Wright Hargreaves on the east and, for the first time, are being developed and explored under one owner. This camp is located in the Southern Abitibi Greenstone Belt of Kirkland Lake, Ontario, Canada. The Company’s corporate goal is to expand its gold reserves and reduce its operating costs to become a profitable gold producer.

The Company’s common shares trade on the TSX (Toronto Stock Exchange) and on the AIM (Alternative Investment Market) of the London Stock Exchange.

The Company’s senior management and Board of Directors have extensive experience in the natural resource and mining sectors that include exploration, mining and marketing, as well as experience in the legal and corporate finance areas.

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Neither the Toronto Stock Exchange nor the AIM Market of the London Stock Exchange has reviewed and neither accepts responsibility for the adequacy or accuracy of this news release.

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