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**KIRKLAND LAKE, ON, P2N 3J1**

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## **ABM Zone Drilling Update**

**Kirkland Lake Gold Inc.** (the “Company”) announces an update on one of 6 drilling programs in its three year \$21 million exploration campaign. The goal of this campaign is to explore for a combined potential of 15 million tons of ore on the Main Break, Parallel Breaks and North South structures, such as the D Zone, on the Company’s land holdings. Each month between 8 to 12 surface and underground drills are carrying out 4 to 6 different exploration programs. One of the surface programs targeted the recently discovered (as released November 9<sup>th</sup>, 2004) near surface mineralization, now termed the ABM Zone. This ABM Zone is 1,400 feet south of the South Break and 2,000 feet south of the Main Break Break, on a previously unexplored part of the property.

### **LATEST DRILLING ON THE ABM ZONE**

Further testing of the mineralization intersected in drill hole SV-04-08 which assayed 0.51 ounces over 29.0 feet (as released November 9<sup>th</sup>, 2004) has been completed. Forty-four additional surface holes averaging 590 feet in length have been drilled with results from five holes still pending. Eleven of the drill holes did not intersect mineralization. The program is comprised of a combination of close-spaced drilling to define the geometry and wider spaced exploration drilling.

Highlights of the current results include:

- Drilling has confirmed the strike orientation as being near perpendicular the Main Break. The Main Break is the primary host structure of the 24 million ounces of gold that have been mined from the Kirkland Lake gold camp.
- Mineralization is characterised by disseminated pyrite associated with dolomitic flooding and sericitic alteration. Fine visible gold has been observed in eleven of the follow-up holes.
- This is a new style of mineralization and is atypical of the Kirkland Lake camp which is normally characterised by quartz veining.
- Mineralization has been intersected over a strike length of seven hundred feet with an overall shallow (45 to 50 degree) dip to the east. Folding of the zone is apparent giving localized variations in the dip plane. Two mineralized structures are present near the south limit drilled to date. The structures appear to be increasing in strength towards the Amalgamated Break are open in that direction. The

- Amalgamated Break would be located 800 feet south of the current drilled limits.
- Drill hole SV-05-60 intersected 0.72 ounces of gold per ton over 3.6 feet (core length) at a vertical depth of -400 feet which is the deepest significant intersection to date. Mineralization has been intersected at a vertical depth of -700 feet in hole. (SV-04-17 which assayed 0.12 ounces of gold per ton over 2.0 feet (core length)
- The Zone exhibits a shallow plunge to the south.
- Drilling to the north indicates the zone may have been faulted off towards the Main Break though the offset portion has yet to be located.

(See the schematic on the Company's website for more information [www.klgold.com](http://www.klgold.com))

To date, four north-south trending structures have been discovered by the Company at Macassa, each of which may extend 5,000 feet or more. Historically, ore-bearing structures in Kirkland Lake are laterally very extensive (1,000 feet to 20,000 feet). Ore-grade shoots along these structures generally are also extensive (1,000 to 8,000 feet). An example of the extent of potential mineralization is the Teck-Hughes mine, where 3,700,000 ounces of gold were mined from the Main Break over a strike length of only 1400 feet (one claim).

Drilling during the winter was concentrated on the Macassa tailings but this has now been suspended due to spring break-up. Additional drilling south of the tailings dam is scheduled for this summer.

"The ABM Zone represents one of the most exciting discoveries to date" said Stewart Carmichael, Chief Exploration Geologist. "The fact that it is near surface and striking perpendicular to the Main Break opens the possibility for more north-south zones throughout the camp."

The following table summarizes some of the latest drilling program results in ounces per ton over feet:

<b>DRILL HOLE No.</b>	<b>VEIN</b>	<b>FROM (feet)</b>	<b>TO (feet)</b>	<b>HOLE DIP (degrees)</b>	<b>AZIMUTH (degrees)</b>	<b>ASSAY (oz. per ton/feet)</b>
SV-04-08*	ABM Incl.	209.0 209.0	238.0 224.0	-50	307	0.50/29.0' = 6.3' TW 0.84/15.0' = 8.4' TW, VG
SV-04-10*	ABM	305.0	316.0	-51	327	0.15/11.0' = 6.7' TW
SV-04-11*	ABM Incl.	185.0 196.0	197.0 197.0	-60.5	302	0.16/12.0' = 7.7' TW 0.37/1.0' = 0.6' TW, VG
SV-04-12	ABM	173.0	177.0	-77	307	0.42/4.0' = 2.6' TW, VG
SV-04-13	ABM Incl.	275.5 275.5	289.0 276.5	-43	277	0.40/13.5' = 10.6' TW 2.21/1.0' = 0.8' TW, VG
SV-04-15	ABM	281.0	286.0	-62.5	279	0.22/5.0' = 3.9' TW, VG
SV-04-16	ABM	259.0	265.0	-42.5	300	0.24/6.0' = 3.5' TW
SV-04-18	ABM			-78	025	No Significant Values
SV-04-19	ABM	217.0	229.0	-78	025	0.30/12.0' = 5.7' TW
SV-04-20	ABM					OVERSHOT TARGET
SV-04-21	ABM	119.0	127.0	-60	165	0.19/8.0' = 5.6' TW
SV-04-22	ABM	118.0	120.0	-66	250	0.45/2.0' = 1.7' TW

SV-04-46	ABM					OVERSHOT ZONE
SV-04-47	ABM Incl.	286.5 286.5	298.0 290.0	-43.5	247	0.34/11.5' = 11.0' TW 0.64/3.5' = 3.4' TW, VG
SV-04-48	ABM	311.5	319.0	-48	212	0.27/7.5' = 7.3' TW
SV-04-49	New ABM	184.0 215.0	186.0 250.0	-78	011	0.34/2.0' = 1.0' TW, VG 0.11/35.0' = 17.4' TW
SV-04-53	ABM	459.0	469.0	-42	057	0.34/10.0' = 1.3' TW
SV-04-55	UPPER ABM LOWER ABM	195.0 270.0	200.5 271.0	-41.5	241	0.33/5.5' = 5.4' TW 0.18/1.0' = 1.0' TW, VG
SV-04-56	UPPER ABM LOWER ABM	297.0 388.0	301.0 390.0	-75	246	0.36/4.0' = 3.2' TW, VG 0.52/2.0' = 1.6' TW
SV-05-58	UPPER ABM LOWER ABM Incl.	291.7 358.0 358.0	306.0 364.0 360.0	-88	312	0.34/14.3' = 9.2' TW 0.72/6.0' = 3.9' TW 1.65/2.0' = 1.3' TW, VG
SV-05-59	UPPER ABM LOWER ABM	325.0 357.0	326.0 361.0	-64	242	0.37/1.0' = 0.9' TW 0.30/4.0' = 2.6' TW, VG
SV-05-60	LOWER ABM	394.4	398.0	-88.5	233	0.72/3.6' = 2.6' TW, VG
SV-05-66	ABM Incl.	458.0 459.0	461.5 460.0	-75.7	231	0.19/3.5' = 3.0' TW 0.37/1.0' = 0.9' TW
SV-05-68	ABM	249.5	253.5	-51.2	252	0.23/4.0' = 3.8' TW
SV-05-70	ABM	248.5	253.6	-50	206	0.21/5.1' = 5.0' TW

\* Drill holes released on November 9<sup>th</sup>, 2004.

TW = True Width TW ? = True width unknown VG = Visible Gold TELL = Tellurides  
CUT= cut to 3.50 oz./ton QV = Quartz vein QS = Quartz stringers

## About the Company

The Company purchased the Macassa Mine and the 1,500 ton per day mill along with four former producing gold properties – Kirkland Lake Gold, 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 east and Wright Hargreaves on the west and for the first time are being developed and explored under one owner. This camp is located in the Abitibi Southern Greenstone Belt of Kirkland Lake, Ontario, Canada.

The results of the Company's underground diamond drilling program have been reviewed, verified (including sampling, analytical and test data) and compiled by the Company's geological staff (which includes a 'qualified person', Michael Sutton P.Geo. for the purpose of NI 43-101, *Standards of Disclosure for Mineral Projects*).

The Company has implemented a quality assurance and control (QA/QC) program to ensure sampling and analysis of all exploration work is conducted in accordance with the best possible practices. The drill core is sawn in half with half of the core samples shipped to the Swastika Laboratories in Swastika, Ontario or to the Macassa mine laboratory for analysis. The other half of the core is retained for future assay verification. Other QA/QC includes the insertion of blanks, and the regular re-assaying of pulps/rejects at alternate certified labs (Polymet, Accurassay). Gold analysis is conducted by fire assay using atomic absorption or gravimetric finish. The laboratory re-assays at least 10% of all samples and additional checks may be run on anomalous values.

The Company's Kirkland Lake properties are the subject of a report prepared by Roland H. Ridler, B.A.Sc.(hons.), M.A.Sc., Ph.D.(Econ.Geol.), P.D., entitled *Kirkland Lake Mineral Properties (Macassa Mine, Kirkland Lake Gold, Teck-Hughes, Lake Shore, Wright-Hargreaves* dated November 30, 2001. The Company's Macassa Mine Property is the subject of reserve reports prepared by

- David W. Rennie, P.Eng. and Richard E. Routledge, M.Sc., P.Geol. entitled *Review of Mineral Resources and Mineral Reserves of the Macassa Mine Property, Kirkland Lake, Ontario Prepared for Kirkland Lake Gold Inc* dated December 23, 2002 .
- Michael Sutton P.Geol., and Stewart Carmichael, P.Geol. entitled *Mineral Resources and Mineral Reserves of the Macassa Mine Property, Kirkland Lake, Ontario (Kirkland Lake Gold Inc.) as at April 30, 2003* dated August 30, 2003.
- Michael Sutton P.Geol., and Stewart Carmichael, P.Geol. entitled *Mineral Resources and Mineral Reserves of the Macassa Mine Property, Kirkland Lake, Ontario (Kirkland Lake Gold Inc.) as at April 30, 2004* dated August 31, 2004.

All of these technical reports have been filed on SEDAR ([www.sedar.com](http://www.sedar.com) <<http://www.sedar.com>>).

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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.*

*The reserves and resources disclosed in this news release have been estimated using definitions and procedures which conform to National Instrument 43-101 Standards of Disclosure for Mineral Projects of the Canadian Securities Administrators. These reserves and resources were completed internally by the Company's personnel, while the previous reserves and resources were completed in December 2002 internally by the Company's*

personnel and were audited by Roscoe Postle Associates Inc. (an independent geological and mining consulting firm). The reserves are not part of the resources. For details on the calculation of reserves and resources, please refer to the disclosure on the Company's website.

**Cautionary Note to U.S. investors concerning estimates of Measured and Indicated Resources**

*This news release uses the terms "measured" and "indicated resources." We advise U.S. investors that while those terms are recognized and required by Canadian regulations, the U.S. Securities and Exchange Commission does not recognize them. U.S. investors are cautioned not to assume that any part or all of mineral deposits in these categories will ever be converted into reserves.*

**Cautionary Note to U.S. investors concerning estimates of Inferred Resources**

*This news release uses the term "inferred resources." We advise U.S. investors that while this term is recognized and required by Canadian regulations, the U.S. Securities and Exchange Commission does not recognize it. "Inferred resources" have a great amount of uncertainty as to their existence, and great uncertainty as to their economic and legal feasibility. It cannot be assumed that all or any part of an Inferred Mineral Resource will ever be upgraded to a higher category. Under Canadian rules, estimates of Inferred Resources may not form the basis of feasibility or other economic studies. U.S. investors are cautioned not to assume that part or all of an inferred resource exists, or is economically or legally mineable.*

**Cautionary Note to U.S. Investors- The United States Securities and Exchange Commission permits U.S. mining companies, in their filings with the SEC, to disclose only those mineral deposits that a company can economically and legally extract or produce. We use certain terms in press release, such as "measured," "indicated," and "inferred" resources," that the SEC guidelines strictly prohibit U.S. registered companies from including in their filings with the SEC. U.S. Investors are urged to consider closely the disclosure in our Form 20F, File No. 01-31380, which may be secured from us, or from the SEC's website at <http://www.sec.gov/edgar.sht>.**