



NEWS RELEASE

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FOR IMMEDIATE RELEASE

KILO REPORTS GOLD VALUES INCLUDING 140 G/T AU AND UP TO 99.98% RECOVERY BY CYANIDE LEACH FROM SOMITURI ARTISANAL WORKINGS

Toronto, Ontario. – May 10, 2010 – Kilo Goldmines Ltd. ("Kilo" or the "Company") (TSX VENTURE: **KGL**)(FRANKFURT: **02K**) is pleased to announce results of samples collected from nine artisanal sites on the Company's Somituri project in north-eastern Democratic Republic of Congo ("DRC"). The analytical results have confirmed high grade gold values in multiple quartz veins and gold extraction by cyanide leach has demonstrated excellent recoveries.

A rock chip sample weighing approximately 10 kg was obtained from each of nine active artisanal mining sites on the Adumbi, Manzako and the interpreted northwest strike extension of the Kitenge colonial era producing gold mines. The sample sites and gold values are illustrated on Figure 1 (<http://www.kilogold.net/downloads/pr10may2010.pdf>) and the analytical results and gold recoveries are summarized in the following Table.

Sample Site	Gold (g/t)	Gold Recovery (%)
1	15.30	99.68
2	3.52	94.69
3	6.92	96.20
4	25.50	55.13
5	140.00	99.73
6	35.50	93.67
7	100.00	98.87
8	29.10	97.67
9	20.30	99.98

Gold values obtained in adit samples and in drill core samples on the Adumbi mine confirm that gold bearing quartz veins are hosted within a wide gold bearing zone. (See press releases dated April 21, 2010 and May 4, 2010).

About the Somituri Project

The Adumbi mine is situated in the Ngayu Archaean Greenstone Belt, comprised of Upper Kibalian, schists, metavolcanics, chemical metasedimentary rocks including banded iron formation ("BIF"), clastic metasedimentary rocks and quartz veins in the Oriental Province of the DRC. Historical records, unverified by the Company, indicate that during the 1940s to 1958 the colonial era mines on the 133 square kilometre Exploitation Licence produced about

300,000 ounces of gold from quartz vein ore. The Somituri Project holds a further 7 Exploitation Licences covering 473 square kilometres in the un-explored Ngayu Archaean Greenstone Belt. Kilo has a 71.25% interest in the DRC entity that holds the Somituri Exploitation Permits.

The Company is currently evaluating the gold potential of the Exploitation Licence hosting the Adumbi, Kitenge and Manzako gold mines with diamond drilling, adit sampling, trenching and deep soil sampling.

QC and Analytical Procedures

Each sample was placed in a plastic bag, a pre-numbered sample tag was inserted and the bag was stapled shut. The samples were transported from the DRC to SGS Laboratories in Mwanza, Tanzania by a commercial carrier. The samples were crushed to -2mm and the entire sample was pulverized to greater than 85% passing 75 microns. Sample splits were screened and the gold analysis was carried out by the FA-AA method. The gold recovery was determined by a 24 hour cyanide leach bottle roll on a 2kg split. The Company's quality control procedures included the insertion of commercial standards and blanks. SGS Laboratories is accredited to international standards.

About Kilo

Kilo Goldmines Ltd. is a Canadian gold exploration company that is listed on the TSX Venture Exchange under the symbol 'KGL' and on the Frankfurt Exchange under the symbol '02K'. The Company has approximately 16,000 square kilometres of favourable Archaean Kabalian greenstone in the Kilo-Moto area in the Democratic Republic of the Congo. Kilo's principal focus is to advance its projects from exploration through feasibility to project development and ultimately to full production in a socially and environmentally responsible manner.

Qualified Person

The exploration program disclosed in this press release was supervised by the Company's geological consultant Stanley Robinson. Stanley Robinson, M.Sc., P.Geol is also the 'qualified person' (as that term is defined under National Instrument 43-101) of the Company who has reviewed the scientific and technical information contained in this release.

Figure 1, illustrating the sample sites and the gold values, can be viewed at:

<http://www.kilogold.net/downloads/pr10may2010.pdf>

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