



NEWS RELEASE

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FOR IMMEDIATE RELEASE

**KILO DRILLING INTERSECTS 2.07 G/T GOLD OVER 58.80 METRES  
 ON THE ADUMBI PROSPECT, SOMITURI PROJECT, DRC**

Toronto, Ontario. – December 07, 2010 – Kilo Goldmines Ltd. ("Kilo" or the "Company") (TSX VENTURE: **KGL**)(FRANKFURT: **02K**) is pleased to announce partial results from diamond drill hole sixteen and all of the results for diamond drill hole fifteen on the Company's Somituri Project in north-eastern Democratic Republic of Congo ("DRC").

**Somituri - Adumbi Prospect Drilling**

Diamond drill-holes SADD0015 and SADD0016 were collared on drill section 19835E to intersect the gold bearing structure vertically above the previously reported gold bearing zone intersected in drill hole SADD0004 on drill section 19850E (see July 9, 2010 press release). Diamond drill hole SADD0016, an overcut of SADD0015 (partial results reported in November 23, 2010 press release), intersected predominantly oxidized banded iron formation and chert from collar to 152.40m and ended in the footwall tuffaceous metasediments and greywacke at 157.40 metres. The entire 169.70 metre long SADD0015 drill hole intersected predominantly oxidized banded iron formation and chert. Drill hole SADD0015 was drilled on a magnetic azimuth of 220 degrees at an inclination of -50 degrees and due to technical difficulties ended at 169.70 metres. Drill hole SADD0016 was drilled on a magnetic azimuth of 220 degrees at an inclination of -60 degrees and ended at 157.70 metres. It is estimated that the true widths of the mineralized intervals in drill holes SADD0015 and SADD0016 are approximately 70 and 65 percent respectively of the intersected widths in the drill holes. Gold assays have been received for the interval from 0.00 to 58.80 metre in diamond drill hole SADD0016 and for the entire diamond drill hole SADD0015; the gold intersections are summarized below and they are illustrated on Figure 1.

**Adumbi Prospect Drill Section 19835E**

Drill Hole	From (m)	To (m)	Interval (m)	Gold g/t
SADD0016	0.00	58.80	58.80	2.07
includes	31.80	43.80	11.50	6.01
	58.80	157.70	no assay data received	
SADD0015	4.70	18.30	13.60	0.49
includes	30.30	43.80	13.50	0.88
	30.30	37.90	7.60	1.45
	80.70	81.50	0.80	0.33

Drill Hole	From (m)	To (m)	Interval (m)	Gold g/t
	87.20	87.80	0.60	0.55
	101.60	102.90	1.30	0.30
	110.90	112.20	1.30	0.43
	121.20	129.60	8.40	1.39
includes	124.70	129.60	4.90	2.15
	134.40	135.70	1.30	2.83
	139.70	146.10	5.40	0.61*
	148.70	169.70	21.00	5.01*

*\* previously announced (see Nov. 23, 2010 press release)*

Intersected by diamond drill holes SADD0015 and SADD0016 is the sub-vertical chemical metasedimentary rocks predominantly characterized by intervals of chert, chert banded with haematite iron formation (BIF), as well as minor intervals of chert banded with black shale and several narrow intervals of black shale; quartz veins occur throughout the chemical metasedimentary rocks. Quartz veining is characterized by several dominant veins with widths in excess of several metres oriented parallel or sub-parallel to the regional strike of the lithologies; one of these referenced as the 'Main Vein' occurs in close proximity to the contact with the footwall tuffaceous metasediments and greywacke and it was the subject of exploitation by colonial-era mining over a strike length of nearly 2 kilometres. Another such quartz vein of unknown strike continuity occurs in the chemical metasedimentary rocks near the hanging wall contact with the tuffaceous metasediments. In addition, quartz veins and veinlets, representing multiple intrusive events, occur within structural foliations and brittle fractures of various orientations that often cross-cut the northwest – southeast strike direction of the chemical metasedimentary rocks.

Both drill holes SADD0015 and SADD0016 intersected oxidized mineralization; the mineralization is most pronounced when quartz veins and veinlets are present. Drill hole SADD0016 terminated in the footwall tuffaceous metasediments or greywacke whereas drill hole SADD0015 terminated within mineralized chemical metasedimentary rocks. A correlation of the gold bearing zones between the drill holes on Section Line 19835E is being deferred until all the assay results have been received.

Peter Hooper, Executive Chairman of Kilo stated. "The gold bearing oxide mineralization intersected from surface in drill hole SADD0016 is most encouraging and the results of the drilling currently in progress appears to indicate that a sizeable gold bearing zone is emerging."

## **About the Somituri Project**

The company has completed 23 diamond drill holes, abandoned 6 and 2 are currently in progress; a total of 6,198 metres have been drilled on the Adumbi Prospect by Kilo. Records from the colonial era, unverified by the Company, indicate that during the 1940s until its closure in 1958 the combined production from the Adumbi and Bagbaie mines totaled about 200,000 ounces of gold; the Adumbi gold was hosted in quartz vein ore that averaged 11 g/t gold.

In addition, five drill holes have been completed on the past producing Kitenge gold mine, three holes have been completed on the former Manzako gold mine and one drill hole has been completed on the Monde Arabe target, which may be the northwest strike extension of the Kitenge gold bearing structure. According to historical records, unverified by the Company, the Kitenge and Manzako mines produced about 100,000 ounces of gold prior to about 1942. In addition, trenching and deep soil sampling is being carried out.

## **QC and Analytical Procedures**

Quality control of analytical results is monitored by the company with the insertion of commercial standards and blanks in every batch of samples submitted for analysis. For additional details the reader is referred to Kilo's previously announced (see May 4, 2010 press release) quality control and analytical procedures.

## **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 over 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. The Company owns a 71.25% interest in the DRC entity that holds the Somituri Project Exploitation Permits.

## **Qualified Person**

The drilling program disclosed in this press release was planned and 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 Diamond drill section 19835E on the Adumbi prospect, as well as the Adumbi mine can be viewed at: <http://kilogold.net/pr7dec2010.pdf>. The reader is referred to the November 23, 2010 press release for a map illustrating the drill holes and drill section lines on the Adumbi Prospect.

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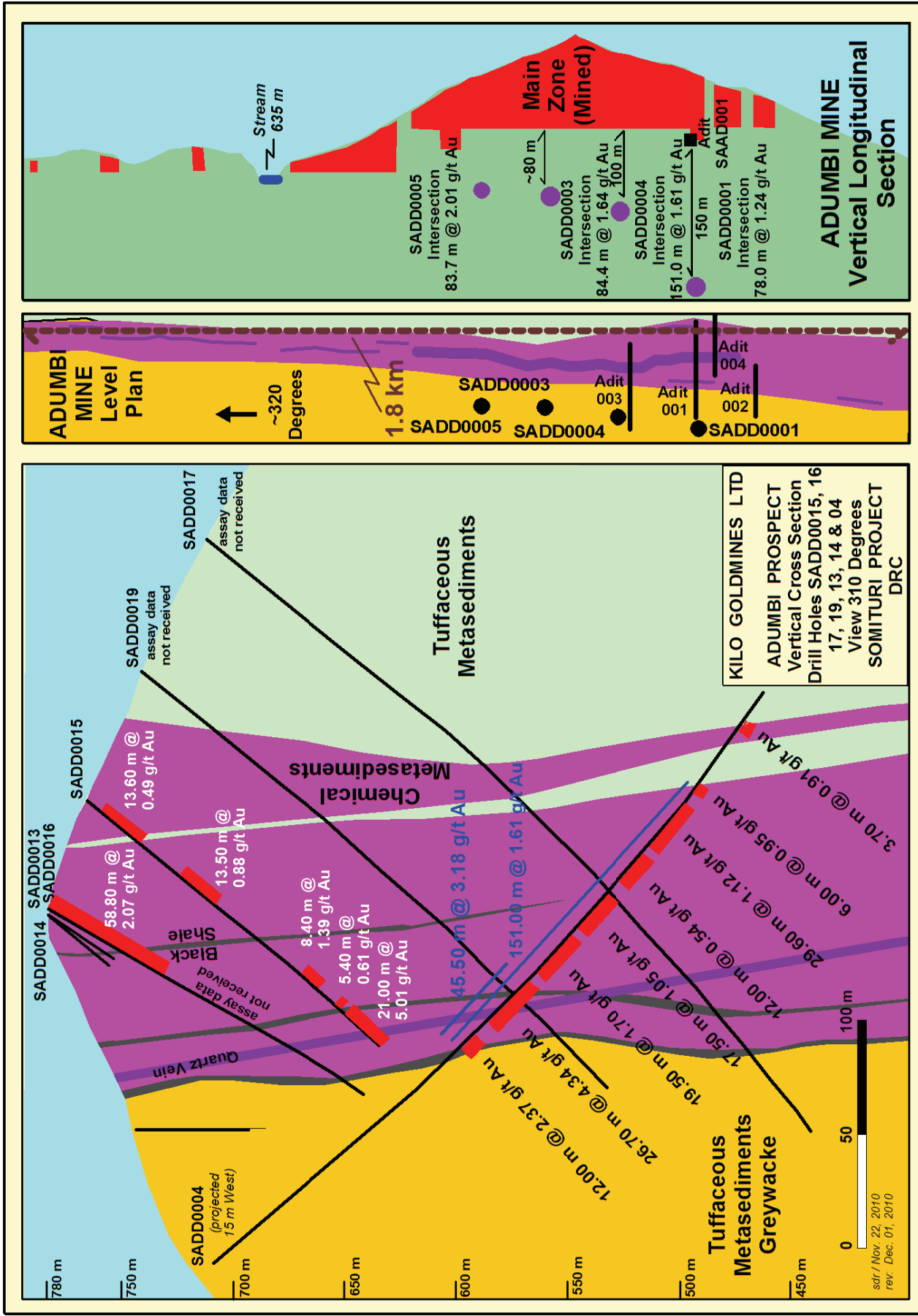


Figure 1. Simplified vertical cross section of Diamond Drill hole SADD0015, Adumbi Prospect, Somituri Project, DRC.