



## Drill Results for Kilo / Rio Tinto DRC Iron Ore JV

Toronto, Ontario. – January 25, 2012 – Kilo Goldmines Ltd. (TSX Venture: KGL; Frankfurt: 02K) (“Kilo” or the “Company”) is pleased to announce encouraging results from five diamond drill holes drilled by Rio Tinto Mining and Exploration Limited (“Rio Tinto”) on the Asonga Prospect of the Kilo / Rio Tinto iron ore joint venture in the Democratic Republic of Congo (DRC).

### Highlights:

- High-grade intercepts, including 73.5 meters (“m”) containing 66.6% Fe;
- Mineralized high grade intercepts of ~30-70m, with some interbanding with metasediments, occurring within wider intercepts that include interbands of lower grade (50-60%) enriched itabirite;
- Delterious content (phosphate, silica) is consistent with expectations, and;
- Results to date indicate the explored area has the potential to host direct shipping iron ore (“DSO”)

The Asonga Prospect is located within exploration licences held 75 % by Kilo and is being explored by Rio Tinto pursuant to the Isiro joint venture between Kilo, Rio Tinto, and Suez Holdings Limited.

Details of the drilling results are listed in Table 1.

Table 1. Summary of Kilo / Rio Tinto JV Asonga Prospect Drill Results

Drill Hole	From (m)	To (m)	Interval (m)	Lithology	Fe (%)	Al <sub>2</sub> O <sub>3</sub> (%)	SiO <sub>2</sub> (%)	P (%)
<b>ASON012</b>	1.53	129.30	127.77	HAE/ITR/ITP	62.72	1.64	5.65	0.089
includes	1.53	74.94	73.41	Haematite	66.58	2.05	0.33	0.105
and	1.53	100.95	99.42	Haematite	65.05	1.78	2.25	0.089
<b>ASON0013</b>	39.90	65.47	25.57	Haematite	66.69	0.79	2.45	0.056
<b>ASON014</b>	0.00	96.00	96.00	HAE / ITR	60.97	2.37	5.53	0.124
includes	9.00	73.95	64.95	Haematite	64.11	2.18	1.24	0.119
<b>ASON0015</b>	0.00	45.75	45.75	HAE / BRM	63.73	4.69	1.03	0.051
ASON016	0	86.47	86.47	HAE / ITR	58.74	3.33	10.53	0.06
<b>and</b>	106.14	127.64	21.5	Haematite	67.76	0.37	2.3	0.03

**Note 1:** abbreviation summary: HAE (Haematite) ITR (Itabirite) BRM (Breccia Mineralized)

**Note 2:** Drill holes ASON0013 and ASON0015 were abandoned in high grade iron ore due to technical difficulties with drilling.

The drill pattern was established to test the continuity of iron formations over a wide area centred on Mt. Asonga. The drill hole spacing varies from approximately 750m to 3,000m over a strike length of ~4.5 km and approximately 600m across strike. The four holes reported on were drilled vertically. Rio Tinto has advised that drilling will continue during 2012.

Alex van Hoeken, President & CEO, today commented "We are pleased that geophysics and drilling indicate that Kilo's licenses continue to show potential to justify further systematic exploration and have the potential to host a high grade iron ore project. Mt Asonga is part of a significant structural feature, which in combination with other areas, could potentially host a major resource."

The drill core was stored in plastic trays, cut on site with a diamond saw and samples of one half core were submitted to Ultra Trace Geoanalytical Laboratories in Perth, Australia for sample preparation and analysis by the X-Ray Diffraction ("XRF") method. Ultra Trace is ISO 17025 certified. Rio Tinto inserted commercial standards and blanks to industry standards.

The information presented in this press release on the Kilo / Rio Tinto JV was provided by Rio Tinto, the project manager and operator.

### **Update on Kilo's bid for the Hajigak Iron Ore deposit in Afghanistan**

Further to the Company's press release dated November 28, 2011, Kilo has now been officially notified by the Afghanistan Ministry of Mines that the Company has been selected as the preferred bidder for concession block A of the Hajigak iron ore deposit located in central Afghanistan. The Company has been awarded the exclusive right to negotiate the mining rights for the concession block with the Afghan Ministry of Mines and negotiations are in progress.

### **Qualified Person**

Stanley Robinson, M.Sc., P.Geo, a geological consultant to the Company, is a "qualified person" (as that term is defined under National Instrument 43-101) and has reviewed and approved the scientific and technical information contained in this release.

### **About Kilo**

Kilo Goldmines Ltd. is a Canadian gold exploration company operating in the Democratic Republic of Congo (DRC). The Company has over 7,000 square km of favourable Archaean Kabalian greenstone in the Kilo-Moto area in north-eastern DRC. Kilo recently announced an inferred resource on the Adumbi Deposit of the Somituri Project of which the Company owns a 71.25% interest.

The Company is also working on a number of other prospective areas which contain historical workings in the same region. It also has a joint venture with Rio Tinto on potential iron ore licences in north-eastern DRC.

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