



PRESS RELEASE

WESDOME – RECORD REVENUE OF \$53.8 MILLION IN H1 2009 – INCREASING PRODUCTION GUIDANCE

Toronto, Ontario – August 4, 2009 – Wesdome Gold Mines Ltd is pleased to announce strong second quarter and first half gold production and bullion sales figures.

Rolly Uloth, President, commented “Healthy gold prices and strong operating results have prompted us to increase our production guidance to 80,000 ounces for 2009.”

GOLD PRODUCTION

During the second quarter ended June 30, 2009, combined gold production from the Company’s Eagle River and Kiena mines totalled 20,959 ounces. Production for the first half 2009 totalled 48,393 ounces, a 12% increase over 2008’s first half performance.

During the second quarter, the Eagle River mine produced 14,183 ounces from 32,908 tonnes milled at a recovered grade of 13.4 gAu/tonne. First half production totalled 31,068 ounces from 65,195 tonnes milled at a grade of 14.8 gAu/tonne.

In the second quarter, the Kiena mine produced 6,776 ounces of gold from 67,216 tonnes milled at an average recovered grade of 3.1 gAu/tonne. Production year to date totals 17,325 ounces from 125,234 tonnes milled at a grade of 4.3 gAu/tonne.

We expect favourable economic conditions to translate into a strong second quarter financial performance.

GOLD SALES

Gold sales in the second quarter totalled \$30.2 million with 28,000 ounces sold at an average realized price of \$1,076Cdn per ounce. Year to date sales total \$53.8 million with 48,700 ounces sold at an average of \$1,102 per ounce, or \$181 per ounce more than during the first half of 2008.

At June 30, 2009, bullion inventory stood at 10,272 ounces with a market value of \$11.2 million.

SECOND QUARTER FINANCIAL RESULTS – OUTLOOK

We expect to release our second quarter financial results the week of August 10, 2009. Economic conditions continue to favour Canadian gold mines. Although we forecast lower grades in the mining sequence during the second half of the year, our strong first half performance prompts us to raise our annual production guidance to 80,000 ounces.

ABOUT WESDOME

Wesdome is an established Canadian gold producer with wholly-owned mining and milling complexes located in Wawa, Ontario and Val d'Or, Québec. Wesdome has been producing gold continually for 20 years on an unhedged basis and to date has produced in excess of 1.0 million ounces. The Company has 99.8 million shares issued and outstanding and trades on the Toronto Stock Exchange under the symbol "WDO".

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