WESDOME

PRESS RELEASE

ENCOURAGING RESULTS IN EXPLORATION DRILLING AT THE KIENA COMPLEX

Val-d'Or, Quebec, June 1, 2005 - Wesdome Gold Mines Inc. is pleased to announce encouraging results from two exploration holes drilled at the Company's wholly owned Kiena Mine Complex. Two horizontal holes (U3801 and U3802) were fanned from the same setup on the 520 metre level in order to test a layer of basalt that hosts the 388 zone. Please refer to attached plan for location.

Hole #	Dip (degrees)	Azimuth (degrees)	From (m)	To (m)	Corelength (m)	Grade (gAu/tonne)
U3801	0	035	403.5	406.4	2.9	3.48
U3802	0	050	401.0	406.5	5.5	5.95

These corelengths approximate true widths. The intersection in U3801 is located 200 metres east of the 388 zone and that in U3802 is located 300 metres east of the 388 zone. Furthermore, the style of mineralization is the same as at the 388 zone consisting of disseminated pyrite hosted by a silicified and albitized diorite sill. These intersections also line up nicely a previously drilled occurrence, 200 metres above, that returned an intersection of 11.03 gAu/tonne over a corelength of 2.18 metres.

Resource estimates for the 388 zone were last done in November, 2003. These resource estimates were audited and verified by independent consulting firm Geologica Groupe-Conseil who confirmed that the methodology, parameters and results of the estimate are in accordance with National Instrument 43-101 and CIM standards. Details of this work are outlined in an April 15, 2005, NI 43-101 Technical Report of the Wesdome Group of Properties which was filed on SEDAR on April 18, 2005, and the results of which are summarized below.

Category	Tonnage (Tonnes)	Grade (gAu/tonne)
Measured Resource	100,997	5.67
Indicated Resource	129,203	6.31
Total:	230,200	6.03

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Cut off Grade:	3.0 gAu/tonne	Specific Gravity:	2.80
Minimum Width:	1.8m	Dilution Factor:	15% at zero
Cutting Factor:	34.28 gAu/tonne		

Measured Resource: 15m spaced drill holes
Indicated Resource: 30m spaced drill holes

Method: Manual crossectional interpretation followed by block modelling using Datamine software. Grades for sub-blocks employ 30m radius ellipsoids containing a minimum of 5 samples. Grades are weighted using the inverse distance squared method.

The 388 zone is one of several targets being evaluated by underground exploration and development at the Kiena Complex. The Company is encouraged by these preliminary results which demonstrate exploration potential along the 388 zone structure beyond currently identified resources.

Assay work is conducted by commercial facility Bourlamaque Assay Laboratories in Val-d'Or, Quebec, employing conventional fire assay techniques on one assay ton sample aliquots. Core samples with visible gold are analyzed by metallic sieve methods on 500 gram aliquots. Samples returning assays greater than 5.0gAu/tonne are checked using conventional fire assay techniques. Samples returning assays greater than 15.0gAu/tonne are checked using metallic sieve methods. Check assay work is conducted by commercial facility Techni-Lab S.G.G Abitibi Inc. in Sainte-Germaine-Boulé, Quebec.

Details of resources estimated for the 388 zone come from a 43-101 report by independent "Qualified Person" Daniel Gaudreault, P.Eng., dated April 15, 2005. This report is available at www.sedar.com. All technical aspects of this press release have been compiled and reviewed by George Mannard, P.Geo. and "Qualified Person" as per NI 43-101 disclosure standards.

Wesdome Gold Mines Inc. trades on the TSX-V Exchange under the symbol "WDG" and has 43.5 million shares outstanding.

For further information and previous press releases please visit:
www.wesdomegoldmines.com
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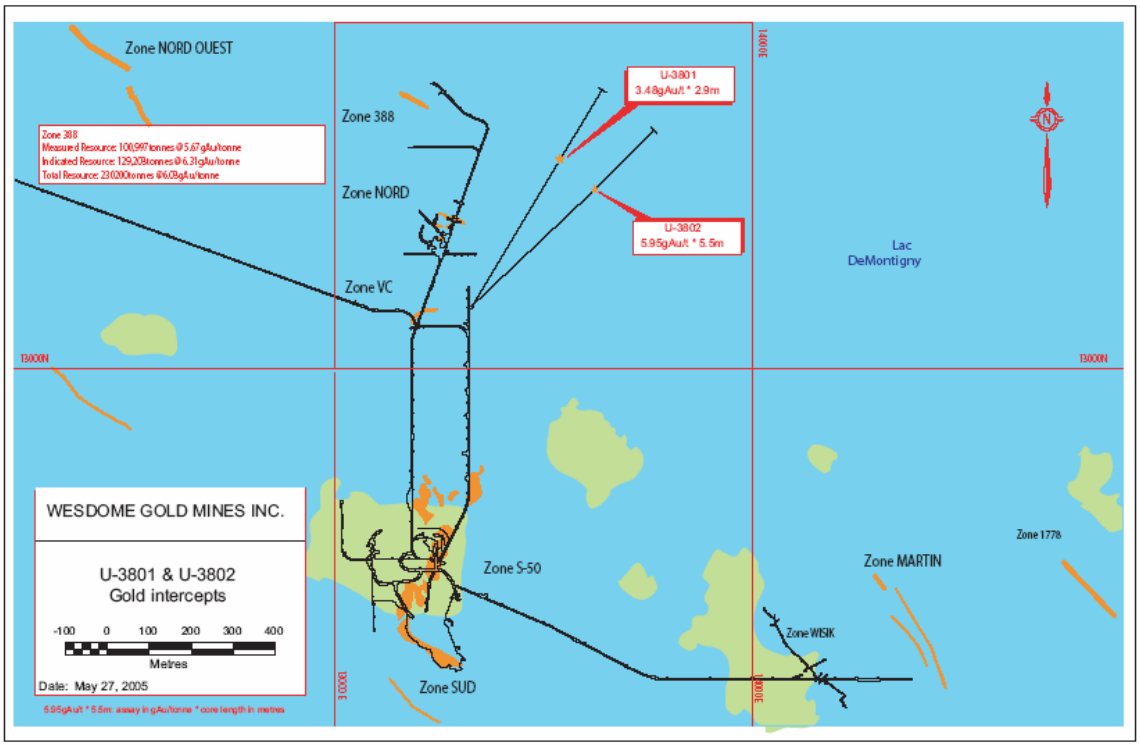
The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this release or the information contained herein.


Zone NORD OUEST
Zone 388
Measured Resource: 100,997tonnes @ 5.67 gAu/tonne
Indicated Resource: 129,203tonnes @ 6.31 gAu/tonne
Total Resource: 230,200tonnes @ 6.03gAu/tonne
Zone 388
Zone NORD
Zone VC
U-3801
3.48gAu/t * 2.9m
U-3802
5.95gAu/t * 5.5m
Lac
DeMontigny
13000N
13000N
WESDOME GOLD MINES INC.
U-3801 & U-3802
Gold intercepts
-100 0 100 200 300 400
Metres
Date: May 27, 2005
5.95gAu/t * 5.5m assay in gAu/tonne * core length in metres
Zone S-50
Zone SUD
Zone MARTIN
Zone 1778
Zone WISIK

Level Plan