



**PRESS RELEASE**

**MARTIN ZONE POTENTIAL FIRING UP**

**Toronto, Ontario – October 19, 2006** – Preliminary drilling and drifting is confirming potential of the Martin Zone structure at Wesdome Gold Mine's Kiena Complex in Val d'Or, Quebec. The structure was initially crosscut on the 330 metre level drift 1.0 kilometre east of the Kiena shaft and averaged 5.28 gAu/tonne over 4.0 metres. Subsequent drifting along the structure revealed an average grade of 6.0 gAu/tonne for the 2.6 metre drift width for a 21.0 metre length as determined by muck sampling. Mineralization remains open to the northwest and southeast and drifting is scheduled to resume in November. Preliminary drilling at 30 metre centres is confirming continuity established by the drifting. Drilling results are tabled below with drifting and drilling results compiled on the accompanying level plans and longitudinal sections.

Hole * No.	Northing (m)	From (m)	To (m)	Corelength (m)	True Width (m)	Grade (gAu/tonne)	Cut Grade (34.28gAu/tonne)
4037	9930			Low values			
4038	9930	153.3	157.3	4.0	3.5	3.86	3.86
4039	9900			Low values			
4040	9900	78.0	82.0	4.0	3.8	2.96	2.96
4041	9870	62.2	73.8	11.6	9.5	4.87	4.87
4042	9870	69.0	95.6	26.6	18.8	3.77	3.25
	including:	69.0	73.0	4.0	3.2	12.90	9.46
	and:	91.8	95.6	3.8	2.6	10.92	10.92
4048	9810	64.8	66.5	1.7	1.5	51.31	23.20
4049	9810		}				
4050	9810		}	Low values			
4051	9810		}				
4073	9870	46.1	50.8	4.7	3.3	8.45	8.45
4074	9870	59.3	71.6	12.3	7.9	3.43	3.43
	includes:	59.3	63.5	4.2	2.7	4.73	4.73
	and:	67.2	71.6	4.4	2.8	4.89	4.89
		99.7	101.0	1.3	0.7	15.78	15.78
4075	9900	64.9	67.3	2.4	2.0	13.71	13.71
4076	9900	77.1	79.5	2.4	1.8	3.94	3.94
4077	9930	138.6	140.4	1.8	1.6	7.25	7.25

\* Holes 4043 – 4047 and 4052 – 4072 were drilled elsewhere on the property.

The Martin Zone structure is a southeast striking, subvertically dipping sheared and brecciated basalt. Gold values are associated with quartz-pyrite veins, stockworks and breccias. The Martin Zone structure supported historic production of 139,000 tonnes grading 6.2 gAu/tonne above 230 metres depth during the period 1936-1938 from an area located 1.0 kilometres southeast of the current work.

The 330 metre level exploration drift has swung along parallel to the Martin Zone structure heading southeast and will provide a drilling platform for further exploration.

Paul Cregheur, President, comments “This is certainly a pleasant surprise as the principle target of this drift is the 22-Zone structure to the east. Results highlight the exploration potential of the property. It doesn’t take much to add significant incremental production to existing mining operations.”

Assaying is performed by fire assay techniques on 30 gram aliquots at the Kiena mine assay office. Atomic absorption finish is applied to assays less than 3.0 gAu/tonne with gravimetric finish on assays greater than 3.0 gAu/tonne. In addition to internal duplicates, standards and blanks, the geology department inserts blind standards and blanks at a frequency of one in twenty samples. Paul Arscott, O.G.Q., Chief Geologist and George Mannard, P.Geo., Vice-President Exploration, both “Qualified Persons” as per 43-101, have compiled and double-checked all technical information in this press release.

Wesdome Gold Mines Ltd. is an established Canadian gold producer with mining operations and development projects in Wawa, Ontario and Val d’Or, Quebec. The Company has 90 million shares issued and trades on the TSX Exchange under the symbol “WDO”.

For more information on Wesdome Gold Mines Ltd. please contact:

Paul Cregheur,  
President

or

Donovan Pollitt,  
VP Corporate Development

8 King St. East, Suite 1305  
Toronto, ON, M5C-1B5  
Toll Free: 1-866-4-WDO-TSX  
Phone: 416-360-3743, Fax: 416-360-7620  
Email: [invest@wesdome.com](mailto:invest@wesdome.com), Website: [www.wesdome.com](http://www.wesdome.com)



