



PRESS RELEASE

WESDOME CUTS 20.66 gAu/tonne OVER 10.5 METRES AND 12.31 gAu/tonne OVER 12.8 METRES AT KIENA MINE

Val d'Or, Quebec – March 29, 2010 – Wesdome Gold Mines Ltd (WDO: TSX) is pleased to report that exploration to follow-up deep drilling at the Kiena Mine is continuing to provide encouraging results. Previous results demonstrated the potential for a southeast plunging corridor of mineralization with a strike length of about 200 metres to extend to depths of at least 1300 metres. Recent drilling results mainly come from 300 to 400 metres below the mine's deepest level and follow the mineralization along strike for 300 metres. Results are improving as the exploration continues to the northwest and the zone is still open along strike and at depth (Figure 1, Table 1).

Donovan Pollitt, CEO, commented "These results are encouraging and consistent with our objective of finding gold close to our wholly-owned infrastructure. These holes are still widely-spaced. We are examining options to increase our drill coverage."

Mineralization is typical of the S-50 zone consisting of an albitized stockwork vein-breccia-dyke complex emplaced near the contact of tholeiitic basalt and komatiite flows. The S-50 zone has provided about 93% of the 1.7 million ounces of gold produced to date from the Kiena mine.

Technical information in this press release has been compiled, reviewed and verified by P. Arscott, P. Geo, Chief Geologist – Kiena Mine and "Qualified Person" as defined by National Instrument 43-101. Assaying was done by fire assay methods at the Kiena mine assay office. In addition to internal duplicate, standards and blanks, the geology department inserts blind standards and blanks into the sample stream at a frequency of one in twenty to monitor quality control.

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 100.6 million shares issued and outstanding and trades on the Toronto Stock Exchange under the symbol "WDO".

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Table 1: S-50 Zone Intersections

Hole No.	From (m)	To (m)	Section	Core length (m)	Estimated True Width (m)	Grade (gAu/tonne)	Cut Grade (cut to 34.28gAu/tonne)
U-4806	468.0	474.5	975N	6.5	4.5	1.19	1.19
U-4807	487.0	492.5	750N	5.5	3.8	0.12	0.12
U-4808	160.5	161.65	1025N	1.15	0.6	13.95	13.95
	532.9	552.0	875N	19.1	11.9	2.30	2.30
U-4809	160.0	166.6	1000N	6.6	3.3	17.42	10.61
	482.7	489.95	800N	7.25	4.5	1.33	1.33
includes	486.7	487.7		1.0	0.6	8.78	8.78
U-4810	227.0	227.75	1000N	0.75	0.3	59.73	34.28
	591.3	608.6	750N	17.3	10.9	1.3	1.3
includes	608.1	608.6		0.5	0.25	28.86	28.86
U-4829	461.0	471.0	800N	10.0	6.6	0.71	0.71
U-4830	366.0	370.5	1050N	4.5	2.9	11.86	8.64
includes	367.5	368.5		1.0	0.7	48.79	34.28
U-4831	344.0	354.0	850N	10.0	7.4	1.83	1.83
	391.5	392.5	850N	1.0	0.8	22.44	22.44
U-4832	409.7	412.1	1025N	2.4	1.9	0.90	0.90
U-4927	390.0	395.1	1125N	5.1	3.7	2.48	2.48
U-4928	387.8	400.6	1075N	12.8	8.2	12.31	8.42
includes	387.8	388.8		1.0	0.6	39.10	34.28
	398.7	400.6	1075N	1.9	1.2	57.92	34.28
U-4929	155.0	156.0	1125N	1.0	0.5	11.46	11.46
	391.0	394.0	1125N	3.0	1.5	3.65	3.65
	417.0	427.5	1125N	10.5	5.5	20.66	12.11
includes	417.0	418.0		1.0	0.5	91.62	34.28
and	422.0	425.4		3.4	1.8	35.17	25.64

Figure 1: S-50 Zone Longitudinal Section

