



PRESS RELEASE

SCHIST ZONE DRILLING AT KIENA MINE RETURNS IMPRESSIVE ASSAYS

Val d'Or, Quebec – May 9, 2011 – Drilling of the Schist Zone at Kiena Mine has returned impressive results. In 2011 twelve definition diamond drill holes were completed above previous mining, adding additional size to the Schist Zone. Drilling was done from level 52. Future drilling of the zone will continue in 2011 when a new drill platform is available. The zone is still open to the east and above.

Mineralization is typical of the Schist Zone consisting of albitized-quartz veining and quartz veining with free gold hosted in a carbonate-talc schist. The Schist Zone is an important grade sweetener near existing development. It provided an important contribution to our strong fourth quarter, 2010. It is scheduled to provide millfeed in the second half, 2011. Results of the recently completed drilling are summarized in the following table and longitudinal section, also available at www.wesdome.com.

Schist 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-5416	39.0	40.5	13215E	1.5	0.89	7.78	7.78
U-5417			13215E			N.S.A.	N.S.A.
U-5418	28.0	30.0	13230E	2.0	1.26	22.98	14.86
U-5419	23.6	27.4	13230E	3.8	2.82	8.96	8.96
U-5420	27.6	32.3	13230E	4.7	3.33	30.70	20.36
U-5421	20.3	21.0	13245E	0.7	0.59	2.34	2.34
U-5422	14.0	15.8	13245E	1.8	1.79	2.31	2.31
U-5423	14.0	18.6	13245E	4.6	4.34	5.00	5.00
U-5425	19.5	21.7	13255E	2.2	1.64	13.68	7.26
U-5426	12.9	19.0	13255E	6.1	6.08	23.18	13.83
U-5427	15.0	18.0	13255E	3.0	2.77	21.85	13.51
U-5431	4.0	5.0	13265E	1.0	1.00	27.97	26.00

Technical information in this press release has been compiled, reviewed and verified by Ronald Leber, P.Geo, Chief Production 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.

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 22

years on an unhedged basis and to date has produced in excess of 1.2 million ounces. The Company has 101.6 million shares issued and outstanding and trades on the Toronto Stock Exchange under the symbol "WDO".

For further information, please contact:

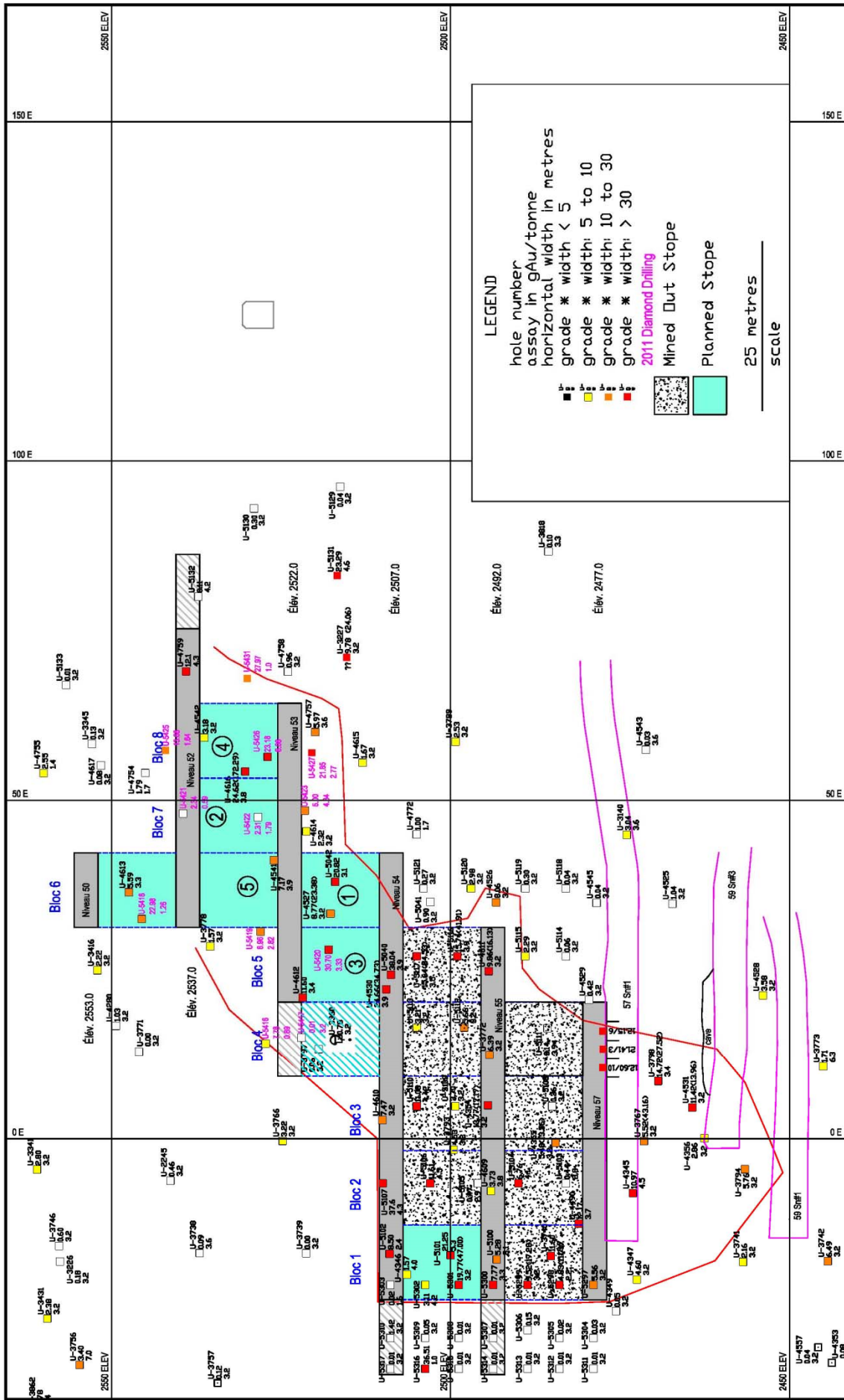
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