



PRESS RELEASE

WESDOME ENCOURAGED FROM S-50 SOUTHEAST DRILLING RESULTS AT KIENA MINE

Val d'Or, Quebec – January 2, 2013 – Wesdome Gold Mines Ltd (TSX: WDO) is pleased to report the underground exploration drilling results at the Kiena Mine continue to provide encouraging results. An underground exploration drilling program of the S-50 Zone at Kiena Mine was initiated during September, 2010 following a compilation which identified an unexplored area with dimensions of at least 150 m laterally by 400 m vertically toward the southeast of the gold deposit. The first phase of the drill program was designed to explore the area between the 27 and 48 levels (approx. 270 metres to 480 metres below surface). Please refer to the Press Release “Wesdome Plans Aggressive Drilling and Development Program in 2011” dated March 30, 2011, available on the website at www.wesdome.com.

Drill results demonstrate a continuity of the S-50 (South Zone) mineralized system toward the southeast and at depth with a series of steeply dipping sub-parallel zones intersected by several of the drill holes. Drill hole locations and results highlights are summarized in the following tables (Table 1 and Table 1a), (Table 2 and Table 2a), respectively, along with the accompanying plan view (Figure 1 and Figure 1a).

George Mannard, Vice President – Exploration comments “We have recently developed, and are starting to mine, in the South Zone. Particularly tantalizing are the last 3 holes in the highlights list below. We believe further drilling in this area has potential to demonstrate continuity of above average grade mineralization with potentially economic dimensions in proximity to existing underground workings”.

HIGHLIGHTS INCLUDE

- **6.01 gAu/tonne over 10.0 m (core length), 8.78 m (true width) in hole U-5454**
- **5.08 gAu/tonne over 6.4 m (core length), 1.93 m (true width) in hole U-5667**
- **6.61 gAu/tonne over 11.8 m (core length), 2.20 m (true width) in hole U-5402**
- **3.72 gAu/tonne over 11.0 m (core length), 6.75 m (true width) in hole U-5161**
- **5.28 gAu/tonne over 2.8 m (core length), 1.53 m (true width) in hole U-5529**
- **4.89 gAu/tonne over 6.1 m (core length), 4.45 m (true width) in hole U-4998**
- **21.07 gAu/tonne over 7.5 m (core length), 7.30 m (true width) in hole U-5454**
- **10.59 gAu/tonne over 5.1 m (core length), 1.53 m (true width) in hole U-5445**
- **11.40 gAu/tonne over 3.5 m (core length), 1.07 m (true width) in hole U-5411**

Mineralization of the S-50 Zone consists of an albitized stockwork vein-breccia-dyke complex situated along the contact between tholeiitic basalts and komatiite flows. Historic production from the S-50 Zone has provided about 93% of the 1.7 million ounces of gold produced from 10.7 million tons to date at the Kiena mine.

TECHNICAL DISCLOSURE

The technical content of this press release has been compiled, reviewed and verified by Marc Ducharme, P.Geo. OGQ, Chief Exploration Geologist, Kiena mine in his capacity as a “Qualified Person”, as per

requirements of 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 celebrating its 25th year of continuous mining operations in Canada. It currently has three producing gold mines with wholly-owned mining and milling complexes located in Wawa, Ontario and Val d'Or, Québec. The Company has 101.9 million shares issued and outstanding and trades on the Toronto Stock Exchange under the symbol "WDO".

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This news release contains "forward-looking information" which may include, but is not limited to, statements with respect to the future financial or operating performance of the Company and its projects. Often, but not always, forward-looking statements can be identified by the use of words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "believes" or variations (including negative variations) of such words and phrases, or state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved. Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Forward-looking statements contained herein are made as of the date of this press release and the Company disclaims any obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. The Company undertakes no obligation to update forward-looking statements if circumstances, management's estimates or opinions should change, except as required by securities legislation. Accordingly, the reader is cautioned not to place undue reliance on forward-looking statements.

Table1: SOUTH-EAST EXTENSION - DRILL HOLE LOCATIONS

Hole No.	Easting (KIENA)	Northing (KIENA)	Elevation * (KIENA)	Azimuth (degrees)	Dip (degrees)	Depth (metres)
U-5161	13301	12207	2761	186	-53	152
U-5162	13301	12207	2761	186	41	186
U-5165	13301	12207	2761	175	-37	162
U-5330	13320	12454	2670	184	-24	362
U-5331	13321	12454	2670	177	-31	430
U-5332	13321	12454	2670	177	-13	500
U-5333	13321	12454	2670	171	-20	522
U-5334	13321	12454	2671	166	-8	551
U-5375	13321	12454	2671	170	-9	659
U-5401	13321	12454	2670	166	-20	622
U-5402	13321	12454	2671	166	2	553
U-5411	13321	12454	2671	160	10	560
U-5412	13321	12454	2671	160	0	576
U-5413	13321	12454	2671	160	-12	630
U-5445	13321	12454	2671	161	7	575
U-5454	13322	12454	2671	150	10	593
U-5455	13322	12454	2671	150	-1	600
U-5456	13321	12454	2671	161	-4	598
U-5529	13274	12215	2762	174	17	400
U-5530	13274	12215	2762	164	17	413
U-5531	13275	12215	2762	155	17	426
U-5532	13276	12215	2762	148	17	450
U-5533	13276	12215	2762	141	16	477
U-5534	13276	12215	2762	135	16	502
U-5625	13277	12215	2761	130	-9	501
U-5667	13216	12377	2526	151	-8	631

* The surface elevation at Kiena is 3035 metres (lake level)

Table1a: SOUTH-EAST EXTENSION - PREVIOUS DRILL HOLE LOCATIONS

Hole No.	Easting (KIENA)	Northing (KIENA)	Elevation * (KIENA)	Azimuth (degrees)	Dip (degrees)	Depth (metres)
U-1389	13350	12195	2763	180	0	540
U-3268	13763	12262	2708	216	-43	605
U-4117	13297	12332	2716	179	-23	850
U-4993	13302	12207	2760	158	-27	168
U-4996	13301	12207	2762	172	17	173
U-4998	13301	12207	2760	180	-17	145

Table 2: SOUTH-EAST EXTENSION - SIGNIFICANT INTERSECTIONS

Hole No.	From (metres)	To (metres)	Core length (metres)	Est. True Width (metres)	Grade (gAu/tonne)	Cut Grade (cut to 34.28 gAu/tonne)
U-5161	78.5	89.5	11.0	6.75	3.72	3.72
U-5162	165	170	5.0	2.18	3.55	3.55
U-5165	107	116	9.0	7.03	1.44	1.44
U-5330	273	279	6.0	4.34	2.08	2.08
U-5331	231.45	243.35	11.9	11.21	1.19	1.19
U-5332	236.5	245.65	9.2	5.61	1.18	1.18
U-5332	269	276.85	7.9	5.42	2.83	2.83
U-5333	225.3	226.75	1.5	0.97	1.85	1.85
U-5333	275.2	281.55	6.4	4.53	2.16	2.16
U-5333	278.55	281.55	3.0	2.14	3.56	3.56
U-5334	290.9	293.9	3.0	1.54	3.08	3.08
U-5334	318.5	324	5.5	2.8	2.85	2.85
U-5375	291.9	300.1	8.2	3.46	1.65	1.65
U-5401	257	265	8.0	3.62	1.12	1.12
U-5401	304.5	308	3.5	2.3	1.90	1.90
U-5401	351.75	356	4.3	2.05	1.02	1.02
U-5402	223.2	253.6	30.4	10.7	3.38	3.38
U-5402	223.2	235	11.8	2.2	6.61	6.61
U-5411	547.3	550.8	3.5	1.07	11.40	11.40
U-5412	347.13	348	0.87	0.85	43.5	34.28
U-5412	372.5	376	3.5	3.4	2.06	2.06
U-5412	405	411	6.0	5.86	0.75	0.75
U-5413	367.5	375	7.5	6.22	1.73	1.73
U-5445	429	433	4.0	3.88	1.01	1.01
U-5445	439	443	4.0	3.89	1.66	1.66
U-5445	505.2	510.3	5.1	1.53	10.59	8.86
U-5454	120	130	10.0	8.78	6.01	3.82
U-5454	411	418.7	7.7	7.27	0.44	0.44
U-5454	466	469	3.0	2.88	0.66	0.66
U-5454	496.5	504	7.5	7.3	21.07	8.60
U-5455	451.2	460.5	9.3	7.89	0.43	0.43
U-5455	491	493.9	2.9	2.41	1.22	1.22
U-5456	377	381.2	4.2	3.22	1.46	1.46
U-5456	483.5	486.5	3.0	2.24	0.86	0.86
U-5529	81	83.8	2.8	1.53	5.28	5.28
U-5530	49.2	49.7	0.5	0.21	21.66	21.66
U-5531	144	163.45	19.5	6.88	0.55	0.55
U-5532	177	183	6.0	5.18	1.2	1.2
U-5533	207.35	215	7.7	6.47	1.27	1.27
U-5534	215.6	216.8	1.2	0.91	2.2	2.2
U-5625	424	425	1.0	0.93	2.56	2.56
U-5667	97	103.4	6.4	1.93	5.08	5.08

Table 2a: SOUTH-EAST EXTENSION – PREVIOUS SIGNIFICANT DRILL HOLE RESULTS

Hole No.	From (metres)	To (metres)	Core length (metres)	Est. True Width (metres)	Grade (gAu/tonne)	Cut Grade (cut to 34.28 gAu/tonne)
U-1389	58	68	10.0	7.03	2.13	2.13
U-1389	86.5	96	9.5	6.76	1.98	1.98
U-3268	329.4	337.7	8.3	7.47	1.26	1.26
U-4117	61.1	77.7	16.6	14.27	4.91	4.91
U-4993	72.9	76.4	3.5	1.58	3.56	3.56
U-4996	123	128	5.0	2.65	2.92	2.92
U-4998	72	73.5	1.5	1.09	4.06	4.06
U-4998	103	109.1	6.1	4.45	4.89	4.55

