



PRESS RELEASE

ENCOURAGING RESULTS FROM NORTHWEST ZONE SURFACE DRILLING

Val d'Or, Quebec – March 5, 2012 – Wesdome Gold Mines Ltd (WDO: TSX) is pleased to announce the results from its 2011 surface diamond drilling program on the Northwest Zone located 1.3 kilometres northwest of the Kiena mine shaft.

Surface drilling of the Northwest Zone, located about 600 metres west of current mining areas, has confirmed the internal geometry of the zone at fifty metre centres. Additionally, a previously untested parallel zone is emerging at shallow depths, grading up to **14.34 gAu/tonne over a true width of 4.9 metres** in hole S717.

Drill hole locations and results are summarized in Tables 1 and 2 and on the accompanying surface plan (Figure 1) and longitudinal section (Figure 2).

HIGHLIGHTS INCLUDE

- **26.16 gAu/tonne over 3.3 m (core length)**
- **7.70 gAu/tonne over 2.9 m (core length)**
- **3.23 gAu/tonne over 4.7 m (core length)**
- **2.94 gAu/tonne over 8.1 m (core length)**

George Mannard, VP Exploration, comments, "This provides us with the confidence for a reasonable grade and tonnage estimate on the main lens plus some exploration potential. These results will be incorporated into the mine planning process."

Table 1: Drill Hole Locations

Hole No.	Easting (UTM)	Northing (UTM)	Azimuth (degrees)	Dip (degrees)	Length (metres)	Sector
S716	282393	5335085	225	-50	350	Northwest Zone
S717	282440	5335128	225	-50	400	Northwest Zone
S718	282397	5335020	225	-50	250	Northwest Zone
S719	282503	5335119	225	-50	450	Northwest Zone
S720	282466	5335015	225	-50	350	Northwest Zone
S721	282488	5335036	225	-55	450	Northwest Zone
S722	282429	5334913	225	-50	250	Northwest Zone
S723	282538	5335015	225	-50	400	Northwest Zone
S724	282538	5335015	225	-63	450	Northwest Zone
S725	282528	5334937	225	-50	350	Northwest Zone
S726	282614	5335017	225	-50	450	Northwest Zone
S727	282409	5335168	225	-50	400	Northwest Zone
S728	282409	5335168	225	-63	450	Northwest Zone
S729	282271	5335107	225	-50	250	Northwest Zone
S730*	282375	5335204	225	-50	400	Northwest Zone

* Drill hole abandoned

Table 2: Drill Hole Results

Hole No.	From (metres)	To (metres)	Section	Core length (metres)	Estimated True Width (metres)	Grade (gAu/tonne)	Cut Grade** (gAu/tonne)
<i>S716</i>	<i>276</i>	<i>278.2</i>	<i>750 NW</i>	<i>2.2</i>	<i>2.0</i>	<i>4.44</i>	<i>4.44</i>
S716	290.2	293.5	750 NW	3.3	2.9	26.16	8.57
<i>S717</i>	<i>111.8</i>	<i>117.2</i>	<i>750 NW</i>	<i>5.4</i>	<i>4.9</i>	<i>14.34</i>	<i>9.55</i>
S717	300	302.9	750 NW	2.9	2.6	7.70	7.70
<i>S717</i>	<i>330.8</i>	<i>333.4</i>	<i>750 NW</i>	<i>2.6</i>	<i>2.4</i>	<i>2.05</i>	<i>2.05</i>
<i>S718</i>	<i>152.6</i>	<i>156.8</i>	<i>700 NW</i>	<i>4.2</i>	<i>3.8</i>	<i>2.21</i>	<i>2.21</i>
<i>S718</i>	<i>196.1</i>	<i>197.6</i>	<i>700 NW</i>	<i>1.5</i>	<i>1.4</i>	<i>4.29</i>	<i>4.29</i>
<i>S718</i>	<i>201.2</i>	<i>205.3</i>	<i>700 NW</i>	<i>4.1</i>	<i>3.7</i>	<i>2.12</i>	<i>2.12</i>
S718	219	223.7	700 NW	4.7	4.3	3.23	3.23
<i>S718</i>	<i>232.5</i>	<i>235.8</i>	<i>700 NW</i>	<i>3.3</i>	<i>3.0</i>	<i>1.76</i>	<i>1.76</i>
<i>S719</i>	<i>63.7</i>	<i>64.2</i>	<i>700 NW</i>	<i>0.5</i>	<i>0.5</i>	<i>5.59</i>	<i>5.59</i>
<i>S719</i>	<i>126.7</i>	<i>128.1</i>	<i>700 NW</i>	<i>1.4</i>	<i>1.3</i>	<i>2.96</i>	<i>2.96</i>
S719	390.8	393.2	700 NW	2.4	2.2	2.20	2.20
<i>S720</i>	<i>16.6</i>	<i>23.8</i>	<i>650 NW</i>	<i>7.2</i>	<i>6.5</i>	<i>3.04</i>	<i>3.04</i>
S720	258.1	266.2	650 NW	8.1	7.6	2.94	2.94
<i>S721</i>	<i>341.4</i>	<i>344</i>	<i>650 NW</i>	<i>2.6</i>	<i>2.4</i>	<i>1.52</i>	<i>1.52</i>
<i>S721</i>	<i>346.8</i>	<i>348.7</i>	<i>650 NW</i>	<i>1.9</i>	<i>1.8</i>	<i>2.27</i>	<i>2.27</i>
S721	351.7	353.7	650 NW	2	1.9	6.64	6.64
S722	243.3	245.5	600 NW	2.2	2.0	0.82	0.82
<i>S723</i>	<i>312.7</i>	<i>313.9</i>	<i>600 NW</i>	<i>1.2</i>	<i>1.1</i>	<i>1.11</i>	<i>1.11</i>
S723	353.8	354.7	600 NW	0.9	0.8	4.66	4.66
S723	356.8	357.9	600 NW	1.1	1.0	3.79	3.79
S724	395.7	398.4	600 NW	2.7	2.3	0.66	0.66
<i>S725</i>	<i>257.9</i>	<i>258.4</i>	<i>550 NW</i>	<i>0.5</i>	<i>0.5</i>	<i>2.42</i>	<i>2.42</i>
S725	266.3	269.6	550 NW	3.3	3.0	0.69	0.69
<i>S726</i>	<i>160.4</i>	<i>162.2</i>	<i>550 NW</i>	<i>1.8</i>	<i>1.7</i>	<i>2.72</i>	<i>2.72</i>
S726	389.6	390.5	550 NW	0.9	0.8	0.18	0.18
<i>S727</i>	<i>25</i>	<i>25.5</i>	<i>800 NW</i>	<i>0.5</i>	<i>0.5</i>	<i>26.64</i>	<i>26.64</i>
<i>S727</i>	<i>48</i>	<i>49.5</i>	<i>800 NW</i>	<i>1.5</i>	<i>1.4</i>	<i>1.49</i>	<i>1.49</i>
<i>S727</i>	<i>156.1</i>	<i>156.6</i>	<i>800 NW</i>	<i>0.5</i>	<i>0.5</i>	<i>4.35</i>	<i>4.35</i>
S727	328.1	330.1	800 NW	2	1.8	1.26	1.26
<i>S728</i>	<i>70.7</i>	<i>72</i>	<i>800 NW</i>	<i>1.3</i>	<i>1.0</i>	<i>1.17</i>	<i>1.17</i>
<i>S728</i>	<i>107.3</i>	<i>107.9</i>	<i>800 NW</i>	<i>0.6</i>	<i>0.5</i>	<i>1.12</i>	<i>1.12</i>
S728	384.4	385.2	800 NW	0.8	0.7	2.67	2.67
S728	389.4	393.3	800 NW	3.9	3.2	1.18	1.18
<i>S729</i>	<i>29.2</i>	<i>30.5</i>	<i>850 NW</i>	<i>1.3</i>	<i>1.2</i>	<i>6.26</i>	<i>6.26</i>
S729	219.4	221.7	850 NW	2.3	2.1	0.39	0.39
S730			850 NW				abandoned

** An upper grade cutting limit of 34.28 gAu/tonne was applied.

Note: Results tabled in magenta italic text represent an interpreted branch of the Northwest Zone.

GEOLOGICAL CONTEXT

The Northwest Zone is a tabular zone consisting of quartz-carbonate-tourmaline-pyrite veining hosted by albite altered diorites and tholeiitic basalts. The Northwest Zone strikes northwest, dipping at -65 degrees towards northeast. The Northwest Zone is situated approximately 600 metres west of the 388 zone currently being developed at the 330 metres level. The zone appears to be branching into at least two sub parallel lenses to the northeast as illustrated on the accompanying drill hole location plan (Figure 1). This is illustrated by the following intersections encountered at shallow depth well before the intended target:

- **hole S717 14.34 gAu/tonne over 4.9 metres true width**
- **hole S720 3.04 gAu/tonne over 6.5 metres true width**
- **hole S729 6.26 gAu/tonne over 1.2 metres true width**

TECHNICAL DISCLOSURE

The technical content of this press release has been 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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