



Press Release

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## **PREMIER INTERSECTS HIGH-GRADE GOLD AT EP AND SP ZONE TARGETS**

### **19.03 g/t Au across 11.3m and 6.63 g/t Au across 28.1m**

**PREMIER GOLD MINES LIMITED (TSX:PG)** is pleased to announce that ongoing drilling continues to intersect significant gold mineralization across multiple subzones at the Company's Hardrock Project in Northwestern Ontario. The current program, consisting of delineation and exploration drilling, will continue throughout 2009 and is expected to result in an NI 43-101 compliant resource estimate by year end.

Drilling at the EP Zone continues to exceed expectations with recent step-out and infill holes returning some of the best results received to date. The first three holes drilled to test the South Porphyry Zone ("SP") have all returned high-grade gold mineralization within multiple zones.

Highlights from recent drilling include:

**EP Zone: 5.21 grams per tonne gold (g/t Au) across 37.0 metres within the North Limb  
19.03 g/t Au across 11.3 metres in step-out drilling on the South Limb**

**SP Zone: 6.63 g/t Au across 28.1 metres within the SP Zone underground target  
36.22 g/t Au (1.06 oz/ton) across 2.2 metres within the HGV Zone target**

Premier holds a 70% interest in the Hardrock Project, which is operated under a joint venture with Roxmark Mines Limited (TSX-V:RMK). The Hardrock Project is host to several past-producing mines which collectively produced nearly 3.0 Million ounces of gold within 600 metres of surface from 1938-1968. Early drilling in 2009 focused on open pit-style mineralization and but is now targeting the huge potential to expand higher grade mineralization amenable to efficient underground mining methods. Historically at Hardrock, little effort was made to define narrow vein, high grade mineralization as bulk mining methods were used to extract the ore.

### **EP-Zone**

The **EP-Zone** has been identified as a potential high-grade open pit target in the vicinity of the historic North Zone, from which 2.97 million short tons of ore was mined at a recovered grade of 0.22 ounces per ton gold (7.54 g/t Au). **Drilling has intersected mineralization in multiple sub-zones within the EP target over a strike length of 600 metres.**

**Previous highlights include 7.60 g/t Au across 20.5 m in hole EP044, 2.37 g/t Au across 62.7 m in hole EP026, and 4.17 g/t Au across 29.0 m in hole EP053. New results, that include 6.66 g/t Au across 14.0 m in hole EP074, 5.21 g/t Au across 37.0 m in hole EP079, and 19.03 g/t Au across 11.3 m in hole EP080 continue to define and expand mineralization within the EP target area.**

Table 1 highlights new assay results at the EP-Zone. A complete table of results for the EP Zone can be found on the Company's website, [www.premiergoldmines.com](http://www.premiergoldmines.com).

Table 1 New Sub-Zone Intercepts within the EP Zone Target Area

Hole-ID	UTM Coordinates (m)	Dip/Azimuth (degrees)	From (m)	To (m)	Interval (m)	Grade (g/tonne)	Interval (ft)	Grade (oz/ton)	Zone
EP058	5503053 N 504699 E	-45/360	147.6	156.4	8.8	5.81	28.9	0.17	North Limb B
			165.7	176.4	10.7	3.03	35.1	0.09	North Limb C
EP061	5503076 N 504652 E	-50/360	62.4	62.9	0.5	5.89	1.6	0.17	South Limb
			71.5	72.0	0.5	7.19	1.6	0.21	North Limb
			165.7	180.1	14.4	1.23	47.2	0.04	North Limb C
EP062	5503052 N 504650 E	-50/360	89.6	98.7	9.1	0.73	29.8	0.02	South Limb
			116.5	117.2	0.7	5.04	2.3	0.15	North Limb
			135.2	159.2	24.0	1.71	78.7	0.05	North Limb B
			195.7	196.2	0.5	7.31	1.6	0.21	North Limb C
EP063	5503052 N 504650 E	-60/360	130.8	135.4	4.6	4.00	15.1	0.12	North Limb
			181.3	187.1	5.8	4.30	19.0	0.13	North Limb B
EP064	5503027 N 504653 E	-60/360	74.9	92.9	18.0	1.49	59.0	0.04	South Limb B
			212.8	217.7	4.9	2.83	16.1	0.08	North Limb C
EP066	5503051 N 504601 E	-60/360	124.7	125.7	1.0	5.48	3.3	0.16	North Limb
			159.9	162.6	2.7	4.87	8.9	0.14	North Limb B
			249.7	252.0	2.3	5.49	7.5	0.16	North Limb C
EP071	5503074 N 504551 E	-60/360	108.9	120.8	11.9	4.06	39.0	0.12	South Limb
			138.1	141.5	3.4	4.48	11.2	0.13	North Limb
EP072	5503101 N 504549 E	-60/360	106.0	116.1	10.1	1.29	33.1	0.04	North Limb
			128.1	135.3	7.2	2.11	23.6	0.06	North Limb B
EP074	5503050 N 504500 E	-60/360	154.0	168.0	14.0	6.66	45.9	0.19	North Limb
EP078	5503026 N 504750 E	-60/360	159.0	165.7	6.7	3.16	22.0	0.09	South Limb
			176.5	185.5	9.0	2.59	29.5	0.08	North Limb
			193.0	218.5	25.5	2.12	83.6	0.06	North Limb B
EP079	5503102 N 504808 E	-45/360	40.0	77.0	37.0	5.21	121.4	0.15	North Limb
EP080	5503026 N 504807 E	-60/360	75.0	76.5	1.5	21.10	4.9	0.62	South Limb C
			131.0	146.4	15.4	2.10	50.5	0.06	South Limb B
			156.2	167.5	11.3	19.03	37.1	0.56	South Limb
			187.5	189.0	1.5	14.00	4.9	0.41	North Limb
			241.5	246.0	4.5	2.13	14.8	0.06	North Limb C

True widths estimated at approximately 70% of intersection widths

## **UNDERGROUND ZONES**

Following compilation of data from the Project area, several highly prospective target areas, with the potential to host new underground mineral resources, have been identified. Initial drilling to test the potential of the SP Zone, and one of several High Grade Vein Zones (“HGV”), has returned multiple intersections of high-grade gold mineralization.

### **SP Zone**

At Hardrock, the SP Zone was partially mined in the upper levels of the mine with 264,354 tonnes (291,428 tons) of ore mined at an average grade of 8.37g/t Au (0.244 oz/t). Intermittent historic drilling that tested the unmined down-plunge extension of the SP Zone suggests the potential to outline mineralization over a plunge length of

nearly 3.0 kilometres (8,500 feet). The initial three holes drilled to test this target have all intersected significant mineralization within the SP Zone in addition to high-grade gold within a HGV Zone (Note that only MM006 was drilled far enough to intersect the HGV – other holes are being deepened).

Table 2 summarizes new assay results from drilling to test the SP Zone. **Highlights include 6.63 g/t Au across 28.1 m and 6.74 g/t Au across 7.0 m within the SP Zone, 8.42 g/t Au across 2.0 m within the F Zone, and 36.22 g/t Au across 2.2 m within the HGV Zone. SP Zone results correlate very well with previous surface drilling results conducted by Asarco in 1994. Previous SP Zone hits include 11.69 g/t across 7.6 m in 94-77 and 7.76 g/t across 21.6 m in 94-78. Premier plans to include these intercepts in its NI-43101 compliant resource by year-end.**

Table 2 New Sub-Zone Intercepts within the SP Zone Target Area

Hole-ID	UTM Coordinates (m)	Dip/Azimuth (degrees)	From (m)	To (m)	Interval (m)	Grade (g/tonne)	Interval (ft)	Grade (oz/ton)	Zone
MM004	5502718 N 504306 E	-55/360	208.1	210.0	1.9	5.88	6.2	0.17	SP
			219.0	223.4	4.4	6.36	14.4	0.19	SP
			240.5	242.1	1.6	8.35	5.2	0.24	SP
			334.0	336.0	2.0	8.42	6.6	0.25	F
MM005 including	5502703 N 504257 E	-55/360	230.8	258.9	28.1	6.63	92.2	0.19	SP
			252.9	258.9	6.0	17.14	19.7	0.50	SP
			272.3	273.5	1.2	10.92	3.9	0.32	SP
			297.5	300.5	3.0	4.57	9.8	0.13	SP
MM006	5502694 N 504199 E	-55/360	244.0	251.0	7.0	6.74	23.0	0.20	SP
			314.5	316.0	1.5	4.80	4.9	0.14	F
			371.0	373.2	2.2	36.22	7.2	1.06	HGV

\* True widths estimated at approximately 70% of intersection widths

**Recent compilation work has identified define what appears to be continuous veining over a plunge length of some 1,100 metres (3,800 feet) with historic intersections that include 112.5 g/t Au (3.28 oz/ton Au) across 1.2m on the 7<sup>th</sup> Mine Level, 39.1 g/t Au (1.14 oz/ton Au) across 1.2m on the 10<sup>th</sup> Mine Level, and 88.5 g/t Au (2.58 oz/ton Au) across 1.5m on the 13<sup>th</sup> Mine Level. MM006 intersected similar high-grade vein mineralization up dip from this previous work.** This style of mineralization is similar to that at two of the nearby mines which exist on the Hardrock Property including the Little Long Lac Mine (past production of more than 600,000 ounces of gold at an average recovered grade of 11.66 g/t Au) and the Magnet Mine (past production of more than 150,000 ounces of gold at an average grade of 14.4 g/t Au).

Importantly, the Hardrock Project has the potential for defining several styles of mineralization capable of hosting resources, with grades and widths similar to many of Ontario's major gold mines including Open pit-style mineralization with grades exceeding 1.5 g/t Au (Timmins, Hemlo), broad zones of mineralization with grades averaging 5.0+ g/t Au (Musselwhite), and narrow vein zones with higher gold grades often exceeding 7.0g/t (Red Lake, Pickle Lake). The Hardrock Project benefits from development advantages with the Trans-Canada Highway, Trans-Canada Pipeline, and major power lines running through the center of the property.

## ANNUAL GENERAL MEETING

Premier Gold Mines Limited will be hosting its Annual General Meeting of Shareholders today at 4:00pm EDT at the Toronto Board of Trade, located at 1 First Canadian Place, Toronto, Ontario. At 4:45pm, President and CEO Ewan Downie, along with other senior members of Premier management, will complete a presentation that will profile key projects, including the topics covered in this news release and future milestones. In addition, there will be a webcast of the event which can be listened to via a link from the Premier Gold Mines website.

Stephen McGibbon, P. Geo., is the Qualified Person for the information contained in this press release and is a Qualified Person within the meaning of National Instrument 43-101. Assay results are from core samples sent to Activation Laboratories, an accredited mineral analysis laboratory in Ancaster, Ontario, for analysis utilizing both fire assay and screen metallic methods.

**Premier Gold Mines Limited** is a well-financed mineral exploration and development company based in Canada, with mineral interests and deposits in Northwestern Ontario and a joint venture in Mexico. Premier has recently earned a 70% interest in the Hardrock Project, an advanced-stage gold project in the Geraldton area. In the Red Lake gold mining camp, two properties are operated in joint venture with Red Lake Gold Mines. The company's 100%-owned PQ North Property a strategic project located on the main Musselwhite Gold Mine trend.

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The statements made in this Press Release may contain forward-looking statements that may involve a number of risks and uncertainties. Actual events or results could differ materially from the Company's expectations and projections.