

Premier Expands High-Grade at San Martin and Lupita Extension

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Includes 2.9 m grading 14.02 g/t Au & 136.00 g/t Ag

THUNDER BAY, Aug. 13, 2019 - [Premier Gold Mines Ltd.](#) (TSX: PG) ("Premier", "the Company") is pleased to announce an update on its delineation core drilling program at the Company's 100%-owned Mercedes Mine, located in the State of Sonora, Mexico. This drilling has confirmed two high-grade zones at Lupita Extension at the newly discovered San Martin area. The results of this program include:

- San Martin step-out drilling expands high-grade zone
 - 2.9 m of 14.02 g/t Au & 136.00 g/t Ag (L19-422D)
 - 3.9 m of 8.41 g/t Au & 67.64 g/t Ag including 1.4 m of 16.20 g/t Au & 92.00 g/t Ag (L19-424D)
- Lupita extension continues intercepting high-grade including 4.5 m of 4.57 g/t Au & 27.07 g/t Ag (L19-414D)
- Successful delineation at Rey De Oro including 2.3 m of 18.15 g/t Au & 27.49 g/t Ag (UG-RDO19-40)

"The new discovery of high-grade mineralization at San Martin, and ongoing success at the Lupita Extension area, continue to demonstrate our ability to add to the mine life at Mercedes," commented Stephen McGibbon, Executive Vice-President. "We are very excited by the prospects for additional discoveries in the coming year".

Mercedes is an underground gold and silver mine, with production to date (2011-2018) of approximately 687,000 recoverable ounces of gold, that exploits quartz veins and quartz-carbonate stockworks within a low-sulphidation epithermal system.

Lupita Extension and San Martin Discovery

The Phase 2 infill program at Lupita Extension and ongoing drilling testing the San Martin discovery continues to expand mineralized horizons and is demonstrating continuity of the vein system to the west (Figure 2). New results are expanding high-grade areas, as well as defining their limit, which will guide the focus of future drilling (Table 1).

At San Martin, the current 120 m spaced drilling continues exploration to the north and returned 2.9 m of 14.02 g/t Au & 136.00 g/t Ag and 3.9 m of 8.41 g/t Au & 67.64 g/t Ag including 1.4 m of 16.20 g/t Au & 92.00 g/t Ag (L19-422D and L19-424D) results, expanding the higher-grade area. These new intercepts confirm the presence of a high-grade core to the area. Future drilling will test the extension of the zone to the west toward the San Martin Fault and commence infill drilling.

At Lupita extension, the high-grade zone extension to the west is confirmed by the 60 m step-outs with results including 4.57 g/t Au & 27.07 g/t Ag (L19-414D). Further step-out holes will help define its western extension and a phase 3 infill program is planned to delineate at 30 m centers, starting from the 2018 resource limits.

Results are also showing the presence of mineralization within the hanging wall of the Lupita vein, where continuity and interpretation are currently being investigated by the exploration team. Assay results from this hanging wall zone include 5.51 g/t Au & 203.00 g/t Ag (L19-419D).

Margarita Exploration

Exploration at Margarita, located 1.2 km further to the east of Lupita (Figure 1), has returned two new intercepts including 1.6 m of 1.6 g/t Au over 1.6 m and 3.51 g/t Au over 2.0 m at the Lupita vein contact projection (Table 1). Above the contact, stockwork mineralization was found, but contained no meaningful gold results. This indicates that the hydrothermal system was active in the andesite above the Lupita Fault, as was the case at Diluvio. Further exploration will be conducted before the end of the year.

Table 1 – Highlight Intercepts for Lupita area including *previously released intercepts

Hole ID	Target	From	To	Length	True Width	Au	Ag
		m	m	m	m	g/t	g/t
L19-416D	San Martin	231.7	232.7	1.0	1.0	2.10	6.00
L19-419D	San Martin - HW	190.0	194.7	4.7	4.5	5.51	203.00
	San Martin	212.1	213.5	1.4	1.4	2.19	25.86
L19-421D	San Martin - HW	165.8	167.0	1.2	1.1	2.17	28.00
	San Martin	230.1	231.5	1.4	1.4	3.29	29.90
L19-422D	San Martin	207.7	210.7	3.0	2.9	14.02	136.00
L19-424D	San Martin	223.9	227.8	3.9	3.9	8.41	67.64
Including	San Martin	225.0	226.4	1.4	1.4	14.20	92.00
*L19-400D	San Martin	197.2	204.7	7.5	7.2	4.64	30.45
L19-414D	Lupita Extension	129.3	133.9	4.6	4.5	4.57	27.07
*L19-403D	Lupita Extension	128.6	132.6	4.0	3.9	10.30	88.25
*L19-405D	Lupita Extension	121.5	126.9	5.3	5.3	4.98	35.84
*L19-408D	Lupita Extension	174.8	176.3	1.5	1.5	23.90	71.15
L19-409D	Margarita	255.2	257.2	2.0	2.0	3.51	6.00
L19-415D	Margarita	284.1	285.9	1.8	1.6	6.30	47.30

Rey de Oro Delineation

Rey de Oro deposit is located on the eastern border of a synclinal basin, at the same contact that hosts the mine main trend. As at December 31, 2018, the Rey de Oro deposit carried a mineral reserve of 374 kt @ 4.19 g/t Au for 50 koz of gold and 374 kt @ 46.51 g/t Ag for 559 koz of silver.

Recent structural compilation work and mapping have led to a more refined geological model demonstrating that Rey de Oro is composed of three principal quartz veins, with exposure on surface. A delineation and infill drilling program are underway in the southern part of the deposit. This program has highlighted good intercepts in Veins 2 and 3, highlighted by an intercept of 2.4 m of 18.15 g/t Au & 27.49 g/t Ag, as well as a stockwork connection between the main veins and the presence of a silver-rich system associated with Vein 3 (Table 2).

Table 2 – Highlight Intercepts from Rey de Oro

Hole ID	Target	From To		Length	True Width	Au	Ag
		m	m				
UG-RDO18-034	Vein 1	70.5	74.1	3.6	3.3	4.05	107.67
UG-RDO19-039	Vein 1 - 2	5.9	7.4	1.5	1.5	3.25	45.00
	Vein 3 – Silver	37.1	38.3	1.2	1.1	0.09	426.00
UG-RDO19-040	Vein 2	28.3	30.6	2.4	2.3	18.15	27.49
UG-RDO19-041	Vein 3 – Silver	47.0	47.5	0.5	0.5	0.04	363.00
UG-RDO19-043	Vein 3	78.8	83.4	4.6	3.4	3.06	56.40
UG-RDO19-044	Vein 1 - 2	53.0	54.5	1.5	1.3	4.52	29.00
UG-RDO19-045	Vein 3	92.5	97.0	4.6	3.1	4.06	56.19
UG-RDO19-047	Vein 2	84.8	86.4	1.5	1.2	6.46	33.00

Julie-Anaïs Debreil, Ph.D., 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. Mercedes assay results are from core samples sent to ALS Chemex, an accredited mineral analysis laboratory in Lima (Peru) or Vancouver (Canada), for preparation and analysis utilizing both fire assay and ICP methods. For a complete description of Mercedes's sample preparation, analytical methods and QA/QC procedures refer to the technical report for the Mercedes Mine dated April 18, 2018 (effective date December 31, 2017), entitled "Technical Report on the Mercedes Gold-Silver Mine, Sonora State, Mexico."

Premier Gold Mines Limited is a gold producer with a respected exploration and development pipeline of high-quality precious metal projects in proven, accessible and safe mining jurisdictions in Canada, the United States, and Mexico. Premier remains focused on creating a low-cost, mid-tier gold producer through its two producing gold mines - South Arturo and Mercedes - as well as mine development opportunities at McCoy-Cove in Nevada and Hardrock in Ontario.

Table 3 - Collar coordinates

UTM	Project	Hole ID	North	East	Elevation	Azimuth	Dip
			m	m	m		
NAD 27 ZONE 12	Mercedes	L19-409D	3360775	553464	1293	145	-65
	Mercedes	L19-414D	3360068	551454	1253	185	-45
	Mercedes	L19-415D	3360702	553522	1301	130	-45
	Mercedes	L19-416D	3360079	551294	1246	150	-75
	Mercedes	L19-419D	3360029	551180	1235	150	-45
	Mercedes	L19-421D	3360114	551141	1208	215	-70
	Mercedes	L19-422D	3360033	551064	1214	145	-65
	Mercedes	L19-424D	3360057	550972	1184	155	-62
	Mercedes	UG-RDO18-034	3357881	552048	1057	017	-52
	Mercedes	UG-RDO19-039	3357829	552146	1005	053	-40
	Mercedes	UG-RDO19-040	3357829	552146	1006	050	-11
	Mercedes	UG-RDO19-041	3357828	552145	1005	040	-70
	Mercedes	UG-RDO19-043	3357813	552166	1076	012	-17
	Mercedes	UG-RDO19-044	3357812	552166	1076	031	-15
	Mercedes	UG-RDO19-045	3357811	552166	1077	027	5
	Mercedes	UG-RDO19-047	3357810	552166	1077	037	5

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