Premier Expands High-Grade Mineralization at El Nino, Nevada

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Includes 39.6 m of 17.11 g/t Au

THUNDER BAY, Sept. 21, 2020 - Premier Gold Mines Ltd. (TSX: PG) (OTCPK: PIRGF) ("Premier", "the Company") is announce positive drill results from expansion drilling at the El Nino underground mine on the Company's 40%-owned S Property, located in the Carlin Trend of Nevada. The South Arturo Mine is a joint venture between Premier and Nevada LLC. These step-out drill results are part of a campaign of 25 holes (3,500 m) designed to substantially increase the ex known mineralization at depth.

Highlight intercepts from the ongoing drill program include:

- 39.6 m of 17.11 g/t Au includes 21.3 m of 24.75 g/t Au (SER20019)
- 100.6 m of 5.73 g/t Au includes 13.7 m of 8.52 g/t Au (SER20018)
- 41.1 m of 7.37 g/t Au includes 13.7 m of 11.83 g/t Au (SEC20003)
- 32.0 m of 7.65 g/t Au includes 10.7 m of 14.83 g/t Au (SER20017)

Additional results from the 2020 drilling campaign are pending.

Abbreviations used in this press release are available by following this link (click here).

"El Nino has returned excellent grade and width intercepts in 2020 that bode well for the future of the mine", stated Pete Alphen, Chief Operating Officer of Premier. "We are hopeful to see an increase in year-end reserves and resources bas these successes that will provide for an expanded mine life. The deposit remains open at depth and along strike".

The El Nino Mine is located on the northern end of the prolific Carlin Trend. As at June 30, 2020, production at El Nino had exceeded 550 tonnes per day at 8.90 g/t Au (100% basis) resulting in 11,495 ounces of production attributable to P supporting all-in sustaining costs (AISC) of $1,031 per ounce sold. Since declaring commercial production in October 2 mine has maintained strong performance.

El Nino is a Carlin-type deposit hosted in a silica-sulphide breccia within the Rodeo Creek formation at the contact with Bootstrap limestone. Exploration drilling in 2020 is testing the down-plunge extent of mineralization at intersections of fa structures, where high-grade ore often resides. To-date, the results of this campaign (see Table 1 and Figure 1) indicat body remains open to the east and along strike north and south.

The 2020 program at El Nino includes both in-fill and step-out drilling from underground drill stations proximal to existin areas and at depth. The irregularly shaped mineralization mapped from mining excavations suggests true widths are lik 80% of the lengths summarized in Table 1. The intercept summarized for hole SER20025 may be tracing sub-parallel t structure.

Additional drilling is currently underway at targets proximal to the proposed Phase 1 and Phase 3 pit projects and result expected to be received in the fourth quarter. Following the 2020 campaign, a revised mineral resource estimate will be

Table 1 – 2020 Drill Results from El Nino

Hole ID	Type	From m	To m	Length m	Au g/t	Length ft	Au oz/ton
SEC20003	Core	54.9	62.5	7.6	7.99	25.0	0.23
	and	70.1	111.3	41.1	7.37	135.0	0.21
	including	77.7	91.5	13.7	8.52	45.0	0.35
SER20006	RC	89.9	105.2	15.2	5.37	50.0	0.16
SEC20007	Core	131.1	155.4	24.4	5.47	80.0	0.16
	including	131.1	135.6	4.6	11.36	15.0	0.33
SER20012	RC	45.7	53.3	7.6	4.61	25.0	0.13
SER20016	RC	50.3	54.9	4.6	8.44	15.0	0.25
SER20017	RC	50.3	82.3	32.0	7.65	105.0	0.22
	including	54.9	65.5	10.7	14.83	35.0	0.43
SER20018	RC	50.3	150.9	100.6	5.73	330.0	0.17
	including	86.9	100.6	13.7	8.52	45.0	0.25
SER20019	RC	80.8	120.4	39.6	17.11	130.0	0.50
	including	91.4	112.8	21.3	24.75	70.0	0.72
SER20021	RC	82.3	88.4	6.1	8.34	20.0	0.24
SER20024	RC	0.0	7.6	7.6	7.88	25.0	0.23
SER20025	RC	0.0	45.7	45.7	6.79	150.0	0.20
	including	16.8	25.9	9.1	10.13	30.0	0.30

Table 2 – Collar coordinates

UTM	Project	Hole ID	North m	East m	Elevation m	Azimuth	Dip
NAD83 ZONE 11	El Nino	SEC20003	4543557	549463	1480	213	-66
	El Nino	SEC20006	4543498	549512	1479	172	-71
	El Nino	SEC20007	4543499	549514	1479	146	-78
	El Nino	SER20012	4543508	549453	1484	165	-88
	El Nino	SER20016	4543508	549453	1484	300	-72
	El Nino	SER20017	4543508	549453	1484	314	-73
	El Nino	SER20018	4543508	549453	1484	356	-80
	El Nino	SER20019	4543500	549512	1479	012	-88
	El Nino	SER20021	4543498	549512	1479	181	-45
	El Nino	SER20024	4543368	549399	1483	094	01
	El Nino	SER20025	4543361	549398	1483	109	01

Premier Gold Mines Ltd. is a gold-producer and respected exploration and development company with a high–quality pipeline of precious metal projects in proven, accessible and safe mining jurisdictions in Canada, the United States, and Mexico.

Stephen McGibbon, P. Geo., Executive Vice President, Corporate and Project Development, 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. The primary assay laboratories for the South Arturo Mine are ALS Chemex Labs (ALS Chemex) and American Assay Labs (American Assay) in Reno, Nevada. For a complete description of sample preparation, analytical methods and QA/QC procedures, refer to the technical report dated March 26, 2018 (effective date December 31, 2017), entitled "Technical Report on the South Arturo Mine, Elko County, State of Nevada, USA" located on Premier's website and at www.sedar.com.

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