Premier Expands High-Grade Mineralization at Hasaga in Red Lake

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Includes 13.0 m of 12.05 g/t Au contained within 38.8 m of 4.93 g/t Au

THUNDER BAY, Sept. 10, 2020 - Premier Gold Mines Ltd. ("Premier", "the Company") (TSX:PG) (OTCPK:PIRGF) is p
report exploration progress on the Company's 25,000 m drilling campaign at its 100%–owned Hasaga Project in
Ontario. The Hasaga Project, located contiguous with Pure Gold Mining's Madsen Project (1 million ounces of high-gra
reserves earmarked for Q4 2020 production), and is host to an important 2017 discovery that includes high-grade mine
with true widths up to 30 m that remains open for expansion. The Epp-C and Epp-D zones represent priority targets to
next generation of mineral resources with highly attractive attributes for potential mine development.

Highlights from the 2020 exploration campaign include:

- The Epp-C zone has been extended at least 150 m to the west and 60 m to the east with respectively
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    - 13.0 m of 12.05 g/t Au contained within 38.8 m of 4.93 g/t Au (HMP192)
    - 4.2 m of 9.23 g/t Au contained within 9.6 m of 4.71 g/t Au (HMP185W2)
- The Epp-D is still wide open laterally and at depth and highlighted mineralization continues with:
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    - 13.8 m of 6.04 g/t Au contained within 45.5 m of 2.11 g/t Au (HMP186W1)
    - 16.5 m of 2.52 g/t Au (HMP186)
- The Hasaga Porphyry, main host of the mineralization was intercepted 600 m west of the known zone and return
  2.49 g/t Au and 4.0 m of 2.25 g/t Au (HMP191)
- The Buffalo mineralization was drilled 300 m east of the known Buffalo zone with visible gold and an overall interc
  of 3.52 g/t Au (HMP193)

The mineralized underground zone was newly renamed "Epp Zone", in memory of Mark Epp, senior geologist who spe
his career in the Red Lake mining camp. Abbreviations used in this press release are available by following this link (cli

The Red Lake Mining District remains Canada's pre-eminent jurisdiction for high-grade gold that includes a series of im
century discoveries. The Hasaga Property is host to the past-producing Hasaga, Buffalo and Goldshore Mines and is c
being evaluated as a potential analogue to Pan American Silver's Timmins West Mine. Previous drilling campaigns sug
underground mineral deposit with significant widths and predictable continuity. Premier has earmarked some $4M for 2
exploration and initial delineation drilling in 2020 to support an updated mineral resource estimate for the property. To d
18 holes and 18,000 m have been drilled with very encouraging results in all target areas. In addition, initial drilling has
conducted further west of these targets in an area that remains significantly underexplored. Additional results are pendi

Figure 1 – Longitudinal section looking NW

Hole HMP192, which hosts an intercept grading 12.05 g/t Au over 13.0 m, is the most important result received to date
a 300 m gap between the historically mined B-Zone at Hasaga and the Epp-C Zone that warrants additional drilling and
has very positive implications for the resource estimate being planned at the end of the 2020 drill program.

"This drilling campaign is confirming the considerable potential of this property, located in the heart of one of the world's
respected high-grade gold camps", commented Stephen McGibbon, Premier's Executive Vice-President. "All target are
open for expansion. Importantly, the results in HMP-192 suggest the core of the high-grade Epp-C zone may grow subs

Epp-C Expansion Results

Past exploration has sought to understand the western extension of the structure that hosts the Howey and Hasaga Mi
Previous drilling completed by Premier in 2017 discovered high-grade intercepts grading 54.0 m of 10.94 g/t Au (HMP1
50.0 m of 9.19 g/t Au (HMP164) with mineralization characteristic of the Hasaga Mine. Subsequent infill drilling improve
of the mineralization. This year, the potential extension of the Epp-C was tested toward the Hasaga Mine and hole HMF
located 200 m east of HMP151 and some 140 m outside the Epp-C footprint, hosted 13.0 m of 12.05 g/t Au contained w
m of 4.93 g/t Au. Visible gold has been noted in a 1.0 m sample grading 118.00 g/t Au. This trend is still open for expan
the balance of the drilling program will focus around the historic Hasaga Mine workings to delineate resources proximal
historic mine workings.

The western extension of the Epp-C returned 4.2 m of 9.23 g/t Au included within 9.6 m of 4.71 g/t Au (HMP185W2). Th
60 m west of HMP176W3 that returned 39.0 m of 5.69 g/t Au. The Epp-C also remains open at depth.

Figure 2 – Epp-C zone extension and potential looking NW

Epp-D and West Target Results

The Epp-D zone is a broad mineralized zone with similarities to mines such as Agnico's Goldex Mine in Quebec and re prospective target for future drilling. Previous drilling in holes HMP161 (500 m step-outs along strike from the Epp-C Zo intersected respectively 181.0 m of 1.21 g/t Au including narrower higher-grade intervals. The Epp-upper D drilling inter m of 9.55 g/t Au (HMP162). Infill drilling from the current exploration program has successfully expanded the Epp-D Zo which remains open to the west and at depth. These results include 13.8 m of 6.04 g/t Au contained within 45.5 m of 2. (HMP186W1).

The West Target area, which corresponds to the mineralized corridor between the Epp-D Zone and the Buffalo Mine, w evaluated with a limited drilling and resampling program that has improved Premier's understanding of the controls on mineralization. The Hasaga porphyry, main host of the Epp zones, was intercepted in HMP191, in a 600 m step out we main trend. It returned 13.1 m of 2.49 g/t Au and 4.0 m of 2.25 g/t Au in two distinct intervals. This exciting result opens potential high-grade mineralization to a 1,500 m trend of mineralized Hasaga Porphyry.

The extension of the Buffalo Mine at depth was tested and returned 5.9 m of 3.52 g/t Au (HMP193), proving a potential of the known surface mineralization at depth with mineable width and good grade.

Table 1 – Main intercepts from 2020 drilling campaign

Hole ID	Comment	From m	To m	Length m	True Length m	Au g/t
Epp-C						
HMP155W1	Epp-C	848.0	859.8	11.8	5.0	2.67
HMP185	Epp-C	975.0	980.5	5.5	3.0	2.76
	Epp-C2	1075.3	1078.0	2.7	1.8	3.61
HMP185W1	Epp-C	919.0	920.0	1.0	0.8	2.17
HMP185W2	Epp-C	905.0	914.6	9.6	6.9	4.71
	Including	905.0	909.2	4.2	3.0	9.23
	Epp-C2	949.1	962.0	12.9	7.4	2.94
	Including	957.0	962.0	5.0	3.7	5.43
HMP191	Epp-C	431.1	444.2	13.1	9.9	2.49
	Including	431.1	432.0	0.9	0.8	21.8
	Epp-C2	685.0	689.0	4.0	3.3	2.25
HMP192	Epp-C	709.6	767.6	58.0	38.0	3.52
	Including	746.0	759.0	13.0	8.5	12.05
HMP194	Epp-C	862.0	862.6	0.6	0.5	6.46
Epp-D						
HMP186	Epp-D	1570.5	1587.0	16.5	9.7	2.52
	Including	1576.8	1578.0	1.2	0.9	5.82

HMP186-W1	Epp-D	1129.4	1174.8	45.5	35.1	2.11
	including	1161.0	1174.8	13.8	8.9	6.04
HMP186-W2	Epp-D	1091.1	1094.9	3.8	2.7	2.58
	Epp-D	1113.0	1189.8	76.8	55.4	1.02
	Including	1129.6	1132.1	2.5	1.8	3.03
	and	1149.0	1152.0	3.0	2.2	2.35
	and	1176.2	1179.9	3.7	2.7	4.22
	and	1187.0	1189.8	2.8	2.0	3.94
HMP187	Epp-Upper D	809.0	811.0	2.0	1.3	3.22
HMP187-W1	Epp-Upper D	815.8	824.7	8.9	6.7	1.48
Western extension						
HMP193	Buffalo ext	802.7	808.5	5.9	4.6	3.08
HMP188	Epp-West	682.2	684.0	1.8	1.6	1.51
HMP189	Epp-West	991.1	999.0	7.9	6.2	2.42
	Including	991.1	992.5	1.4	1.1	9.08

Hasaga's current mineral resource estimate, completed in early 2017, hosts over 1.1 million ounces of gold of Indicated material and 0.6 million ounces of gold of Inferred material. The mineralization is potentially open-pitable. The 2020 drill program will seek to add higher-grade, potentially underground mineable resources on the property.

Table 2 – Collar Coordinates

Project	Hole ID	North m	East m	Elevation m	Azimuth	Dip
HASAGA	HMP155w1	5651658	441019	385	140	-80
HASAGA	HMP185	5651059	441380	381	331	-74
HASAGA	HMP185-W1	5651059	441380	381	331	-74
HASAGA	HMP185-W2	5651059	441380	381	331	-74
HASAGA	HMP186	5650905	441107	365	320	-75
HASAGA	HMP186-W1	5650905	441107	365	320	-75
HASAGA	HMP186-W2	5650905	441107	365	320	-75
HASAGA	HMP187	5651016	441274	386	321	-69
HASAGA	HMP187-W1	5651016	441274	386	321	-69
HASAGA	HMP188	5650682	440803	390	331	-57
HASAGA	HMP189	5650704	440887	368	337	-68
HASAGA	HMP191	5650525	440515	390	333	-56
HASAGA	HMP192	5651246	441602	383	340	-70
HASAGA	HMP193	5650318	440403	369	326	-58
HASAGA	HMP194	5651312	441809	374	336	-73

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.

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. Assay results are from core samples sent to Activation Labs, an accredited mineral analysis laboratory in Thunder Bay, Ontario, for preparation and analysis utilizing both fire assay and screen metallic methods. For a complete description of Premier's sample preparation, analytical methods and QA/QC procedures refer to the technical report for the Hasaga Project dated February 24, 2017 (effective date December 30, 2016), entitled "National Instrument 43-101 Technical Report: Hasaga Project, Red Lake Mining District, Ontario, Canada" located on Premier's website and at www.sedar.com.

This Press Release contains certain information that may constitute "forward-looking information" under applicable Canadian securities legislation. Forward-looking information includes, but is not limited to, statements about strategic plans, including future operations, future work programs, capital expenditures, discovery and production of minerals, price of gold and currency exchange rates, mineral resource and mineral reserve estimates and corporate and technical objectives. Forward-looking information is necessarily based upon a number of assumptions that, while considered reasonable, are subject to known and unknown risks, uncertainties, and other factors which may cause the actual results and future events to differ materially from those expressed or implied by such forward-looking information, including the risks inherent to the mining industry, adverse economic and market developments and the risks identified in Premier's annual information form under the heading "Risk Factors". There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, readers should not place undue reliance on forward-looking information. All forward-looking information contained in this press release is given as of the date hereof and is based upon the opinions and estimates of management and information available to management as at the date hereof. Premier disclaims any intention or obligation to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as required by law.

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