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## **Golden Predator Drilling Extends Major Gold-Bearing Structure at 3 Aces Project, Yukon; *Continuity Confirmed 500m Down Dip and 220m Along Strike***

Vancouver, BC, January 21<sup>st</sup>, 2019: Golden Predator Mining Corp. (TSX.V:GPY, OTCQX:NTGSF) (the “Company”) today announced results of the 2018 drill program in the Central Core Area at the 3 Aces Project in southeast Yukon, Canada, which was completed to test for extensions of the high grade structures outcropping in the Hearts Zone. Seven HQ diamond drill holes consistently intercepted two parallel, closely spaced gold-bearing structures along 220m of strike and 500m down dip from the Hearts discovery outcrop. This was the deepest drilling to date on the project and the structures in the Hearts Zone continue to be open in all directions along strike and at depth.

Golden Predator Executive Chairman William Sheriff commented: “Confirming the continuity and mineralization of the structures down dip and on strike, right where we projected them to be, is a game-changer in terms of demonstrating the size potential of the 3 Aces Project. It is now clear that the high grade surface outcrops previously discovered in the Central Core Area are not isolated occurrences but rather expressions of a much larger system, which significantly expands the potential at 3 Aces.”

To view 3 Aces property and drill location maps:

<http://www.goldenpredator.com/resources/news/GPY-NR18-01-Hearts-Drilling-Maps.pdf>

All seven drill holes cut the structures where they were expected and reported excellent widths of gold mineralization with localized high grades. This drilling confirms that 3 Aces Project structures have persistent lateral and vertical continuity and that these structures likely account for other high grade surface outcrops exposed along the 4.5km long Hearts-Clubs corridor and elsewhere within the 13.5 km<sup>2</sup> Central Core Area.

### **Hearts Drill Program**

The exploration drilling program was conceived as a first pass lateral and down dip test of the gold bearing structures that crop out at the Hearts discovery. Drill collars were off-set along strike for 220m of the Hearts Zone towards the Spades Zone to the east. The projection of these moderately-dipping structures was tested at various depths to 500m down dip from the Hearts discovery. Intersections of gold-bearing

structures were encountered at the predicted locations in each of these drill holes, confirming both lateral and vertical continuity. These higher grade parallel structures lie within thick envelopes of anomalous gold mineralization.

This 2,600m drill program was designed to find extensions of the structures in the Hearts Zone and determine if they were mineralized. Relatively small diameter HQ drill tools (58.5 mm in diameter) were used to maximize the number of intersections. At surface, the Hearts discovery outcrop assays above 30 grams per tonne and samples contain abundant coarse gold. Gold values were obtained from the widely-spaced split HQ core in the 2018 program, however, they only provide an initial assessment of the gold present within the mineralized structure due to the small sample volumes. The larger the sample, the more precise the grade estimate, as we have demonstrated in past drilling and in our ongoing bulk sampling in the Spades Zone. Assay results from larger diameter PQ core, reverse circulation drilling and bulk sampling generate considerably larger sample volumes and produce more reliable grade estimates than split HQ drill core that has a much smaller sample volume. Golden Predator will continue to use HQ core to explore for and confirm continuity of mineralized structures at depth and along strike but will rely on larger diameter PQ core and reverse circulation (RC) in-fill drilling for grade determination within the structures.

Composite results from the down dip drill test of the Hearts Zone are:

Hole ID <sup>1</sup>	From (m)	To (m)	Thickness <sup>2</sup>	Gold g/t <sup>3</sup>
3A18-347	213.02	227.65	14.63	0.71
<i>incl.</i>	<i>213.02</i>	<i>218.21</i>	<i>5.19</i>	<i>1.60</i>
and	230.00	244.23	14.23	0.50
<i>incl.</i>	<i>234.34</i>	<i>236.50</i>	<i>2.16</i>	<i>2.33</i>
3A18-349	287.67	305.50	17.83	0.94
<i>incl.</i>	<b>294.50</b>	<b>295.43</b>	<b>0.93</b>	<b>7.56</b>
and	314.24	328.68	14.44	0.84
<i>incl.</i>	<i>316.85</i>	<i>324.00</i>	<i>7.15</i>	<i>1.35</i>
3A18-350	219.50	241.75	22.25	0.57
<i>incl.</i>	<b>225.90</b>	<b>226.44</b>	<b>0.54</b>	<b>8.30</b>
and	249.61	255.85	6.24	1.21
<i>incl.</i>	<i>252.13</i>	<i>254.05</i>	<i>1.92</i>	<i>3.56</i>
3A18-351	175.00	203.50	28.50	0.93
<i>incl.</i>	<i>175.00</i>	<i>177.50</i>	<i>2.50</i>	<i>3.09</i>
<i>incl.</i>	<b>175.00</b>	<b>175.55</b>	<b>0.55</b>	<b>6.35</b>
<i>and incl</i>	<i>196.40</i>	<i>202.50</i>	<i>6.10</i>	<i>2.31</i>
and	220.30	248.50	28.20	0.74
<i>Incl.</i>	<i>228.58</i>	<i>239.72</i>	<i>11.34</i>	<i>1.15</i>
3A18-352	115.35	145.50	30.15	0.83
<i>incl.</i>	<b>122.50</b>	<b>126.00</b>	<b>3.50</b>	<b>4.31</b>
<i>incl.</i>	<b>125.00</b>	<b>126.00</b>	<b>1.00</b>	<b>11.55</b>
and	203.00	216.40	13.40	2.88
<i>incl.</i>	<b>210.65</b>	<b>216.40</b>	<b>5.75</b>	<b>6.56</b>

<i>incl.</i>	<b>211.65</b>	<b>212.50</b>	<b>0.85</b>	<b>31.52</b>
<i>and incl.</i>	<b>214.50</b>	<b>215.00</b>	<b>0.50</b>	<b>14.77</b>
3A18-353	272.65	296.32	23.67	1.06
<i>incl.</i>	275.20	284.00	8.80	2.37
<i>incl.</i>	<b>279.65</b>	<b>280.78</b>	<b>1.13</b>	<b>13.05</b>
and	302.72	310.00	7.28	0.63
<i>incl.</i>	305.73	308.13	2.40	1.29
3A18-354	235.00	272.50	37.50	0.64
<i>incl.</i>	259.00	267.10	8.10	1.88
<i>incl.</i>	<b>261.00</b>	<b>263.00</b>	<b>2.00</b>	<b>6.26</b>

<sup>1</sup>Significant intervals are length weighted average grades chosen based on continuity of mineralization and gold grade with composite grade exceeding 0.5 g/t gold.

All holes were HQ core holes cut in half for sample submission

<sup>2</sup>All intervals are reported as drilled thicknesses; true thicknesses are estimated to be 90-100% of drilled thicknesses.

<sup>3</sup>Reported Au assay grade sourced from SGS using SGS\_GO\_FAA 505 method.

A key observation from this drill program is that the high-grade intercepts are surrounded by broad envelopes of lower grade gold. This observation was not available to GPY during earlier drill programs exploring other high grade structures that crop out in the 13.5 km<sup>2</sup> Central Core Area. These low grade envelopes reliably signal that high-grade gold values will likely be encountered with additional closer-spaced drilling along mineralized structures within the low grade envelope. In the case of the Hearts Zone, GPY believes that the presence of the broad envelopes of mineralization surrounding the gold bearing structures suggest grade enhancement is likely with closer-spaced drilling. Utilizing this observation, GPY can now re-evaluate results from previous programs, like the Clubs Zone, to ensure that the drilling fully tested the target potential.

### 3 Aces Project, Yukon

The 3 Aces Project is an orogenic gold target covering 357 km<sup>2</sup> (35,700 ha) in southeast Yukon. The Company has to date focused exploration on the 13.5 km<sup>2</sup> Central Core Area, a broad gold-in-soil anomaly, where numerous orogenic gold-bearing quartz veins have been discovered. Exploration over the past two years has systematically advanced the project by establishing: (1) high gold grades can be reliably sampled; (2) gold mineralization is in predictable stratigraphic structural locations; and (3) gold grades have robust continuity within the recognized controlling features. Results support a stratigraphic structural model that predicts extensive lateral and vertical continuity of the 3 Aces mineral system. Orogenic gold deposits are among the world's largest and richest such as the California Mother Lode Belt and the Juneau Gold Belt.

### Sampling Methodology, Quality Control and Assurance

All analyses for the drill samples were performed by SGS Canada, Inc. with sample preparation in Whitehorse, YT and Burnaby, BC, and assaying in Burnaby, BC. Drill samples were analyzed for gold using a 50 gram fire assay with atomic absorption finish (GO FAA505) or gravimetric finish (GO FAG505) on over

limit results (>100 g/t gold). Quality control standards include standard reference material, certified blank and field duplicate samples in every sample dispatch.

The technical content of this news release has been reviewed and approved by Jeff Cary, CPG, a Qualified Person as defined by National Instrument 43-101 and Project Geologist for the 3 Aces Project.

### **Golden Predator Mining Corp.**

Golden Predator Mining Corp. is a gold exploration company focused on advancing key projects with significant exploration upside, good infrastructure and community support. The Company is actively advancing the Brewery Creek Project, Yukon, a past-producer with a 2014 Preliminary Economic Assessment prepared in accordance with NI 43-101. At 3 Aces Project, the high grade orogenic gold project with visible gold at surface shows structural continuity at depth. Bulk sampling and processing at the 50 tpd Company-owned processing plant has demonstrated gold recoveries of over 85% using a chemical-free process. This green gold provides for the production of .9999 gold coins from the Yukon Mint, a wholly-owned subsidiary of Golden Predator.

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