



NEWS RELEASE

TSX.V: GPY

September 12th, 2017

NR 17-21

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Golden Predator Pours Gold Bar; Intersects 19.3m of 16.15 g/t Gold at 3 Aces Project

Vancouver, BC, September 12th, 2017: Golden Predator Mining Corp. (TSX.V: GPY; OTCQX: NTGSF) (the “Company” or “Golden Predator”) is pleased to announce that it has poured a 744 troy ounce gold doré bar from the #1 table concentrate of its initial 776 metric tonne bulk sample. The Company also announces results of the remaining 10 holes at the Ace of Spades. Subsequent drilling began on the northerly extension of the Hearts zone in August and on the newly discovered gold in quartz veins at the Diamonds zone in September.

Significant results include:

- Hole 3A17-143: **19.3 m of 16.15* g/t gold, including 4.30 m of 42.37* g/t gold;**
- Hole 3A17-149: **1.50 m of 24.67 g/t gold;**
- Hole 3A17-157: **4.2 m of 20.04 g/t gold;**
- Hole 3A17-147: **2.5 m of 15.51* g/t gold, and 3.5 m of 21.44* g/t gold** (Grade Verification)

Intervals reported with an asterisk () include results from 50g Fire Assay. These intervals have been submitted for Metallic Screen Analysis, which are pending.*

Complete location maps can be found on the Company’s website at:

http://goldenpredator.com/resources/maps/3Aces_Maps_Spades_Update_20170912.pdf

Interim Bulk Sample Results

Final processing of the initial 776 metric tonne bulk sample was completed earlier this year. In addition to the 744 troy ounce bar just poured, the Company has arranged shipment of 86.4 kg of the #2 concentrate and over 1 metric tonne of the #3 concentrate to Sipi Metals in Chicago, Illinois, USA. Settlement is due within 60 days at which time a full reconciliation of the metal content of the

bulk sample will be released including the original 96.72 troy ounce doré bar poured and sold in 2016¹. The original doré bar contained 85% fine gold and 8% fine silver.

Ace of Spades and Jack of Spades Drilling

Results of the remaining 10 holes reported from the recently completed diamond drilling at the Ace and Jack of Spades Zones have continued to confirm structural continuity throughout the zone. Importantly, hole 3A17-160 which intercepted 35.0 g/t gold from 168.0 to 169.0m, was drilled to offset a previously reported intercept of 22.20 g/t gold across 0.7m in hole 3A17-110 which was 150 m from the main mineralization at the Ace of Spades². These two intercepts occur along a newly recognized vein projecting towards the Seven of Spades. Holes 3A17-143, 3A17-149, 3A17-151, 3A17-153, and 3A17-157 to 3A17-160 complete the in-fill drill program across the Ace/Jack Spades zone. Hole 3A17-147 was drilled to verify previous Ace Spades RC drill results and to acquire representative core through the mineralized vein. All ten holes encountered significant mineralization.

Significant Drill Results Table – Spades Zone

Hole ID ¹	Sample Type ²	From (m)	To (m)	Drilled Width (m) ³	Au g/t ⁴
3A17-143	DD	12.70	32.00	19.30	16.15*
<i>including</i>	DD	12.70	17.00	4.30	42.37*
<i>including</i>	DD	19.50	23.50	4.00	22.01
<i>including</i>	DD	29.50	30.65	1.15	11.28
3A17-149	DD	11.50	13.00	1.50	24.67
3A17-151	DD	6.50	8.50	2.00	3.28
3A17-153	DD	23.00	25.00	2.00	10.35
3A17-157	DD	19.00	23.20	4.20	20.04
3A17-158	DD	22.00	25.00	3.00	3.46
3A17-159	DD	21.50	23.00	1.50	5.03*
3A17-160	DD	168.00	169.00	1.00	35.00*
3A17-161	DD	19.40	20.85	1.45	3.25*
and	DD	26.50	29.50	3.00	5.82*
3A17-147	DD-GV	13.00	15.50	2.50	15.51*
and	DD-GV	18.50	22.00	3.50	21.44*
and	DD-GV	25.00	26.00	1.00	3.19*
and	DD-GV	38.50	39.60	1.10	7.76*

¹Drilled intervals assaying ≥ 3.0 g/t gold are reported in table as significant results;

¹ Golden Predator Press Release dated August 18, 2016

² Golden Predator Press Release dated May 30, 2017

- 3A17-143's significant results from 12.70m to 32.00m include 10 sample intervals totaling 6.25m averaging 1.24* g/t Au between 13.50m and 31.40m
- 3A17-147's significant results from 25.00m to 26.00m include 0.50m of 2.74* g/t Au at 25.50m
- 3A17-158's significant results from 22.00m to 25.00m include 1.70m of 2.91 g/t Au at 23.30m
- 3A17-161's significant results from 26.50m to 29.50m include 1.50m of 2.75* g/t Au at 28.00m

²Sample Type 'DD' and 'DD-GV' represent ½ sawn, or ¼ sawn for duplicate, 3.35" (85mm) PQ core.

³All intervals are reported as drilled thicknesses; true thicknesses are estimated to be 50-100% of drilled thicknesses

⁴Reported Au assay grade sourced from ALS using Au-SCR24B method (* indicates finalized Au-AA26 results are used)

3 Aces Project, Yukon

The 3 Aces Project consists of 1,734 claims covering 357 km² (35,700 hectares) in southeast Yukon. The Project is located along the all-season Nahanni Range Road that was recently announced as being a part of the \$360 million Federally and Yukon funded, Yukon Resource Gateway Project. The 3 Aces Project has numerous mineralized veins discovered through sampling, trenching, roadwork and drilling. These veins occur across many well-mineralized zones and over 762 m (2,500 feet) of elevation change within the 11km² Central Core area. Within the Central Core area, the Company has built over 18 km of exploration roads since 2016, and plans an additional 3 km for the remainder of the year.

Previous exploration work by Golden Predator, beginning in 2015, has included mapping, sampling, trenching, metallurgical studies, rotary air blast (RAB) drilling, RC drilling, diamond drilling and bulk sampling, all focused on establishing reproducible gold grades and continuity of the numerous gold in quartz veins discovered on the property. Extensive drilling in the Spades and Hearts Zones has returned high grade vein intercepts such as 13.1 m of 16.75 g/t gold³ and 13.75 m of 65.31 g/t gold; 16.2 m of 20.5 g/t gold and 8 m of 50.4 g/t gold⁴. Additional new discoveries have been announced in the Clubs and Diamonds Zones and the Company is currently focused on an aggressive drill program that is well underway, and is expected to continue through November.

The 3 Aces Project is in the traditional territory of the Kaska Nation. Golden Predator operates under an Exploration Agreement with the Kaska Nation, as represented by the Ross River Dena Council and the Liard First Nation, and a Class 4 Mining Land Use Permit issued by the Yukon Government.

Sampling Methodology, Quality Control and Assurance

All analyses for the drill samples from the program were performed by ALS with sample preparation in BC, Kamloops, BC and assaying in Lima, Peru, Vientiane, Laos, or North Vancouver, BC. Drill samples were analyzed using a 50 g fire assay with atomic absorption finish (Au-AA26). If the procedure returned a value of 2.0 g/t gold or greater it is re-run using a 2kg screen metallic gold method (Au-SCR24). Refer to the Company's news release dated July 10th, 2017 for a complete discussion of sampling methods, quality control and assurance.

³ Golden Predator Press Release dated March 16, 2017

⁴ Golden Predator Press Release dated August 9, 2017

The technical content of this news release has been reviewed and approved by Mark C. Shutty, CPG, a Qualified Person as defined by National Instrument 43-101 and an employee of the Company.

Golden Predator Mining Corp.

Golden Predator Mining Corp. is a well-financed gold exploration company focused on its 3 Aces Project in Canada's Yukon. The large land package includes at least 6 mineralized areas, all located within and along favorable stratigraphic and structural zones that extend over 35km along trend. The 2017, 40,000m drill program is focused on the year-round road and bridge accessible 11 km² Central Core Area, host to numerous high-grade gold in quartz veins. The Company also holds 100% of the Brewery Creek Project. The Yukon projects are in a low-risk jurisdiction, and with proven management and an experienced technical team, the Company is well positioned for stable growth.

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