### Advancing the Fully Licensed Brewery Creek Mine Towards Production



CORPORATE PRESENTATION October 2019

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### **Corporate Mandate**



Mandate: Advancing the FULLY LICENSED Brewery Creek Mine Towards Production in Canada's Yukon.

### Capital and Operating Costs along with Sensitivities to Gold Price<sup>(1)</sup>

Gold Price CAD \$/oz	\$1363 CAD	\$1,499 CAD	\$1,635 CAD
Pre-Tax NPV 5% USD (\$000)	\$45,658	\$80,091	\$114,524
Pre-Tax IRR	22%	34%	45%

Gold Price  $\frac{1}{520}$  USD Gold Price =  $\frac{2}{2024}$  CAD<sup>(4)</sup>

\*The PEA is preliminary in nature and it includes Inferred mineral resources that are considered too speculative to be used in an economic analysis except as allowed for by Canadian Securities Administrator's National Instrument 43-101 in PEA studies. There is no guarantee that the Inferred mineral resources can be converted to Indicated or Measured mineral resources, and as such, there is no guarantee the project economics described in this presentation will be achieved.

TSX.V: GPY | OTCQX: NTGSF

#### GOLDEN PREDATOR CORPORATE PRESENTATION

### **Corporate Assets**



### Brewery Creek Mine – Yukon

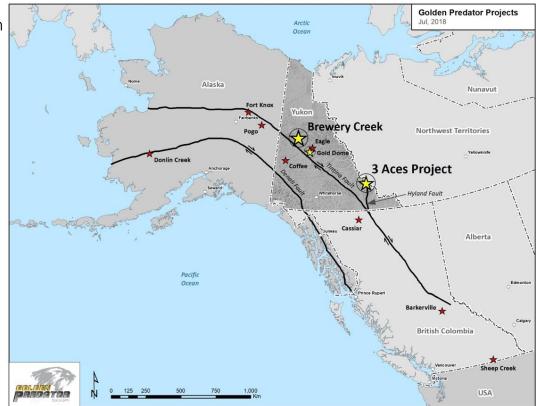
- Gold mine licensed for an immediate resumption of mining activities; site work commenced, existing infrastructure
- Drilling and optimization studies underway to upgrade and expand known resources and optimize project economics

#### 3 Aces Project – Yukon

• District-scale potential, visible gold at surface, structural continuity at depth

### Other Assets

- 1<sup>st</sup> Yukon test plant 50 tpd plant demonstrating cyanide free processing in closed system
- Yukon Mint producing Yukon gold coins featuring First Nation artists



# **Share & Capital Structure**



### Market Capitalization

### \$53,323,464 CDN

@ \$0.34

Shares Issued and Outstanding 156,833,720

**Stock Options** 7,965,000

Warrants Outstanding 6,443,947

Fully Diluted Shares 171,292,667

As of September 27, 2019

Prominent Shareholders (50%+)

- William and Janet Sheriff
- Eric Sprott
- Pat DiCapo (Power One Capital Markets)
- McEwen Mining Inc.
- CIBC Private Wealth
- Albert Friedberg (Friedberg Mercantile Group)

3 Aces gold bar

# **Board of Directors**



William M. Sheriff	Entrepreneurial geologist, fundraiser, major shareholder, co- founded and sold Energy Metals Corporation to Uranium One for \$1.8 billion
Richard Goldfarb	Globally recognized expert on orogenic gold deposits.
William Harris	Previously served at C level positions in several Fortune 500 firms
Stefan Spears	Vice President of McEwen Mining; featured as the Mining Journal's "Mining's Future Leaders" (2016)
Tony Lesiak	Currently the Senior Advisor, Investment Banking at Canaccord Genuity Corp. (Canada)
Bradley Thiele	Professional Engineer with over 45 years of industry experience including moving the Meadowbank Mine into production

William Sheriff at 3 Aces

## **Exploration Management Council**



Expertise in the geology, structure and gold deposits of the Northern Cordillera (Pacific NW of North America)

**Richard (Rich) J. Goldfarb, Ph.D.** Globally recognized authority on orogenic gold deposits

**Craig J.R. Hart, Ph.D., FSEG, FGAC.** Director of the Mineral Deposit Research Unit (MDRU) at the University of British Columbia (UBC)

#### Lance Miller, Ph.D.

With over 30 years in the minerals industry, currently serves as Vice President of Natural Resources for NANA Regional Corporation, an Alaska Native Corporation

#### William (Bill) E. Threlkeld, MSc, PG

Currently the Senior Vice President-Exploration for Seabridge Gold Inc.

#### Michael Redfearn, P.Eng.

Over 40 years of experience including Bureau Veritas, Cantung Mine, Sullivan Mine, Trail Operations, Red Dog Mine and El Brocal Mine



Above: Richard Goldfarb at 3 Aces

### Management Team





Janet Lee-Sheriff | Chief Executive Officer Greg Hayes, CPA | Chief Financial Officer Michael Maslowski | Chief Operating Officer Jeff Cary, M.Sc. CPG | Project Geologist Robin Fraser | Mining & Metallurgy James Hesketh, M. Sc. MMSA| Engineering





# **Mutually Beneficial Agreements**

- Innovative progressive company with strong community relationships, shared opportunities
- Tr'ondëk Hwëch'in Socio Economic Accord (SEA) Brewery Creek Mine – Technical Advisory Committee
- First Nation business development, service and supply contracts- through Technical Advisory Committee



- 50% First Nation employment at Brewery Creek and 3 Aces
- 50%
  expenditures
  spent in Yukon
  communities
- 90% labour retention on Yukon projects



# **Progressive Community Relations**



#### Elders in Residence Program & Kaska Videos

- Support learning and understanding, promote cultural awareness and share wisdom and teachings; PDAC Aboriginal Forum Presenters
- Recipient of Arctic Indigenous Investors '2019 Industry Innovator Award'
- Mary Caesar Kaska Elder recipient of the Canadian Women in Mining 2019 'Canadian Indigenous Trailblazer Award'

#### Brewery Creek Bee Project

Training & education opportunity, community cottage industry



2018: Elders-in-Residence Program at 3 Aces

## 2019 Work Plan



#### **Brewery Creek Project**

- Bulk sampling of heap leach pad with detailed column leach testing to optimize crush size for reprocessing
- Extensive RC drilling program to upgrade inferred resources to indicated category, expand known areas of mineralization and begin testing new areas
- Commence earthworks for permitted heap leach expansion, fully permitted camp expansion and roadworks
- Conduct optimization studies of the mine plan; feasibility study to restart heap
- Resume promising early (1980s) bio-oxidation studies of the largely untested sulfide mineralization

#### **Pilot Processing Plant**

 Continue to test process 3 Aces material as permitted, expand efficiencies and testing options for optimal recovery, grade reconciliation and cyanide free processing

#### Yukon Mint

• Ongoing design and production of gold coins featuring Yukon First Nation artists

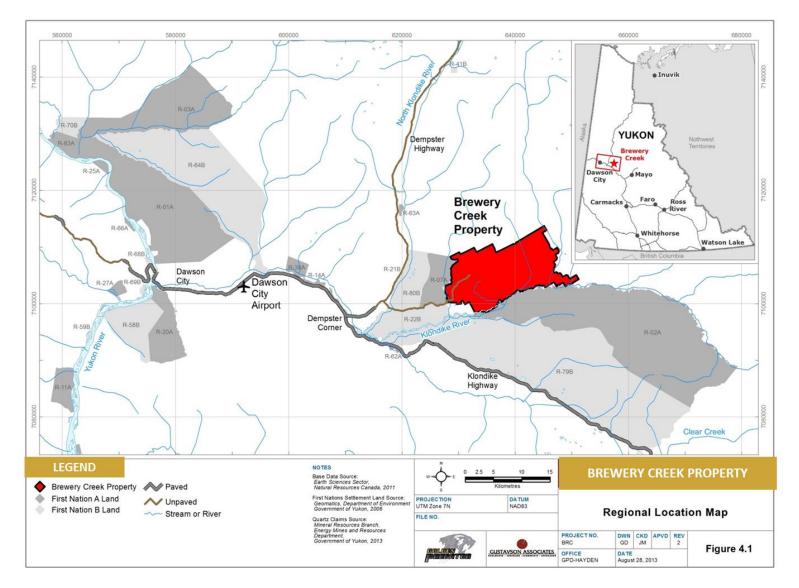
### **Brewery Creek Mine**





### Brewery Creek Mine A Licensed Mine with Established Infrastructure





# **Brewery Creek Mine**



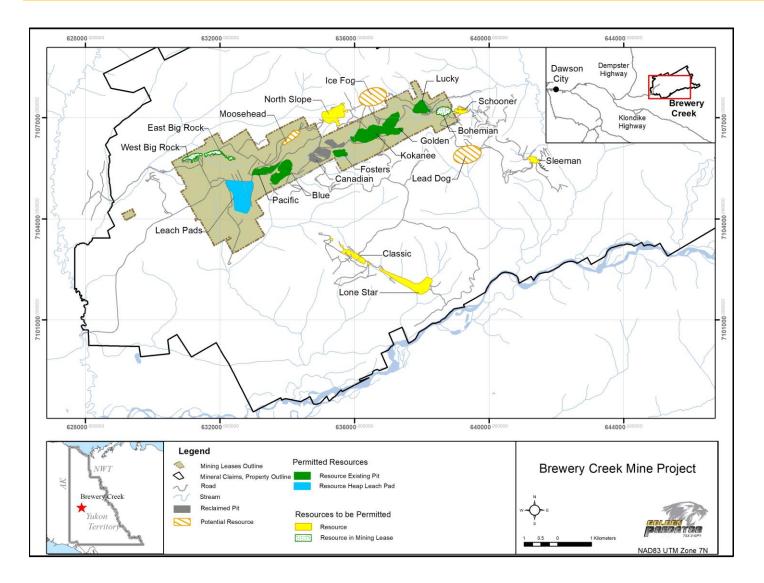
### **Project Overview**

- Past producing open pit/heap leach mine, temporarily suspended in 2002 due to gold price dipping below \$300/ounce
- Year-round road access/air service 45 km from Dawson City, 17 km from grid power; 30 km from Dawson International Airport
- 180 km<sup>2</sup> (1,075 claims with 93 mining leases) property with many exploration targets remaining open or untested
- Positive 2014 Preliminary Economic Assessment; IRR above 45% at current gold prices
- Quartz Mining License, Water License valid to resume mining operations at 4 mm tonnes/year; Class 4 Mining Land Use Permit for further exploration
- Socio Economic Accord and Council Resolution with Tr'ondëk Hwëch'in support for resumption of mineral production
- Sound economics and gold price for a restart

# Brewery Creek Mine

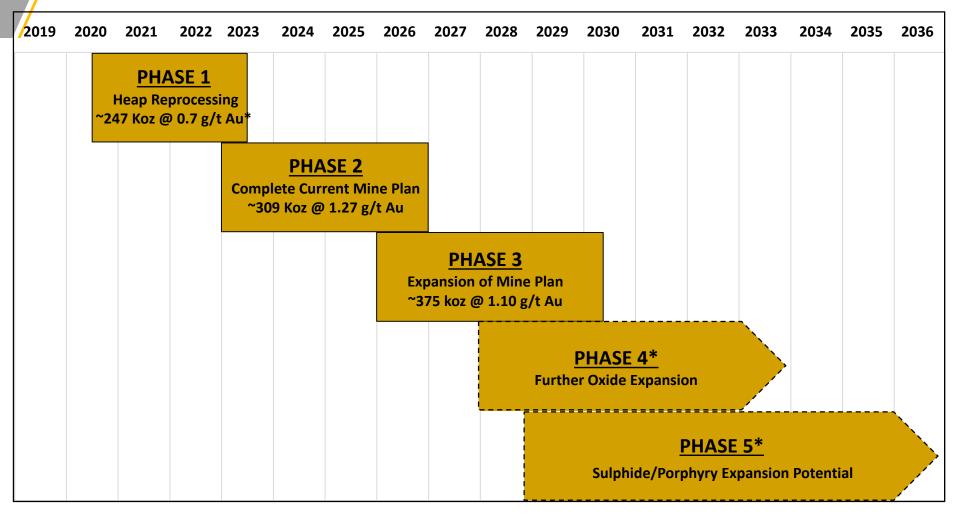






### Brewery Creek Mine Conceptual Production Timeline





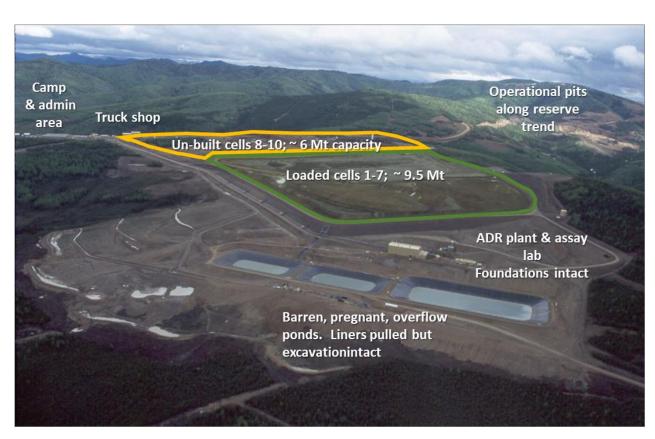
\*Historical reconciliation from production records of tonnage and grade remaining on heap of 10.43 Mt containing 247,924 ounces of gold \*\*Contingent upon continued exploration success

# **Brewery Creek Mine Planning**



### Phase 1: Reprocess Existing Heap Leach Material

- Historical production utilized run-ofmine material; reprocess existing heap leach material of approx. 10 mm tonnes at 0.7 g/t gold grade based on historical production records
- PEA Resource on the Heap Leach Pad contains 8.404 Mt @ 0.51 g/t for 135,439 contained oz. gold
- Historical estimate of heap leach material is 10.43 Mt with 247,924 contained ounces of gold
- Metallurgical work indicates significant increased recoveries on material by crushing to 80% passing 9.5 mm
- Feasibility Study to commence for reprocessing of heap leach pad
- Solution ponds, haul roads and buildings remain in place



The above estimate, including estimates of tonnage and grade from prior operations, is considered a historical estimate. Historical information has not been classified as a current mineral resource. A qualified person has not done sufficient work to classify the historical estimate as a current mineral resource or mineral reserve. The issuer is not treating the historical estimate as a current mineral resources or mineral reserve. Data was provided from extensive historic mining, ADR recovery and refinery reports available to the Company and is believed to be relevant and reliable.

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# **Brewery Creek Mine Planning**



### Phase 2- Complete Current Mine Plan

Complete original mine plan which includes open pit mining in areas listed

Building 3 new heap leach cells (8, 9 & 10)

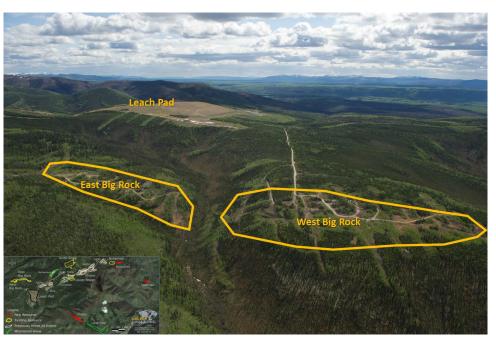
Mining rate, as approved in Quartz Mining License, is 4 mm tonnes/year

Resources remain open to expansion

Current development drilling underway and intended to expand and link adjacent deposits into a single, larger pit to improve efficiencies

#### **Oxide Resources**

1.874 Mt @ 1.42 g/t
1.243 Mt @ 1.06 g/t
0.878 Mt @ 1.34 g/t
0.373 Mt @ 1.01 g/t
0.250 Mt @ 1.29 g/t
2.973 Mt @ 1.27 g/t



85,427 contained oz. gold 42,298 contained oz. gold 37,770 contained oz. gold 12,094 contained oz. gold 10,353 contained oz. gold 121,211 contained oz. gold **309,153 contained oz.gold** 

# **Brewery Creek Mine Planning**

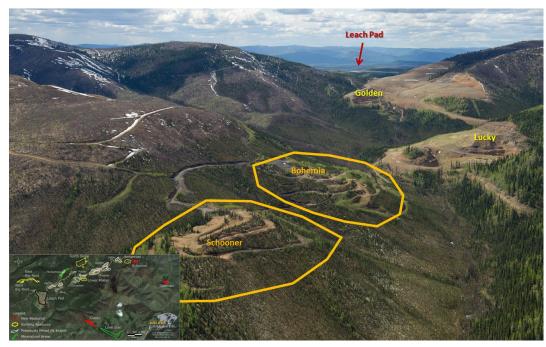


### Phase 3: Expansion of Mining to Include New Oxide Discoveries

Permit and expand operations beyond licensed deposits over time

Exploration drilling underway and intended to expand known resources for future mining expansion

Resources remain open to expansion, many targets across property remain untested



#### **Oxide Resources**

Bohemian	1.491 Mt @ 1.31 g/t
Schooner	1.108 Mt @ 1.99 g/t
W Big Rock	0.722 Mt @ 1.27 g/t
E Big Rock	0.596 Mt @ 1.10 g/t
Classic	3.711 Mt @ 0.81 g/t *
Lone Star	1.522 Mt @ 0.88 g/t *
North Slope	1.168 Mt @ 1.11 g/t *
Sleeman	0.256 Mt @ 0.99 g/t **
Sleeman	0.256 Mt @ 0.99 g/t **

- 63,000 contained oz. gold 71,000 contained oz. gold 29,000 contained oz. gold 21,000 contained oz. gold 97,000 contained oz. gold\*\*\* 43,000 contained oz. gold \*\*\* 42,000 contained oz. gold 9,000 contained oz. gold
- \* Inferred only
- \*\* Indicated and Inferred
- \*\*\* Open to significant resource expansion

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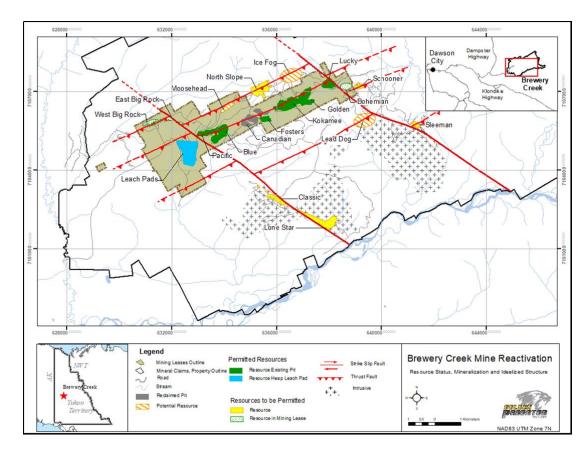
GOLDEN PREDATOR CORPORATE PRESENTATION

# **Geology/Exploration Potential**



### Phases 4 & 5

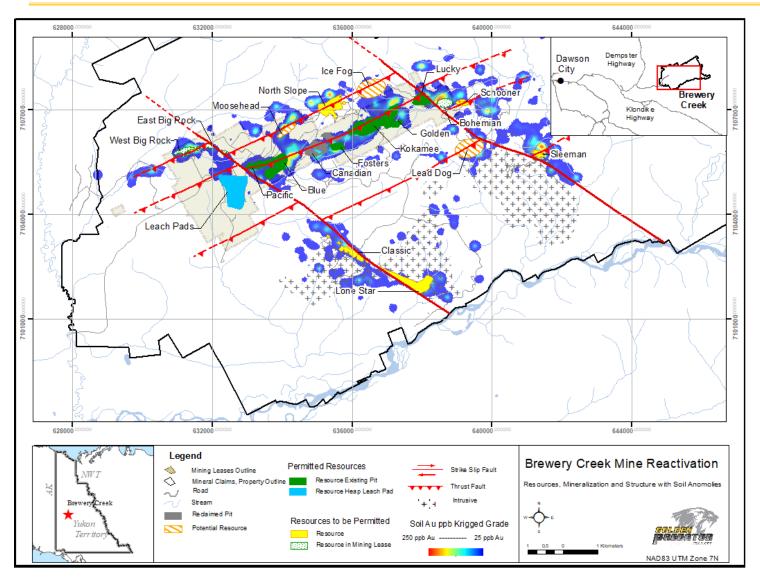
- 2010 to 2013 exploration program, increased known resources 5 fold<sup>(1)</sup>
- High exploration potential for upgrading and expanding known resources; exploration only covers 11% of the property
- Most exploration has focused along a 7 km long east-west zone known as the "reserve trend"
- Known deposits (North Slope and Moosehead) and new discovery (Ice Fog) along northern thrust and newly identified discovery (Lead Dog) along southern thrust are all open to further discovery and expansion
- Large intrusive center underlies the southern portion of the property; potential of large porphyry style of mineralization at depth
- Offsets of primary thrusts are excellent targets as proven with the Big Rock discoveries; largely untested elsewhere across offsets
- Explore & work on metallurgy for sulfides, extensive sulfide resource with only cursory exploration



# Brewery Creek Mine



### Soil Geochemistry, Mineralization and Structure



# **Environmental Management**



Environmental Monitoring & Award Winning Reclamation Work

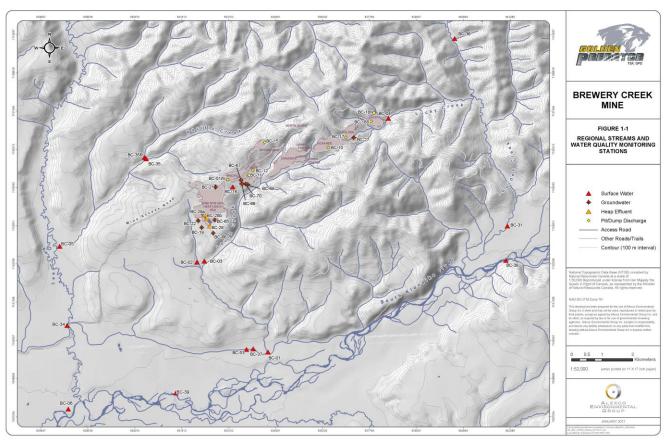
Reclamation Security Release Agreement with TH & YG

Since 2002 Annual reports submitted under the Quartz Mining License and Water License for compliance monitoring of surface and groundwater including the heap and the storage area; standard engineering and other studies

Going forward Re-establishing monthly sampling at all sites, as well as establishing new background sites in collaboration with Tr'ondëk Hwëc'hin and Yukon Water Resources

2018 Engineered Study - EBA

2019 Laura Creek Impact Study Access Consulting



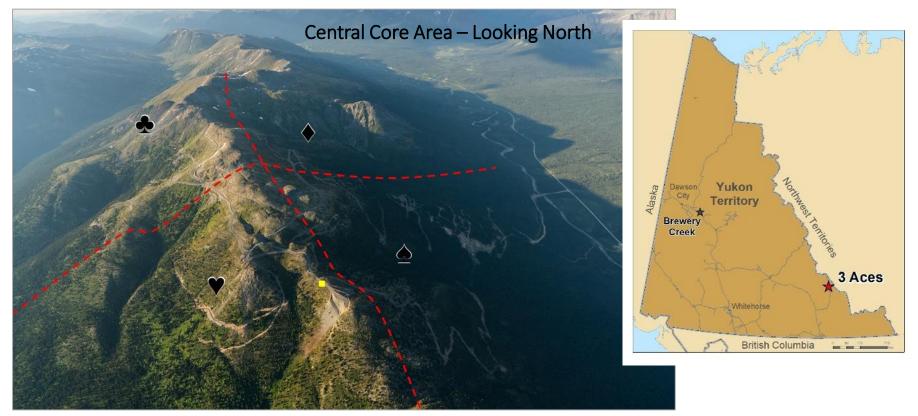
### **Other Assets**



# **3 Aces Project**

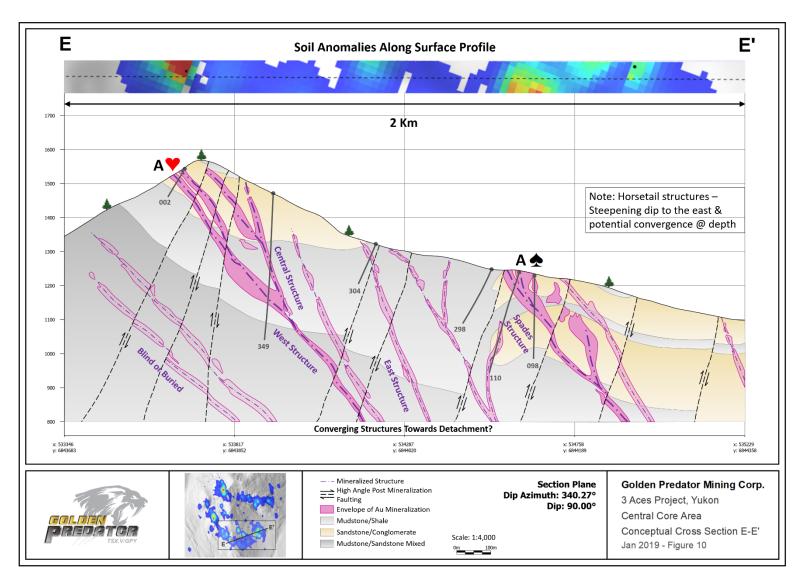


- 316 sq. km property in Southeast Yukon with road and bridge access and a Kaska Nation Exploration Agreement
- Visible gold at surface, high grade orogenic veins display persistence at depth and structural continuity
- Since 2016 over 33,000 m drilling
- Class IV Mining Land Use permit & Type B Water License
- 13.5 km<sup>2</sup> gold in soil anomaly (Central Core Area)



### **3 Aces Project** Soil Geochemistry Vectoring Towards In-Situ Gold





## 3 Aces Project: Bulk Sampling



- A key exploration tool at 3 Aces to reconcile nugget effect of coarse gold in drill hole sampling and test potential recovery without the use of cyanide
- 2016 bulk sample of 770+ tonnes recovered 83% (~29 kg) of fine gold – 953.4 ounces<sup>(2)</sup>
- 9,800 tonne 2018 bulk sample program completed with ~ 10% processing in progress, designed to reconcile tightspaced drill results, metal distribution and provide geological interpretations for future planning
- Permitted for 10,000 tonnes annually



Spades Bulk Sample Area – 3 Aces Project

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### Yukon Test Processing Plant High Gold Recoveries Without Use of Cyanide or Elaborate Equipment

- 1<sup>st</sup> Yukon test plant 50 tpd plant provides technical information and enhanced processing knowledge – tests cyanide free processing in closed system
- Conventional gravity recovery methods
- 2016 bulk sample with 85%+ gold recovery<sup>2,</sup> 2018 bulk sample processing underway (10,000 tonnes/yr permit)
- Yukon-based plant creates local spin off benefits, knowledge and technical retention







# **Yukon Mint**

- US Trademark-protected subsidiary of Golden Predator
- Producing Yukon gold coins from a cyanide-free test plant
- Value added product with First Nation art from community-based pilot processing plant





CEO, Janet Lee Sheriff with Minister Ranj Pillai, Sergeant Major Doug Spencer &Yukon Premier Sandy Silver

2018: Gold bars and gold Kaska 'Keda' coins

### **Investing in Golden Predator**



Discovery Zone Surface Outcrop – 3 Aces TSX.V: GPY | OTCQX: NTGSF



Vancouver BC V6C 3L6 Canada

3 Aces Gold Bar - 2018

### References

- 1. NI 43-101 Technical Report on Preliminary Economic Assessment for the Brewery Creek Property, Yukon Territory, Canada, Tetra-Tech EBA dated November 19, 2014 (filed on SEDAR);
- 2. Golden Predator News Release dated December 7, 2017;
- 3. Golden Predator News Release dated August 7, 2019

2010 to 2013 exploration program increased: Indicated Resource of 3.98 million tonnes @ 1.135 g/t gold (145,000 contained ounces) and an Inferred Resource of 2.2 million tonnes @ 2.01 g/t gold (142,000 contained ounces) to 17.61 million tonnes @ 1.27 g/t gold (719,000 contained ounces) and an Inferred Resource of 21.717 million tonnes @ 1.18 g/t gold (825,000 contained ounces of gold). Oxide only resources were reported at 14.1 million tonnes @ 1.27 g/t gold Indicated (577,000 ounces gold) and 9.3 million tonnes @ 0.93 g/t gold Inferred (279,000 ounces gold)

4. Kitco Spot Gold Price and Canadian/US Exchange Rate – August 15, 2019