



*Advancing a District Scale Gold Project in  
Canada's Yukon*



**CORPORATE PRESENTATION – September 2016**

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# Corporate Overview



Golden Predator is actively conducting exploration to evaluate the size and grade potential at its 100% owned 3 Aces Project, a large 225km<sup>2</sup> land package within the newly emerging 3 Aces Gold District.

The Company is concurrently updating the Brewery Creek Project 2014 Preliminary Economic Assessment.

The Company has over \$16 million in cash and is supported by shareholder base including Eric Sprott, FCMI (Albert Freidberg), Pat DiCapo and McEwen Mining.



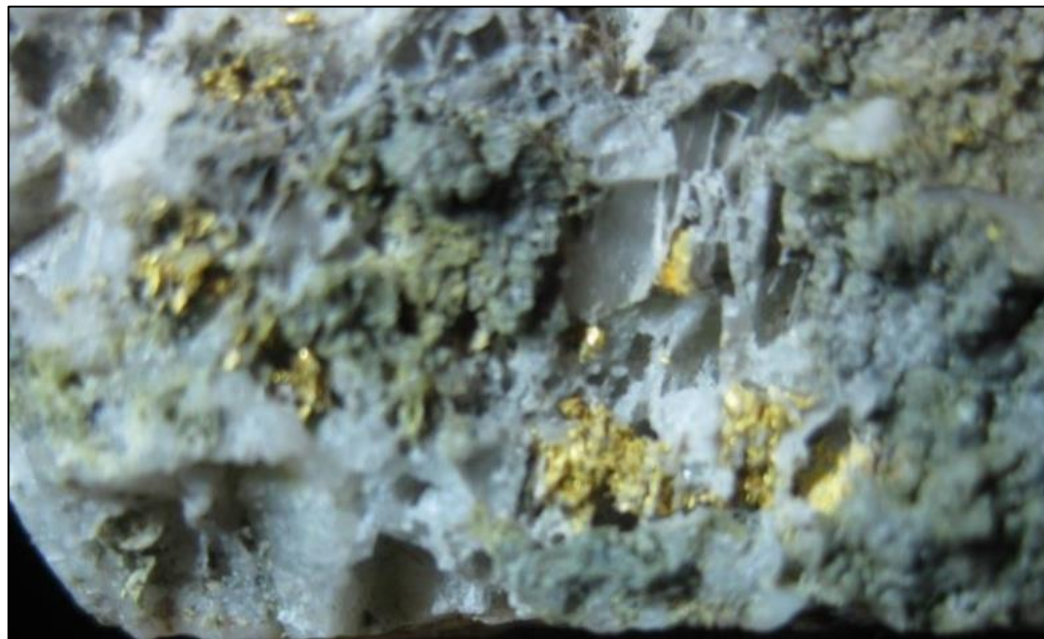
Golden Predator Director Bradley Thiele holding the first gold dore recovered from 3 Aces Project

# Flagship Property: 3 Aces Project



## 3 Aces Gold District

- A large 225 km<sup>2</sup> land package with visible gold occurrences, road access via the Cantung Mine Road
- Recent prospecting and soil sampling have identified several high-grade gold zones, including the two highest grade outcrops to date in the Yukon
- Ongoing bulk sampling processing from the Ace of Spades Vein has processed 10% of ~750 ton sample
- 2016 drilling intersected gold-rich quartz veins in 28 of 31 RC drill holes including 11.43m of 31.82 g/t Au<sup>(5)</sup>
- Major exploration program underway



High-grade gold from Ace of Spades Bulk Sampling Program

# Capital Structure



**\$65.0 MM**

Market Capitalization

**45%**

Of Shares Held by Top 5  
Shareholders

**\$14 MM**

Cash Position

Shares Issued and Outstanding	73.8 MM
Stock Options	4.7 MM
Warrants (\$0.15 - \$1.00 strike price)	43.6 MM
Fully Diluted Shares	123.0 MM

Current Cash and Marketable Securities	14.0 MM
Potential Proceeds From Warrants	17.1 MM
Long Term Debt (2017-19 Maturities)	3.2 MM





# Shareholder Base – Invested +\$20M in 2016



## THE NORTHERN MINER

GLOBAL MINING NEWS · SINCE 1915

### Golden Predator attracts heavy hitters Albert Friedberg, Rob McEwen & Pat DiCapo

[caption id="attachment\_1003773782" align="aligncenter" width="1024"] An excavator in action at Golden Predator Mining's 3 Aces gold project in the Yukon. Credit: Golden Predator Mining/[caption]  
Albert Friedberg and his Friedberg Mercantile Group were listed among the top-40, highest-earning hedge fund managers in...

### Eric Sprott takes position in Golden Predator

28TH JUNE 2016

[EMAIL THIS ARTICLE](#)

BY: HENRY LAZENBY

CREAMER MEDIA DEPUTY EDITOR: NORTH AMERICA

FONT SIZE:

**T**ORONTO (miningweekly.com) – TSX-V-listed Golden Predator Mining has announced a private placement in the company by **Eric Sprott** for gross proceeds of \$7.3-million, through the issuance of ten-million non-flow-through units at C\$0.73 each.

Reporting Insiders (+10% Shareholders)	Outstanding	Partially Diluted*
William M. Sheriff	15.79%	18.61%
Eric Sprott	13.55%	19.04%
FCMI Parent Co.**	5.42%	10.28%
McEwen Mining Inc.	6.27%	10.94%
Pat DiCapo (Power One Capital Markets)	4.74%	13.01%

\* Assumes only the exercise of holders warrants and/or options

\*\* an entity controlled by Albert Friedberg and members of his immediate family

# Board of Directors



## **William M. Sheriff, MSc** | Executive Chairman

- Chairman and founder of enCore Energy Corp. & Golden Predator
- Co-founder and Chairman of Energy Metals Corporation, NYSE listed company sold to Uranium One for \$1.8 billion dollars in 2007

## **Jesse Duke** | Director

- Principal of Ibx Valley Consulting, which provides consulting services to northern mining companies, previously managed Yukon operations for Noranda Exploration
- Served as Director of Mineral Development for the Government of the Yukon

## **Dennis Fentie** | Director

- Former Yukon Premier (2002-2011), having first entered politics in 1996 as the MLA for Watson Lake
- As Premier, served as Minister of Finance and Minister of Environment and prioritized formalizing relations with First nations and revitalizing the mining industry

## **Greg Hayes** | Director & A/Chief Financial Officer

- CEO and president of Northern Tiger from 2008-2014
- Chartered Accountant since 1997, former CFO of Firestone Ventures Inc. and Shear Minerals Ltd.

## **Tony Lesiak** | Director

- Managing Director and Global Head of Mining Research for Canaccord Genuity Corp. (Canada)
- Prior to rejoining Canaccord Genuity in September 2013, he was Managing Director and Senior Mining Analyst at Macquarie Capital Markets. Previously Principal and Senior Mining Analyst at Genuity Capital Markets and previously held senior positions in mining equity research at UBS (Toronto) and HSBC (New York and Toronto).
- Expertise includes underground and open pit designs, development, operations and engineering throughout northern and western Canada

## **Stefan Spears** | Director

- Began his mining career at Goldcorp in 2002, and in 2005 joined McEwen Capital Corporation
- In 2008 joined McEwen Mining (TSX/NYSE:MUX) as Vice President in charge of U.S. Projects.
- Founded Coreprint Patterns Inc., an innovative sand casting pattern manufacturer , rejoined McEwen Mining to address Special Projects

## **Bradley Thiele, P.Eng** | Director

- An independent mining consultant with over 45 years of extensive industry experience
- As Vice President of Project Development for Cumberland Resources Ltd. developed and operated the Meadowbank Mine , Nunavut

# Focused First Nation Relations



## **Accomplishments include**

- Socio Economic Accord (SEA) for Brewery Creek Project 2012
- Kaska Nation Exploration Accord
- 50/50 Kaska Nation Partnership and Proposal on Reclamation Project (government bid – finished 2<sup>nd</sup>)
- Developed and funded Yukon First Nation Trade Mission to northern Saskatchewan uranium mines: secure knowledge on 50/50 partnerships
- TH Elder site visits and NND and Kaska Nation site visits to Brewery Creek
- Assisted in development of Trondek Hwechin Catering Company
- Joint Venture: R15 Project (terminated agreement – market conditions)

## **Previous Management Experience**

- Formed Yukon Mining Training Association, secured partnership of all Yukon mining companies and all Yukon First Nations, secured over \$20 MM in funding for First Nation training
- Worked with Selkirk First Nation at Minto Mine project; economic development work with Ross River Dena Council, Carcross/Tagish First Nation
- 25 year working relationship with Yukon First Nations



# 3 ACES GOLD DISTRICT – Orogenic Gold Model



Orogenic gold districts are well documented in Western North America. They include the California Mother Lode Belt, the Juneau Gold Belt, the Fairbanks Gold Belt which includes the Pogo deposit and the Klondike District in Yukon which includes the recently discovered Coffee Creek and White Gold Deposits.

The 3 Aces project shares all of these defining features typical of these districts including:

- Free gold in quartz veins with low amounts of sulphides
- Multiple large quartz veins
- Extensive geochemical anomaly highlighting gold bearing structures
- Associated with large regional scale faults or fault zones
- Occurrence in the proper tectonic and stratigraphic environment



Prospector Alex McMillan, Discovery Zone – Ace of Hearts

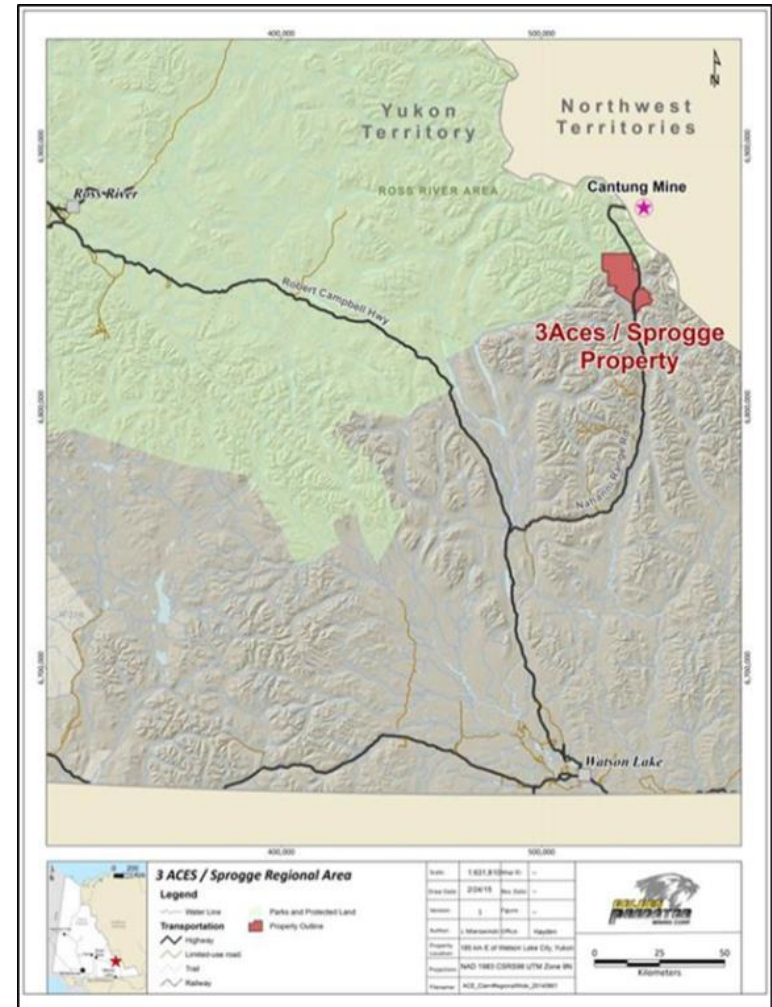


# 3 ACES PROJECT

## Shear Hosted Orogenic Vein System with Bonanza Grade Gold



- Potential for multiple high grade deposits over large +225 km<sup>2</sup> property with 10.5 sq km central core area
  - Gold values across 762 meters (2,500 feet) of vertical elevation
- High-grade mineralized shoots outcrop at surface
  - Grab samples up to 4,820 g/t gold with multiple +1,000 g/t specimens from Aces of Hearts zone<sup>(10)</sup>
  - Channel samples from Ace of Spades zone include 5.2 meters of 448 g/t gold<sup>(3)</sup>
- Total historic drilling of 11,410 meters in wide spaced drilling plus airborne and ground geophysics, stream sediment sampling, soil sampling and geologic mapping
- Property priority to map vein geometries and mineralization in detail. Previous efforts were generally reconnaissance in nature



# 3 ACES GOLD DISTRICT – Exploration Approach



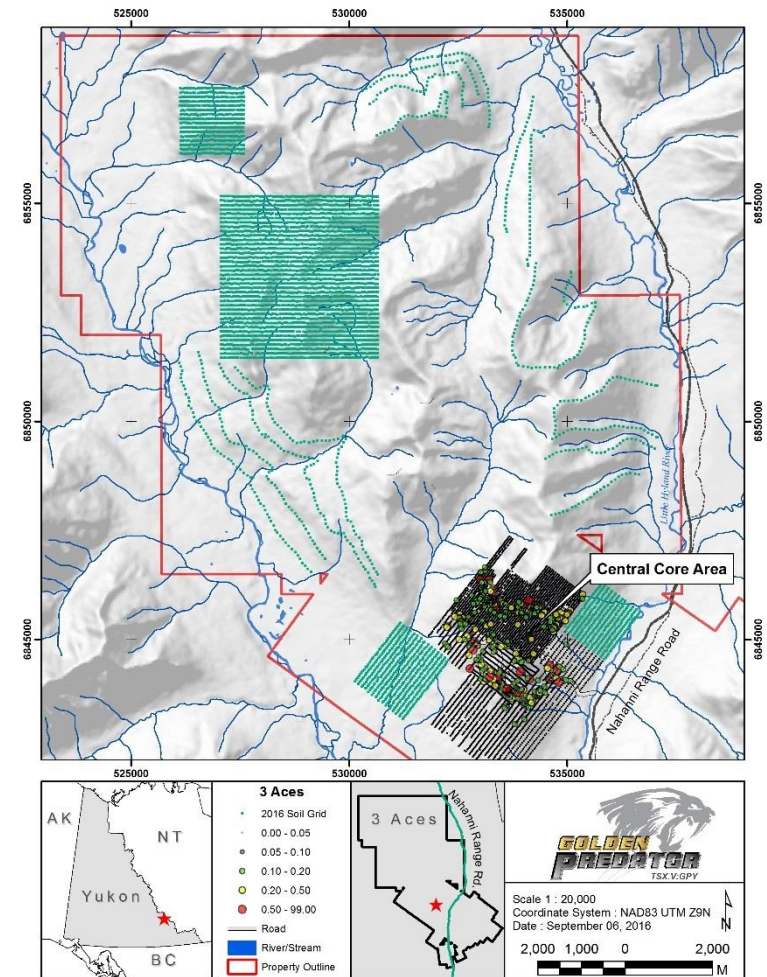
Golden Predator is systematically exploring its large land package to identify high-grade gold veins for subsequent drilling.

**Geochemistry:** Significant soil sampling programs completed and expanding to identify areas over the large property that have high gold values; all significant gold across the property has been associated with structurally-controlled quartz veins

**Geology:** Focused on areas with high gold values; mapping and trenching programs are underway to identify and delineate new quartz veins. Several new veins have been identified including the Jack of Spades vein with visible gold

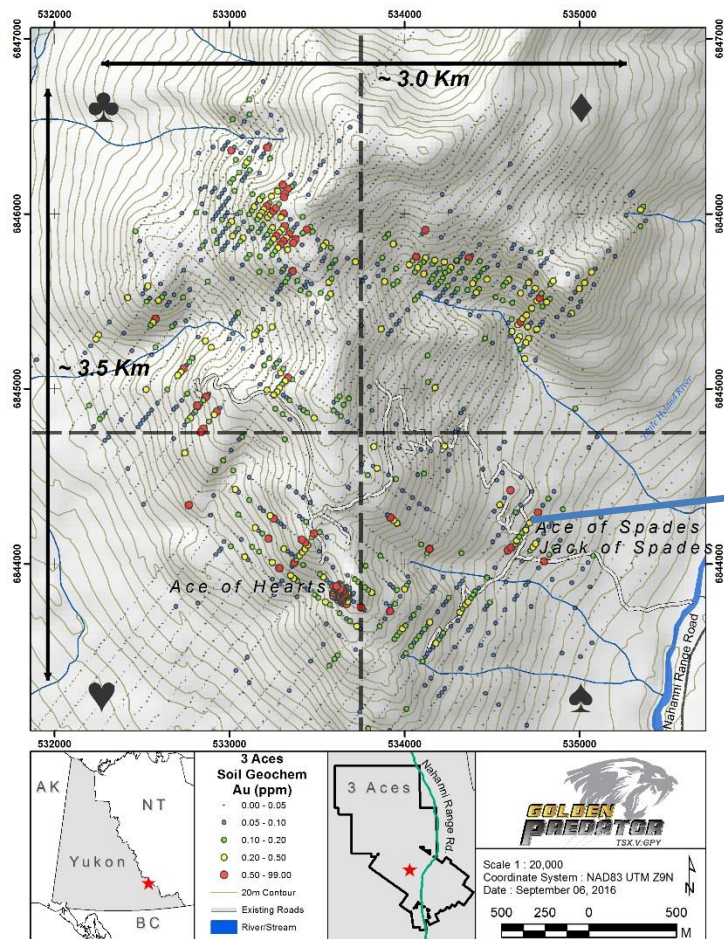
**Geophysics:** Property-wide coverage to assist geological mapping in identifying large structures

Application of detailed information gained from focused exploration of outcrops across the core anomalous area to be used for systematic evaluation, over time, across the property.

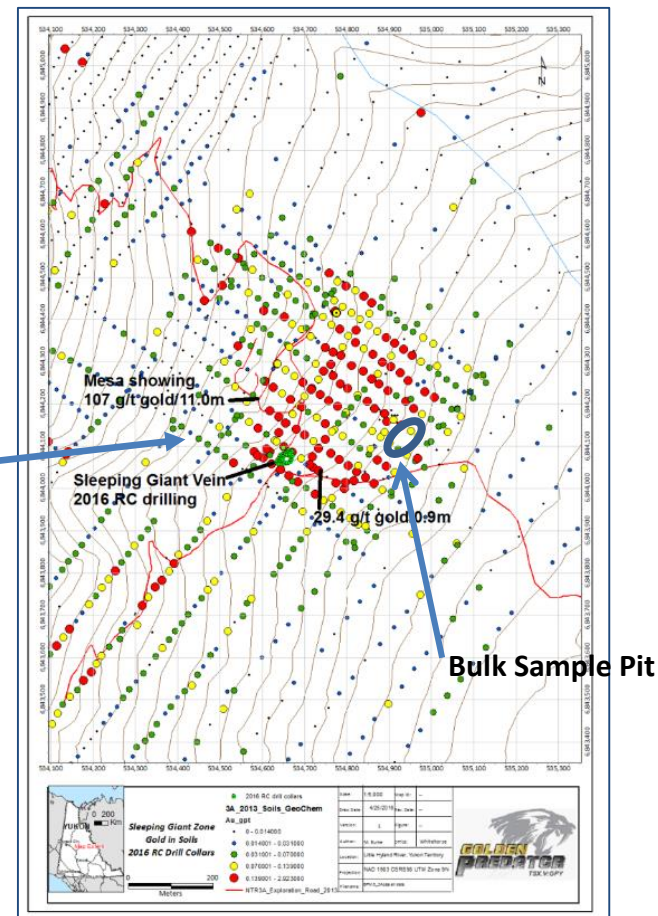




# 3 ACES GOLD DISTRICT: Gold-in-soils at 10.5 km<sup>2</sup> Core Area



10.5 km<sup>2</sup> Central Core Area of well defined gold-in-soil anomalies



Multiple Quartz Veins with high grade gold within Ace of Spades Zone

# 3 ACES GOLD DISTRICT – 10.5 km<sup>2</sup> Core Area



## Ace of Spades Vein:

- Bulk sampling program ongoing to test high-grade outcrop where 13 shallow holes intersected up to 10.5ft of 108.5 g/t Au.
- 2016 drilling to test extensions outside of the bulk sample location intersected gold-rich quartz veins in 28 of 31 RC drill holes including 11.43m of 31.82 g/t Au from a depth of 12.8m and 10.36m of 14.30 g/t Au from depth of 10.0m

## Jack of Spades Vein:

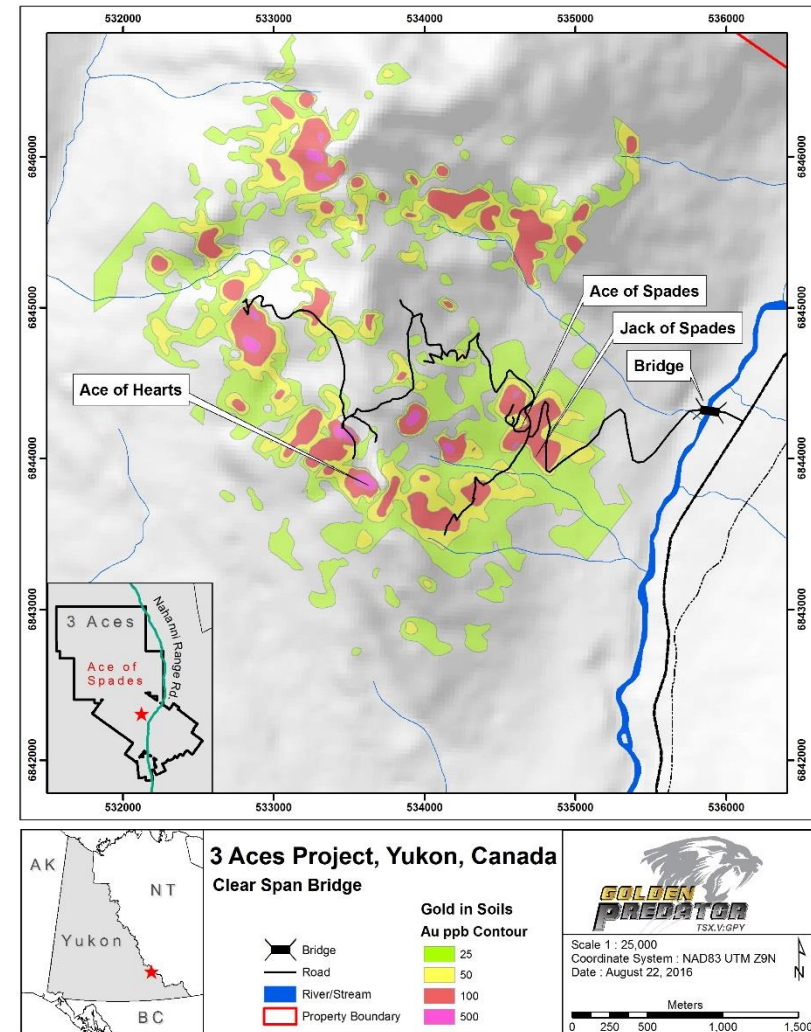
- New discovery through trenching (nr)
- Multiple veins with visible gold intersect
- Panel sampling will target drill hole location

## Ace of Hearts Vein:

- A first pass drilling program in 2011 intersected 9.0m of 6.80 g/t Au and 35.0m of 4.61 g/t Au including 3.0m of 11.70 g/t Au and 1.0m of 106.2 g/t Au

## Additional Zones:

- Minimum of 7 additional mineralized veins exposed in 2016 trenching; trenching and exploration continues



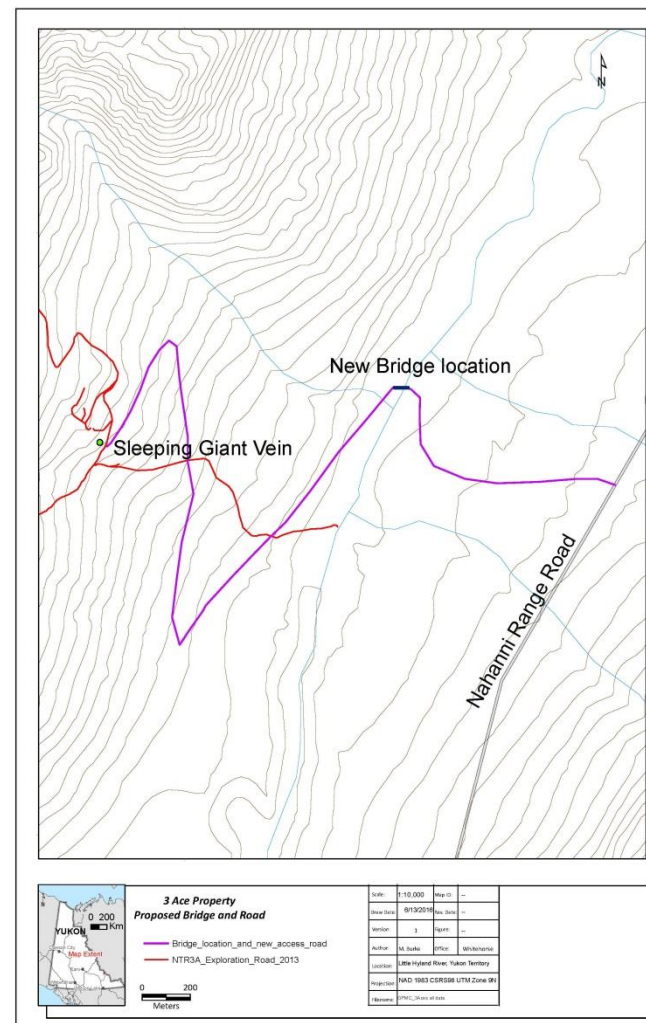


# 3 Aces Project 2016



## Improved Year-Round Access

- 90 foot single-span bridge acquired and on site
- B Water License and Permits approved and bridge construction commenced
- New access road to include Ace of Spades Zone with maximum grade of 10% to allow heavy truck and equipment access
- Cost saving feature eliminating helicopter supported exploration while providing access by heavy equipment



Bridge Construction at Site



# 3 Aces Project 2016 - 2017



## Road Access and Trenching of Tier-One Soil Anomalies

Soil anomalies >50 ppb Au form central core of project area

- Significant work on the Ace of Hearts and Ace of Spades Zone have identified a number of quartz veins with very high grade gold

8.5 km of new road construction will allow access to most defined soil anomalies

Trenching within anomalies best tool to expose veins



## Geophysical Surveys

Property-wide airborne Magnetic-EM completed in Q3/16

Central Anomaly Area (2017)

- Detailed close-spaced IP-Resistivity
- Follow up with Detailed IP-Resistivity on key areas developed during 2016 mapping and soil geochemical surveys



Trenching and Sampling at 3 Aces



## Soil Geochemical Surveys

Previous soil sampling in central area has led to the identification of numerous significant gold anomalies

- Ace of Hearts and Ace of Spades Veins have received the most work; sampling, trenching, drilling and bulk sampling
- Other veins have been discovered

12 drainages identified with significant gold anomalies from previous stream silt sampling

- 400 samples per km<sup>2</sup> at 50m spacing
- 9 km<sup>2</sup> targeted for 50m x 50m sampling
- 4,800 sample program

2017

- Follow up with additional grid areas and in-fill



Sampler at Jack of Spades



# 3 Aces Project 2016 - 2017



## Drilling

Ace of Hearts: 1000m RC drilling; 40m average depth of hole

Ace of Spades: 1000m RC drilling; 33m average depth of hole

New targets: 1,500m RC drilling

Core drilling 400m primarily within known areas

TOTAL 2016      \$ 800,000 budget

2017              \$ 3,700,000 budget

## Current Bulk Sample Processing

- Bulk sample gold recovery underway, gravity recovery in line with previous metallurgical testing by SGS which indicated gravity gold recoveries of approximately 80%<sup>(2)</sup>
- Secondary recovery may boost overall recovery to 93.5 to 98.3%<sup>(2)</sup>
- Grade reconciliation with drill results provide an essential tool for future exploration, bulk sampling materials will be used for preliminary metallurgical studies



# BREWERY CREEK PROJECT – Updating the 2014 Preliminary Economic Assessment<sup>(1)</sup>



- Past open pit heap leach producer from 1996-2002
- Preliminary Economic Assessment (PEA) completed in Q4, 2014
- Metallurgical and PQ drilling (for permitting and FS) completed in September 2016, results pending
- Since 2009, +\$30 MM spent on drilling approximately 100,000 meters increasing indicated and inferred resources by 400% and 200% respectfully ; 1mm + oz total resource, 80% success rate in exploration drilling
- Year-round access via paved/gravel roads, proximity to newly constructed Mayo-Dawson power line, local labor and regularly scheduled air service (30mins from airport, 45 mins from Dawson City). Permits and licenses include a Type A Water License and a Class IV Mining Land Use Permit



Brewery Creek during 1990s

## Brewery Creek Indicated & Inferred Resources <sup>(1)</sup>

	Indicated Resources			Inferred Resources		
	Tonnes	Au (g/t)	Contained Au (ounces)	Tonnes	Au (g/t)	Contained Au (ounces)
Oxide	14,152,000	1.27	577,000	9,309,000	0.93	279,000
Sulfide	3,459,000	1.28	142,000	12,408,000	1.37	546,000
<b>Total</b>	<b>17,611,000</b>	<b>1.27</b>	<b>719,000</b>	<b>21,717,000</b>	<b>1.18</b>	<b>825,000</b>

# BREWERY CREEK PROJECT – 2014 Preliminary Economic Assessment<sup>(1)</sup>



## PEA Summary Mine Plan and Operating Assumptions

Total Oxide mined from Open Pits (tonnes)	10,264,000
Total Waste mined from Open Pits (tonnes)	43,520,000
Strip Ratio open pits	4.2:1
Total Gold Ounces Contained	445,000
Average Diluted Grade g/t Gold Open Pits	1.35 <sup>1</sup>
Total Material Re-processed from Old Heap Leach (tonnes)	4,195,000
Total Waste Moved on Old Heap (tonnes)	3,366,000
Total Gold Ounces Contained Old Heap Material	104,000
Average Diluted Grade g/t Gold Old Heap Material	0.77 <sup>2</sup>
Total Gold Ounces Recovered	372,000
Life of Mine	9 years

<sup>1</sup> Using a cut-off grade of 0.50 gpt gold

<sup>2</sup> Using a cut-off grade of 0.30 gpt gold

## PEA Summary Economics

Pre-tax and Royalty NPV at 5%	\$45,658,000
Pre-tax and Royalty IRR	22%
Pre Tax payback	2.7
Post Tax and Royalty NPV at 5%	\$23,315,000
Post Tax and Royalty IRR	15%
Post Tax payback	3.2



The economic analysis is preliminary in nature and is based on the extraction of both indicated and inferred resources. Inferred resources are considered too speculative geologically to have economic considerations applied to them to establish mineral reserves. There is no certainty that that this PEA will be realized.



# Investment Highlights



- Systematically exploring the 3 Aces Gold District with a fully-funded \$10M exploration budget in place
- Near-term drilling to commence at 3 Aces to follow-up on high-grade gold discoveries
- Updating the Brewery Creek Project Preliminary Economic Assessment
- Exceptional shareholder base and strong treasury to advance corporate objectives
- Experienced technical team and strong management with local knowledge and community relationships



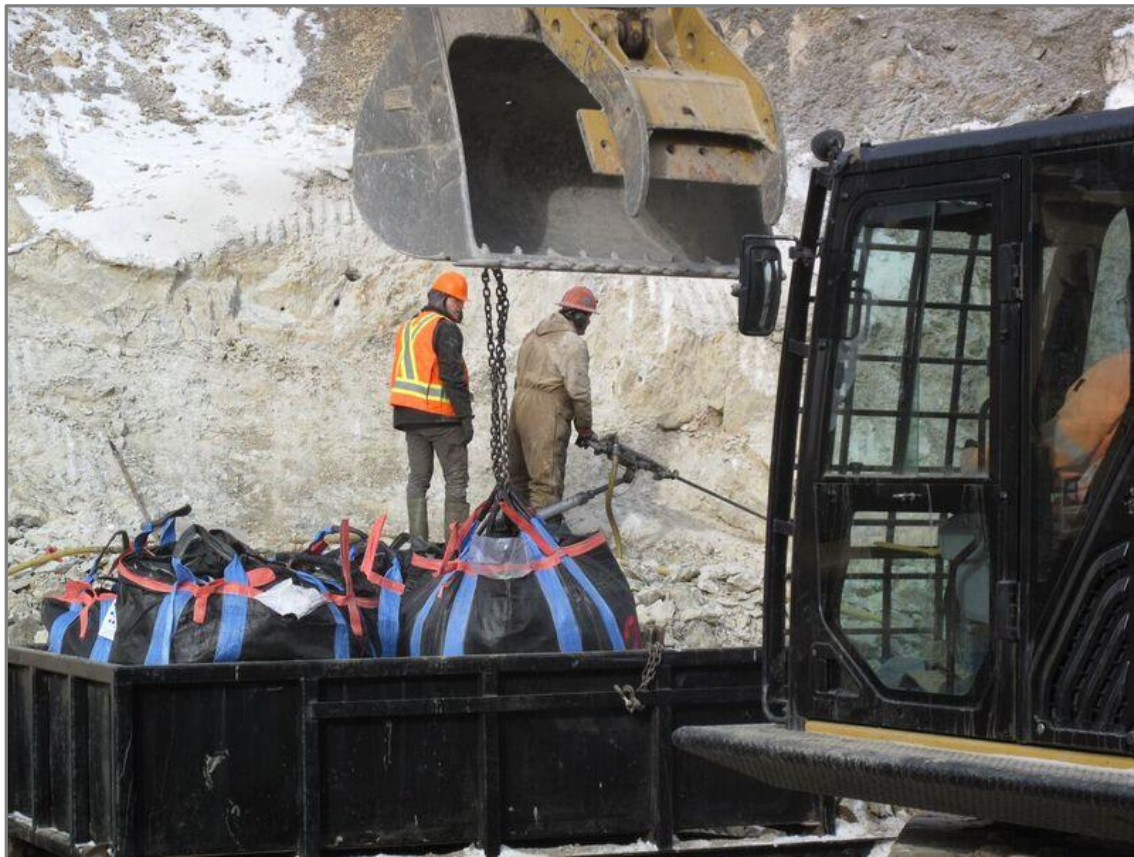
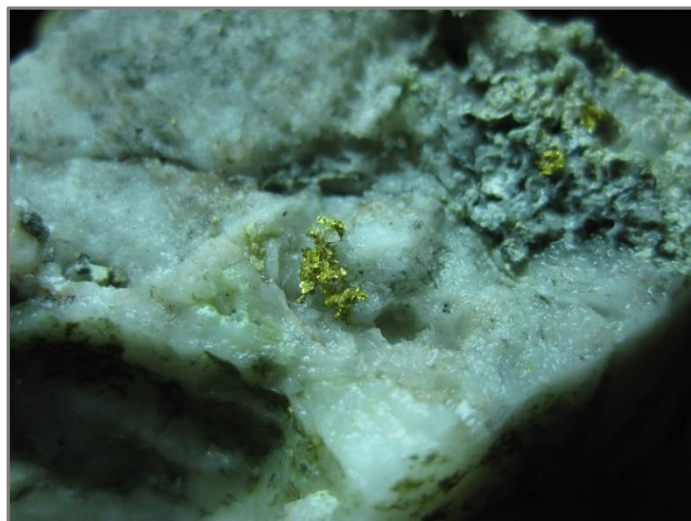
Bulk Sample Processing



# Endnotes



- 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 and filed on SEDAR.
- 2) Golden Predator News Release dated December 2, 2014.
- 3) Northern Tiger News Release dated August 8, 2012.
- 4) Golden Predator News Release dated September, 14, 2015
- 5) Golden Predator News Release dated March 31, 2016
- 6) Golden Predator News Release dated October 12, 2010
- 7) Golden Predator News Release dated June 20, 2016
- 8) Golden Predator News Release dated August 3, 2016
- 9) Golden Predator News Release dated July 13, 2016
- 10) Northern Tiger News Release July 27, 2010



2016 Bulk Sample Program



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