



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

**PRESCIOUS METALS SUMMIT**

**November 2016**



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# Corporate Overview



Exploration and drilling underway to evaluate the size and grade potential at its 100% owned 3 Aces Project

Metallurgical and Geotechnical Drilling to Advance the Brewery Creek Project which hosts:

- Indicated mineral resources of 577,000 gold ounces contained in 14.15 million tonnes of material with an average grade of 1.27 g/t
- Inferred mineral resources of 279,000 gold ounces contained in 9.3 million tonnes with an average grade of 0.93 g/t<sup>(1)</sup>

Shareholder base including Eric Sprott, FCMI (Albert Freidberg), Pat DiCapo and McEwen Mining

Well-funded exploration company



Bridge Construction at 3 Aces



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

# Capital Structure



**\$56.3 MM**

Market Capitalization

**45%**

Of Shares Held by Top 5  
Shareholders

**\$12 MM**

Cash Position

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%



# Market Metrics



Shares Issued and Outstanding	76.2 MM
Stock Options	5.6 MM
Warrants (\$0.15 - \$1.00 strike price)	40.9 MM
Fully Diluted Shares	122.7 MM

Current Cash and Marketable Securities	12.0 MM
Potential Proceeds From Warrants	17.1 MM
Long Term Debt (2017-19 Maturities)	3.2 MM

As of October 26, 2016

# Leadership



## Board of Directors

William M. Sheriff      Executive Chairman

Jesse Duke              Dennis Fentie

Greg Hayes              Tony Lesiak

Stefan Spears          Bradley Thiele, P.Eng



## Management

Janet Lee-Sheriff      Chief Executive Officer

Kathryn Johnson      Chief Financial Officer

Mike Burke            Chief Geologist

Jeff Cary                3 Aces Project Geologist



# Focused First Nation Relations



## Accomplishments

- Socio Economic Accord (SEA) for Brewery Creek Project
- Kaska Nation Exploration Accord
- Yukon First Nation Trade Mission to northern Saskatchewan uranium mines
- First Nation business development and joint venture development



## Management Experience

- Formed Yukon Mining Training Association
- 25 year working relationship with Yukon First Nations





# BREWERY CREEK PROJECT – Established Ounces



Brewery Creek 2012

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>

- Past open pit heap leach producer from 1996-2002
- Year-round access via paved/gravel roads, 17 km from grid power line, local labor and regularly scheduled air service
- Permits and licenses include a Type A Water License and a Class IV Mining Land Use Permit



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



Brewery Creek 2002

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

Preliminary Economic Assessment (PEA) completed in Q4, 2014

Metallurgical and Geotechnical Drilling completed in September 2016, preliminary results include:

- 8.2 m of 21.3 g/t gold including 5.1 m of 32.1 g/t gold from the east side of the Lucky pit.
- 17.5m of 5.5 g/t gold from the north side of the Lucky pit floor
- 5.6m of 5.2 g/t gold from the eastern edge of the Lucky pit
- 25.9m to 27.1m and 34.2m to 35.1m assayed 4.33 g/t gold from the northern portion of the Lucky pit floor.<sup>(2)</sup>

Full Metallurgical and Geotechnical reports and results pending

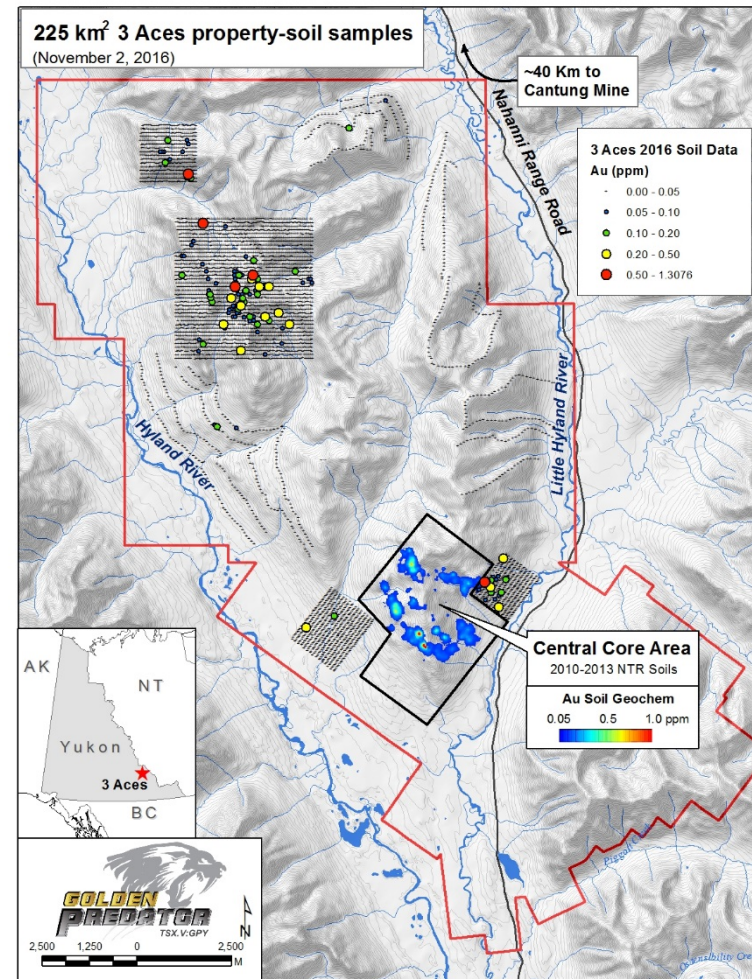
The economic analysis is preliminary in nature and is based on the extraction of both indicated and inferred resources. Inferred resources are considered too speculative geologically to have economic considerations applied to them to establish mineral reserves. There is no certainty that that this PEA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

# Flagship Property: 3 Aces Project



## 3 Aces Gold District

- 225 km<sup>2</sup> (23,000 hectares) land package with visible gold occurrences
- Year-round road access via the Cantung Mine Road
- Major exploration program commenced August 2016; reverse circulation and core drill program underway
- Bulk sample processing from the Ace of Spades Vein to resume in November 2016
- More than 25 mineralized quartz veins, many with visible gold, discovered since August 2016
- Kaska Nation Exploration Memorandum of Understanding signed in 2013





# 3 ACES GOLD DISTRICT – Orogenic Gold Model



## Orogenic deposits:

- 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

## Examples:

- California Mother Lode Belt
- Juneau Gold Belt
- Pogo deposit



Prospector Alex McMillan, Discovery Zone – Ace of Hearts



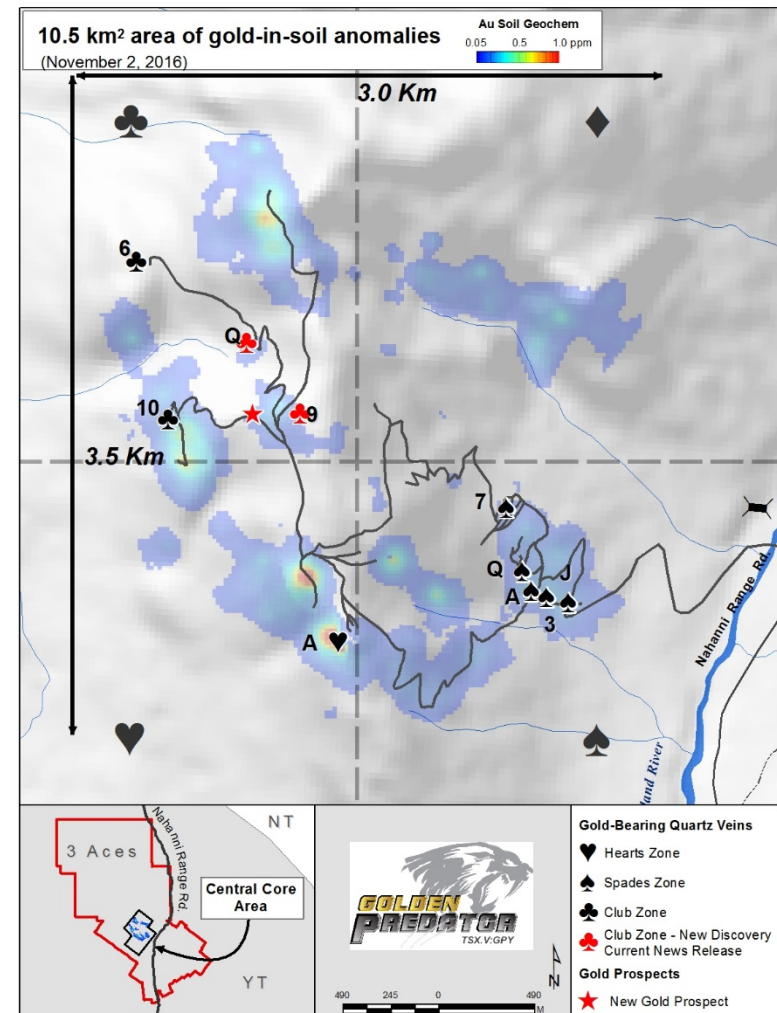
Samplers at Spades Zones

# 3 ACES PROJECT

## Shear Hosted Orogenic Vein System with Bonanza Grade Gold



- Potential for multiple high grade deposits : Gold values across 762 meters (2,500 feet) of vertical elevation
- Limited historic sampling program within the Central Core Area found high-grade veins that outcrop at surface
- Total historic drilling of 11,410 meters in wide spaced drilling
- 2016 drilling intersected gold-rich quartz veins in 28 of 31 RC drill holes including 11.43m of 31.82 g/t Au<sup>(4)</sup>

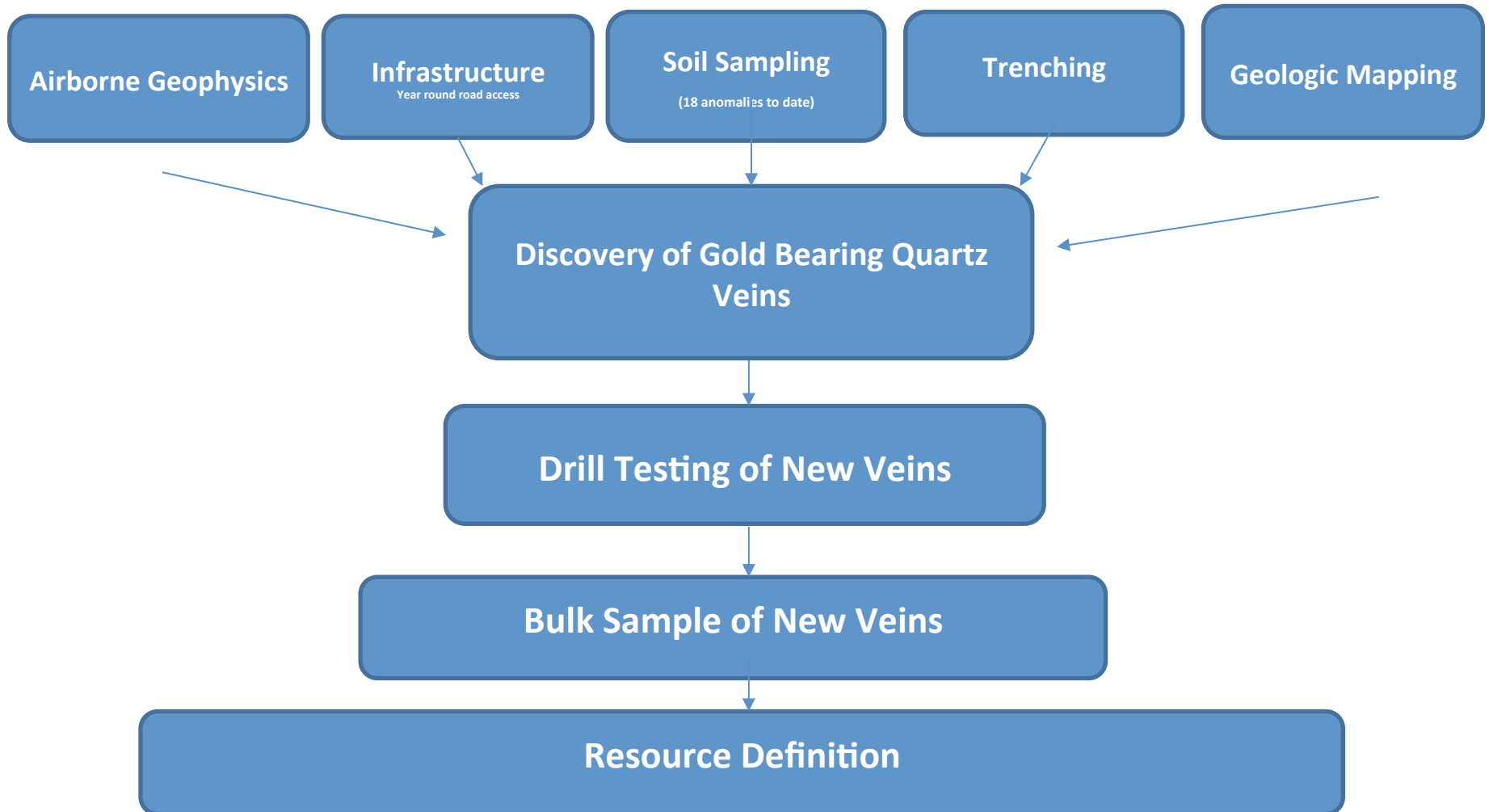




# The Discovery Process



Systematic exploration focused on advancing a large high-grade gold district



# 3 ACES GOLD DISTRICT – Discoveries



## Central Core Area: CLUB ZONE

### Queen of Clubs:

- New discovery of mineralized quartz veins from trenching
- Channel and composite grab sample results include 67.1, 91.1, and 111.0 g/t Gold<sup>(10)</sup>

### Nine of Clubs:

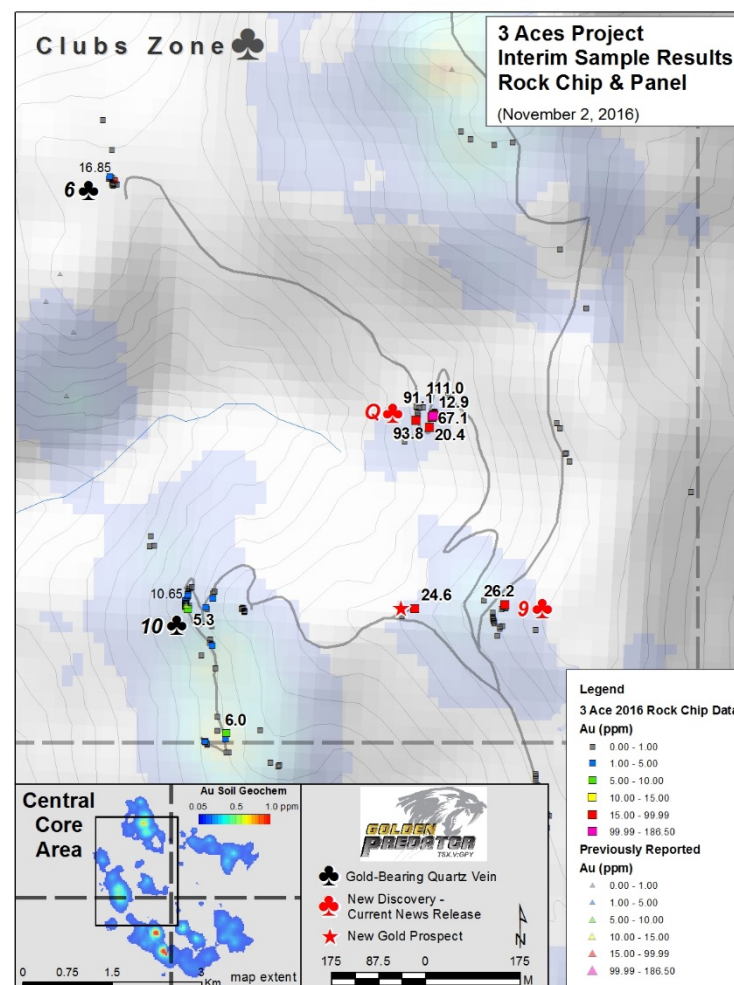
- New discovery of multiple veins made through trenching
- Panel sample of quartz vein on shale-conglomerate contact returned 26.2 g/t Gold<sup>(10)</sup>

### Six of Clubs:

- New discovery from trenching of mineralized quartz vein
- Composite grab sample of vein assayed 16.85 g/t Gold<sup>(5)</sup>

### Ten of Clubs:

- New discovery of multiple veins made through trenching
- Panel sample include 10.65 g/t Gold<sup>(5)</sup>





# 3 Aces Project 2016 Work Plan



## Improved Year-Round Infrastructure and Road Access

- Installed 90 foot bridge; winterized and expanded 3 Aces camp
- Completed 8.5 km of access roads to Spades, Clubs and Hearts Zones in Central Core Area

## Trenching of Soil Anomalies

- Extensive trenching with 5 heavy excavators has discovered and exposed 25+ mineralized quartz veins
- Additional trenching is expected to expose additional veins in 2017
- Road access to the Diamonds Area and beyond provides additional discovery opportunities





# 3 Aces Project 2016 - 2017



## Geophysical Surveys

- Property-wide airborne Magnetic-EM completed in Q3/16
- Planned detailed close-spaced IP-Resistivity survey throughout the Central Core Area to identify additional quartz veins undetected through trenching
- Additional detailed IP-Resistivity on key areas developed during 2016 mapping and soil geochemical surveys



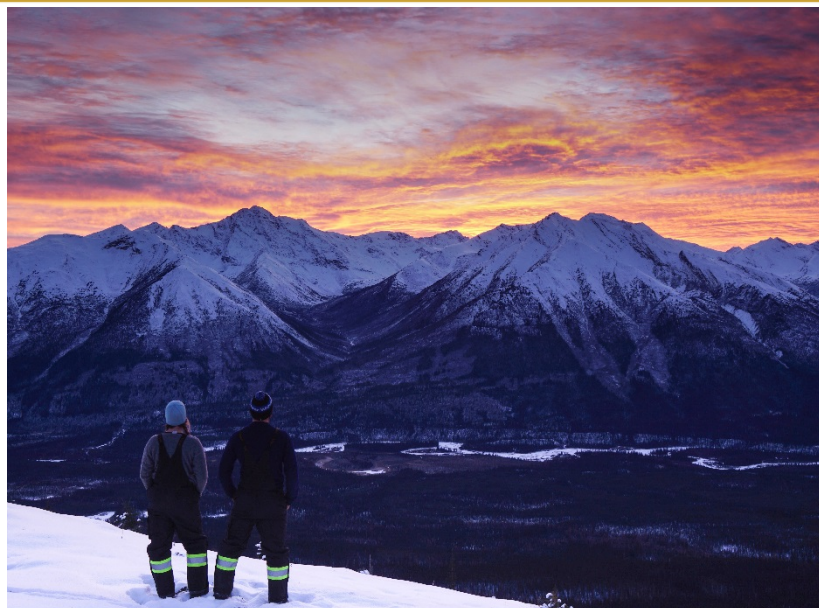


# 3 Aces Project 2016 - 2017



## Soil Geochemical Surveys

- Approximately 25 km<sup>2</sup> of grid soil survey was completed in 2013 highlighting more than 10 km<sup>2</sup> of significant gold-in-soil anomalies providing the basis for Golden Predator's expansive exploration program
- 2016 – 4,139 soil samples on a 50m x 100m grid covering some of these more prospective drainages resulting in significant new soil anomalies located 7 to 12km to the northwest of the Central Core Area, along trend of established mineralization<sup>(9)</sup>
- Additional soil sampling to be conducted in 2017



# 3 Aces Project 2016 - 2017



## Reverse Circulation and Core Drilling

- Commenced October 2016
- Close spaced large sample size drilling required due to coarse gold nugget effect
- 80-85% of drilling - 5.5 inch RC with sample interval of 2.5 feet; entire sample to be processed
- 15-20% of drilling - PQ core (85mm); entire sample to be processed
- 2016-2017 drill budget of \$ 4,500,000



Drill Program at 3 Aces Project, Yukon



# 3 Aces Project 2016 - 2017



## Continuing Bulk Sample Program

- Bulk sample gold recovery underway, gravity recovery in line with previous metallurgical testing by SGS which indicated gravity gold recoveries of approximately 80%<sup>(7)</sup>
- Secondary recovery could boost overall recovery to 93.5 to 98.3%<sup>(8)</sup>
- Grade reconciliation with drill results





# Investment Highlights



- Systematically exploring the 3 Aces with a fully-funded exploration budget
- Drilling program underway to follow-up on high-grade gold discoveries
- Advancing the Brewery Creek Project
- Exceptional shareholder base and strong treasury
- Experienced technical team and strong management with local knowledge and community relationships





# 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 October 12, 2010
- 3) Golden Predator News Release dated October 8, 2012
- 4) Golden Predator News Release dated June 20, 2016
- 5) Golden Predator News Release dated October 5, 2016
- 6) Golden Predator News Release dated December 2, 2014
- 7) Golden Predator News Release dated August 18, 2016
- 8) Golden Predator News Release dated January 25, 2016
- 9) Golden Predator News Release dated October 31, 2016
- 10) Golden Predator News Release dated November 2, 2016





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