









## **CORPORATE PRESENTATION**

TSX-V: TCO

**March 2017** 

### **CAUTIONARY STATEMENT**

TSX-V: TCO



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**Economic Estimates** – The PEA has not established the technical or economic viability of the proposed operation, nor has it established any mineral reserves that would support the same. The economic assessment within is preliminary in nature and includes inferred mineral resources that are geologically too speculative in nature to be categorized as mineral reserves or demonstrate economic viability. As such, there is no certainty that the preliminary economic assessment will be realized.

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**Independent Review** – The technical and economic data disclosed in this presentation has been independently verified and approved by Chris Pfahl of Silver Valley Engineering and Nesbert Nyama, Geologist, both Qualified Persons as defined by *National Instrument 43-101*.

**Information** in this presentation remains subject to change without notice.

### **COMPANY OVERVIEW**

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A high-grade precious and base metal explorer and mine developer with two company-making assets:

- Leased Alder Mountain Project including US Grant Gold/Silver Mine & Mill property in Montana (USA).
- > 80% Earn-in at the **Monitor Copper/Gold/ Silver** project in Idaho (USA).



## 2016 GROUND BREAKING YEAR - US GRANT MINE



**Explored** 

**Build Mine** 

Commission Mill

Concentrate

- Company Focus on US Grant Mine to Future Cash Flow
- Explored and Drilled New Area with 2.8 m at 19.3 g/t Gold Equivalent (Au Eq)<sup>1</sup>
- Rehabilitated Mine, Installed 2 Mills and Commenced Trial Mine and Mill Operations
- Processed and Made Concentrate<sup>2</sup>



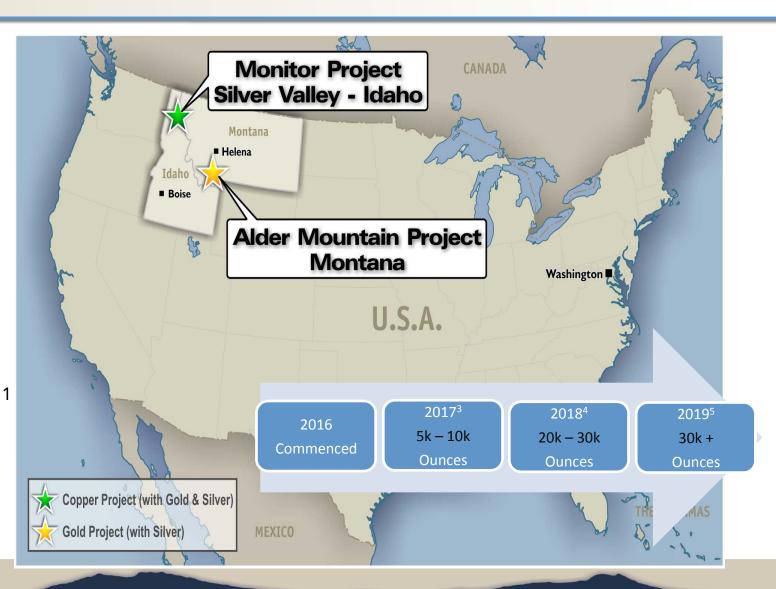
<sup>1</sup> Equivalent Au based on US \$1200 Au and US \$15.80 Ag, See Appendix B.

<sup>&</sup>lt;sup>2</sup> Full-scale production decision has not been made. Current production decision is based on testing plant capability and has not been based on a feasibility study or mineral reserves.

## 2017 PLAN AHEAD - US GRANT MINE



- US Grant Complex Equipped mine, onsite mill and processing facilities – presently trial mining and milling.<sup>1</sup>.
- Mill capacity recently upgraded from 40 to 150 ton per day (tpd) (275% increase).
- Production goal of 5-10k ounces gold equivalent (Au Eq)<sup>2</sup> in 2017.<sup>1</sup>



<sup>&</sup>lt;sup>1</sup> Full-scale production decision has not been made.

<sup>&</sup>lt;sup>2</sup> Equivalent Au based on US\$1200 Au and US\$15.80 Ag

<sup>&</sup>lt;sup>3</sup> Subject to grade and 150 tpd at Mill and Asset Purchase

<sup>&</sup>lt;sup>4</sup> Subject to grade and 300 tpd at Mill and Asset Purchase

<sup>&</sup>lt;sup>5</sup> From 2019, subject to 300 tpd plus toll milling

## WORLD CLASS MANAGEMENT TEAM & BOARD

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#### **Bernie Sostak, Chief Executive Officer (CEO)**

Commercial Geologist, B.Sc., Diploma Business, MAusIMM, with over 25 years' experience in the gold mining industry, most recently as General Manager of Business Development and Technical Services for ASX-listed Northern Star Resources. Served as Director of Resource & Reserve Strategy for Barrick Gold. Extensive experience includes exploration through resource estimation, feasibility studies, mine planning/commissioning, project evaluation and target generation.

#### Ray Parry, Chairman (Non-Executive Director)

Ray holds degrees in accounting and finance and an MBA in International Business. He is a Fellow member of the Certified Practicing Accountants of Australia and has over 30 years' experience in sectors including Mining, Manufacturing, Banking, Oil & Gas. Currently, Ray is the CFO/Company Secretary of Hanking Gold Mining. Prior, he was CFO at Northern Star Resources. Other roles included senior management positions at St. Barbara, Kerr McGee (USA) / Tronox & Bankwest.

### Michael Hulmes, (Non-Executive Director)

Over 30 years' experience in Australia, Papua New Guinea, Portugal, Spain, Saudi Arabia & Tanzania. He is a former Managing Director of Somincor responsible for the Neves-Corvo & Aguablanca Mines in Portugal & Spain, respectively. Prior, Mike was General Manager Operations at Ok Tedi Mine, COO at Citadel Resources, General Manager Australian Operations, Barrick Australia, responsible for 5 mines, and General Manager of the Plutonic Gold Mine in Western Australia.

#### Ron Krusemark, VP Operations (North America)

Highly experienced and skilled Mine Engineer/ Project specialist with a BSc in Mine Engineering from the Montana School of Mines. He has extensive engineering, operations & project experience in open pit & underground mines. Ron has a proven record of delivering projects on time and on budget. He has successfully increased production rates and extended mine lives in a cost effective and operationally efficient manner.

### **CORPORATE SUMMARY**

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Exciting Investment	
Opportunity, Montana U	IS

Drill, mine and produce gold and silver concentrate from known high-grade, multiple vein system

Lease Agreement

Leasing US Grant Mine/Mill complex with exclusive option to acquire 100% ownership of Mine, Plant and Equipment<sup>1</sup>

Permitted Mine/Mill

Currently drilling, blasting & stockpiling mineralized material at US Grant Mine along with on-site trial processing, gaining 100% of revenue to the Company

NI 43-101 and PEA

Initial and Maiden Mineral Resource Estimate of 7,000 Au Eq ounces Measured & Indicated, 43,800 Au Eq ounces Inferred<sup>2</sup> and Preliminary Economic Assessment (PEA) completed December 2016

Conceptual Exploration Target

Initial US Grant Phase 1 drilling program completed; 400,000 – 600,000 Au Eq ounces in the district at 0.15-0.30 opt Au Eq³

World-class Management Team & Board

Proven team to manage and operate mines safely and efficiently with focus on revenue margin

80% Earn-in Opportunity

Completed farm-in ownership of Monitor Copper/Gold/Silver Asset in 2016<sup>4</sup>

<sup>&</sup>lt;sup>1</sup> News Release 23 January 2016

<sup>&</sup>lt;sup>2</sup> Appendix A Mineral Resource Estimate

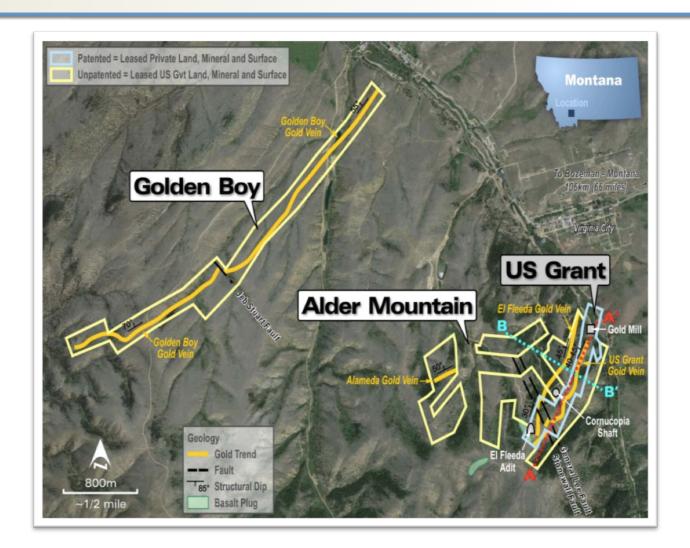
<sup>&</sup>lt;sup>3</sup> Technical and economic viability of mineral resource has not been demonstrated. Equivalent Au based on US \$1200 AU and US \$15.80 Aq. See Appendix C

<sup>&</sup>lt;sup>4</sup> Subject to December 2016 year end financials

## US GRANT GOLD/SILVER MINE & MILL



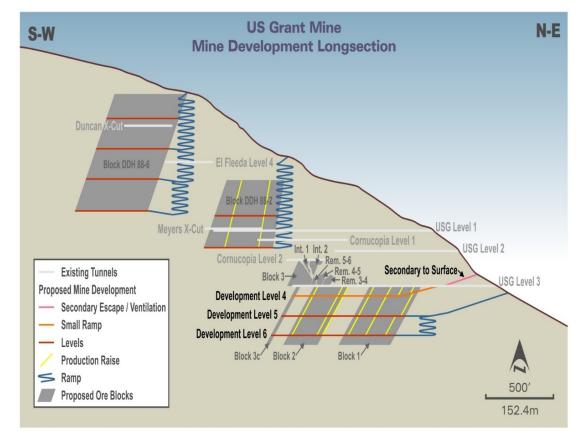
- Group of patented and unpatented claims within the Alder Mountain Project (AMP).
  - 535 acre total land package, 5 patented and 28 unpatented claims in AMP
- Located in the Virginia City Mining District of Madison County, Montana, host to first gold discovery in Montana
- District has produced over 9 million ounces gold and silver.
- Mine, onsite mill and tailings facility are fully permitted and currently in trial development.



## **US GRANT GOLD/SILVER MINE & MILL**



- Initial and Maiden NI43-101 compliant Mineral Resource Estimate and PEA completed in December 2016<sup>1</sup>
- Mineral Resource Estimate as at June 30, 2016 based on mapping and sampling information<sup>2</sup>
  - Measured & Indicated = 7,000 Au Eq. oz
  - Inferred = 46,800 Au Eq. oz
- Preliminary Economic Assessment (PEA) based on above<sup>3</sup>:
  - NPV(5%) of US \$7.3 M
  - AISC (All-in-Sustaining Cost) of US \$905/Au Eq. oz<sup>4</sup>
  - IRR of 278%
- Permits in place for PEA activities at the US Grant Mine and Mill.



<sup>&</sup>lt;sup>3</sup> Excludes Corporate Tax

<sup>&</sup>lt;sup>1</sup> News Release 12 December 2016 <sup>2</sup> Appendix A Mineral Resource Estimate

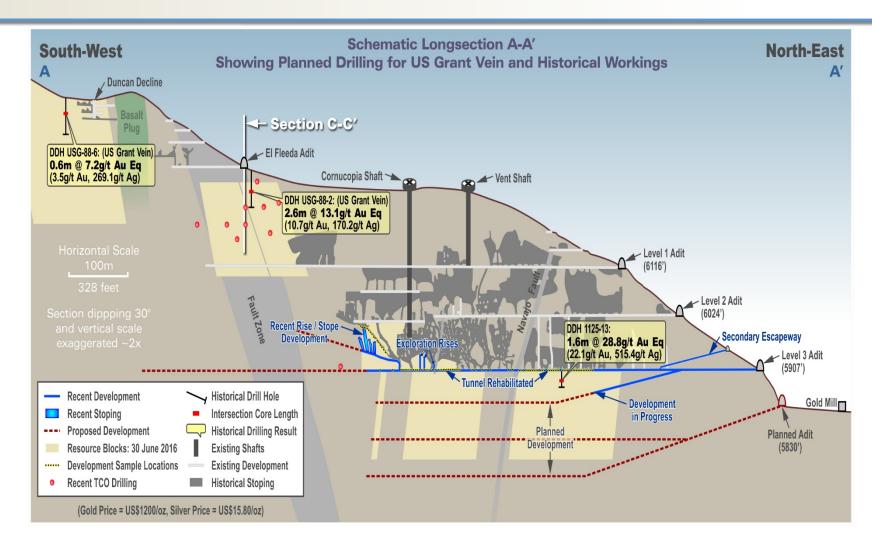
<sup>&</sup>lt;sup>4</sup> Au Eq. based on US\$1350 Au and \$19 Aq (economic model)

### **US GRANT MINE**



- Only limited amount of exploration drilling during its history.
- The US Grant Vein is primary production target.
- Phase 1 Drilling Program completed in Q4 2016<sup>1</sup>

<sup>&</sup>lt;sup>1</sup>Not included in Mineral Resource Estimate

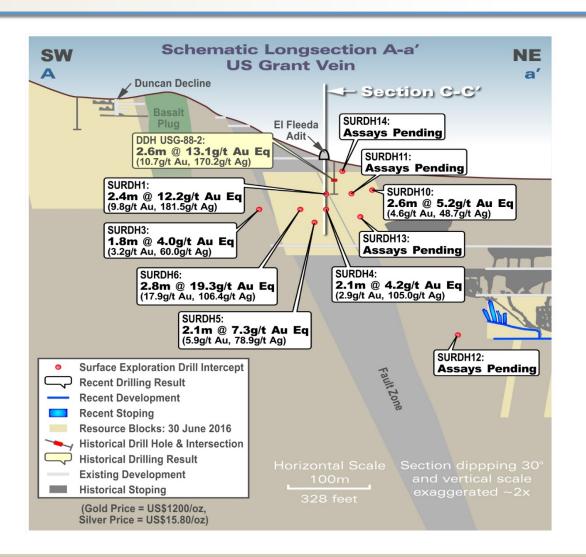


# **US GRANT - DRILLING ASSAY RESULTS (PHASE 1)**



- Phase 1 Surface Drilling Program completed Q4 2016<sup>1</sup>
- 14 completed holes

- 8 assay results released<sup>2,3</sup>
  - SURDH#6 (2.7 m): 0.564 troy opt (19.3 g/t Au Eq)
  - SURDH#1 (1.8 m): 0.357 troy opt (12.2 g/t Au Eq)

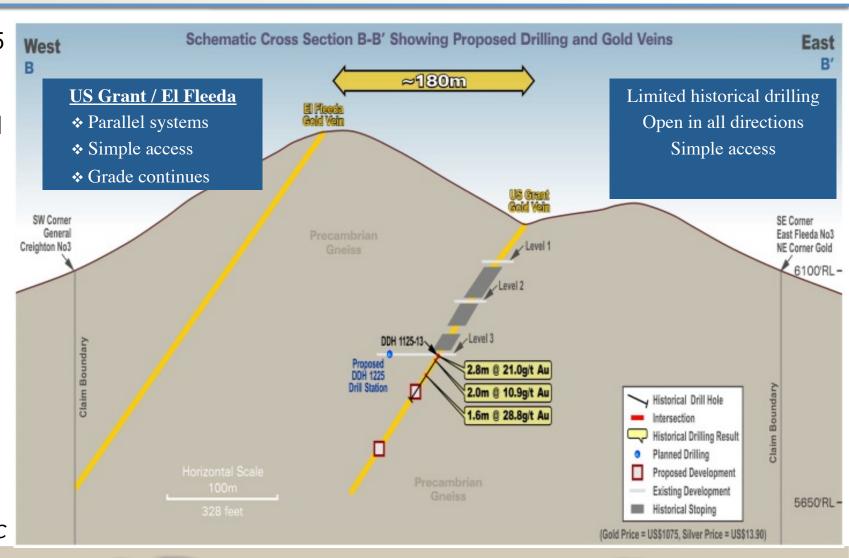


<sup>&</sup>lt;sup>1</sup>Not included in Mineral Resource Estimate <sup>2</sup>Appendix B for all available Phase 1 Assay Results <sup>3</sup>Equivalent Au based on US\$1200 Au and US\$15.80 Ag

### **US GRANT - VAST EXPLORATION POTENTIAL**



- Gold-Silver quartz vein(s), dipping 45 degrees, 0.5 to 7.0 meters
- 1,200 m long, only 600 m developed
- El Fleeda exploration opportunity,
   1250 m, only 180m from existing US
   Grant Vein
- Golden Boy two vein sets underexplored over a combined length of 7.9 km
- Alder Gulch District ~1,500 known veins similar to the US Grant Vein
- 400,000 600,000 Au Eq oz at
   0.15-0.30 opt Au Eq<sup>1</sup> 
   <sup>1</sup>Appendix C



## **US GRANT - TIMELINE**



	2016					17		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Lease Agreement	•							
Due Diligence	•	•						
Financing C\$ 4 M Raise Completed				•				
<b>Exploration Development Mining</b>		•	•	•	•			
Surface Drilling				•				
NI 43-101 Mineral Resource & PEA				•				
US Grant Mill Upgrade (to 150 tpd capacity)				•				
Trial Mining and Milling/Processing (1000 tpm)					•	•	•	•
First Concentrate Processed (first revenue)					•			
Election to Purchase (Exercise option)						•		
Evaluate M&A with Suited Finance						•	•	•

## **US GRANT - LEASE / PURCHASE AGREEMENT**

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#### **US GRANT LEASE/PURCHASE OPTION**

- ➤ 16-month lease ending May 2017, exclusive option to acquire 100% of Mine and Mill
- > Three US\$2 million instalments May 2017, May 2018 and May 2019 (US\$6 million in total)
- > 100% of revenue to TCO during lease term
- Upon execution of purchase option, TCO will have 100% ownership of entire US Grant Complex and Alder Mountain Project (no royalties, debt or NSRs)
- No share issuance or contingent payment due to vendor







## MONITOR COPPER/GOLD/SILVER PROJECT



- 80% Earn-in option (US\$2.1M) on historic Monitor Project in Coeur D'Alene (Silver Valley), Idaho – second largest silver producing area in the world.
- Comprises 20 unpatented claims and 402 acres. 4 Historical Mines: Monitor, Richmond, St. Lawrence and Copper Age.
- 2 known structures, Monitor and Richmond Veins; Monitor known strike 1500 m, up to 10 m wide, 600 m deep



- 5 historic vertical shafts: one 213 m on Monitor Vein plus 4 closely spaced shafts on Richmond Vein from 12 to 53 m.
- Monitor Mine (1891) mined until 1910 when fire destroyed all above ground infrastructure destroyed; Property has remained dormant since late 1920s.
- NI 43-101 compliant report on the Geology and Mineralization of the Monitor Mine Property completed February 2013

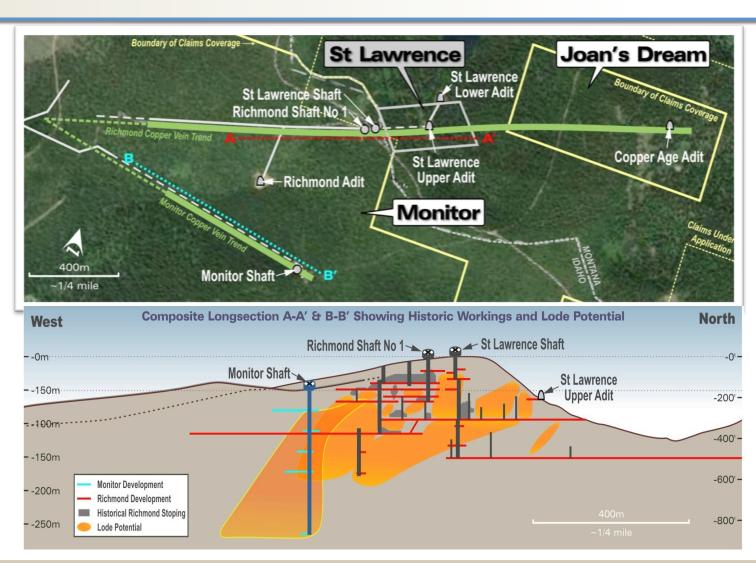
#### Region produced:

Silver	+1.2 Billion ounces
Lead	8.3 Million tons
Zinc	3.3 Million tons
Copper	207,000 tons
Gold	529,000 ounces

## MONITOR COPPER/GOLD/SILVER PROJECT



- Monitor average historical copper grade produced was ~15% Cu with highest reported grade of 30.5%
  - + Historical associated metals accompanying Cu: Au 7.2 g/t, Ag 22.5 g/t
- Richmond average historical copper grade produced was 7.5% Cu
  - + Historical associated metals accompanying Cu: Au 3-10 g/t, Ag +30 g/t
- Predominant sulphide species is chalcopyrite and pyrite and these grades are supported by recent drilling and underground exploration.



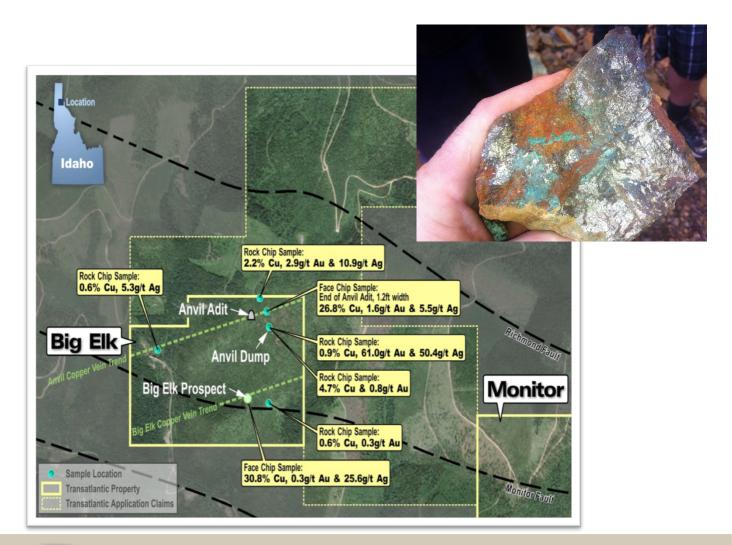
### MONITOR PROJECT - EXPLORATION UPSIDE

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#### **BIG ELK PROSPECT**

- Massive sulphide deposit at surface, including a high-grade, Cu sample of 30.8%
- Known veins and adits
- High-grade Cu along 800+ m strike on two veins - Monitor and Richmond
- Potential for additional interposed veins along strike



## WHY INVEST IN TRANSATLANTIC?

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Rehabilitation of US Grant Mine/Mill and trial mining/processing ongoing

**US Grant Exploration Target** 

1.7 – 2.6 million tons, 400,000 – 600,000 Au Eq ounces, 0.15-0.30 opt Au Eq<sup>1</sup>

**Upgraded On-Site Mill** 

US Grant Mill upgraded from 40 to 150 tpd capacity (275% increase) with potential for expansion to 300 tpd (2019).

80% Earn-in Complete

Monitor Copper Project 80% farm-in complete.<sup>2</sup>

High Grade Resources

High grade gold and copper mineralization identified by initial drilling programs.

**Exploration Opportunity** 

Vast exploration potential on both properties; future drilling programs developed.

World-class Management Team & Board

Highly experienced, dedicated team with proven track record of operating major, high-grade, narrow underground mines safely and efficiently

Growth

Potential opportunities to {lease, JV, farm-in, acquire} neighbouring mineral claims.

## CORPORATE STRUCTURE

TSX-V: TCO



MANAGE	MANAGEMENT TEAM & BOARD					
CEO	Bernie Sostak Geology, 25+ yrs experience					
Chairman (Independent Director)	Ray Parry Finance, 30+ yrs experience					
Independent Director	Michael Hulmes Engineering, 25 yrs experience					
VP Operations Management	Ron Krusemark Engineering, 20 yrs experience					

Shares on Issue as of January 18, 2017	214,969,885
Warrants on Issue: (20.42M @ 10.0c-12.5c in 2018-2019)	52,038,175
Options on Issue: (2,286,000 @ \$0.10 expire Apr & Dec-2017, and 21,500,000 @ \$0.10 expire 2018)	23,786,000
Fully diluted shares	290,794,060
Current Share Price (March, 2017)	3 cents



**TCO Management ownership 20%** 



## **Investor Enquiries**

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## APPENDIX A - MINERAL RESOURCE ESTIMATE1

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Resource Class	Cutoff EqAu (oz tr/sh ton)	Total Sh Tons (Undiluted)	Au Grade (oz tr/sh ton)	Ag Grade (oz tr/sh ton)	Equivalent Au grade (oz tr/sh ton)	Au Troy Ounces	Ag Troy Ounces	Equivalent Au Troy Ounces
Measured	0.09	14,100	0.16	7.0	0.25	2,300	98,100	3,600
Indicated	0.09	13,500	0.16	7.2	0.26	2,200	97,000	3,500
Measured + Indicated	0.09	27,600	0.16	7.1	0.26	4,500	195,100	7,000
Inferred	0.09	165,000	0.18	7.7	0.28	30,000	1,278,400	46,800

<sup>\*</sup>Equivalent Au based on USD \$1200 Au and USD \$15.80 Ag

<sup>1</sup>Mineral Resources are not mineral reserves and do not have demonstrated economic viability. All figures have been rounded to reflect the relative accuracy of the estimates.

<sup>\*</sup>Figures may not total due to rounding of significant figures

# APPENDIX B - DRILLING ASSAY RESULTS (2016)

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Hole #	fro m (ft.)	to (ft.)	true width (ft.)	Au opt	Ag opt	Au Eq. opt	Au g/t	Ag g/t	Au Eq. g/t
SURDH#1	159	167.7	5.9	0.286	5.3	0.357	9.8	181.52	12.24
Includes			4.4						14.2
SURDH#3	122	128	3.5	0.093	1.8	0.116	3.19	60	3.99
SURDH#4	198	205	6.7	0.083	3.1	0.124	2.86	104.96	4.24
SURDH#5	201	207.6	6.4	0.172	2.3	0.203	5.9	78.88	7.33
Includes			2.1						16.9
SURDH#6	177.4	186.7	8.9	0.522	3.1	0.564	17.91	106.44	19.35
Includes			2.8						36.8
SURDH#8	191.5	195	3.3	0.195	3.1	0.237	6.68	107.26	8.09
SURDH#9	178.5	187.5	6.8	0.068	2.2	0.097	2.33	75.97	3.33
SURDH#10	268	276.5	6.1	0.133	1.4	0.152	4.55	48.75	5.19
Includes			2.0			_			10.2

Equivalent Au based on US \$1200 Au and US \$15.80 Ag

See News Release 19 January 2017 for further information

## APPENDIX C - EXPLORATION TARGET POTENTIAL<sup>1</sup>

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Exploration Area	Tons (range)	Tons (median)	Au opt	Ag opt	Au Eq. opt	Au Eq.	Drill Footage
US Grant Vein - Underground drilling	236,000 - 354,000	295,000	0.18	8.4	0.29	85,550	37,500
US Grant Vein - Surface USG-88-2 block	236,000 - 354,000	295,000	0.32	5.0	0.38	112,100	31,000
US Grant Vein - Surface USG-88-6 block	228,000 - 342,000	285,000	0.10	7.9	0.20	57,000	18,000
El Fleeda Vein - Surface drilling	452,000 - 678,000	565,000	0.15	4.0	0.20	113,000	32,000
Golden Boy Claims Group	278,000 - 417,000	348,000	0.15	4.0	0.20	69,600	6,500
Lee Fault Zone	320,000 - 480,000	400,000	0.15	4.0	0.20	80,000	7,500
Totals:	1,750,000 - 2,625,600	2,188,000	0.17	5.2	0.24	517,250	132,500

<sup>1</sup>Exploration target for the project is conceptual in nature and in the range of 400,000 to 600,000 ounces Au Eq. at 0.15 ounce/ton to 0.3 ounce/ton Au Eq.

The potential quantity and grade is conceptual in nature as there has been insufficient exploration to further define a mineral resource above what is stated in the mineral resource estimation. It is uncertain whether further exploration will result in the exploration target being delineated as a mineral resource.

PEA estimate does not reflect the full allocation of funds required to drill test this exploration potential.

Equivalent Au based on US \$1200 Au and US \$15.80 Ag.

Vein thickness averages 3-5 ft and 400-1200 ft were used in these target size estimates.