



**CMX GOLD & SILVER CORP.**



# CLAYTON SILVER PROJECT SEPTEMBER 2022

**CSE: CXC | OTC: CXXMF**

[www.cmxgoldandsilver.com](http://www.cmxgoldandsilver.com)



# Clayton is a High-Quality Asset



- Advanced exploration project with excellent potential for additional deposits.
- Existing data highlights low risk upside from drilling programs.
- Deal in place to use ore-sorting technology to high-grade mine stockpile for processing at a toll mill/smelter.
- Clayton has year round access and Idaho is a mining-friendly jurisdiction.



# Clayton Historical Mine Production



## Mine Recorded Historical Production:

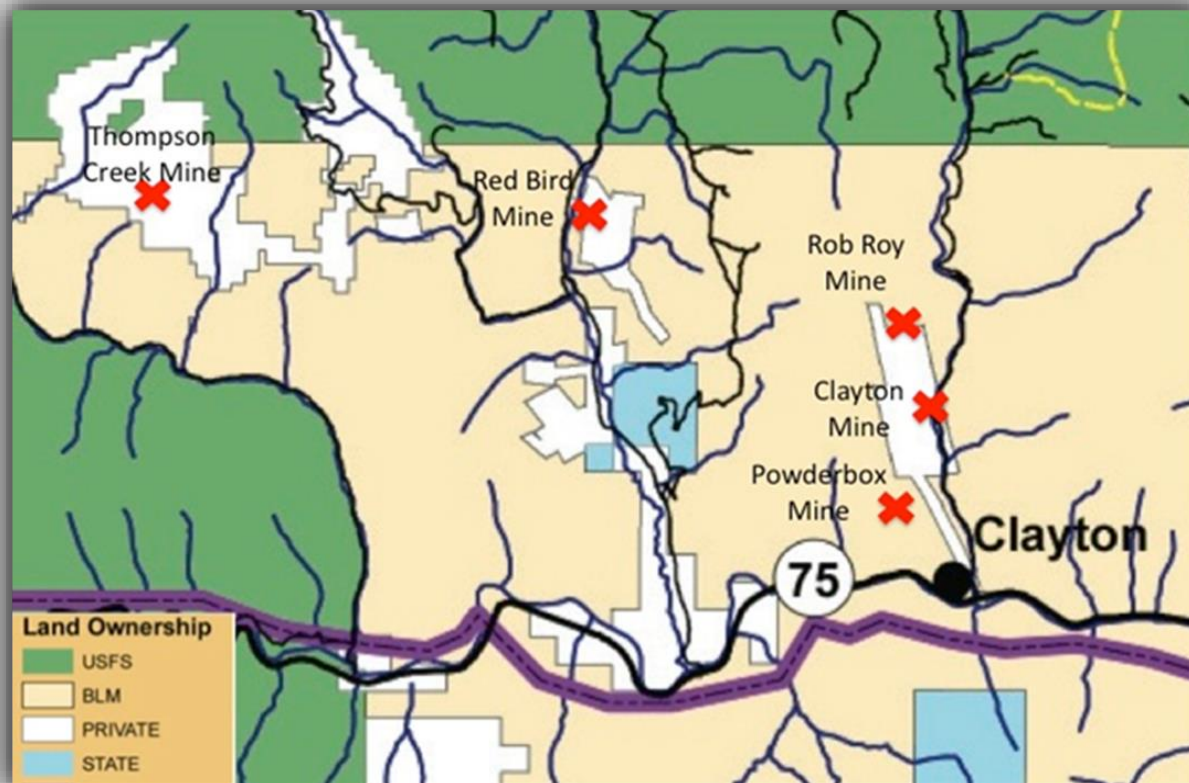
Tonnes of Ore milled	2,145,000
• Silver (ounces)	7,031,110
• Lead (lbs)	86,771,527
• Zinc (lbs)	28,172,211
• Copper (lbs)	1,664,177
• Gold (ounces)	1,454

*Based on spot metals prices in USD for demonstration purposes and not intended to represent fair value of historical production: Silver \$21.00/oz, Lead \$1.00/lb, Zinc \$1.65/lb, Copper \$3.61/lb, Gold \$1800/oz:*

<b>Gross Value</b>	<b>USD \$290,000,000</b>
<b>Gross Value per Tonne</b>	<b>USD \$135.00</b>



# Clayton Silver Mine Location



- Located in south-central Idaho, USA
- Accessible year round; paved road to site
- No drilling permits required for patented claims



# Clayton Silver Mine, Idaho





# Clayton Silver Project



## Property Details:

- The Clayton Silver Mine is an example of a replacement deposit in carbonate rocks.
- 565 acres of 29 patented mining claims and 2 patented mill sites, plus 119 acres of 6 unpatented BLM lode claims; new staking program underway.
- Patented claims include surface ownership rights.
- No government royalties, minimal property maintenance costs.
- No legacy environmental issues.



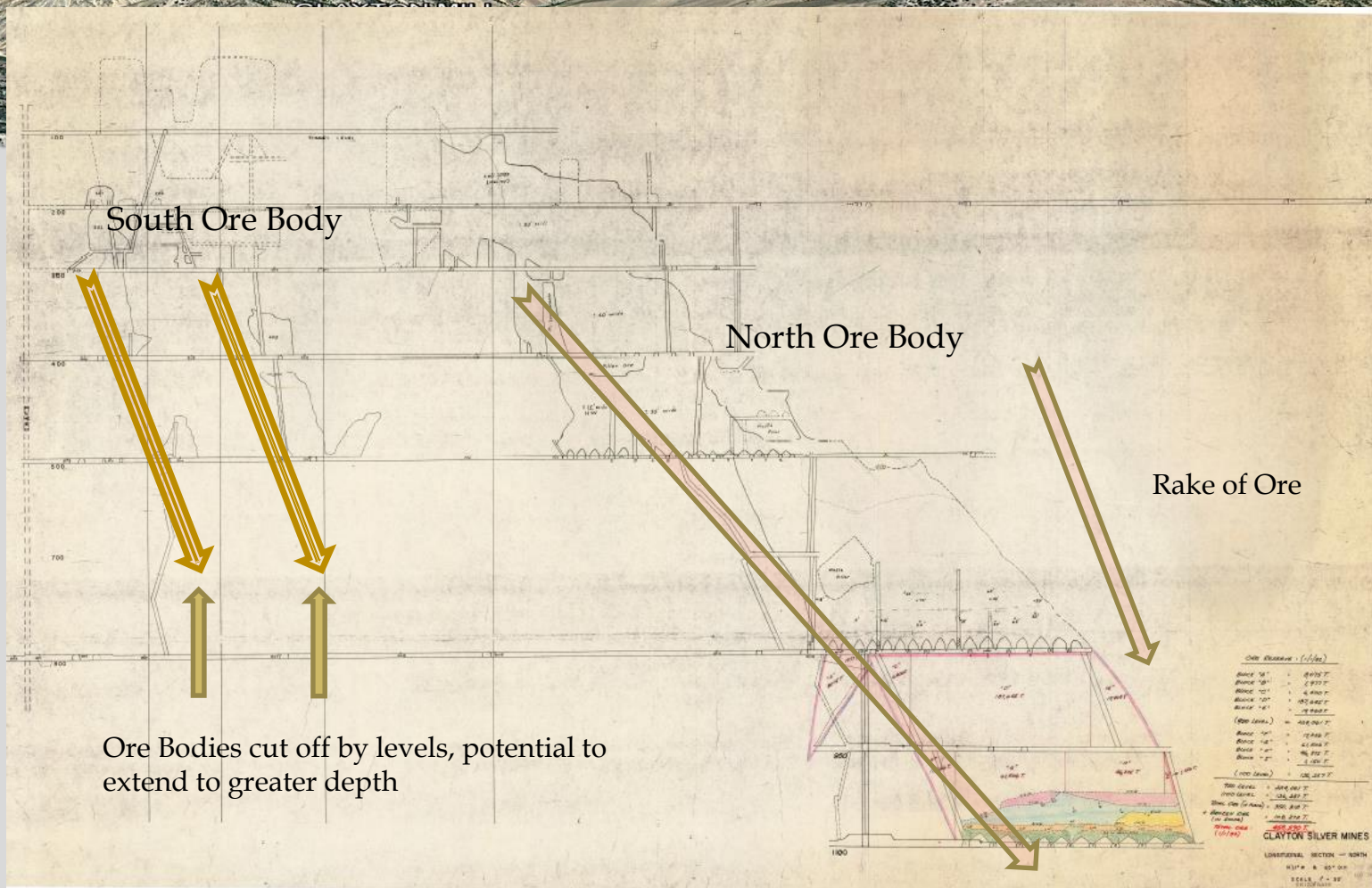
# Historical Data



- Clayton Mine developed on 8 levels to 1100 ft depth with 19,690 feet of underground development.
- Two major ore bodies developed: “South” & “North”.
- Mine records indicate mineable ore in North Ore Body at time of closure.
- Additional tonnage down to 1530 ft level not mined.
- Interpretation indicates open to depth - additional potential east and west of South Ore Body workings.



# Longitudinal of Workings



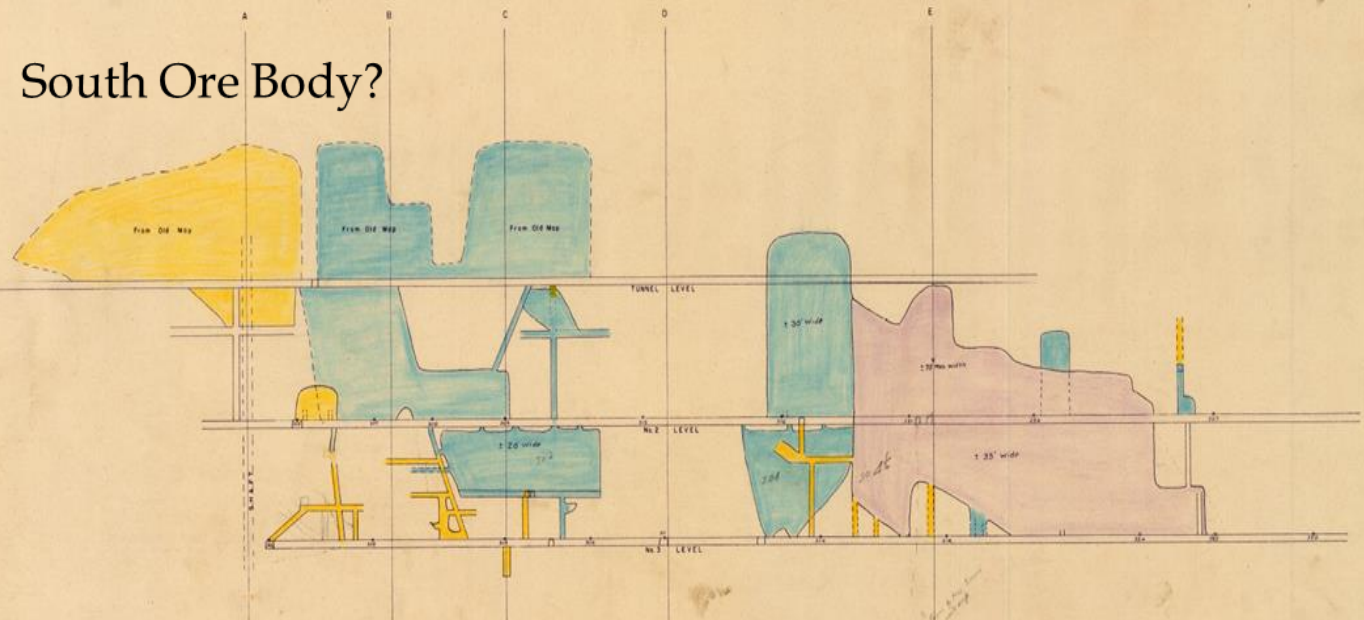




# Mine Longitudinal Section



## South Ore Body?



## CLAYTON SILVER MINES

LONGITUDINAL SECTION  
 LOOKING WESTWARD  
 SCALE 1" = 50'

Section taken on plane of ore shoots - 75° Dip and N11°W Strike  
 northward from Sec. A & S 19°W from Sec. A

- FOOTWALL STOPES
- HANGING WALL STOPES
- STOPED - WALL TO WALL

March 1946 - M.M.S.  
 Cl 1208 m 037

North Ore Body  
 -Mined to 1100 Level,  
 -extends to at least 1530 feet  
 below surface

## CLAYTON SILVER MINES

LONGITUDINAL SECTION  
 LOOKING WESTWARD  
 SCALE 1" = 50'

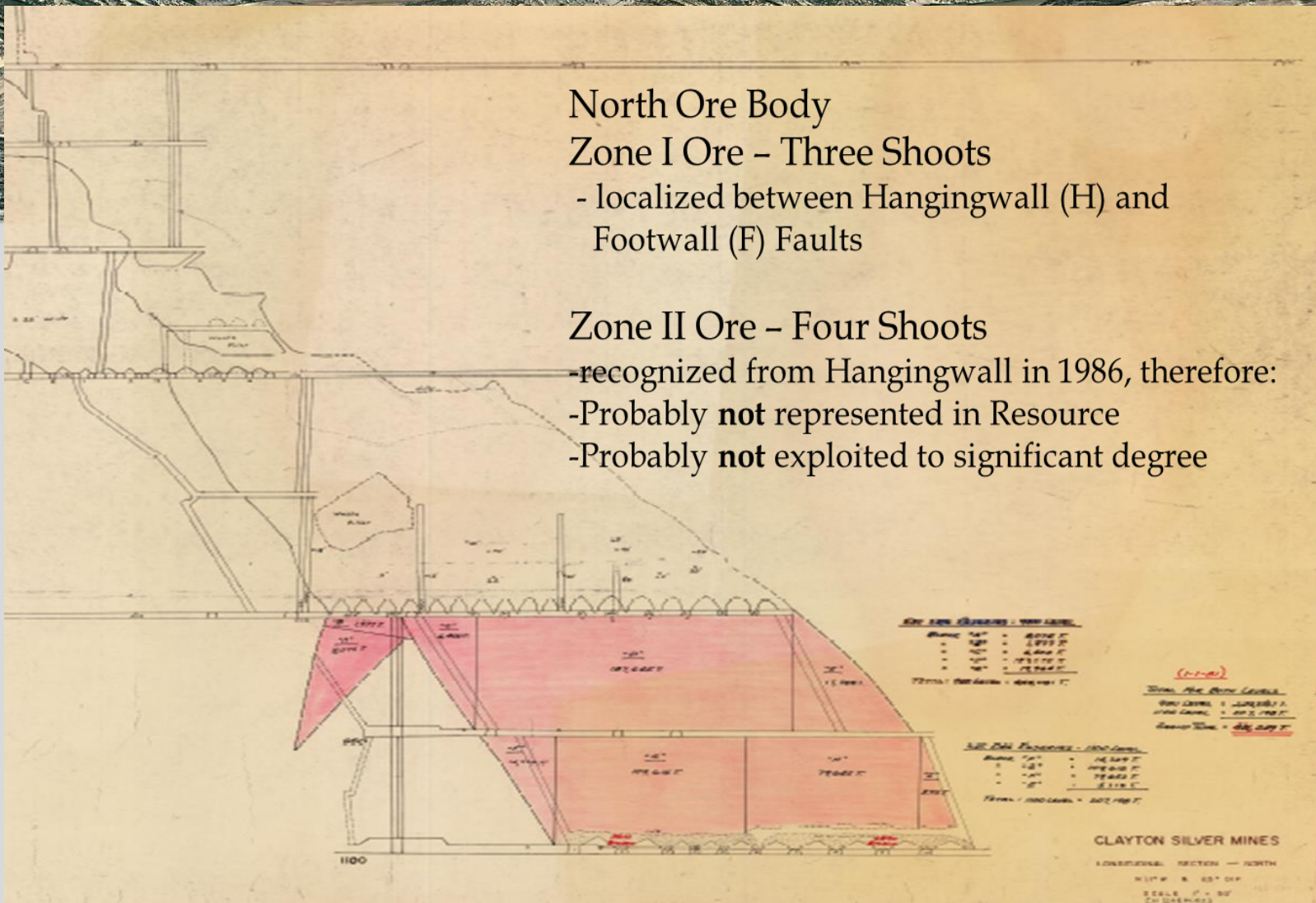
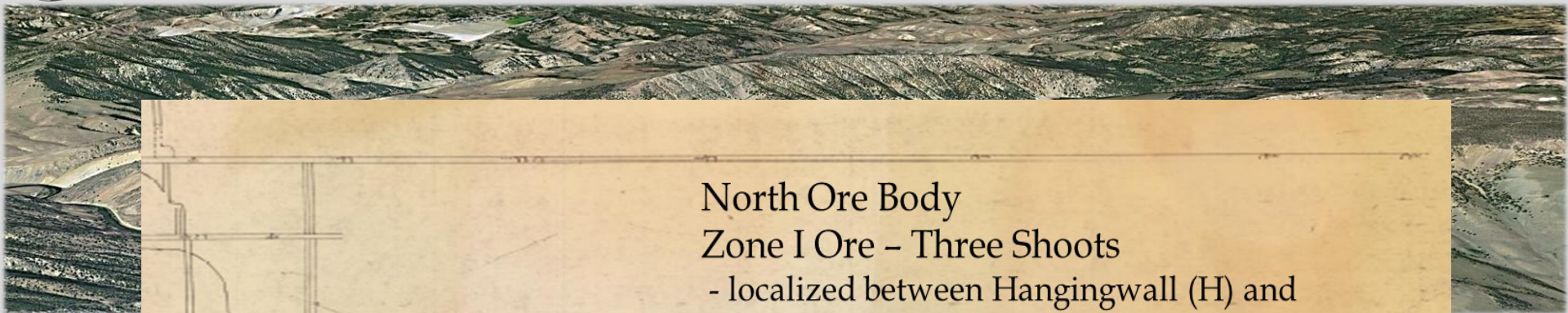
Section taken on plane of ore shoots - 75° Dip and N11°W Strike  
 northward from Sec. A & S 19°W from Sec. A

- FOOTWALL STOPES
- HANGING WALL STOPES
- STOPED - WALL TO WALL

March 1946 - M.M.S.  
 Cl 1208 m 037



# Mine Historical Ore Bodies





# Historical Drilling



## Previous drill holes suggest upside potential:

- Confirms North Ore Body mineralization below 1100 ft depth of old mine workings to at least 1500 ft depth.
- 1960s drill hole 1501-A intersected 22 ft of mineralization at 1425 ft level with grades of: silver 4 oz/ton, lead 5.75%, zinc 5.37%.\*

*\*NI 43-101 Report dated March 7, 2013 by Dr. J. Thomson*



# Clayton Silver Mine Operations



## Small Mining Operations 1935 – 1986:

- Absentee owner in 1980s used older mining methods.
- Inferior mining techniques and old processing equipment diluted grade milled.
- Mining ended in mid-1980's due to low metal prices (silver < \$6/oz, lead < \$0.20/lb) ***with active mine operations still in mineralization.***



# Clayton Mine Stockpile





# Mine Stockpile Potential



- 2014/15 sampling program of 3,000 kgs from stockpile: 16 locations assayed gold 0.80 gms/t, silver 24.31 gms/t, lead 0.44%, zinc 0.27%.
- Unprocessed material of up to 1,000,000 tonnes.
- Contract with Sulphide Remediation, Inc. (SRI) a firm specializing in mineral processing.
- SRI testing stockpile samples in ore-sorting facility in Sydney, Australia with results pending; stockpile processing planned for 2023.



# Stockpile Exploitation



- SRI utilizes precision ore-sorting technology to enhance grade of unprocessed stockpile rock.
- Potential to improve grades up to tenfold.
- High-graded stockpile would be ready for delivery to toll mill/smelter.
- Goal is to generate cash flow in 2023.



# Clayton Exploration Plans



## 2022 objectives:

- Stake new claims on federal land contiguous to existing patented claims.
- Complete testing of ore-sorting technology for best application for mine stockpile.
- Plan initial shallow diamond drilling program to test targets in vicinity of South Ore Body.
- Further drilling to test for new veins parallel to existing mine workings.





# Clayton Drilling Program



**(funding dependent)**

**Phase 1 – One year \$1,077,500 program**

- Geophysics – CAD \$60,000
- Drilling 7500 feet with assays  
– CAD \$1,017,500



# Additional Exploration



- Conduct further drilling programs on Clayton property with the objective of determining total resource potential to support a PEA.
- Leverage drilling results to test for source of mineralization with potential of discovering a deeper world-class deposit.



# Clayton Long Term Objectives



## Long term objectives:

- Build a modern, efficient custom mill.
- Refurbish/rebuild the historic underground mine workings.
- Reactivate mining operations at the Clayton Silver Mine.
- Investigate other potentially economic mining opportunities in the vicinity.



# Company Contact



## Jan Alston

President & C.E.O.

(403) 457-2697

[janalston@cmxgoldandsilver.com](mailto:janalston@cmxgoldandsilver.com)

*The technical and scientific information contained in this presentation has been reviewed by Richard Walker, M.Sc. (Geology), P. Geo., the Company's Qualified Person as defined in National Instrument 43-101.*

*Additional information can be obtained from the Company's website: [www.cmxgoldandsilver.com](http://www.cmxgoldandsilver.com). Also, the National Instrument 43-101 Clayton Report is filed on SEDAR at [www.sedar.com](http://www.sedar.com)*



# Forward-Looking Statements



This presentation includes certain “forward-looking statements” within the meaning of Canadian securities legislation. All statements, other than statements of historical fact, included herein, without limitation, and the use of net proceeds are forward-looking statements. Forward-looking statements involve various risks and uncertainties and are based on certain factors and assumptions. There can be no assurance that such statements will prove to be accurate, and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from the Company’s expectations include uncertainties related to fluctuations in gold and other commodity prices and currency exchange rates, uncertainties relating to interpretation of drill results and the geology, uncertainty of estimates of capital and operating costs, the need for cooperation of government agencies in the development of the Company’s mineral projects, the need to obtain additional financing to develop the Company’s mineral projects, the possibility of delay in development programs or in construction projects, and uncertainty of meeting anticipated program milestones for the Company’s mineral projects.