

Mines & Money November 2016 Graham Hill, President & CEO



### Silver Bear Resources Forward Looking Statement

#### **Cautionary Statement Regarding Forward-Looking Information**

This presentation and subsequent oral statements made by and on behalf of the Company may contain forward-looking statements, which reflect management's expectations. Wherever possible, words such as "intends", "expects", "plans", "scheduled", "estimates", "anticipates", "believes" and similar expressions or statements that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved, have been used to identify these forward-looking statements. Although the forward-looking statements contained in this release reflect management's current beliefs based upon information currently available to management and based upon what management believes to be reasonable assumptions, Silver Bear cannot be certain that actual results will be consistent with these forward-looking statements. A number of factors could cause events and achievements to differ materially from the results expressed or implied in the forward-looking statements. Such risks factors include but are not limited to risks factors identified by Silver Bear in its continuous disclosure filings filed from time to time on SEDAR. These factors should be considered carefully and prospective investors should not place undue reliance on the forward-looking statements. Forward-looking statements necessarily involve significant known and unknown risks, assumptions and uncertainties that may cause Silver Bear's actual results, events, prospects and opportunities to differ materially from those expressed or implied by such forward-looking statements. Although Silver Bear has attempted to identify important risks and factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors and risks that cause actions, events or results not to be as anticipated, estimated or intended. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, prospective investors should not place undue reliance on forward-looking statements. These forward-looking statements are made as of the date of this release, and Silver Bear assumes no obligation to update or revise them to reflect new events or circumstances, unless otherwise required by law.

Investors are advised that National Instrument 43-101 of the Canadian Securities Administrators requires that each category of mineral reserves and mineral resources be reported separately. Mineral resources that are not mineral reserves do not have demonstrated economic viability. Due to the uncertainty of measured, indicated or inferred mineral resources, these mineral resources may never be upgraded to proven and probable mineral reserves

Cautionary Note to U.S. Investors Concerning Estimates of Measured, Indicated or Inferred Resources

The information presented uses the terms "measured", "indicated" and "inferred" mineral resources. United States investors are advised that while such terms are recognized and required by Canadian regulations, the United States Securities and Exchange Commission does not recognize these terms. "Inferred mineral resources" have a great amount of uncertainty as to their existence, and as to their economic and legal feasibility. It cannot be assumed that all or any part of an inferred mineral resource will ever be upgraded to a higher category. Under Canadian rules, estimates of inferred mineral resources may not form the basis of feasibility or other economic studies.

United States investors are cautioned not to assume that all or any part of measured or indicated mineral resources will ever be converted into mineral reserves. United States investors are also cautioned not to assume that all or any part of an inferred mineral resource exists, or is economically or legally mineable.

#### Historical Resources

Note that the P1 and P2 resource estimates shown are historical in nature and do not use categories defined in NI 43-101 and thus are not compliant with CIM and NI 43-101 standards. The exact date of these estimates is unknown. Historical resource estimates are based on Russian reserve system and based primarily on trench and prospecting samples only. These resources are considered historical in nature under NI 43-101 and a qualified person under 43-101 has not done sufficient work to classify the historical estimate as current mineral resources. The Company is not treating the historical estimate as current mineral resources.

#### Qualified Person

Jacques du Toit, Pr.Eng., MSc.Eng., PMP and Robert Davies, B.Sc. (Hons), CGeol., EurGeol., PMP Eur.Ing. of Tetra Tech are Qualified Persons under National Instrument 43-101 and, has reviewed and approved the scientific and technical information in this presentation.

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### Silver Bear Resources Building Momentum

WORLD-CLASS High grade deposits, Vertikalny<sup>1</sup>: Indicated resource average grade increased 35% from 909 g/t Ag to 1,266 g/t Ag

QUALITY NI 43-101 Reserve/Resources include 22.5 Moz reserve<sup>2</sup> at 852 g/t Ag, 33.8 Moz Ag Indicated at 1,045 g/t Ag and 24.2 Moz Inferred at 511 g/t Ag

LOW COST Low CAPEX3: US\$49.9 M, open-pit operation low Cash Cost: US\$7.49/oz Ag

**STRONG** Economics NPV of US\$132.6 M (5%, pre-tax) / US\$123.1 (5%, post-tax) IRR of 86.1% (pre-tax) / 81.9% (post-tax); revised mine plan improved NPV and IRR significantly

SOLID Fully financed to production; 20-year Mining Licence secured with full permitting underway; Exploration Licence renewed for 7 years; full support of key Russian shareholders, as well as both the federal and local governments

**SIGNIFICANT** Exploration upside; strong potential for additional feeder pits; exploration and resource expansion continues along 35 km mineralised corridor

- Vertikalny resource update: August 8, 2016
- Reserve update: September 23, 2016, Mangazeisky project resource update Oct 14, 2016; reserves are included in the Indicated resource
- Feasibility Study update: October 4, 2016



### **Experienced Team & Board Diverse Skill Set**

### **MANAGEMENT TEAM**

Graham Hill, President, CEO & Director	Mining executive with +25 years experience building and operating mines internationally. Built mines in Africa for Anglo American and responsible for development and management of Oxus Resources Uzbekistan and Kyrgyzstan, Central Asia mines.
Derk Hartman, CFO	Mining executive with +15 years experience in international natural resource investment banking. Extensive experience with the stock exchange listing process, takeover rules and corporate governance for both Toronto and London markets.

### **BOARD OF DIRECTORS**

Chris Westdal, Non-executive Chairman	Former ambassador to Russia
Robin Birchall, Director	Former investment banker, mining & resource executive. Over 17 years experience financing mining companies globally
Trevor Eyton, Director	Former member of Canadian Senate
Boris Granovsky, Director	Managing Partner, Aterra Capital – major shareholder
Dominic Gualtieri, Director	Resource and mine finance executive
Alexey Sotskov, Director	Director, Inflection Management Corp major shareholder

# DEEP EXPERIENCE IN RUSSIA COMBINED WITH INTERNATIONAL AND CAPITAL MARKETS EXPERTISE

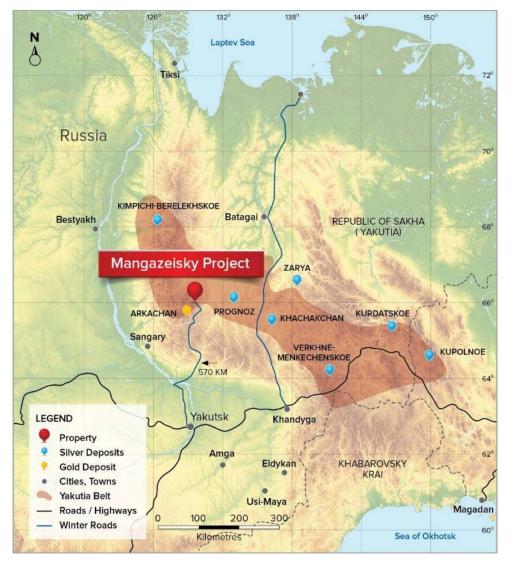




## **THE ASSETS** – Resource Expansion along 35 km Mineralised Corridor



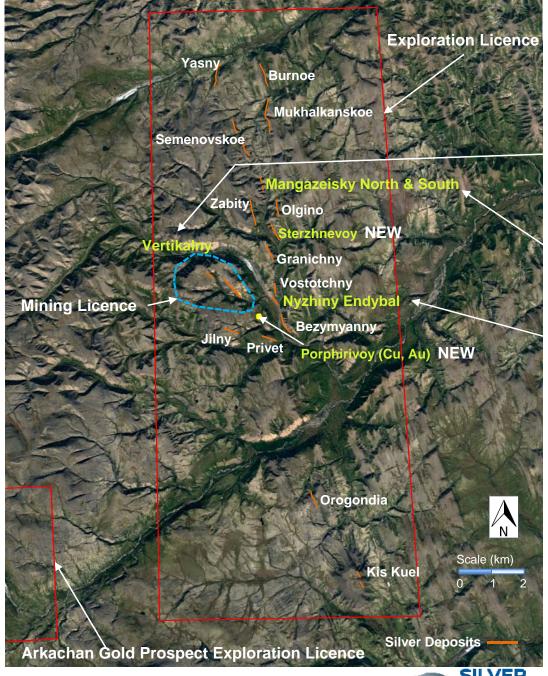
### Mangazeisky Silver Project The Yakutia Region





- Yakutsk capital of Russia's largest region
   Sakha Republic, one of the largest cities in Far East Russia
- Republic host various mining enterprises including one of the world's largest diamond miners
- Mining University in Yakutsk; significant mining experience in the region
- Targets with initial exploration data in our area with + billion ozs of silver potential





# Mangazeisky Licences Excellent Assets

Vertikalny – Update August 2016 43-101 Indicated Resource: 700 kt containing 27.7 Moz @ 1,227 g/t Ag; Inferred Resource – 550 kt containing 12 Moz @ 672 g/t Ag

Mangazeisky North & South – April 2016 NI 43-101 Maiden Indicated – 304 kt containing 6.1 Moz silver @ 626 g/t Ag; Inferred – 158 kt containing 2.6 Moz silver @ 510 g/t Ag

Nizhny Endybal – Re-stated June 2015 NI 43-101 Inferred Resource Restatement – 710 kt containing 7.2 Moz silver @ 316 g/t Ag

- Oct 2016 NI 43-101 maiden resources at Sterzhnevoy & Porphirovy deposits
- Exploration Licence renewed for further 7-year period on Sep 2016
- 35 km mineralised corridor
- +15 known targets with Russian P1
   & P2 resources providing opportunity for multiple pits suppling centralised process plant.

### Mangazeisky Silver Project NI 43-101 Resources & Reserves

	Indicated Resource		Inferred Resource			Proven & Probable Reserve			
Zone	Tonnes (t)	Grade Ag (g/t)	Contained Metal Ag (Troy oz)	Tonnes (t)	Grade Ag (g/t)	Contained Metal Ag (Troy oz)	Tonnes (kt)	Grade Ag (g/t)	Contained Metal Ag (koz)
Vertikalny Central	700,000	1,227	27,700,000	350,000	786	8,900,000	822	852	22,519
Vertikalny Northwest				200,000	476	3,100,000			
Nizhny Endybal				710,000	316	7,200,000			
Mangazeisky North	304,000	626	6,100,000	98,000	671	2,100,000			
Mangazeisky South				60,000	246	500,000			
Sterzhnevoy				48,000	1,530	2,360,000			
Silver Total	1.004,000	1,045	33,800,000	1,466,000	511	24,160,000	822	852	22,519

	Inferred Resource							
Zone	Tonnes (t)	Grade Au (g/t)	Grade Ag (g/t)	Grade Cu (%)	Contained Metal Au (Troy oz)	Contained Metal Ag (Troy oz)	Contained Metal Cu (lbs)	
Porphirovy	80,000	1.7	46	0.6	4,000	115,000	1,000,000	

Note – NI 43-101 mineral resources prepared by Tetra Tech; The effective date of the Vertikalny Central 8<sup>th</sup>July 2016 and Vertikalny Northwest Resource is 10<sup>th</sup> of February 2015. The effective date of the original Nizhny Endybal Resource estimate was 11<sup>th</sup> of September 2012, this resource was re-stated with a higher cut-off grade on the 10<sup>th</sup> of June 2015. The effective date of the Mangazeisky North is 31<sup>st</sup> of March 2016 and the Mangazeisky South resource is 10<sup>th</sup> of June 2015. The effective date of the Sterzhnevoy and Porphirovy Resource estimate is 27<sup>th</sup> of August 2016.

Note – The effective date of the mineral Reserve is 23<sup>rd</sup> September 2016. The Indicated Mineral Resource at Vertikalny Central are inclusive of the stated Mineral Reserves. Mineral Resources that are not Mineral Reserves do not demonstrate economic viability.



### Vertikalny Deposit: 2016 NI 43-101 Mineral Resource Update

### 2016 Vertikalny Resource

			Indicated Resources			Inferred Resource		
Zone	Assumed Mining Method	Cut-off Grade Ag (g/t)	Tonnes	Grade Ag (g/t)	Contained Metal Ag (Troy oz)	Tonnes	Grade Ag (g/t)	Contained Metal Ag (Troy oz)
	Open Pit	200	360,000	1,482	17,100,000	4,000	496	100,000
Vertikalny Central	Underground	350	340,000	959	10,600,000	350,000	789	8,800,000
	All	-	700,000	1,227	27,700,000	350,000	786	8,900,000
	Open Pit	200	-	-	-	110,000	430	1,600,000
Vertikalny Northwest	Underground	350	-	-	-	90,000	535	1,500,000
	All	-	-	-	-	200,000	476	3,100,000
Vertikalny Deposits Total	All	-	700,000	1,227	27,700,000	550,000	672	12,000,000

+35% increase in Grade from 2015 to 2016

### Mangazeisky Silver Project 2016 Feasibility Study Update

# ONE OF THE LOWEST CAPEX & HIGHEST GRADE SILVER DEPOSITS IN THE INDUSTRY

	October 2016	June 2016	Change
Tonnes per annum	110,000 tpa	110,000 tpa	-
Silver Production (LOM)	18.9 M ounces Ag	16.8 M ounces Ag	+12%
CAPEX	US\$49.9 M	US\$48.6 M	+3%
Production Costs	Cash Cost – US\$7.49/oz Ag Total Cost – US\$10.98/oz Ag	Cash Cost – US\$7.97/oz Ag Total Cost – US\$11.32/oz Ag	-6% -3%
Reserve Vertikalny Central	822 kt at 852 g/t Ag total 22.5 M ounces Ag	801 kt at 722 g/t Ag total 19.9 M ounces Ag	+18% +13%
IRR (pre-tax ) / IRR (post-tax)	86.1% / 81.9%	43.6% / 40.2%	+97% / +104%
NPV (5%) pre-tax/NPV (post-tax)	US\$132.6 M/ US\$123.1 M	US\$79.7 M/ US\$70.7 M	+66% / +74%
Payback (pre-tax)/(post-tax)	1.3 years /1.3 years	2.1 years /2.2 years	-38% / -41%

#### Notes Oct 2016 FS:

- Assumptions include a variable silver price of US\$19.65/oz, US\$18.57/oz, US\$19.62/oz, US\$19.79/oz, US\$19.72/oz and US\$19.92/oz during Q1 2017, Q2 2017, Q3/4 2017, 2018, 2019 and 2020 as well as the remaining project life, respectively, with a life-of-mine ("LOM") weighted average silver price of US\$19.76/oz. Exchange rate applied in the base case is RUB66.00/USD.
- Reserve is proven and probable and The Indicated Mineral Resource at Vertikalny Central are inclusive of the stated Mineral Reserves.
- For full details, refer to press release October 4, 2016, technical report filed on SEDAR on November 17, 2016.





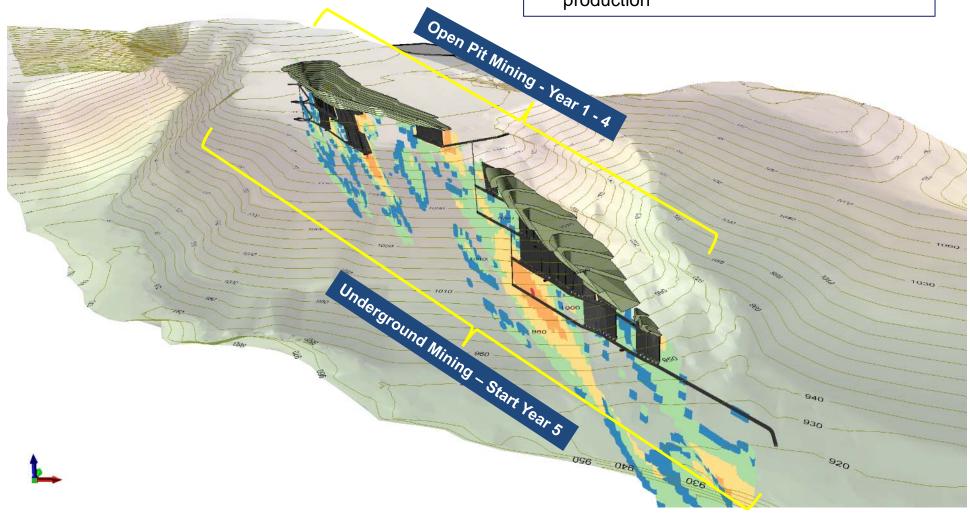
## **THE MINE PLAN** – Objective of Multiple Pits Suppling Centralised Plant



## Mangazeisky Silver Project Open Pit & UG Mining Plan

### **Near-Term Upside Potential**

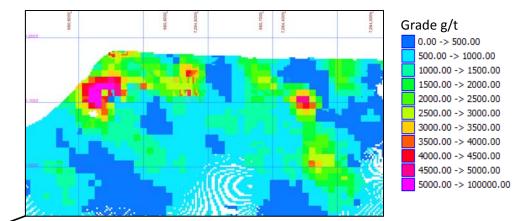
 Introduce Mangazeisky North ore which would add another 2.5 years to open pit production

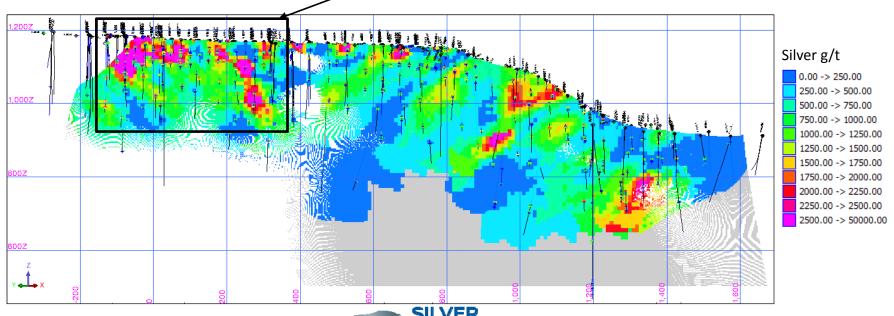


### **Vertikalny Deposit** Vertikalny Central – Grade Distribution

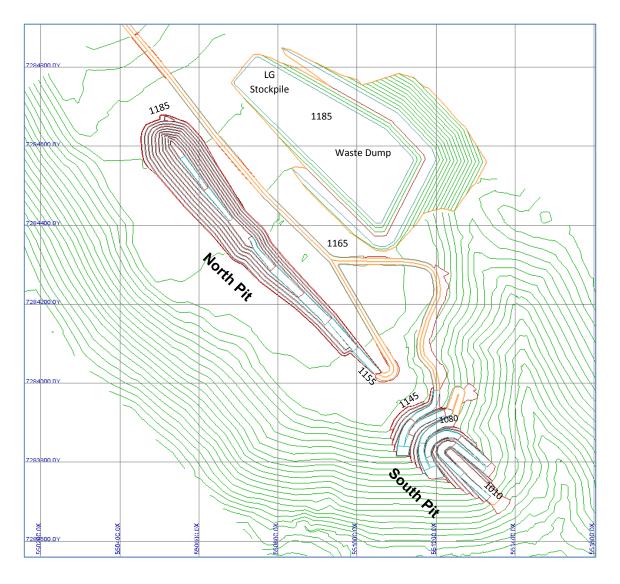
Vertikalny Central now includes extremely high grade zones with improved continuity. The improved continuity results from using more constrained wireframes and improving the variography.

Some of the marginal material has been transferred into the wall rock alteration domain (halo), which reduces the width and tonnage in some areas of the main (V1) zone.



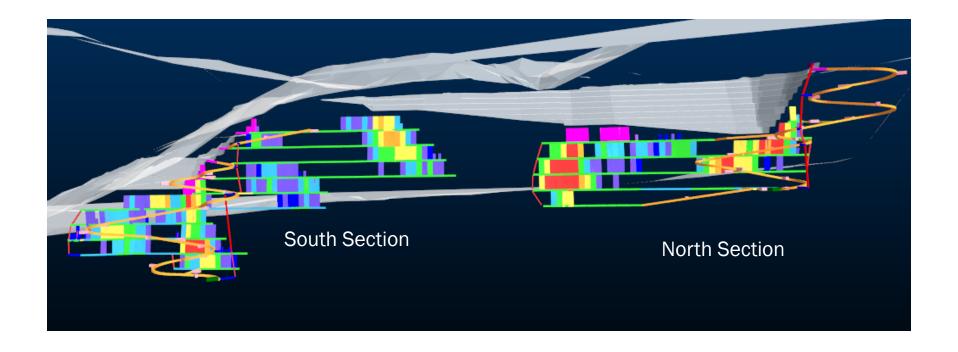


## Mangazeisky Silver Project Updated FS: Final Pit Design





## Mangazeisky Silver Project Final Mine Design (Underground)







# **BUILDING THE MINE** – 2016 Construction Progressing Well



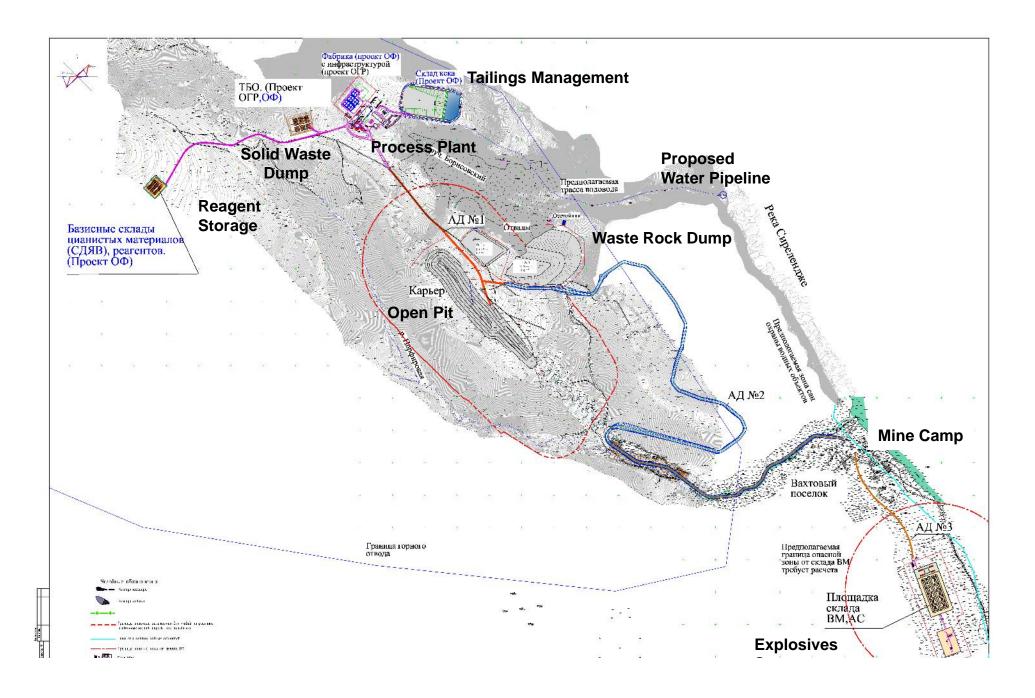
### **Mangazeisky Silver Project – 2016 Project Timeline**

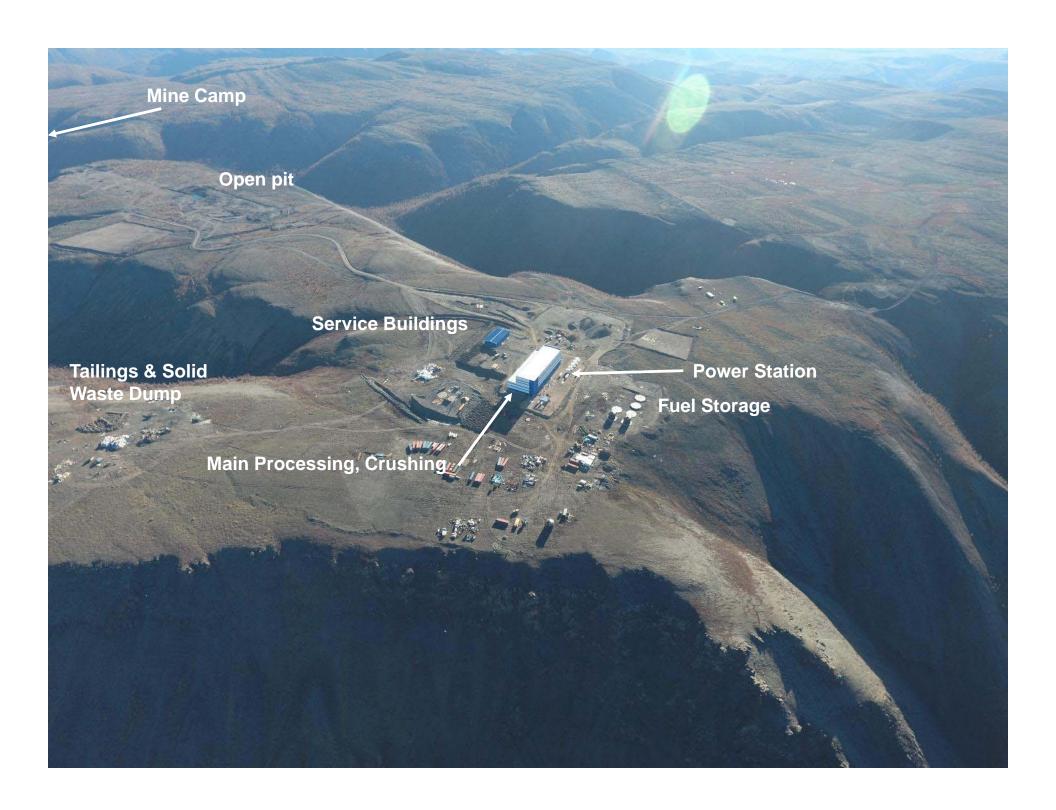
2016 2017 **Vertikalny Project Development** Q3 Q4 Q1 Q2 Q2 **Engineering & Procurement** Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr **Detailed Mine Planning** Procurement – outstanding items **Delivery to Site Winter Road Summer Road** Construction Phase I **Main Processing Plant & Infrastructure** Phase II Additional Infrastructure & Water Treatment Phase II **Operational Readiness Hiring & Training Commissioning** Phase I Commissioning (Hot & Cold) **Production Start Production Q2 2017** 



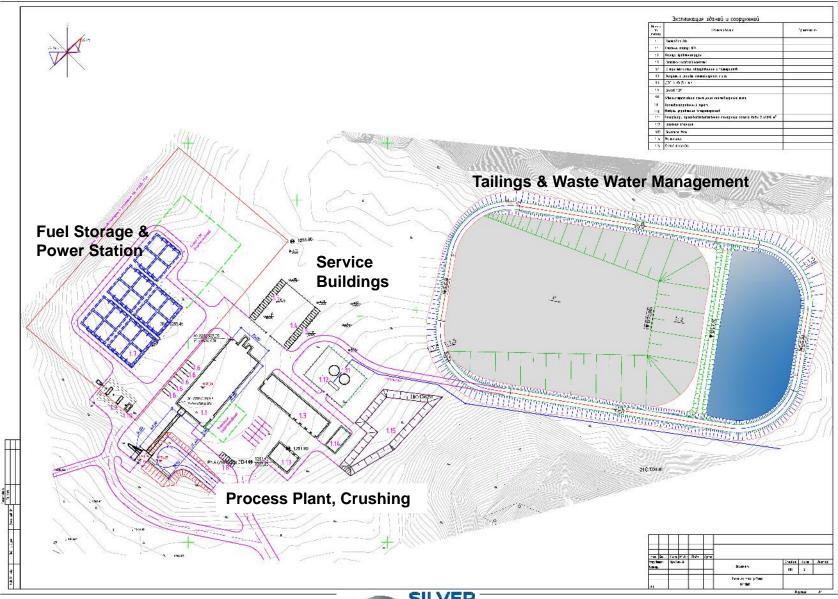


### Mangazeisky Silver Project Mine Site Layout



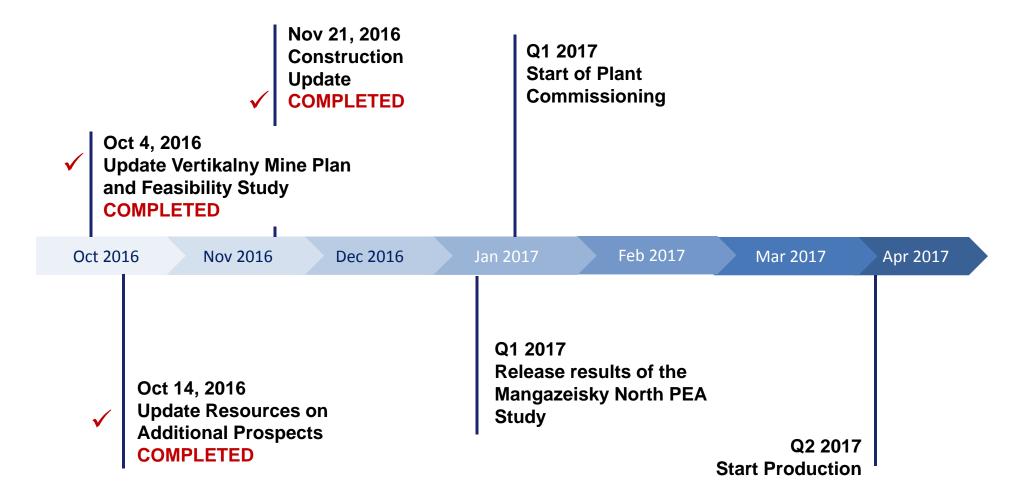


### Mangazeisky Silver Project Process Plant & Tailings Layout





### **Silver Bear Resources Upcoming Catalysts**







For more Information:
Graham Hill, President & CEO





### **SBR Corporate** Capital Structure

### **Market Summary**

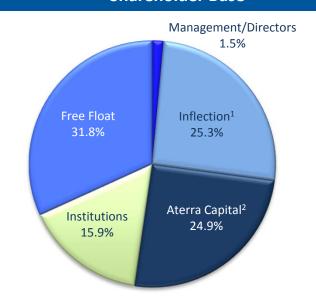
#### Shares Outstanding / Capitalization (as at Nov 25, 2016)

Shares Issued / Outstanding:	162, 620,351
Options (avg. strike C\$0.37) Warrants (all expired Jun 2016)	9,531,666 0
Fully Diluted	172,152,017
Market Capitalization	C\$41M
Cash Position (as of Q3 2016 statements)	US\$13 M

#### **FULLY FINANCED TO PRODUCTION**

- US\$55 M Project Financing
  - Tranche A Term Loan US\$ 43 M;
     first drawdown in September 2016
  - Tranche B Working Capital –
     US\$10 M working capital facility
  - Tranche C Contingency US\$2 M

#### **Shareholder Base**



#### **RUSSIAN MAJOR SHAREHOLDERS**

- Inflection: beneficially owned by Sergey Kolesnikov holds 41,176,471 SBR common shares;
- 2. Aterra: beneficially owned by Alexey Mordashov holds 40,468,579 SBR common shares



### **Silver Bear Resources** – Investment in Local Communities

- Employ and train specified numbers of local people from nearest village Sebyan-Kuel
- Support and assist with local Community projects:
  - New community centre
  - Sponsor sporting events
- Regularly communicate with local governments working to improve infrastructure, including:
  - Winter road access improvements
  - Infrastructure improvements such as bridges.





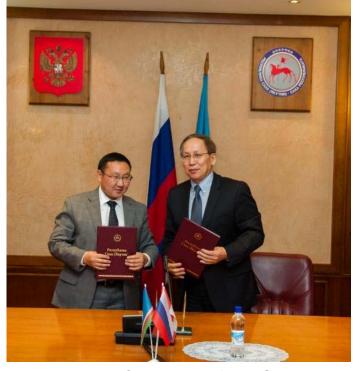




# Mangazeisky Silver Project Socio-Economic Agreement Signed – Aug 10 2016



SBR and ZOA Prognoz working with Local Government Officials on reviewing the Socio-economic Agreement



First Deputy Chairman of the Government of the Republic of Sakha and ZOA Prognoz, General Manager, Yury Petrov – signing the socio-economic Agreement

The Agreement demonstrates the Company's commitment to work with the local government towards the socio-economic development of the Republic of Sakha (Yakutia) region in the framework of the Mangazeisky silver project of development.

### **Mangazeisky Silver Project CAPEX Details**

Area	Initial (\$)	Sustaining (\$)	Total (\$)
Mining	2,657,838	12,311,588	14,969,426
Processing	14,344,727	700,000	15,044,727
Infrastructure	3,717,106	-	3,717,106
Utilities	1,639,171	-	1,639,171
TMF	1,104,096	1,325,776	2,429,872
Site Facilities	5,360,289	-	5,360,289
Off-site Facilities	101,454	-	101,454
Project Indirects	11,194,311	70,867	11,265,178
EPCM	3,525,492	20,248	3,545,740
Owner's Cost	3,850,690	100,000	3,950,690
Allowances	2,374,759	831,232	3,205,991
Total	49,869,933	15,359,711	65,229,644

Note – see press release October 2016 for full details.

<sup>2 –</sup> Capital Costs (excluding contingency)



<sup>1 –</sup> Allowances (including contingency)