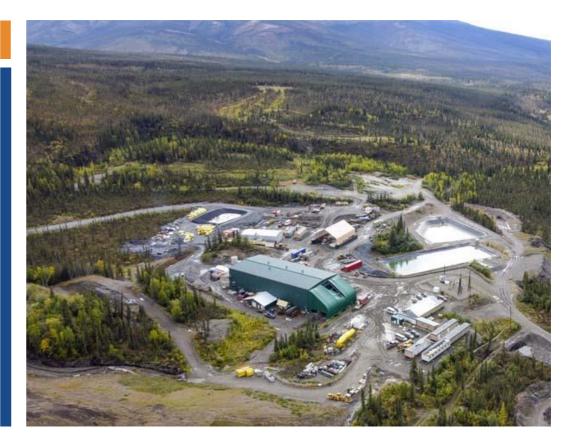




# **ALEXCO ACQUISITION**

# America's Largest Silver Miner To Become Canada's Largest

July 5, 2022



RESPONSIBLE. SAFE. INNOVATIVE.

#### **CAUTIONARY STATEMENTS**





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

This presentation contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, which are intended to be covered by the safe harbor created by such sections and other applicable laws, including Canadian securities laws. When a forward-looking statement expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, such statements are subject to risks, uncertainties and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by the forward-looking statements. Forward-looking statements often address our expected future business and financial performance and financial condition and often contain words such as "anticipate," "indicative," "indicative," "indicative," "indicative," "indicative," "preliminary," "potential" and similar expressions. Forward-looking statements in this news release may include, without limitation statements or information regarding the (i) completion of Hecla's acquisition of Alexco and that it will close in the third quarter, (ii) the termination of WPM's stream on the Keno Hill project, (iii) the listed "benefits to Hecla shareholders," (iv) the listed "benefits to Alexco shareholders," and (v) that Hecla has the organizational expertise and financial strength to build Keno Hill to the level and capacity required, while being able to continue to invest in exploration across the district. The material factors or assumptions used to develop such forward-looking statements or forward-looking information include that the Company's operations are subject.

Estimates or expectations of future events or results are based upon certain assumptions, which may prove to be incorrect, which could cause actual results to differ from forward-looking statements. Such assumptions, include, but are not limited to: (i) there being no significant change to current geotechnical, metallurgical, hydrological and other physical conditions; (ii) permitting, development, operations and expansion of the Company's projects being consistent with current expectations and mine plans; (iii) political/regulatory developments in any jurisdiction in which the Company operates being consistent with its current expectations; (iv) the exchange rate for the USD/CAD and USD/MXN, being approximately consistent with current levels; (vi) the exchange rate for the USD/CAD and USD/MXN, being approximately consistent with current levels; (vii) the accuracy of our current mineral resource estimates; (viii) the correct levels; (vii) the accuracy of our current mineral reserve and mineral resource estimates; (viii) the accuracy of our current mineral reserve and mineral resource estimates; (viii) the accuracy of our current mineral reserve and mineral resource estimates; (vii) the accuracy of our current mineral reserve and mineral resource estimates; (vii) the accuracy of our current mineral reserve and mineral resource estimates; (vii) the accuracy of our current mineral reserve and mineral resource estimates; (vii) the accuracy of our current mineral reserve and mineral resource estimates; (vii) the exchange rate for the USD/CAD and USD/MXN, being approximately consistent with current expectations; (vii) the exchange rate for the USD/CAD and USD/MXN, being approximately consistent with current expectations; (vii) the exchange rate for the USD/CAD and USD/MXN, being approximately consistent with current expectations; (vii) the exchange rate for the USD/CAD and USD/MXN, being approximately consistent with current expectations; (vii) the exchange rate for the USD/CAD and USD/MXN, being approximately consis

In addition, material risks that could cause actual results to differ from forward-looking statements include, but are not limited to: (i) gold, silver and other metals price volatility; (ii) operating risks; (iii) currency fluctuations; (iv) increased production costs and variances in ore grade or recovery rates from those assumed in mining plans; (v) community relations; (vi) conflict resolution and outcome of projects or oppositions; (vii) litigation, political, regulatory, labor and environmental risks; (viii) exploration risks and results, including that mineral resources are not mineral reserves, they do not have demonstrated economic viability and there is no certainty that they can be upgraded to mineral reserves through continued exploration; (ix) the failure of counterparties to perform their obligations under hedging instruments; (x) we take a material impairment charge on our Nevada operations; (xi) we are unable to remain in compliance with all terms of the credit agreement in order to maintain continued access to the revolver, and (xii) we are unable to refinance the maturing senior notes. For a more detailed discussion of such risks and other factors, see the Company's 2021 Form 10-K, filed on February 23, 2022, with the Securities and Exchange Commission (SEC), as well as the Company's other SEC filings. The Company does not undertake any obligation to release publicly revisions to any "forward-looking statement," including, without limitation, outlook, to reflect events or circumstances after the date of this presentation or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws. Investors should not assume that any lack of update to a previously issued "forward-looking statement" constitutes a reaffirmation of that statement. Continued reliance on "forward-looking statements" is at investors' own risk.

#### Cautionary Statement to Investors on Reserves and Resources

This news release uses the terms "mineral resources," "measured mineral resources," "indicated mineral resources," and "inferred mineral resources." Mineral resources that are not mineral resources do not have demonstrated economic viability. You should not assume that all or any part of measured or indicated mineral resources will ever be converted into mineral reserves. Further, inferred mineral resources have a great amount of uncertainty as to their existence and as to whether they can be mined legally or economically, and an inferred mineral resource may not be considered when assessing the economic viability of a mining project, and may not be converted to a mineral reserve. On October 31, 2018, the SEC adopted new mining disclosure rules ("S-K 1300") that is more closely aligned with current industry and global regulatory practices and standards, including National Instrument 43-101 — Standards of Disclosure for Mineral Projects ("NI 43-101") which Hecla complies with because it also is a "reporting issuer" under Canadian securities laws. While S-K 1300 is more closely aligned with NI 43-101 than the prior SEC mining disclosure rules, there are some differences. NI 43-101 is a rule developed by the Canadian Securities Administrators, which established standards for all public disclosure NI 43-101

NYSE: HL RESPONSIBLE. SAFE. INNOVATIVE. | 2

## **CAUTIONARY STATEMENTS (cont'd)**





#### Information About Each Company

Information in this news release about Hecla has been provided by, and is the responsibility of, Hecla. For further information about Hecla, please refer to Hecla's SEC filings, including its Annual Report on Form 10-K filed on February 22, 2022 and its filings with Canadian securities regulatory authorities under its issuer profile on SEDAR. Information in this news release about Alexco has been provided by, and is the responsibility of, Alexco. For further information about Alexco, please refer to Alexco's filings, including its Annual Report on Form 40-F filed on March 21, 2022 and its filings with Canadian securities regulatory authorities under its issuer profile on SEDAR.

#### Qualified Person (QP)

Kurt D. Allen, MSc., CPG, VP - Exploration of Hecla Mining Company and Keith Blair, MSc., CPG, Chief Geologist of Hecla Limited, who serve as a Qualified Person under S-K 1300 and NI 43-101, supervised the preparation of the scientific and technical information concerning Hecla's mineral projects in this presentation. Technical Report Summaries (each a "TRS") for each of the Company's material properties are filed as exhibits 96.1, 96.2 and 96.3 to the Company's Annual Report on Form 10-K for the year ended December 31, 2021, and are available at www.sec.gov. Information regarding data verification, surveys and investigations, guality assurance program and quality control measures and a summary of analytical or testing procedures for the Greens Creek Mine are contained in its TRS and in a NI 43-101 technical report titled "Technical Report for the Greens Creek Mine" effective date December 31, 2018, and for the Lucky Friday Mine are contained in its TRS and in its technical report titled "Technical Report for the Lucky Friday Mine Shoshone County, Idaho, USA" effective date April 2, 2014, for Casa Berardi are contained in its TRS and in its technical report titled "Technical Report on the mineral resource and mineral reserve estimate for Casa Berardi Mine, Northwestern Quebec, Canada" effective date December 31, 2018 (the "Casa Berardi Technical Report"), and for the San Sebastian Mine, Mexico, are contained in a technical report prepared for Hecla titled "Technical Report for the San Sebastian Aq-Au Property, Durango, Mexico" effective date September 8, 2015. Also included in each TRS and the four technical reports is a description of the key assumptions, parameters and methods used to estimate mineral reserves and resources and a general discussion of the extent to which the estimates may be affected by any known environmental, permitting, legal, title, taxation, socio-political, marketing, or other relevant factors. Information regarding data verification, surveys and investigations, quality assurance program and quality control measures and a summary of sample, analytical or testing procedures for the Fire Creek Mine are contained in a technical report prepared for Klondex Mines, dated March 31, 2018; the Hollister Mine dated May 31, 2017, amended August 9, 2017; and the Midas Mine dated August 31, 2014, amended April 2, 2015. Copies of these technical reports are available under Hecla's and Klondex's profiles on SEDAR at www.sedar.com. Mr. Allen and Mr. Blair reviewed and verified information regarding drill sampling, data verification of all digitally collected data, drill surveys and specific gravity determinations relating to all the mines. The review encompassed quality assurance programs and quality control measures including analytical or testing practice, chain-of-custody procedures, sample storage procedures and included independent sample collection and analysis. This review found the information and procedures meet industry standards and are adequate for Mineral Resource and Mineral Reserve estimation and mine planning purposes.

The disclosure of all scientific and technical information in this presentation concerning Alexco's mineral properties has been reviewed and approved Sebastien D. Tolgyesi, P.Eng., P.Geo. (Keno Hill Operations Manager, Alexco), who is a Qualified Person as defined by National Instrument 43-101 - Standards of Disclosure for Mineral Projects

#### Additional Information About the Transaction and Where to Find it

This material relates to Hecla's proposed acquisition (the "Transaction") of Alexco. Shares of Hecla's common stock (the "Hecla Shares") issued in connection with the proposed Transaction may be registered pursuant to a registration statement to be filed with the SEC or issued pursuant to an available exemption. This information is not a substitute for any registration statement or any other document that Hecla may file with the SEC or that it or Alexco may send to their respective shareholders in connection with the offer and/or issuance of Hecla Shares. Investors are urged to read any registration statement, if and when filed, and all other relevant documents that may be filed with the SEC or with Canadian regulatory authorities as and if they become available because they will contain important information about the issuance of Hecla Shares. Documents, if and when filed with the SEC, will be available free of charge at the SEC's website (www.sec.gov) and under Hecla's profile on the SEDAR website at www.sedar.com. You may also obtain these documents by contacting Hecla's Investor Relations (2.800-HECLA91 (1-800-432-5291); hmc-info@hecla-mining.com. This release does not constitute an offer to sell or the solicitation of an offer to buy any securities.

In connection with the proposed transaction, Alexco will file proxy soliciting materials with the SEC and/or Canadian regulatory authorities. The information contained in any such filing may not be complete and may be updated, amended or changed. SHAREHOLDERS ARE URGED TO READ SUCH MATERIALS WHEN AVAILABLE AND ANY OTHER RELEVANT MATERIALS FILED WITH THE SEC AND/OR CANADIAN REGULATORY AUTHORITIES CAREFULLY IN THEIR ENTIRETY BEFORE MAKING ANY VOTING OR INVESTMENT DECISION WITH RESPECT TO THE PROPOSED TRANSACTION BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION ABOUT THE PROPOSED TRANSACTION AND THE PARTIES THERETO.

Proxy solicitation materials will be mailed to Alexco's shareholders seeking their approval of the Transaction. Anyone may also obtain a copy of such materials free of charge once available by directing a request to: Alexco Resource Corp., Suite 1225, Two Bentall Centre, 555 Burrard Street, Box 216, Vancouver, British Columbia, V7X 1M9, Attention: Investor Relations or, Hecla Mining Company, 6500 N. Mineral Drive, Suite 200, Coeur d'Alene, ID 83815-9408; Investor Relations; 1-800-HECLA91 (1-800-432-5291). In addition, any relevant materials filed with the SEC will be available free of charge at the SEC's website at www.sec.gov and under Alexco's profile on the SEDAR website at www.sedar.com. Interested persons may also access copies of such documentation filed with the SEC by visiting Alexco's website at www.alexcoresource.com.

#### Participants in Solicitation

Hecla, Alexco, their respective directors and certain of their respective executive officers may be considered participants in the solicitation of proxies in connection with the proposed transaction. Information about the directors and executive officers of Hecla is set forth in its Annual Report on Form 10-K for the year ended December 31, 2021, which was filed with the SEC on February 23, 2022, its proxy statement for its 2022 annual meeting of shareholders, which was filed with the SEC on April 12. 2022, and its Current Report on Form 8-K, which was filed with the SEC on May 27, 2022. These documents may be obtained free of charge from the SEC's website at www.sec.gov and Hecla's website at www.hecla-mining.com. Information about the directors and executive officers of Alexco is set forth in its Management Information Circular filed on SEDAR on May 5, 2022. This document may be obtained free of charge from SEDAR at www.sedar.com and Alexco's website at www.alexcoresource.com. Other information regarding the participants in the proxy solicitations and a description of their direct interests, by security holdings or otherwise, will be contained in the Alexco information circular and other relevant materials to be filed on SEDAR and with the SEC when they become available. These documents may be obtained free of charge from SEDAR at www.sedar.com and the SEC's website at www.sec.gov and Alexco's website at www.alexcoresource.com.

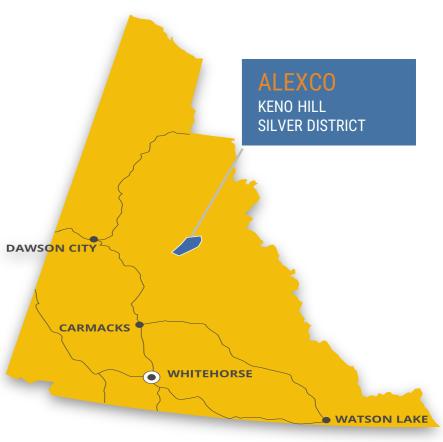
## **ACQUISITION CONSISTENT WITH STRATEGIC DRIVERS**





Achieves the 8 key factors that Hecla considers for internal and external investments





## TRANSACTION SUMMARY





Transaction Structure	<ul> <li>Acquisition by Plan of Arrangement</li> <li>Unanimous approval by Alexco's Special Committee and Board of Directors</li> </ul>
Consideration	<ul> <li>Alexco shareholders to receive 0.116 of one Hecla common share for each Alexco common share</li> <li>A 23% premium over the 5-day volume weighted average price</li> </ul>
Approvals & Conditions	<ul> <li>Approval of at least 66 2/3% of the votes cast by the holders of Alexco's common shares and affected securityholders of Alexco voting as a single class</li> <li>Approval of a simple majority of the votes cast by Alexco shareholders excluding shares owned by Hecla</li> <li>Customary regulatory, stock exchange and court approvals</li> </ul>
Stream Agreement	Termination of the Keno Hill silver stream in exchange for \$135 million of Hecla shares
Pro Forma Ownership	<ul> <li>Alexco and Wheaton Precious Metals will own approximately 3.0% and 5.6%, respectively, of Hecla</li> </ul>
Other	<ul> <li>Customary "non-solicit" and "right to match" provisions in favor of Hecla</li> <li>Termination fee of US\$10 million</li> <li>Hecla currently owns 4.9% of Alexco's issued and outstanding shares</li> <li>Hecla is providing Alexco with a US\$30 million loan</li> <li>Hecla is buying 8,984,100 Alexco shares at C\$0.50 per share for C\$4,492,050, so ownership will be 9.9% of Alexco</li> </ul>
Expected Timing	Transaction expected to close in Q3 2022

#### BENEFITS FOR ALEXCO SHAREHOLDERS

#### Acquisition enhances the future potential for Keno Hill





- Hecla's technical expertise in high-grade narrow vein silver mining positions Keno Hill to achieve its full potential
- Hecla's organizational strength and strong balance sheet to build Keno Hill will unlock full value and allows for significant investment in exploration across the district
- Alignment in environmental and community **stewardship** offers a superior opportunity to the First Nation of Na-Cho Nyäk Dun and the wider Yukon community
- Maintains Alexco shareholders' exposure to **silver**, while not adding any jurisdictional risk

#### **Benefits for Alexco Shareholders**

- ✓ Immediate up-front premium
- ✓ Access to immediate and non-dilutive financing
- ✓ Partners with United States' largest silver producer
- ✓ Transition from a single asset and development risk to a diversified production base of long-lived mines
- ✓ Strong balance sheet to invest in Keno Hill and continue its history of resource expansion
- ✓ Hecla has strong trading liquidity and a broader capital markets presence
- Complementary ESG vision and track-record

#### **HECLA'S ABILITY TO UNLOCK VALUE**



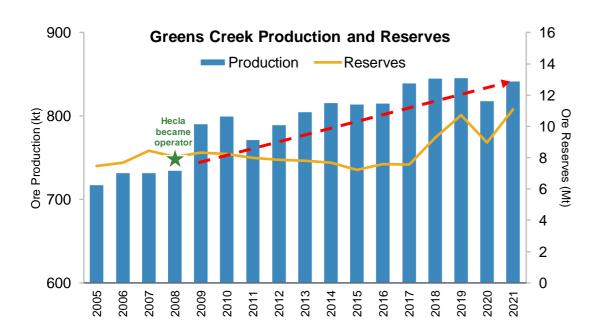


#### Hecla has shown innovation and continuous investment with its assets

#### **Greens Creek**

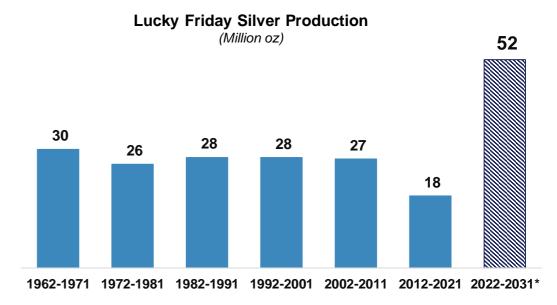
NYSE: HL

- Since the acquisition of Greens Creek in 2008, Hecla has increased throughput by 15%, continued to extend mine life with significant investment in exploration
- Automation drive commenced in 2017 resulting in further efficiencies



#### **Lucky Friday**

- Lucky Friday's continuous improvement in reserves and production exemplifies Hecla's track record of investment
- Best decade of the mine is ahead as increase in production is tied to increasing grades at depth
- Another feat of Hecla's innovation is the Underhand Closed Bench (UCB) mining method, which improves safety and helps manage seismicity as the mine goes deeper and richer in grades



## KENO HILL SILVER DISTRICT OVERVIEW

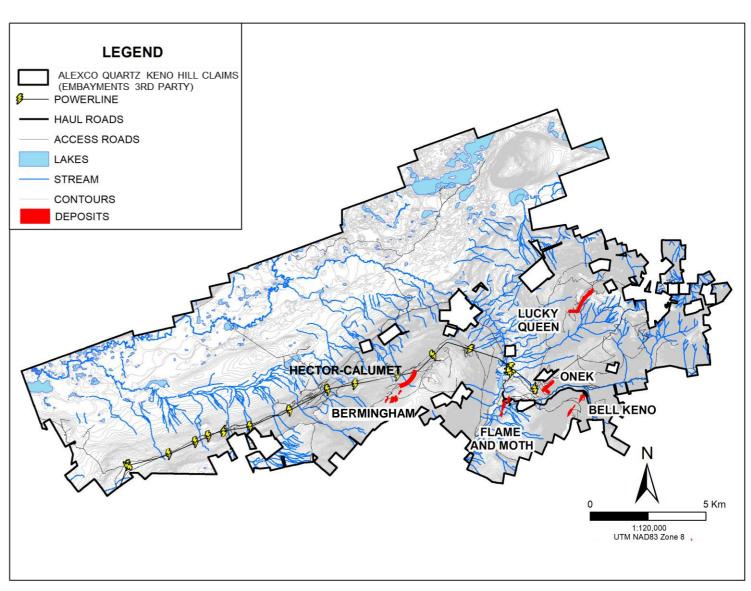




#### Historical Production of over 200 million ounces of silver at 40 oz Ag per ton

- Property contains excellent exploration potential to host deposits similar in size and grade to the Hector-Calumet, Bermingham, or Flame and Moth deposits
- Numerous untested or poorly tested exploration targets occur throughout district



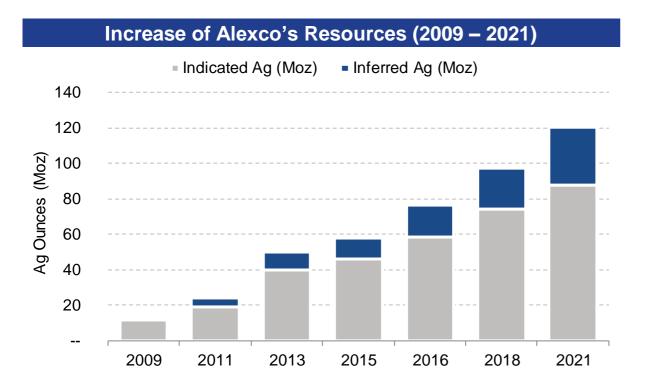


## STRONG HISTORY OF RESOURCE GROWTH AT KENO HILL



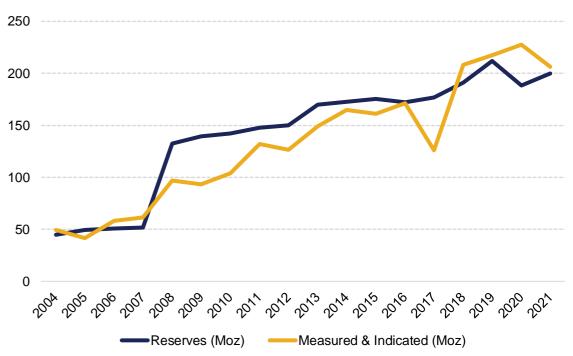


Hecla's reserves and resources have grown 4 times since 2004



- Alexco reported a 43% expansion of the Bermingham Indicated Resource (Bermingham Deeps) to 47 Million ounces of Silver in January 2022
- Total Resources (Indicated and Inferred) are 83 Million ounces of Silver (exclusive of Reserves)
- Total Reserves are 37.19 Million ounces of Silver, a 22% increase from the previous year

#### **Hecla: Silver Reserves, Measured & Indicated Resources**



- Hecla has a strong history of reserves and resources growth
- Financial strength and flexibility to invest in Keno Hill

## **ACQUISITION HIGHLIGHTS**

#### **Consistent with strategy and expertise**







**Among the World's Highest-Grade Silver Deposits** 



**Highly Prospective and Top-Rated Mining Jurisdiction** 



**Aligned on Community and Environmental Stewardship** 



Poised to Unlock Value at Keno Hill



**Significant Exploration Upside** 



**Ideal Portfolio Fit** 









# **Appendix**

#### **ALEXCO RESERVES & RESOURCE SUMMARY**





#### MINERAL RESERVES

Deposit	Category	Tonnes	Ag (g/t)	Pb %)	Zn (%)	Au (g/t)	Contained Metal (000 oz Ag)	Contained Metal (000 oz Au)	Contained Metal (M Ibs Pb)	Contained Metal (M Ibs Zn)
Bellekeno	Probable	12,809	936	13.0	7.3	0	385	0	4	2
Bellekeno Surface Stockpile	Probable	3,397	1,150	21.7	4.5	0	126	0	2	0
Lucky Queen	Probable	70,648	1,269	2.7	1.6	0.1	2,883	0	4	2
Flame and Moth	Probable	721,322	672	2.7	6.2	0.5	15,590	11	43	99
Bermingham	Probable	630,173	899	2.3	1.3	0.1	18,209	3	31	18
Total	Probable	1,438,349	804	2.6	3.8	0.3	37,193	14	84	122

- 1. Mineral Reserves reported herein are dated May 26, 2021 and do not include depletion since that time.
- 2. Mineral Reserves are reported herein based on an NSR cutoff value using estimated metallurgical recoveries, assumed metal prices and smelter terms, which include payable factors, treatment charges, penalties, and refining charges.
- 3. Tonnage and grade measurements are in metric units. Contained gold and silver ounces are reported as troy ounces.
- 4. The Bellekeno, Lucky Queen, Flame & Moth and Bermingham deposits are incorporated into the current mine plan supported by disclosure in the news release dated May 26, 2021 entitled "Alexco Announces 22% Increase to Silver Reserves; Updated Technical Report Demonstrates Robust Economics at Keno Hill".
- 5. Rounding as required by reporting guidelines may result in apparent summation differences between tonnes, grade and contained metal content.

#### MINERAL RESOURCES

Category	Deposit	Tonnes	Ag (g/t)	Au (g/t)	Pb (%)	Zn (%)	Contained Ag (oz)
Indicated	Bellekeno	213,000	620	n/a	5.5	5.5	4,246,000
	Lucky Queen	132,300	1,167	0.2	2.4	1.6	4,964,000
	Flame & Moth	1,679,000	498	0.4	1.9	5.3	26,883,000
	Onek	700,200	191	0.6	1.2	11.9	4,300,000
	Bermingham	1,562,700	939	0.2	2.6	1.7	47,210,000
Total Indicated		4,287,200	635	0.3	2.2	5.0	87,603,000
Inferred	Bellekeno	302,000	359	n/a	2.5	5.4	3,486,000
	Lucky Queen	257,900	473	0.1	1.0	0.8	3,922,000
	Flame & Moth	365,200	356	0.3	0.5	4.3	4,180,000
	Onek	285,100	118	0.4	1.2	8.3	1,082,000
	Bermingham	843,400	735	0.2	2.0	1.3	19,930,000
Total Inferred		2,053,600	494	0.2	1.6	3.3	32,600,000
	Elsa Historical Tailings Resource	2,490,000	119	0.1	1.0	0.7	9,527,000

#### Notes:

- 1. All Mineral Resources are classified following the CIM Definition Standards for Mineral Resources and Mineral Reserves (May 2014) of NI 43-101.
- 2. Indicated Mineral Resources are inclusive of Probable Mineral Reserves estimates.
- 3. Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability. All numbers have been rounded to reflect the relative accuracy of the estimates.
- 4. The Mineral Resource estimates comprising Lucky Queen and Flame & Moth, Onek and Bermingham are supported by disclosure in the news release dated May 26, 2021 entitled "Alexco Announces 22% Increase to Silver Reserves,; Updated Technical Report Demonstrates Robust Economics at Keno Hill" and the Technical Report filed on SEDAR dated May 26, 2021 with an effective date of April 1, 2021.
- 5. The Mineral Resource estimate for the Bermingham deposit is based on Mineral Resource estimates having an effective date of November 30, 2021.
- 6. The Mineral Resource estimate for the Lucky Queen, Flame & Moth and Onek deposits have an effective date of January 3, 2017.
- 7. The Mineral Resource estimate for the Bellekeno deposit is based on an internal Mineral Resource estimate completed by Alexco Resource Corp. and externally audited by SRK Consulting Inc., having an effective date of January 01, 2021. This Mineral Resource estimate has been depleted to reflect all mine production from Bellekeno to the end of December 2020 and does not reflect any depletion from production that occurred in 2021.

## PROVEN & PROBABLE MINERAL RESERVES(1)





#### (On December 31, 2021 unless otherwise noted)

				Prov	en Reserv	es <sup>(1)</sup>						
Asset	Location	Ownership	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Lead %	Zinc %	Copper %	Silver (000 oz)	Gold (000 oz)	Lead Tons	Zinc Tons
Greens Creek (2,3)	United States	100.0%	2	9.6	0.08	1.7	4.5	-	18	0.1	30	80
Lucky Friday (2.4)	United States	100.0%	4,691	13.9	-	8.4	3.4	-	65,313	-	395,290	159,360
Casa Berardi Open Pit (2,5)	Canada	100.0%	4,763	-	0.10	-	-	-	-	453	-	-
Casa Berardi Underground (2,5)	Canada	100.0%	923	-	0.16	-	-	-	-	143	-	-
Total			10,378						65,331	596	395,320	159,440
				Proba	ble Reser	/es <sup>(6)</sup>						
Asset	Location	Ownership	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Lead %	Zinc %	Copper %	Silver (000 oz)	Gold (000 oz)	Lead (Tons)	Zinc (Tons)
Greens Creek (2,3)	United States	100.0%	11,074	11.3	0.09	2.5	6.6	-	125,201	946	282,220	725,830
Lucky Friday (2,4)	United States	100.0%	765	12.3	-	7.5	2.8	-	9,386	-	57,160	21,650
Casa Berardi Open Pit (2,5)	Canada	100.0%	13,371	-	0.07	-	-	-	-	928	-	-
Casa Berardi Underground (2,5)	Canada	100.0%	1,695	-	0.15	-	-	-	-	259	-	-
Total	•	•	26,905			·			134,587	2,133	339,380	747,480
			Р	roven and	d Probable	Reserves	i					
				Silver	Gold	Lead	Zinc	Copper	Silver	Gold	Lead	Zinc
Asset	Location	Ownership	Tons (000)	(oz/ton)	(oz/ton)	%	%	<u></u> %	(000 oz)	(000 oz)	(Tons)	(Tons)
Greens Creek (2,3)	United States	100.0%	11,076	11.3	0.09	2.5	6.6	-	125,219	946	282,250	725,920
Lucky Friday (2.4)	United States	100.0%	5,456	13.7	-	8.3	3.3	-	74,699	-	452,440	181,020
Casa Berardi Open Pit (2,5)	Canada	100.0%	18,134	-	0.08	-	-	-	-	1,381	-	-
Casa Berardi Underground (2,5)	Canada	100.0%	2,618	-	0.15	-	-	-	-	403	-	-
Total			37,283						199,918	2,730	734,690	906,940

<sup>(</sup>f) The term "reserve" means an estimate of tonnage and grade or quality of indicated and measured mineral resources that, in the opinion of the qualified person, can be the basis of an economically viable project. More specifically, it is the economically mineable part of a measured or indicated mineral resource, which includes diluting materials and allowances for losses that may occur when the material is mined or extracted. The term "proven reserves" means the economically mineable part of a measured mineral resource and can only result from conversion of a measured mineral resource. See footnotes 7 and 8 below.

Totals may not represent the sum of parts due to rounding

All estimates are in-situ except for the proven reserves at Greens Creek which are in surface stockpiles

<sup>(2)</sup> Mineral reserves are based on \$17/oz silver, \$1600/oz gold, \$0.90/lb lead, \$1.15/lb zinc, unless otherwise stated

<sup>(3)</sup> The reserve NSR cut-off grades for Greens Creek are \$215/ton for all zones at Greens Creek except the Gallagher Zone at \$220/ton; metallurgical recoveries (actual 2021): 81% for silver, 72% for gold, 82% for lead.

<sup>(4)</sup> The reserve NSR cut-off grades for Lucky Friday are \$216.19 for the 30 Vein and \$230.98 for the Intermediate Veins; metallurgical recoveries (actual 2021): 95% for silver, 95% for lead, and 90% for zinc

<sup>(5)</sup> The average reserve cut-off grades at Casa Berardi are 0.101 oz/ton gold underground and 0.037 oz/ton gold for open pit. Metallurgical recovery (actual 2021): 85% for gold; US\$/CAN\$ exchange rate: 1:1.275.

<sup>(9)</sup> The term "probable reserves" means the economically mineable part of an indicated and, in some cases, a measured mineral resource. See footnotes 8 and 9 below.

## **MEASURED AND INDICATED MINERAL RESOURCES**





							(8)						
						Resources							
A		Ownership	T (000)	Silver (oz/ton)	Gold	Lead	Zinc %	Copper %	Silver	Gold	Lead	Zinc	Copper
Asset	Location		Tons (000)	(oz/ton)	(oz/ton)	<u> </u>	%	<u> %                                   </u>	(000 oz)	(000 oz)	(Tons)	(Tons)	Tons
Greens Creek (11,12)	United States	100.0%	-		-	-		-	-	-	-	-	-
Lucky Friday (11,13)	United States	100.0%	8,652	7.6	-	4.9	2.5	-	65,752	-	425,100	213,480	-
Casa Berardi Open Pit (11,14)	Canada	100.0%	96	-	0.04	-	-	-	-	4	-	-	-
Casa Berardi Underground (11,14)	Canada	100.0%	2,272	-	0.15	-	-	-	-	351	-	-	-
Fire Creek (16,17)	United States	100.0%	20	0.7	0.50	-	-	-	14	10	-	-	-
Hollister (16,18)	United States	100.0%	18	4.9	0.59	-	-	-	87	10	-	-	-
Midas (16,19)	United States	100.0%	2	7.6	0.68	-	-	-	14	1	-	-	-
Total			11,060						65,867	377	425,100	213,480	-
					Indicated	Resources	(9)						
				Silver	Gold	Lead	Zinc	Copper	Silver	Gold	Lead	Zinc	Copper
Asset	Location	Ownership	Tons (000)	(oz/ton)	(oz/ton)	%	%	%	(000 oz)	(000 oz)	(Tons)	(Tons)	Tons
Greens Creek (11,12)	United States	100.0%	8,355	12.8	0.10	3.0	8.4	-	106,670	836	250,040	701,520	_
Lucky Friday (11,13)	United States	100.0%	1,841	7.6	_	5.1	2.4	_	14,010	-	93,140	44,120	_
Casa Berardi Open Pit (11,14)	Canada	100.0%	420	_	0.03	_	-	_	-	14	-	-	
Casa Berardi Underground (11,14)	Canada	100.0%	4,976	_	0.14	_	_	-	_	685	-	_	_
San Sebastian - Oxide (15)	Mexico	100.0%	1,453	6.5	0.09	_	_	_	9,430	135	_	-	_
San Sebastian - Sulfide (15)	Mexico	100.0%	1,187	5.5	0.01	1.9	2.9	1.2	6,579	16	22,420	34,100	14,650
Fire Creek (16,17)	United States	100.0%	113	1.0	0.45	-			114	51	-	-	14,030
Hollister (16,18)	United States	100.0%	70	1.9	0.58	_		_	130	40	_	_	
Midas (16,19)	United States	100.0%	76	5.7	0.30	_		-	430	32	_	_	
Heva (20)	Canada	100.0%	1,266	-	0.42	_		_	-	76	_	_	
Hosco (20)	Canada	100.0%	29,287		0.04	_	-		_	1,201	-		
Star (21)	United States	100.0%	1,126	2.9	0.04	6.2	7.4	-	3,301	1,201	69,900	83,410	
	United States	100.0%	· ·	2.9	-	6.2	7.4	_					- 44.050
Total			50,168						140,663	3,088	435,500	863,150	14,650
				Meas	sured & Inc	licated Res	ources						
				Silver	Gold	Lead	Zinc	Copper	Silver	Gold	Lead	Zinc	Copper
Asset	Location	Ownership	Tons (000)	(oz/ton)	(oz/ton)	%	%	%	(000 oz)	(000 oz)	(Tons)	(Tons)	Tons
Greens Creek (11,12)	United States	100.0%	8,355	12.8	0.10	3.0	8.4	-	106,670	836	250,040	701,520	-
Lucky Friday (11,13)	United States	100.0%	10,493	7.6	-	4.9	2.5	-	79,762	-	518,240	257,600	-
Casa Berardi Open Pit (11,14)	Canada	100.0%	516	-	0.03	-	-	-	-	18	-	-	-
Casa Berardi Underground (11,14)	Canada	100.0%	7,248	-	0.14	-	_	-	-	1,036	-	-	-
San Sebastian - Oxide (15)	Mexico	100.0%	1,453	6.5	0.09	-	-	-	9,430	135	-	-	-
San Sebastian - Sulfide (15)	Mexico	100.0%	1,187	5.5	0.01	1.9	2.9	1.2	6,579	16	22,420	34,100	14,650
Fire Creek (16,17)	United States	100.0%	134	1.0	0.46	-	-	-	128	61	-	-	-
Hollister (16,18)	United States	100.0%	88	2.5	0.58	-	-	-	217	51	-	-	-
Midas (16,19)	United States	100.0%	78	5.7	0.43	-	-	-	444	33	-	-	-
Heva <sup>(20)</sup>	Canada	100.0%	1,266	_	0.06	-	_	-	-	76	-	-	-
Hosco (20)	Canada	100.0%	29,287	-	0.04	-	-	-	-	1,201	-	-	-
Star (21)	United States	100.0%	1,126	2.9	-	6.2	7.4	-	3,301	-	69,900	83,410	_
Total			61,229						206,530	3,464	860,600	1,076,630	14,650

## **INFERRED MINERAL RESOURCES**





(On December 31, 2021 unless otherwise noted)

					Inferred R	esources (1	0)						
				Silver	Gold	Lead	Zinc	Copper	Silver	Gold	Lead	Zinc	Copper
Asset	Location	Ownership	Tons (000)	(oz/ton)	(oz/ton)	%	%	%	(000 oz)	(000 oz)	(Tons)	(Tons)	Tons
Greens Creek (11,12)	United States	100.0%	2,152	12.8	0.08	2.8	6.8	-	27,508	164	60,140	146,020	-
Lucky Friday (11,13)	United States	100.0%	5,377	7.8	-	5.8	2.4	-	41,872	-	311,850	129,600	-
Casa Berardi Open Pit (11,14)	Canada	100.0%	7,886	-	0.05	-	-	-	-	383	-	-	-
Casa Berardi Underground (11,14)	Canada	100.0%	2,239	-	0.18	-	-	-	-	408	-	-	-
San Sebastian - Oxide (15)	Mexico	100.0%	3,490	6.4	0.05	-	-	-	22,353	182	-	-	-
San Sebastian - Sulfide (15)	Mexico	100.0%	385	4.2	0.01	1.6	2.3	0.9	1,606	5	6,070	8,830	3,330
Fire Creek (16,17)	United States	100.0%	765	0.5	0.51	-	-	-	394	392	-	-	-
Fire Creek - Open Pit (22)	United States	100.0%	74,584	0.1	0.03	-	-	-	5,232	2,178	-	-	-
Hollister (16,18)	United States	100.0%	642	3.0	0.42	-	-	-	1,916	273	-	-	-
Midas (16,19)	United States	100.0%	1,232	6.3	0.50	-	-	-	7,723	615	-	-	-
Heva (20)	Canada	100.0%	2,787	-	0.08	-	-	-	-	216	-	-	-
Hosco (20)	Canada	100.0%	17,726	-	0.04	-	-	-	-	663	-	-	-
Star (21)	United States	100.0%	3,157	2.9	-	5.6	5.5	-	9,432	-	178,670	174,450	-
San Juan Silver (23)	United States	100.0%	3,594	11.3	0.01	1.4	1.1	-	40,716	36	51,750	40,800	
Monte Cristo (24)	United States	100.0%	913	0.3	0.14	-	-	-	271	131	-	-	-
Rock Creek (25)	United States	100.0%	100,086	1.5	-	-	-	0.7	148,736	-	-	-	658,680
Montanore (26)	United States	100.0%	112,185	1.6	-	-	-	0.7	183,346	-	-	-	759,420
Total			339,200						491,103	5,644	608,480	499,700	1,421,430

Totals may not represent the sum of parts due to rounding

All estimates are in-situ. Mineral resources are exclusive of reserves.

#### MINERAL RESOURCES FOOTNOTES



(7) The term "mineral resources" means a concentration or occurrence of material of economic interest in or on the Earth's crust in such form, grade or quality, and quantity that there are reasonable prospects for economic extraction. A mineral resource is a reasonable estimate of mineralization, taking into account relevant factors such as cut-off grade, likely mining dimensions, location or continuity, that, with the assumed and justifiable technical and economic conditions, is likely to, in whole or in part, become economically extractable. It is not merely an inventory and inventor of all mineralization drilled or sampled. Resources are reported in accordance with Section 1300 of Regulation S-K of the Securities Act of 1933, as amended and NI 43-101.

- (6) The term "measured resources" means that part of a mineral resource for which quantity and grade or quality are estimated on the basis of conclusive geological evidence and sampling. The level of geological certainty associated with a measured mineral resource is sufficient to allow a qualified person to apply modifying factors, as defined in this section, in sufficient detailed mine planning and final evaluation of the economic viability of the deposit Because a measured mineral resource has a higher level of confidence than the level of confidence of either an indicated mineral resource or an inferred mineral resource, a measured mineral resource may be converted to a prove n mineral reserve or to a probable mineral reserve.
- (9) The term "indicated resources" means that part of a mineral resource for which quantity and grade or quality are estimated on the basis of adequate geological evidence and sampling. The level of geological certainty associated with an indicated mineral resource is sufficient to allow a qualified person to apply modifying factors in sufficient detail to support mine planning and evaluation of the economic viability of the deposit. Because an indicated mineral resource has a lower level of confidence than the level of confidence of a measured mineral resource, an indicated mineral resource may only be converted to a probable mineral reserve.
- (10) The term "inferred resources" means that part of a mineral resource for which quantity and grade or quality are estimated on the basis of limited geological evidence and sampling. The level of geological uncertainty associated with an inferred mineral resource is too high to apply relevant technical and economic factors likely to influence the prospects of economic extraction in a manner useful for evaluation of economic viability. Because an inferred mineral resource has the lowest level of geological confidence of all mineral resources, which prevents the application of the modifying factors in a manner useful for evaluation of economic viability, an inferred mineral resource may not be considered when assessing the economic viability of a mining project and may not be converted to a mineral reserve.
- (11) Mineral resources are based on \$1700/oz gold, \$21/oz silver, \$1.15/lb lead, \$1.35/lb zinc and \$3.00/lb copper, unless otherwise stated.
- (12) The resource NSR cut-off grades for Greens Creek are \$215/ton for all zones at Greens Creek except the Gallagher Zone at \$220/ton; metallurgical recoveries (actual 2021): 81.26% silver, 72.34% gold, 82.29% lead, 89.58% zinc.
- (13) The resource NSR cut-off grades for Lucky Friday are \$170.18 for the 30 Vein, \$184.97 for the Intermediate Veins and \$207.15 for the Lucky Friday Vein; metallurgical recoveries (actual 2021): 95.18% silver, 94.62% lead, 89.97% zinc.
- (14) The average resource cut-off grades at Casa Berardi are 0.089 oz/ton gold (3.06 g/tonne) for underground and 0.036 oz/ton (1.22 g/tonne) for open pit; metallurgical recovery (actual 2021): 84.82% gold; US\$/CAN\$ exchange rate: 1:1.275.
- (15) Indicated resources for most zones at San Sebastian based on \$1500/oz gold, \$21/oz silver, \$1.15/lb lead, \$1.35/lb zinc and \$3.00/lb copper using a cut-off grade of \$90.72/ton (\$100/tonne); \$1700/oz gold used for Toro, Bronco, and Tigre zones. Metallurgical recoveries based on grade dependent recovery curves: recoveries at the mean resource grade average 89% silver and 84% gold for oxide material and 85% silver, 83% gold, 81% lead, 86% zinc, and 83% for copper for sulfide material. Resources reported at a minimum mining width of 8.2 feet (2.5m) for Middle Vein, North Vein, and East Francine, 6.5ft (1.98m) for El Toro, El Bronco, and El Tigre, and 4.9 feet (1.5 m) for Hugh Zone and Andrea.
- (16) Mineral resources for Fire Creek, Hollister and Midas are reported using \$1500/oz gold and \$21/oz silver prices, unless other wise noted. A minimum mining width is defined as four feet or the vein true thickness plus two feet, whichever is greater.
- (17) Fire Creek mineral resources are reported at a gold equivalent cut-off grade of 0.283 oz/ton. Metallurgical recoveries: 90% gold, 70% silver.
- (18) Hollister mineral resources, including the Hatter Graben are reported at a gold equivalent cut-off grade of 0.238 oz/ton. Metallurgical recoveries: 88% gold, 66% silver
- (19) Midas mineral resources are reported at a gold equivalent cut-off grade of 0.237 oz/ton. Metallurgical recoveries: 90% gold, 70% silver. A gold-equivalent cut-off grade of 0.1 oz/ton and a gold price of \$1700/oz used for Sinter Zone with resources undiluted.
- (20) Measured, indicated and inferred resources at Heva and Hosco are based on \$1,500/oz gold. Resources are without dilution or material loss at a gold cut-off grade of 0.01 oz/ton (0.33 g/tonne) for open pit and 0.088 oz/ton (3.0 g/tonne) for underground. Metallurgical recovery: Heva: 95% gold, Hosco: 87.7% gold
- (21) Indicated and Inferred resources at the Star property are reported using \$21 silver, \$0.95 lead, \$1.10 zinc, a minimum mining width of 4.3 feet and a cut-off grade of \$100/ton; Metallurgical recovery: 93.38% silver, 93.33% lead, 86.96% zinc.
- (22) Inferred open-pit resources for Fire Creek calculated November 30, 2017, using gold and silver recoveries of 65% and 30% for oxide material and 60% and 25% for mixed oxide-sulfide material. Indicated Resources reclassified as Inferred in 2019.
- Open pit resources are calculated at \$1400 gold and \$19.83 silver and cut-off grade of 0.01 Au Equivalent oz/ton and is inclusive of 10% mining dilution and 5% ore loss. Open pit mineral resources exclusive of underground mineral resources.
- (23) Inferred resources reported at a minimum mining width of 6.0 feet for Bulldog and a cut-off grade of 6.0 equivalent oz/ton silver and 5.0 feet for Equity and North Amethyst vein at a cut-off grade of \$50/ton and \$100/ton; based on \$1400 Au, \$26.5 Ag, \$0.85 Pb, and \$0.85 Zn.
  - Metallurgical recoveries based on grade dependent recovery curves: recoveries at the mean resource grade average 88% silver and 74% lead for the Bulldog and a constant 85% gold and 85% silver for North Amethyst and Equity.
- (24) Inferred resource at Monte Cristo reported at a minimum mining width of 5.0 feet; resources based on \$1400 Au, \$26.5 Ag using a 0.06 oz/ton gold cut-off grade. Metallurgical recovery: 90% gold, 90% silver.
- (25) Inferred resource at Rock Creek reported at a minimum thickness of 15 feet and a cut-off grade of \$24.50/ton NSR; Metallurgical recoveries: 88% silver, 92% copper.
- Resources adjusted based on mining restrictions as defined by U.S. Forest Service, Kootenai National Forest in the June 2003 'Record of Decision, Rock Creek Project'.
- (26) Inferred resource at Montanore reported at a minimum thickness of 15 feet and a cut-off grade of \$24.50/ton NSR; Metallurgical recoveries; 88% silver, 92% copper, Resources adjusted based on mining restrictions as defined by U.S. Forest Service, Kootenai National Forest, Montana DEQ in December 2015 'Joint Final EIS, Montanore Project' and the February 2016 U.S Forest Service - Kootenai National Forest 'Record of Decision, Montanore Proiect'.

Totals may not represent the sum of parts due to rounding

## **2010 – 2020 RESERVE TABLE**





2010 Proven Reserves	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Silver (000 oz)	Gold (000 oz)
Greens Creek	-	-		-	
Lucky Friday	1,642	12.4	-	20,388	-
2010 Probable Reserves					
Greens Creek	8,243	12.1	0.09	99,730	757
Lucky Friday	1,545	14.2	-	21,955	-
0044 B B					
2011 Proven Reserves Greens Creek		_	_		
Lucky Friday	23,456	12.6	-	29,574	-
•					
2011 Probable Reserves					
Greens Creek	7,991 1,345	12.3 14.7	0.09	98,383 19,746	742
Lucky Friday	1,345	14.7	=	19,746	
2012 Proven Reserves					
Greens Creek	12	9.3	0.10	113	1
Lucky Friday	2,207	12.1	-	27	-
2012 Probable Reserves					
Greens Creek	7.846	12.0	0.09	94,481	718
Lucky Friday	1,932	14.8	-	28,676	-
		•	•		
2013 Proven Reserves					
Greens Creek Lucky Friday	3,708	12.9 12.1	0.13	182 44,892	2
Lucky i fluay	3,700	12.1		44,032	
2013 Probable Reserves					
Greens Creek	7,783	11.9	0.09	92,338	711
Lucky Friday	2,698	12.0	-	32,352	-
2014 Proven Reserves					
Greens Creek	5	15.7	0.10	74	5
Lucky Friday	3,840	13.7	-	52,556	-
	-				
2014 Probable Reserves	7,691	12.2	0.10	93,947	738
Greens Creek Lucky Friday	2,043	12.2	0.10	26,346	738
Eucky I Hady	2,040	12.0		20,040	
2015 Proven Reserves					
Greens Creek	10	20.8	0.12	210	1
Lucky Friday	3,510	16.5	0.21	57,961	1.00
San Sebastian Casa Berardi	2.119	14.5	0.21	72	Aug-00
Casa Berarai	2,113		0.11		7 tag oc
2015 Probable Reserves					
Greens Creek	7,204	12.3	0.09	88,523	676
Lucky Friday San Sebastian	1,557 284	13.3 28.0	0.22	26,346 7.943	- 63
Casa Berardi	8,104	28.0	0.22	7,943	1,098
Casa Berara	0,104		0.14	!	1,000
2016 Proven Reserves					
Greens Creek	9	15.5	0.09	140	1
Lucky Friday	3,308	17.5	-	57,925	
San Sebastian	43	23.4	0.2	1,008	8
Casa Berardi	2,575	-	0.1	-	272
2016 Probable Reserves					
Greens Creek	7,585	11.7	0.09	88,729	672
Lucky Friday	1,542	12.9	-	19,912	-
San Sebastian	283	16.2	0.10	45,930	29
Casa Berardi	7,752	-	0.13	-	1,037

	Tons	Silver	Gold	Silver	Gold
2017 Proven Reserves	(000)	(oz/ton)	(oz/ton)	(000 oz)	(000 oz)
Greens Creek	7	12.2	0.09	89	1
Lucky Friday	4,246	15.4	- 0.03	65,448	
San Sebastian	31	23.3	0.19	712	6
Casa Berardi	2,458	-	0.13	- 712	312
Casa Derardi	2,430		0.13		312
2017 Probable Reserves					
Greens Creek	7,543	11.9	0.10	90,130	725
Lucky Friday	1,387	11.4	-	15,815	-
San Sebastian	368	13.1	0.10	4,809	37
Casa Berardi	11,413	-	0.10	-	1,181
2048 Braver Baseries					
2018 Proven Reserves Greens Creek	6	13.8	0.10	86	1
Lucky Friday	4,230	15.6	1	65,234	
San Sebastian	4,230	3.9	0.08	85	2
Casa Berardi		3.9		-	
Fire Creek	6,790 24	1.1	0.08 1.21	27	563 29
Hollister	24	7.0	0.73	17	29
Hollistei		7.0	0.73	17	2
2018 Probable Reserves			1		
Greens Creek	9,270	11.5	0.09	106,972	840
Lucky Friday	1,387	11.4	-	15,815	_
San Sebastian	206	12.3	0.10	2,705	21
Casa Berardi	16,954	-	0.08	- '	1,343
Fire Creek	91	0.3	0.44	30	40
Hollister	9	7.2	0.65	66	6
2019 Proven Reserves					
Greens Creek	7	14.8	0.08	106	1
Lucky Friday	4,185	15.4	-	64,506	
San Sebastian	35	4.8	0.08	166	3
Casa Berardi Open Pit	5,873	-	0.08	-	447
Casa Berardi UG	974	-	0.06	-	156
Fire Creek	22	1.2	1.51	28	33
2019 Probable Reserves					
Greens Creek	10,713	12.2	0.09	130,791	932
Lucky Friday	1,386	11.4	-	15,815	-
San Sebastian	66	10.9	0.07	716	5
Casa Berardi Open Pit	11,802	-	0.07	-	809
Casa Berardi UG	1,978	_	0.15	_	305
Fire Creek	37	0.6	0.56	23	21
				•	
2020 Proven Reserves					
Greens Creek	3	21.8	0.10	70	0
Lucky Friday	4,393	14.2	-	62,290	-
Casa Berardi Open Pit	4,437	-	0.09	-	410
Casa Berardi UG	1,038	-	0.15	-	158
Fire Creek	62	0.4	0.48	28	30
2020 Probable Reserves					
Greens Creek	8,975	12.4	0.09	111,333	827
Lucky Friday	1,372	10.7	- 0.09	14,702	- 621
Casa Berardi Open Pit	9,763	-	0.08	-	744
Casa Berardi UG	1,533		0.08	-	231
Fire Creek	1,555	0.9	0.13	1	231
I II O O I CCK		0.9	0.71		1