September 2017

NYSE:HL

Mining Innovation Is Here

(there will be winners)



Cautionary Statements

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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. Such forward-looking statements may include, without limitation: (i) estimates of future production and sales; (ii) estimates of future costs and cash cost, after by-product credits per ounce of silver/gold; (iii) guidance for 2017 including the impact of the Lucky Friday strike on silver and gold production, silver equivalent production, cash cost, after by-product credits, capital expenditures and pre-development and exploration expenditures (which assumes metal prices of gold at $1,225/oz., silver at $17.25/oz., zinc at $1.30/lb. and lead at $1.05/lb. and USD/CAD assumed to be $0.78, USD/MXN assumed to be $0.06); (iv) expectations regarding the development, growth and exploration potential of the Company's projects; (v) expectations of adding reserves and resources; (vi) the possibility of increasing production due to accessing higher grade material and surface pits at Casa Berardi; (vii) possible strike extensions of veins at San Sebastian, potential for new discoveries, ability to begin underground mining by the end of 2017 and ability to extend mine life through 2020; (viii) expectations of grade increases at depth at Lucky Friday and (ix) estimates or expectations of future events or results are based upon certain assumptions, which may prove to be incorrect. 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 Canadian dollar to the U.S. dollar, being approximately consistent with current levels; (v) certain price assumptions for gold, silver, lead and zinc; (vi) prices for key supplies being approximately consistent with current levels; (vii) the accuracy of our current mineral reserve and mineral resource estimates; and (viii) the Company's plans for development and production will proceed as expected and will not require revision as a result of risks or uncertainties, whether known, unknown or unanticipated. Where the Company 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." Such risks include, but are not limited to gold, silver and other metals price volatility, operating risks, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, community relations, conflict resolution and outcome of projects or oppositions, litigation, political, regulatory, labor and environmental risks, and 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. For a more detailed discussion of such risks and other factors, see the Company's 2016 Form 10-K, filed on February 23, 2017 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-loo king statements" is at investors' own risk.

Cautionary Note Regarding Estimates of Measured, Indicated and Inferred Resources

The United States Securities and Exchange Commission (SEC) permits mining companies, in their filings with the SEC, to disclose only those mineral deposits that a company can economically and legally extract or produce. We use certain terms in this presentation, such as "resource," "measured resources," "indicated resources," and "inferred resources" that are recognized by Canadian regulations, but that SEC guidelines generally prohibit U.S. registered companies from including in their filings with the SEC, except in certain circumstances. U.S. investors are urged to consider closely the disclosure in our most recent Form 10-K and Form 10-Q. You can review and obtain copies of these filings from the SEC's website at www.sec.gov.

Qualified Person (QP) Pursuant to Canadian National Instrument 43-101

Dean McDonald, PhD. P.Geo., Senior Vice President - Exploration of Hecla Mining Company, who serves as a Qualified Person under National Instrument 43-101("NI 43-101"), supervised the preparation of the scientific and technical information concerning Hecla's mineral projects in this presentation. Information regarding data verification, surveys and investigations, quality assurance program and quality control measures and a summary of analytical or testing procedures for the Greens Creek Mine are contained in a technical report titled "Technical Report for the Greens Creek Mine" effective date March 28, 2013, and for the Lucky Friday Mine are contained in a 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 a technical report titled "Technical Report on the mineral resource and mineral reserve estimate for Casa Berardi Mine, Northwestern Quebec, Canada" effective date March 31, 2014 (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 Ag-Au Property, Durango, Mexico" effective date September 8k 2015 . Also included in these 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. Copies of these technical reports are available under Hecla's and Aurizon's profiles on SEDAR at www.sedar.com. The Casa Berardi Technical Report was reviewed by Dr. McDonald on behalf of Hecla. To the best of Hecla's knowledge, information and belief, there is no new material scientific or technical information that would make the disclosure of the mineral resources and mineral reserves for Casa Berardi in this document inaccurate or misleading.

Cautionary Note Regarding Non-GAAP measures

Cash cost per ounce of silver and gold, net of by-product credits, EBITDA, adjusted EBITDA, all in sustaining capital ("AISC"), after by-product credits, and free cash flow represent non-U.S. Generally Accepted Accounting Principles (GAAP) measurements. A reconciliation of these non-GAAP measures to the most comparable GAAP measurements can be found in the Appendix.

A Tipping Point

Changing mining practices

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1. Not All Ounces Have the Same Value

- Mining companies give leverage to metal through reserves/resources
- But not all reserves are equal
- Distinguishes risk averse companies in great jurisdictions

2. Why Invest in Hecla?

- Our strategy is to acquire long-lived and low-cost assets that we can invest in and improve
- Strong financial performance
- Focused on innovation

3. Innovation Is Here (and it's a GAME CHANGER)

- Stereotypes of mining companies are outdated (there will be winners)
- Mining decision making has changed: For the better



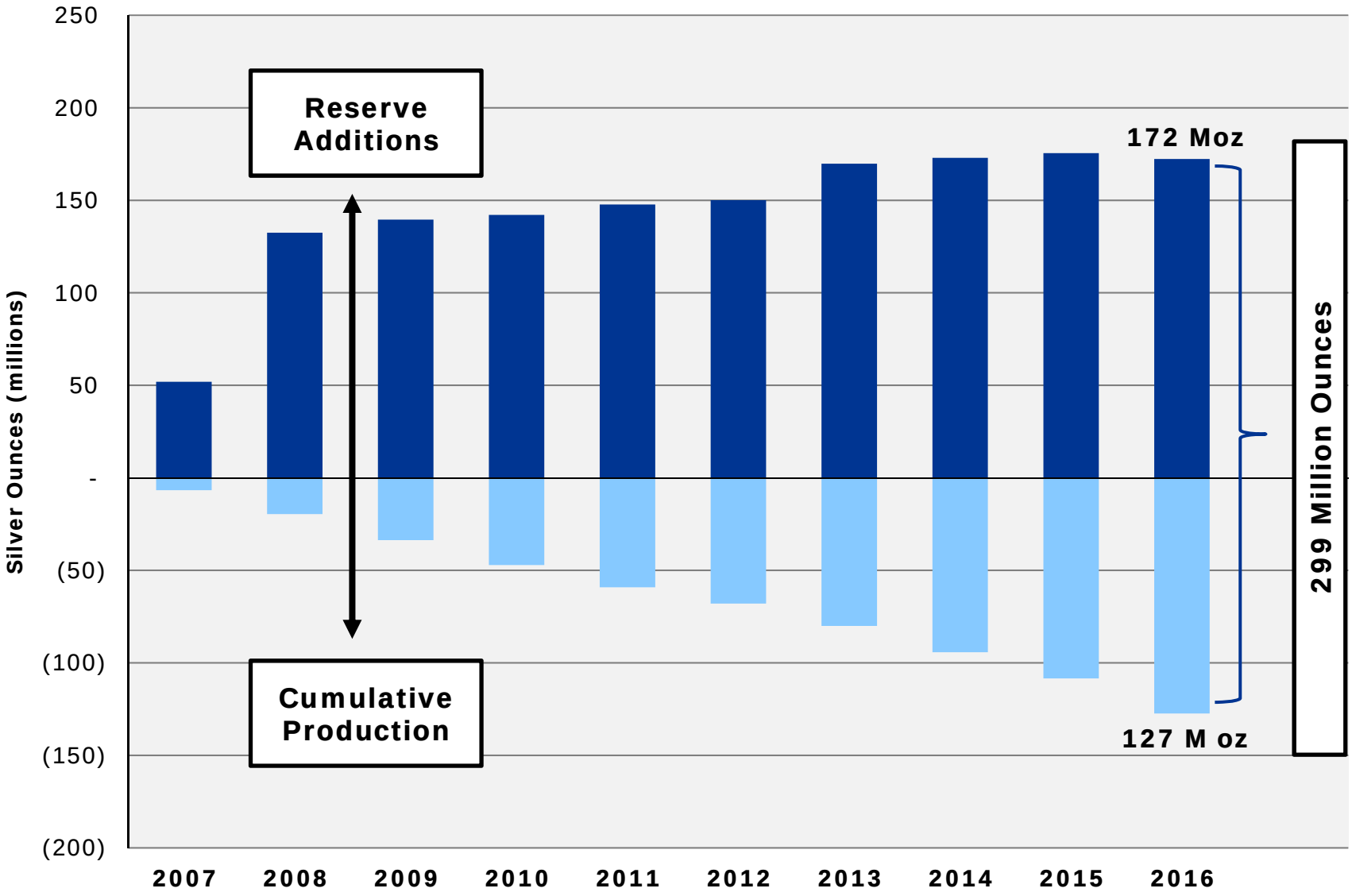
Not All Ounces Have the Same Value



Reserves Have Grown Dramatically

Hecla Added 299 M oz of silver reserves in past 10 years

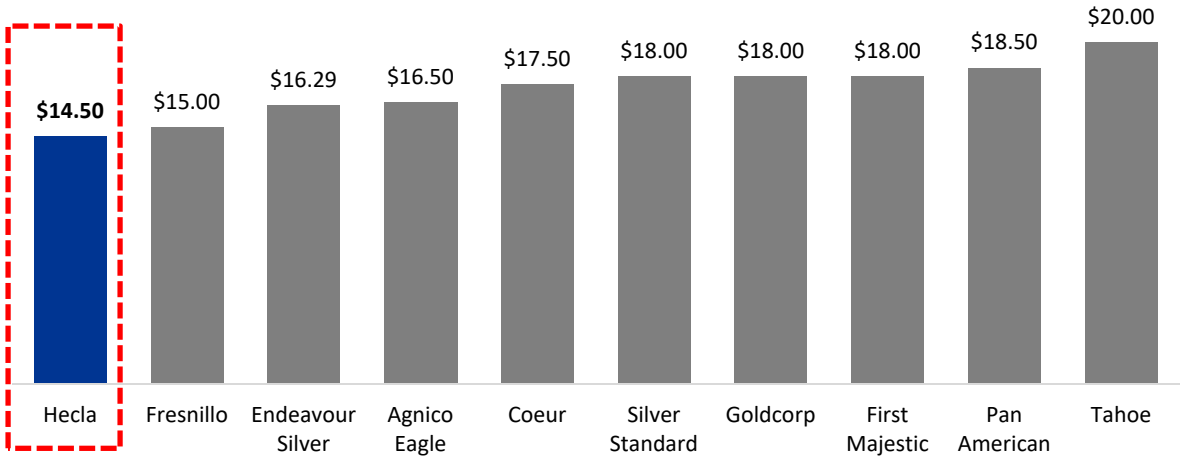
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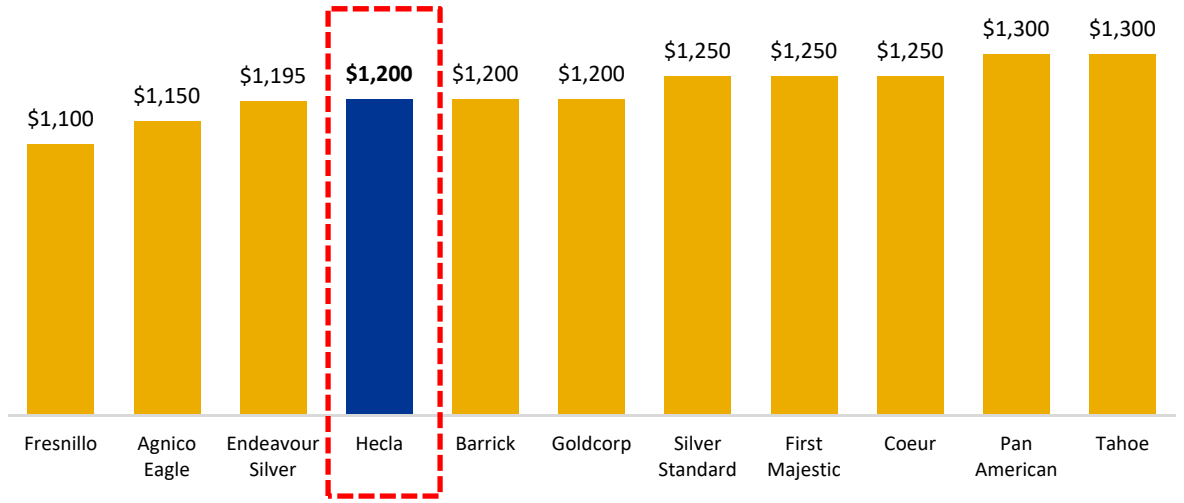
Gold & Silver 2016 Reserve Prices

Hecla's price assumption assures high margin ounces

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Year	HL Reserve Prices
2012	$26.50
2013	$20.00
2014	$17.25
2015	$14.50
2016	$14.50



Year	HL Reserve Prices
2012	$1,400
2013	$1,300
2014	$1,225
2015	$1,100
2016	$1,200

Source: Public Disclosures

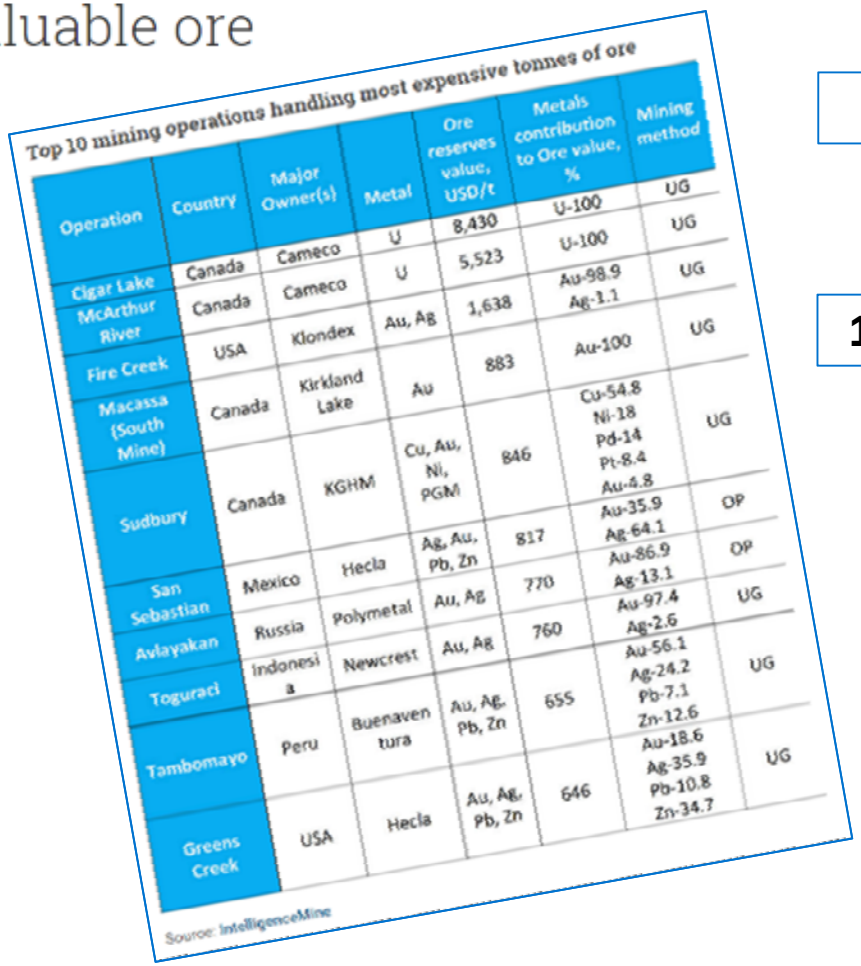
Hecla Has Two Of The Ten Highest Grade Mines

Lucky Friday not far behind

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MINING.com Vladimir Basov | Jan. 29, 2017, 3:47 PM

These 10 mines have the world's most valuable ore



Top 10 mining operations handling most expensive tonnes of ore

Operation	Country	Major Owner(s)	Metal	Ore reserves value, US$/t	Metals contribution to Ore value, %	Mining method
Cigar Lake	Canada	Cameco	U	8,430	U-100	UG
McArthur River	Canada	Cameco	U	5,523	U-100	UG
Fire Creek	USA	Klondex	Au, Ag	1,638	Au-98.9 Ag-1.1	UG
Macassa (South Mine)	Canada	Kirkland Lake	Au	883	Au-100	UG
Sudbury	Canada	KGHM	Cu, Au, Ni, PGM	846	Cu-54.8 Ni-18 Pd-14 Pt-8.4 Au-4.8	UG
San Sebastian	Mexico	Hecla	Ag, Au, Pb, Zn	817	Au-35.9 Ag-64.1	OP
Avlayakan	Russia	Polymetal	Au, Ag	770	Au-86.9 Ag-13.1	OP
Toguraci	Indonesia	Newcrest	Au, Ag	760	Au-97.4 Ag-2.6	UG
Tambomayo	Peru	Buenaventura	Au, Ag, Pb, Zn	655	Au-56.1 Ag-24.2 Pb-7.1 Zn-12.6	UG
Greens Creek	USA	Hecla	Au, Ag, Pb, Zn	646	Au-18.6 Ag-35.9 Pb-10.8 Zn-34.7	UG

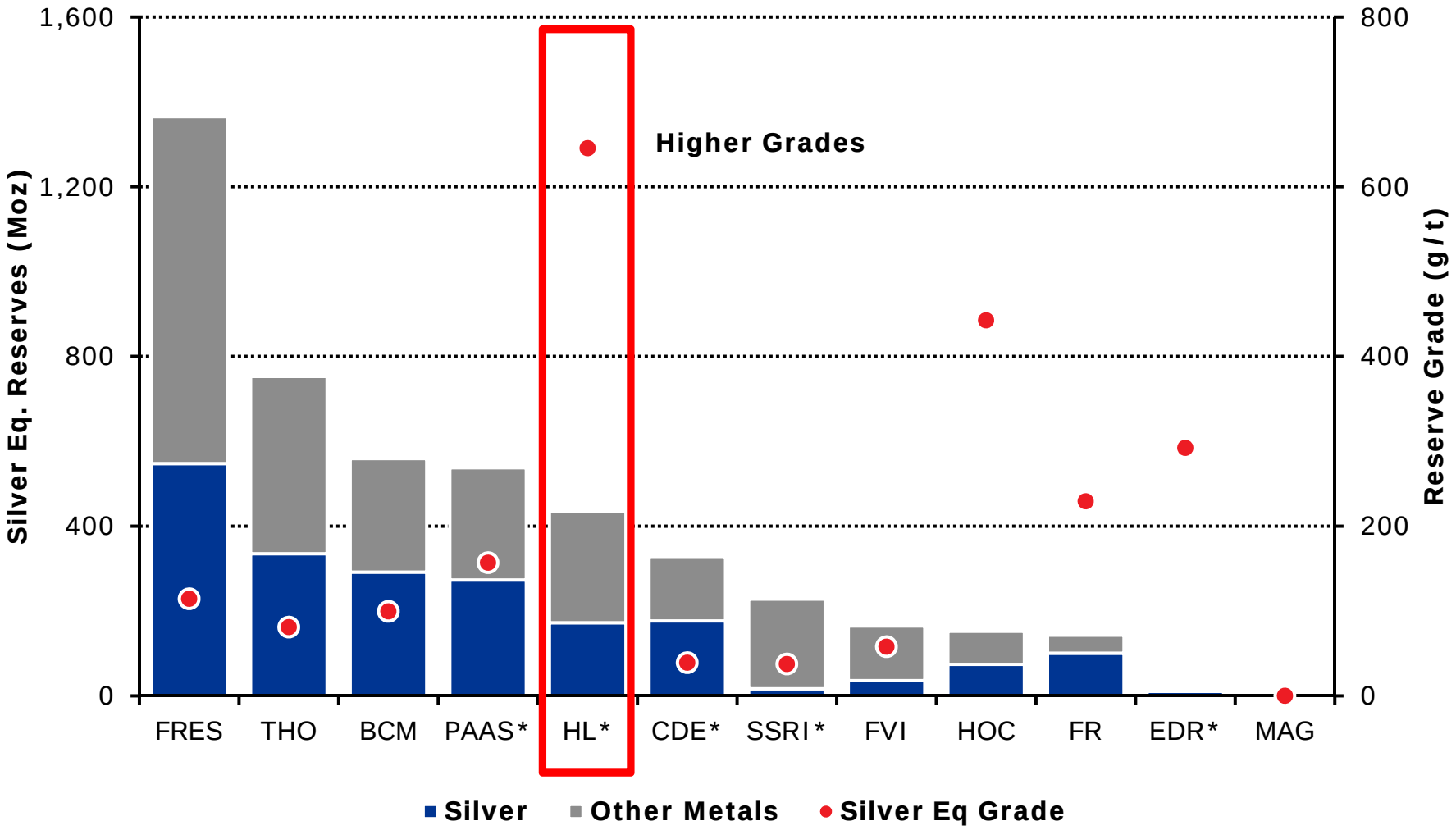
Source: IntelligenceMine

6. San Sebastian | Mexico | Hecla

10. Greens Creek | USA | Hecla

Higher Grades Increase Operating and Financial Flexibility

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**Reserve and resource update released for 2016.*

Source: BMO Capital Markets

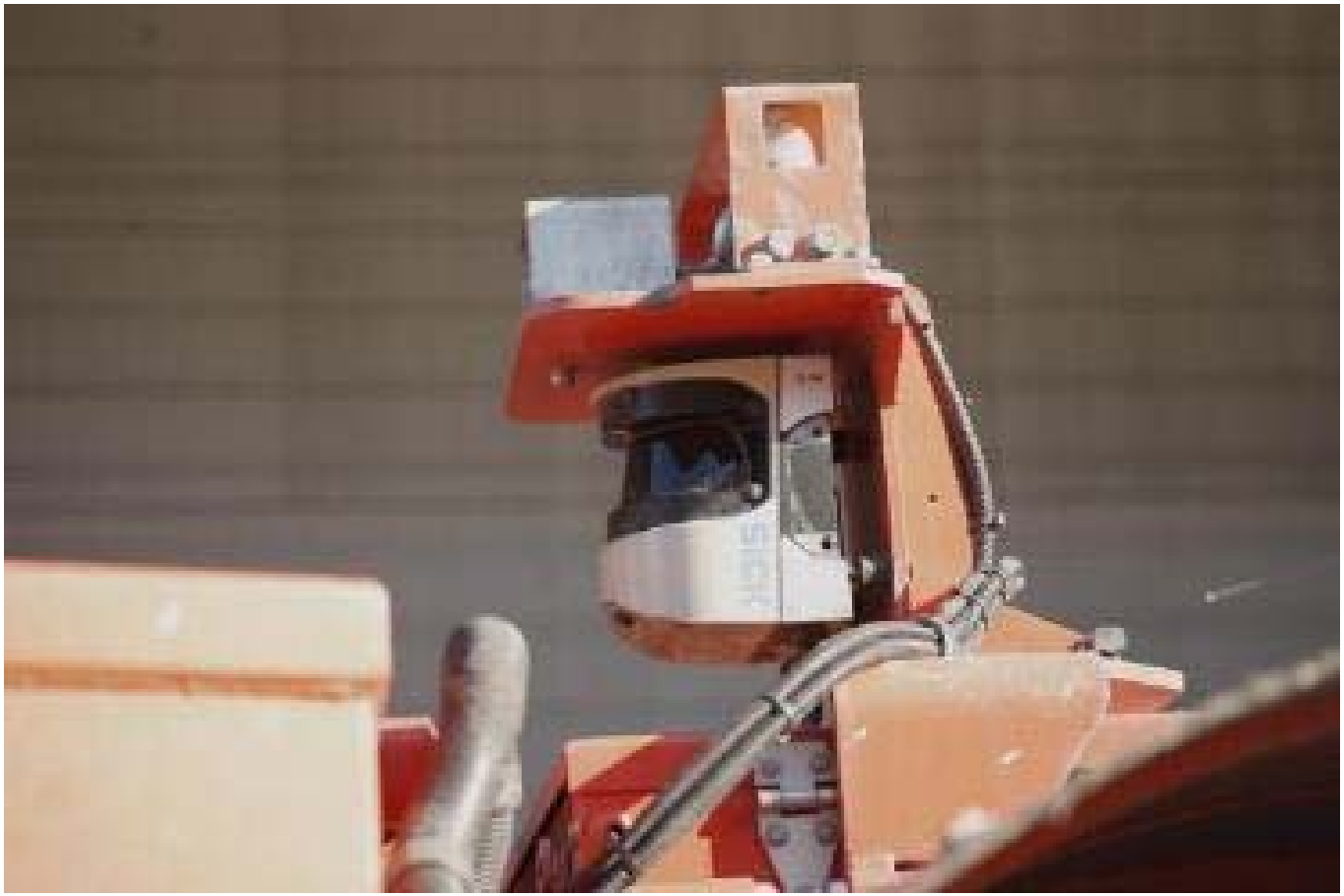
Ounces in North America Are Worth More Than in 3rd World Countries

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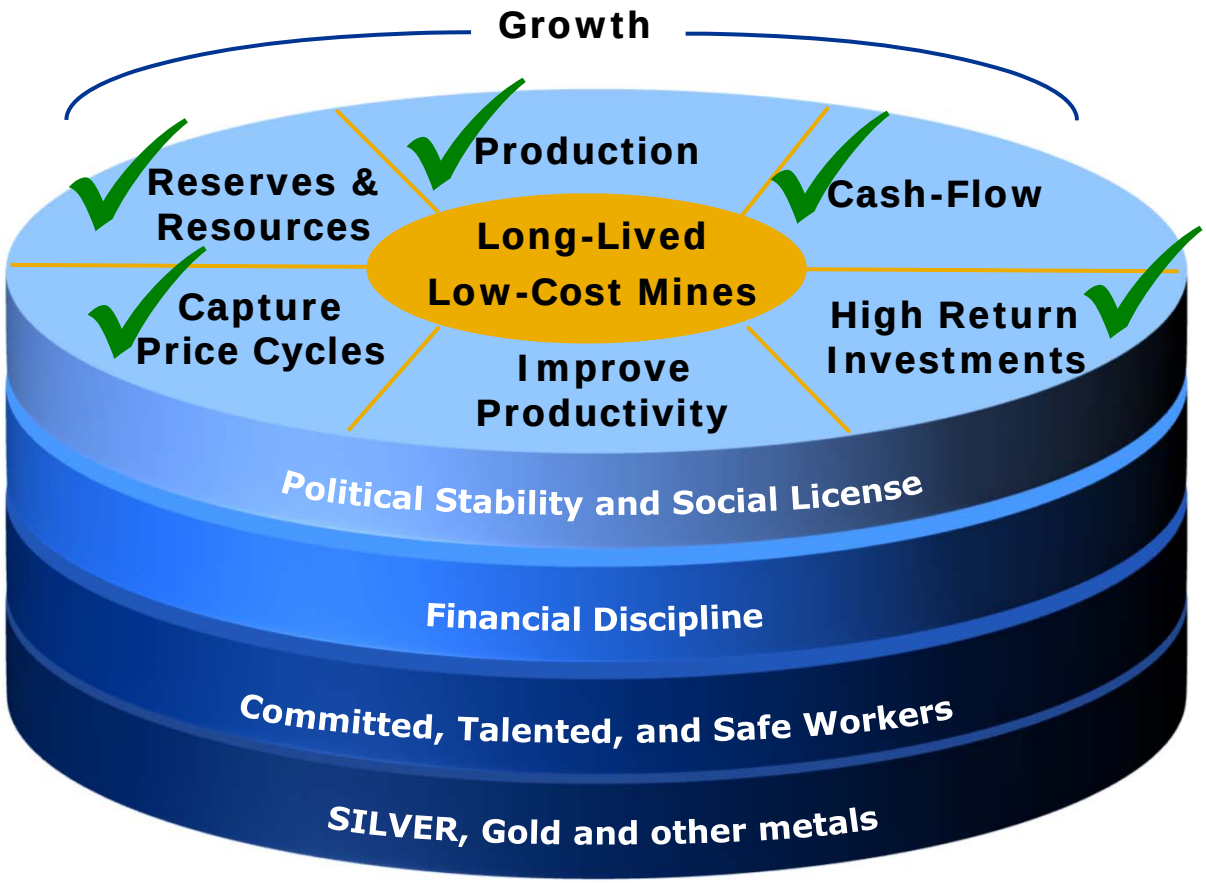
Why Invest in Hecla?



Strategy Created Per Share Value In 2016

2017 focus is on improving productivity through innovation

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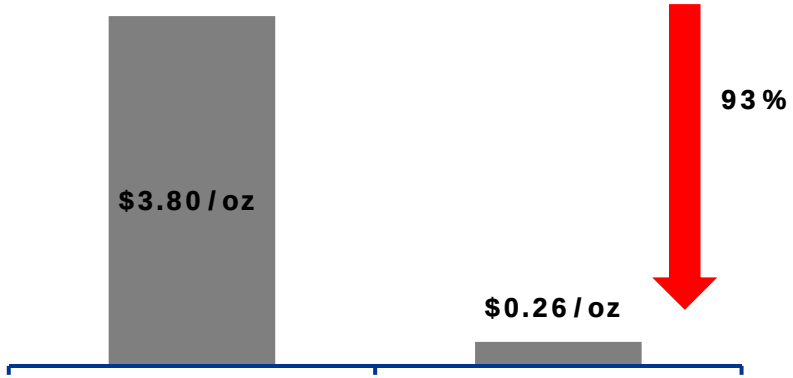
LONG TERM GOALS: Investment Grade & S&P 500 Listing

Strong Financial Performance

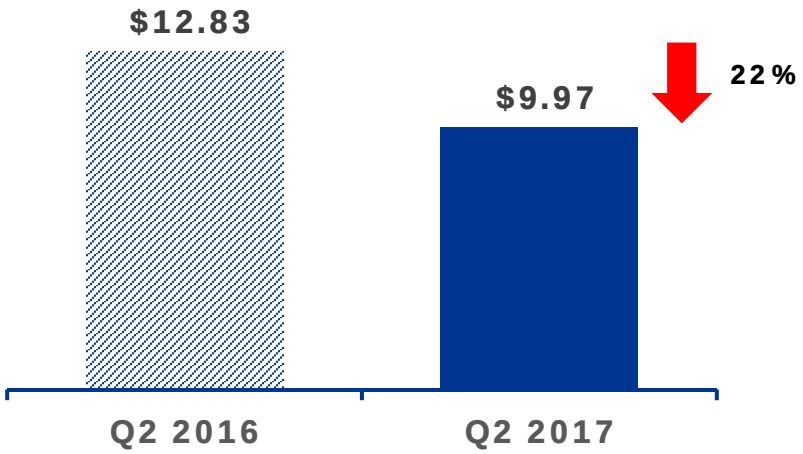
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- Extended San Sebastian Mill lease
- Mines on plan, 2H stronger as expected
- Tax provision
- Significantly lower capex
- Lucky Friday strike continues

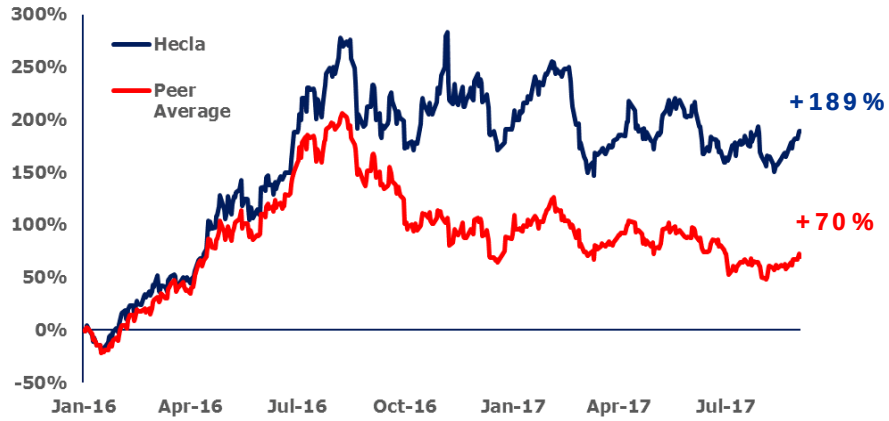
Cash Cost per Silver Ounce[1]
(After By-Product Credits)



AISC – per Silver Ounce[2]
(After By-Product Credits)



Outperformed Peer Share Prices



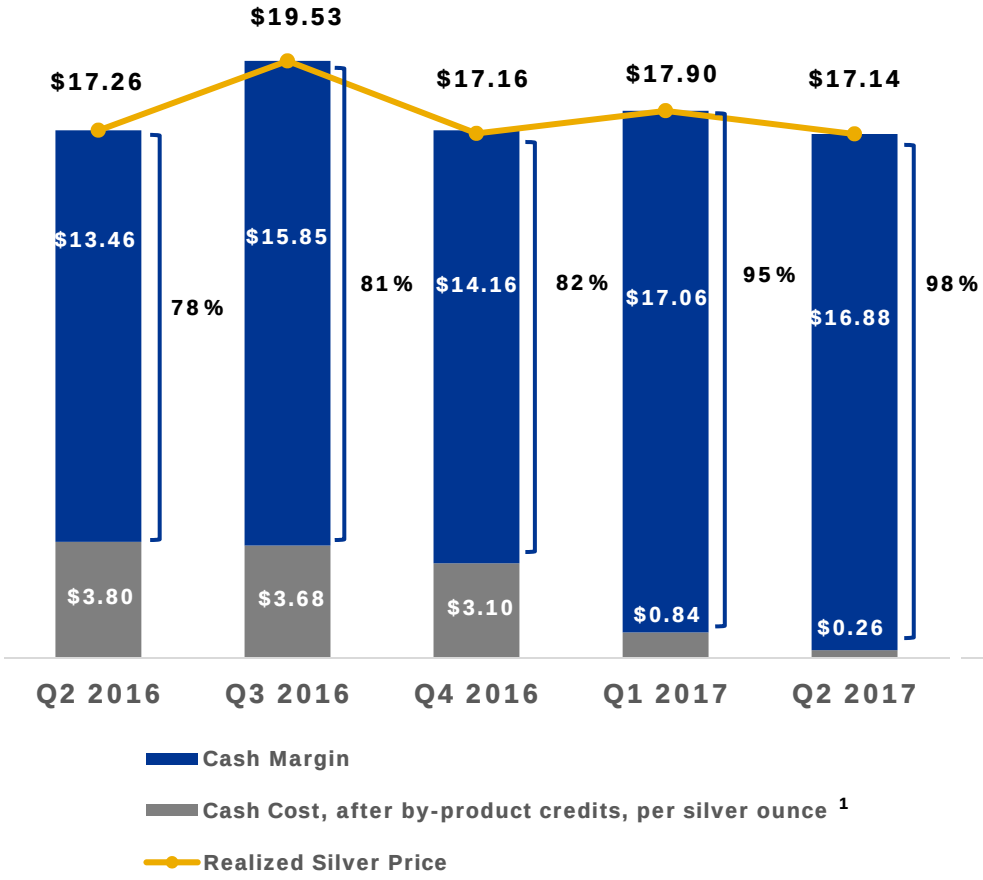
Peers include: Pan American Silver, Tahoe, Coeur Mining, First Majestic, SSR Mining Source: Bloomberg, January 4, 2016 – September 6, 2017

Strong Silver and Gold Margins

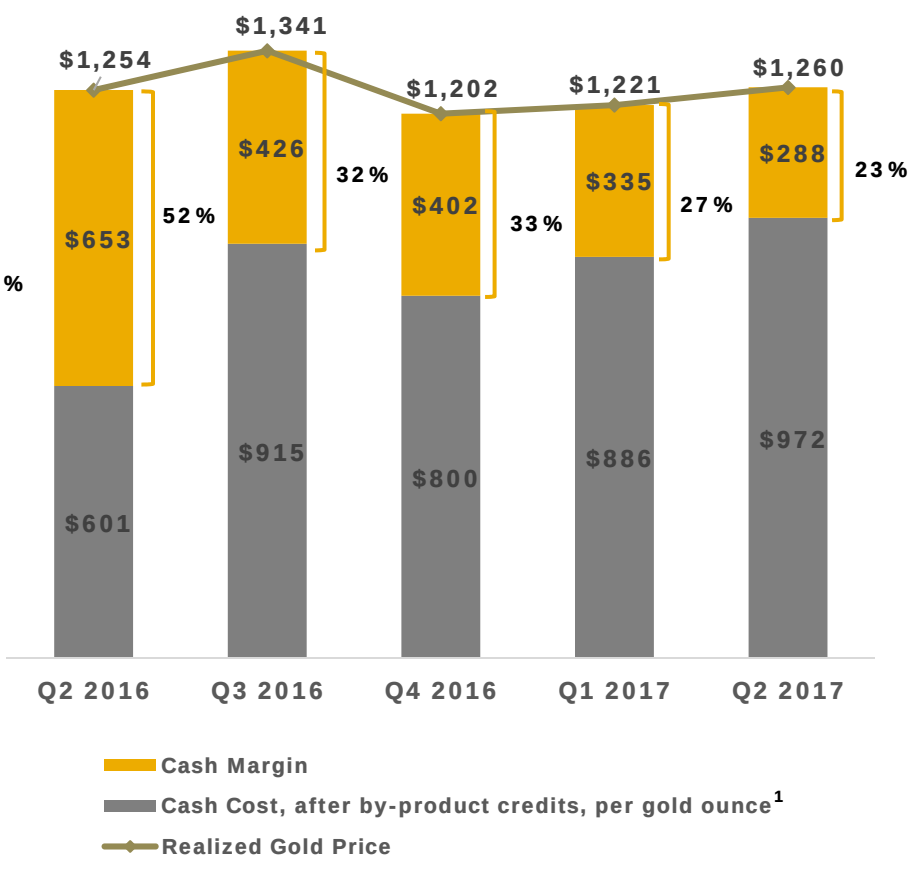
98% silver cash margin is one of the industry's highest

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Silver Margins



Gold Margins



Innovation is Here:
And It's a Game Changer

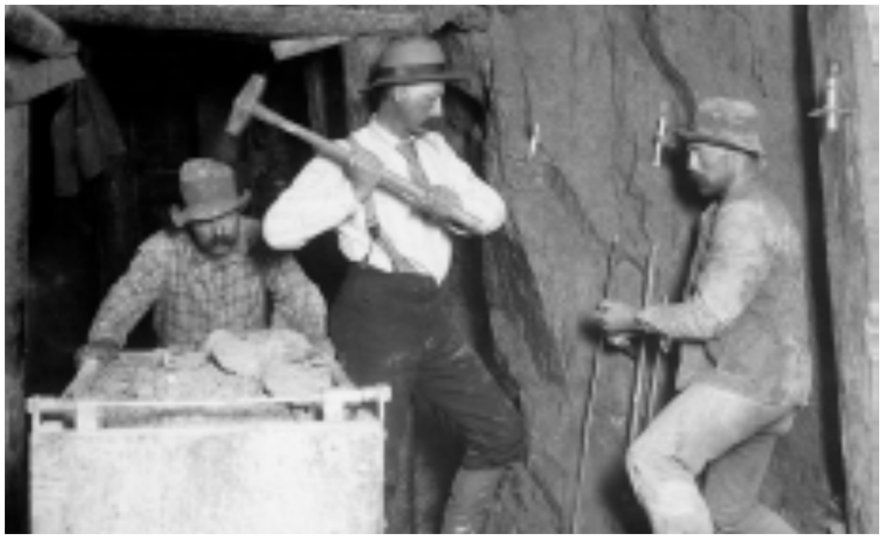


The Need to Improve Productivity

What percentage of variable cost was labor in 1900? Today?

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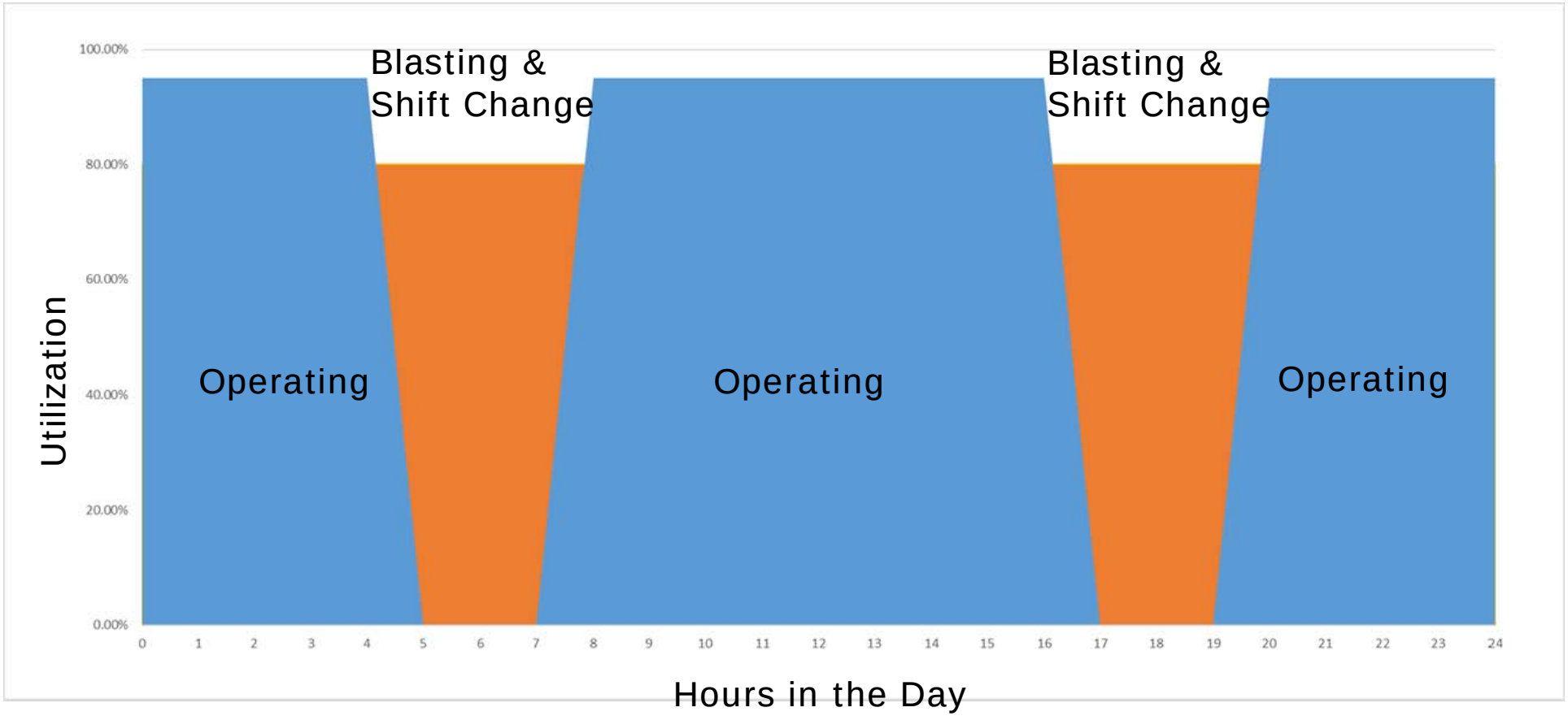
The future of mining:
Moving miners back from the face

Shaft operator also operates
rock breakers from surface

Creating Value During The Shift Change

Automated LHD operates during shift change/blasting increasing productivity

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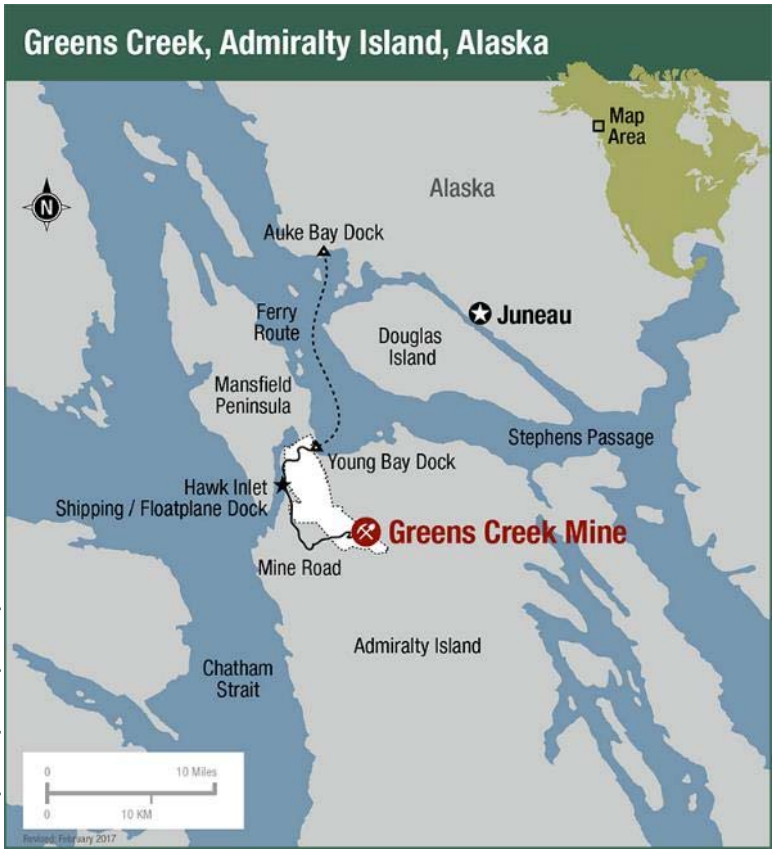
Greens Creek

Consistent low-cost production in a wilderness area / National Monument

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	2016	Q2 2016	Q2 2017	2017E
Silver Production (Moz)	9.3	2.2	1.9	7.4 - 8.0
Gold Production (koz)	54	12	13	54 – 60
Cost of Sales	$191.3 M	$43.7 M	$54.3 M	$228 M
Cash cost, after by-product credits, per silver oz[1]	$3.84/oz	$5.38/oz	$1.86/oz	$2.50/oz
AISC, after by-product Credits[2]	$9.42/oz	$12.87/oz	$8.71/oz	$9.50/oz

2017E Sustaining Capital	$45.5 M
FCF 2016[3]	$85.1 million
FCF To Date	$1 billion

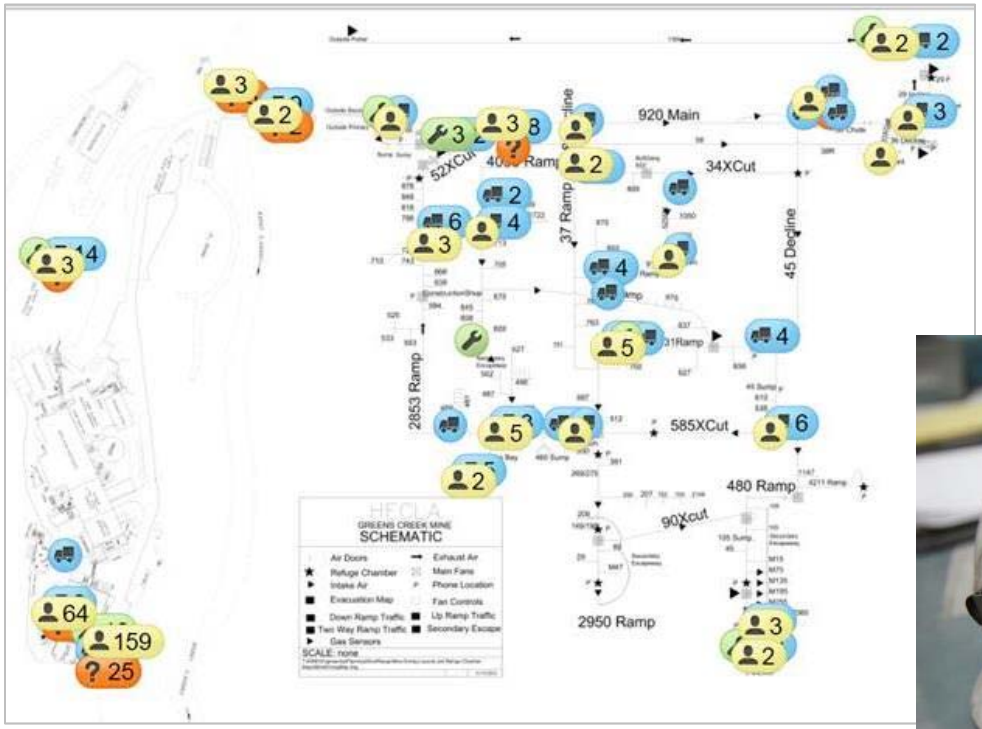
First We WIFI the Mines

Is key to increased safety & productivity

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Improving Mining Based On Data



Ventilation on Demand Will Be Functioning in 2017



Then We Can Increase Productivity

Greens Creek tele-remote LHD increased productivity

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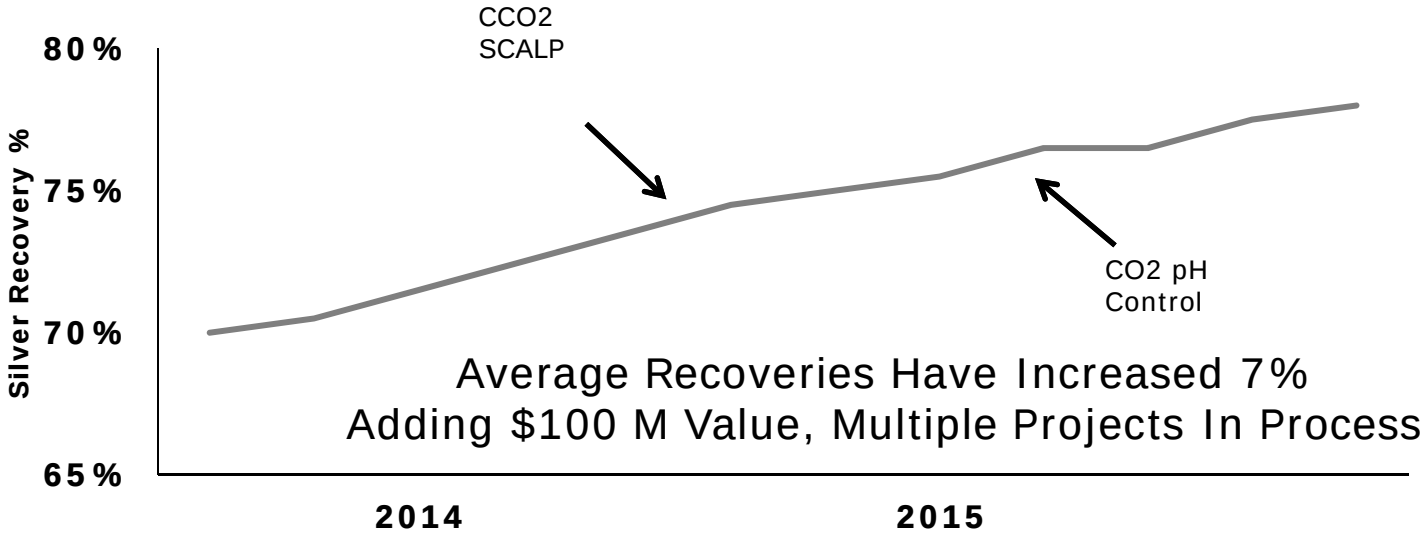
Hecla Has Significantly Improved Recoveries

Expect further improvements from Woodgrove SFR flotation cells

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- Increases payable silver and gold by having it report to bulk con instead of the zinc con
- Cost approx. $1.3 million
- Payback expected in 6-12 months
- IRR in excess of 100%
- Commissioned in Q2 2017

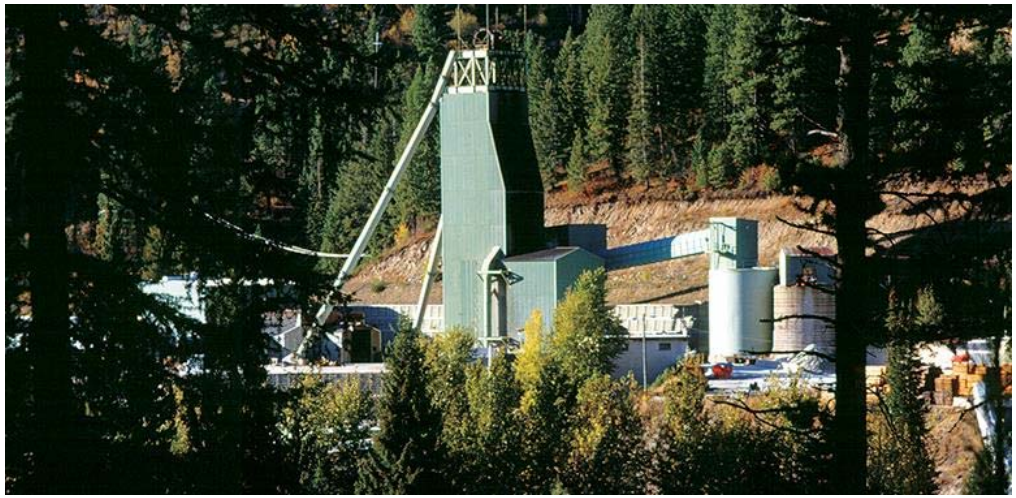


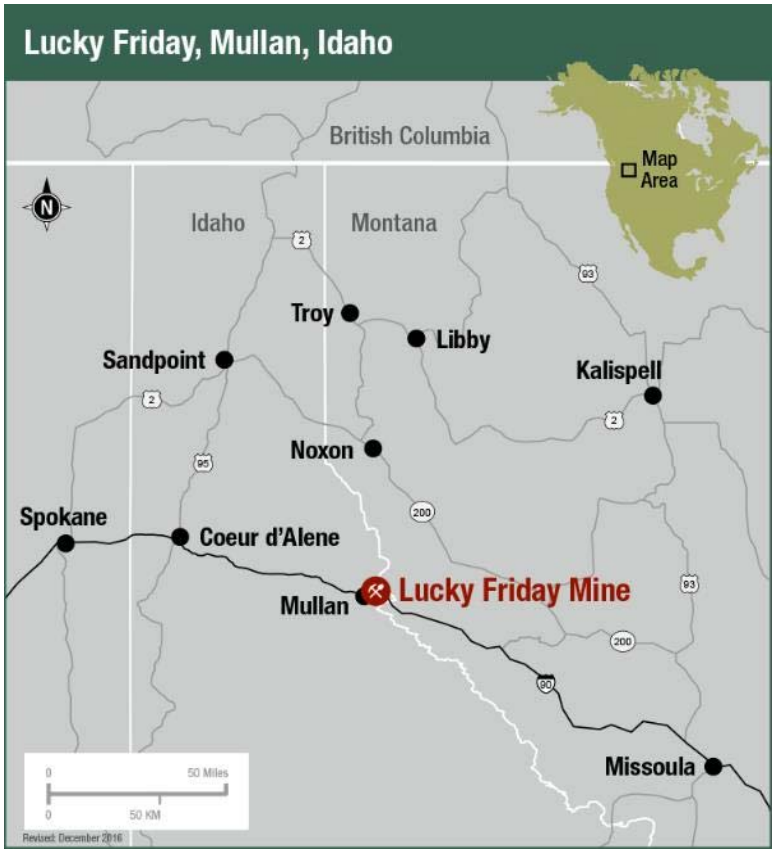
Average Recoveries Have Increased 7%
Adding $100 M Value, Multiple Projects In Process

Lucky Friday

Positioning for growth and longevity

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	2016	Q2 2016	Q2 2017	2017E
Silver Production (Moz)	3.6	.858	- -	TBD
Cost of Sales	$76.2 M	$18.7 M	- -	TBD
Cash cost, after by-product credits, per silver oz[1]	$8.89/oz	$9.94/oz	- -	TBD
AISC, after by-product credits[2]	$20.66/oz	$22.05/oz	- -	TBD

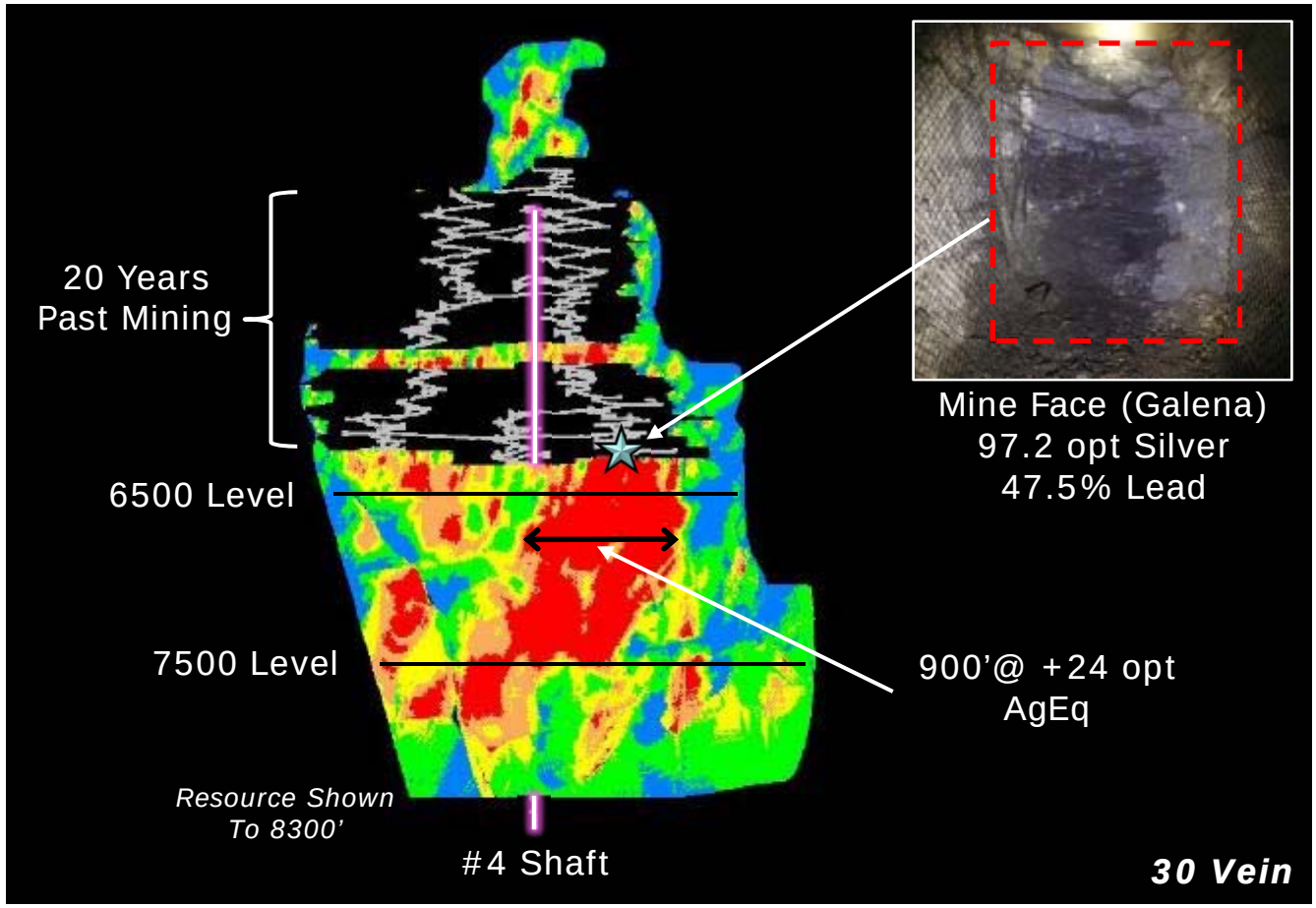
2017E Sustaining Capital	TBD
2P Reserves	77.8 Moz silver @ 16.1 oz/t Ag
M+I Resources	133 Moz silver @ 6.2 oz/t Ag

Union workers currently on strike.

#4 Shaft Gives Access to the High Grade Zone

Reserve grade 4 ounces higher than 2013, production grade increasing 0.5oz/yr

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ORE GRADE VALUES
*AgEq Grade (opt)

	> 24
	18 - 24
	12 - 18
	6 - 12
	< 6

Dec. 31, 2015

*Ag Equivalent Values Based Upon: Resource Prices $20.00/oz Ag, $0.90/lb Pb, $0.90/lb Zn

Testing Battery Powered LHD

Could reduce ventilation needs versus diesel

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Continuous Mechanical Cutting To Eliminate Drill / Blast

A 5-Year investment that could revolutionize the Lucky Friday

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Could Improve Safety and Productivity



Atlas Copco Test Mine 2016

Casa Berardi

Making a good mine great

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	2016	Q2 2016	Q2 2017	2017E
Gold Production (koz)	146	42	33.3	150 – 165
Cost of Sales	$155.7 M	$41.2 M	$43.7 M	$170 M
Cash cost, after by-product credits, per gold oz[1]	$764/oz	$601/oz	$972/oz	$800/oz
AISC, after by-product credits[2]	$1,244/oz	$1,034/oz	$1,373/oz	$1,150/oz

2017E Sustaining Capital	$50 M
2P Reserves	1.3 Moz gold @ 0.13 oz/t gold
M+I Resources	1.5 Moz gold @ 0.11 oz/t gold

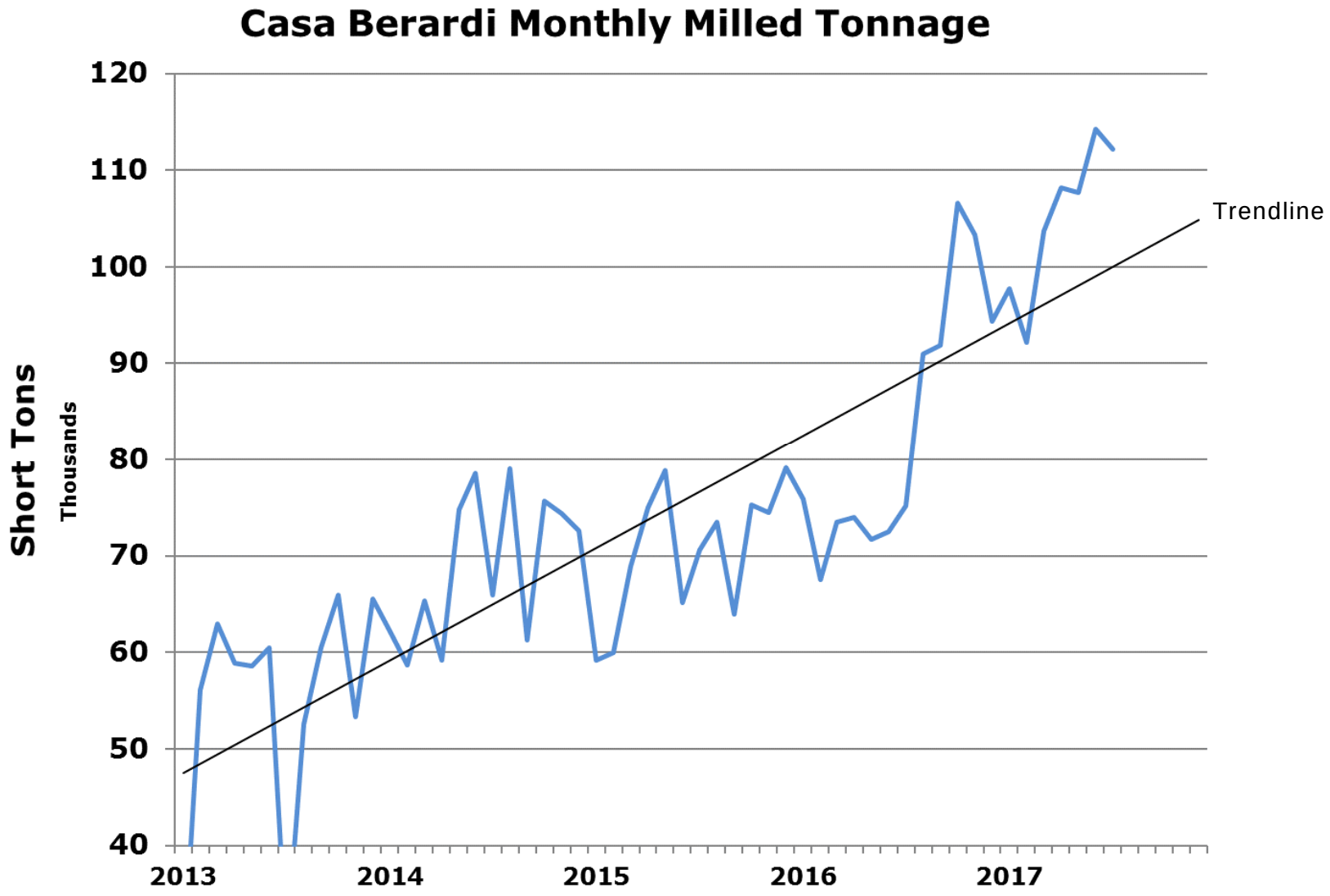


2016	Underground	Open Pit
Tons Milled	850,688	146,900
Gold Grade (oz/t)	0.18	0.07
Gold Production	137.5 koz	8.5 koz

Increasing Value at Casa Berardi

Oversized mill generates value with higher throughput

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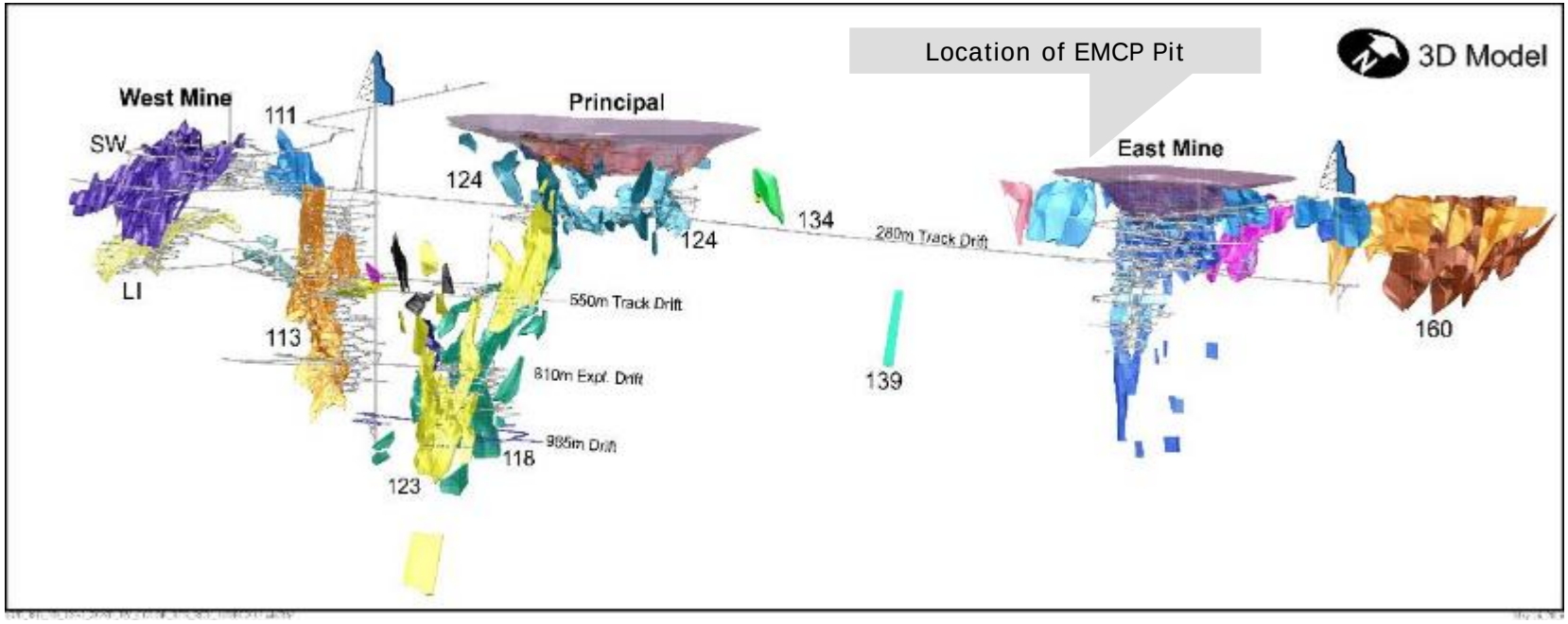


EMCP Pit is Transforming Casa Berardi

The first in a growing number of pits that will operate for years to come

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- **Optimizing the mill**: **~2,300** tpd (2015) to ~**3,600** tpd (Q2 2017)
- **Increasing operating flexibility:** More consistent operations
- **Strong Returns**: IRR of **90%***



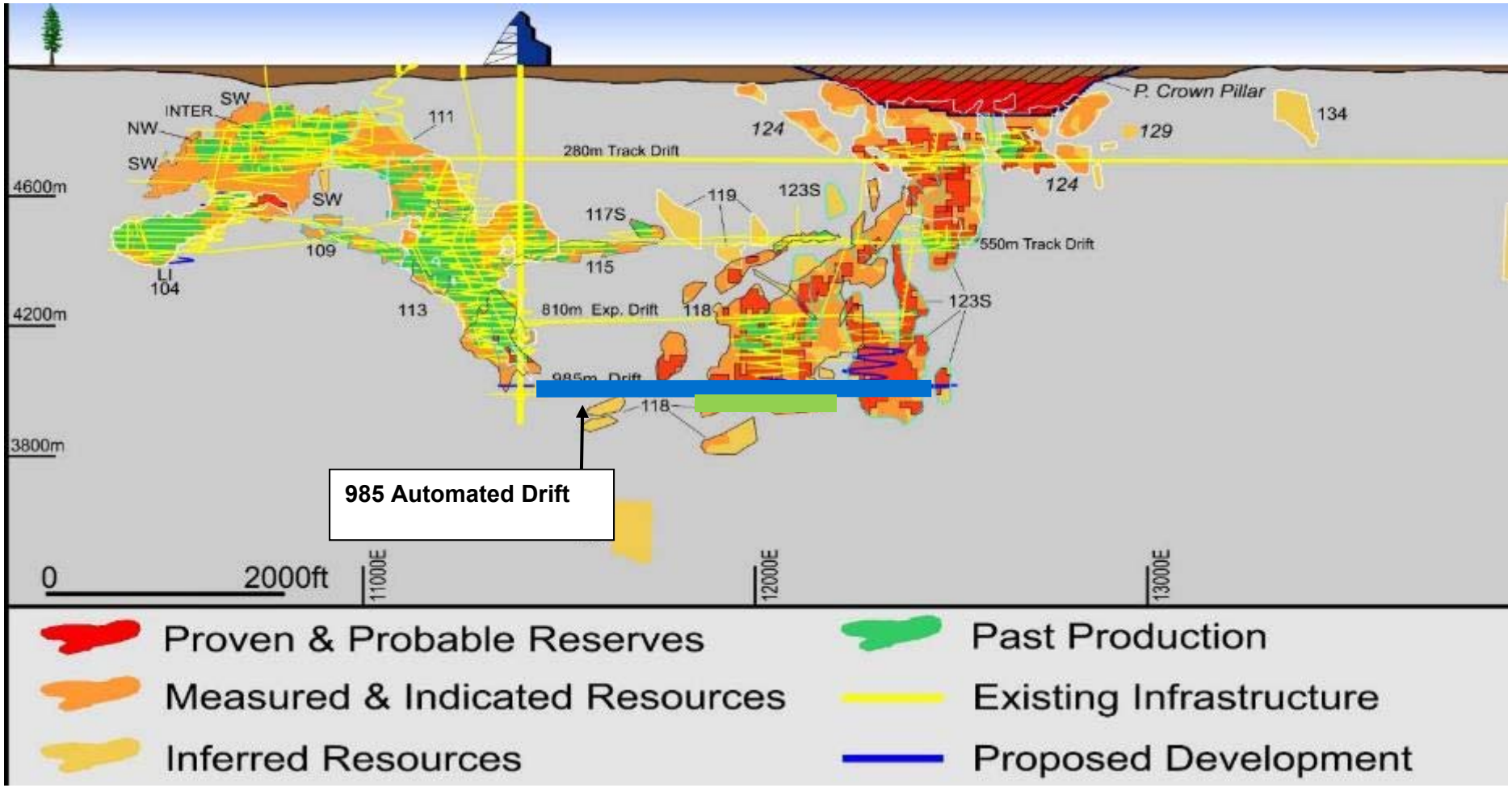
*Report prepared for the Company's use by Mine Development Association dated 06/26/15.

985 Automation in 2017

Two 40 tonne Sandvik trucks should save $5M, lessons for other operations

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- 123 & 118 Lower



Automated Truck Operational Later This Year

Modeled after the Williams operation

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Surface control center



Optical scanner & camera



Safety gated area





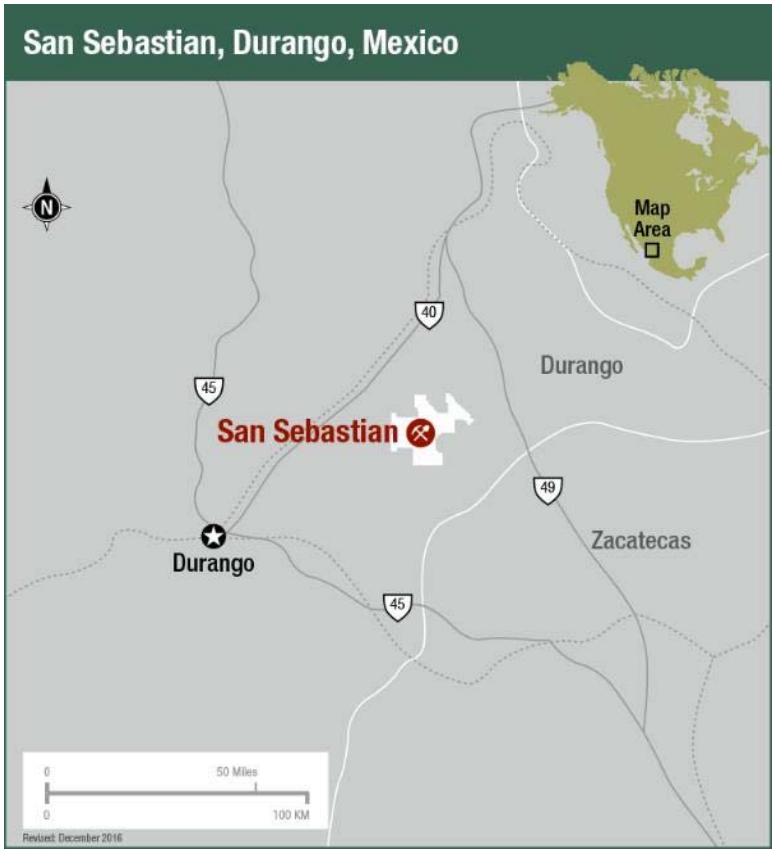
40 tonne autonomous truck now on site

San Sebastian

Just-in-time mining; looking to make it a long-term mine

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	2016	Q2 2016	Q2 2017	2017E
Silver Production (Moz)	4.3	1.3	867 koz	3.0 – 3.4
Gold Production (koz)	34	9.5	6.6	21 – 25
Cost of Sales	$31.2 M	$9.2 M	$5.1 M	$36 M
Cash cost, after by-product credits, per silver oz[1]	$(3.35)/oz	$(3.05)/oz	$(3.31)/oz	$0.00/oz
AISC, after by-product credits[2]	$(1.99)/oz	$(2.33)/oz	$0.06/oz	$2.00/oz

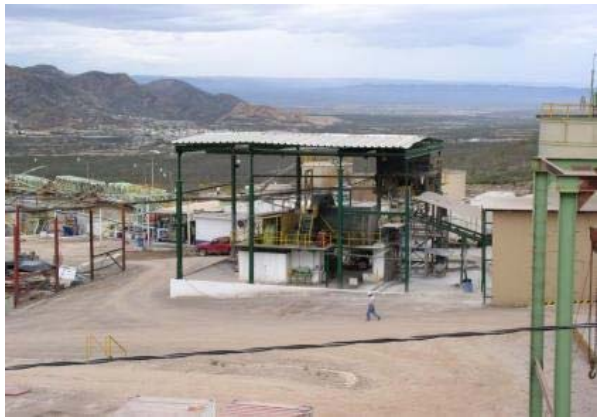
2017E Sustaining Capital	$1.5 M
2P Reserves	5.6 Moz silver @ 17.2 oz/t Ag
M+I Resources	8.3 Moz silver @ 5.4 oz/t Ag

San Sebastian Mine: A Flexible Approach

Low capital, high cash flow is a different mining model

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- $4 million capital to restart the mine, IRR of +1000%
- Renting third party mill and using contract mining
- $92 million free cash flow[3] in year 1 (2016)
- $21 million free cash flow[3] in 1H year 2 (2017)
- Mill now secured through 2020
- Going underground by 2018, still expect to generate positive free cash flow



Renting 3rd party mill



Contract mining

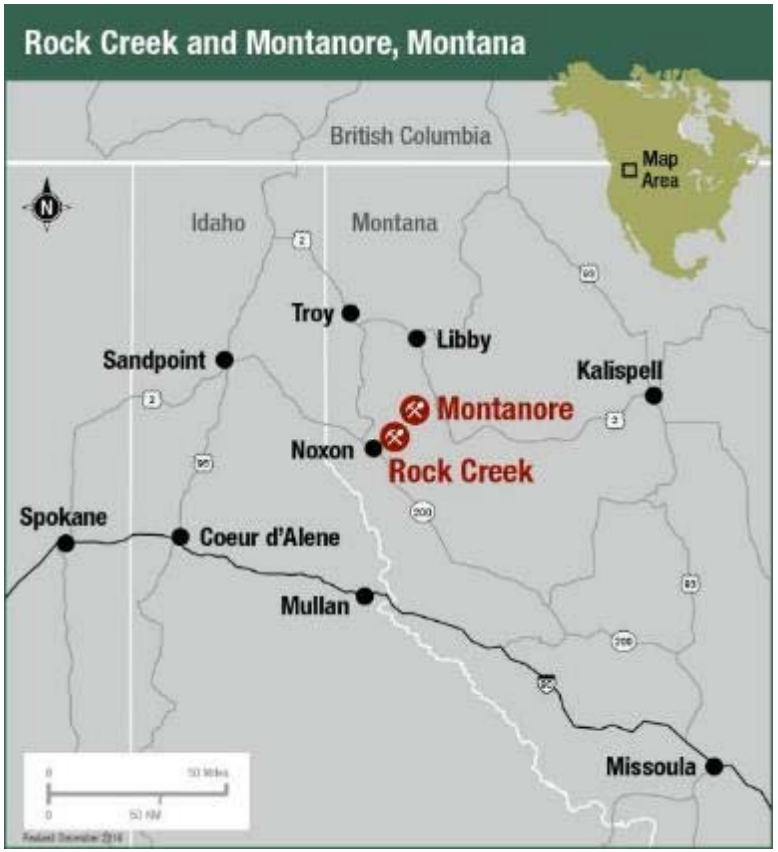
Rock Creek & Montanore

Final stages of permitting, expecting to advance in 2018

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	Rock Creek	Montanore
Potential Mine Life	20-30 years each	
Hecla stock acquisition cost	$19 M	$54 M
Big potential	148.1 Moz Ag / 1.3 Blbs Cu	183.4 Moz Ag / 1.5 Blbs Cu
Advanced permitting	SEIS	Final EIS, RODs**
Well located:	50 miles from Lucky Friday	
Large land position:	Good exploration potential	



** Record of Decision

Innovation: A Key to Maximizing Value

There will be winners

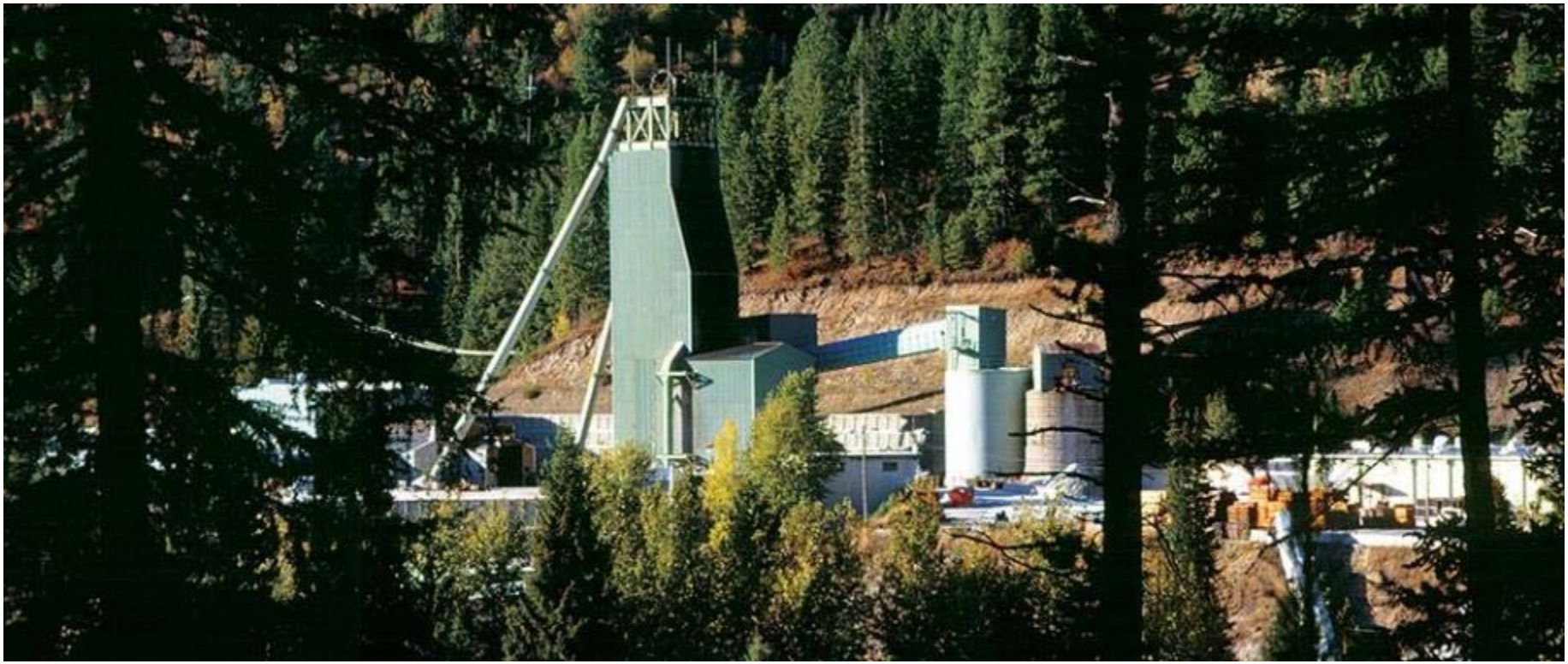
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Innovators realize:

- Lower costs and higher margins
- Increased reserves
- Longer mine lives
- Better environmental/safety records
- Expanded horizon of acquisition opportunities
- The ability to mine challenging deposits

Thank You





Appendix

Endnotes

1. Cash cost, after by-product credits, per silver and gold ounce represents a non-GAAP measurement, a reconciliation of which to cost of sales and other direct production costs and depreciation, depletion and amortization (sometimes referred to as "cost of sales" in this release), can be found at the end of the release. It is an important operating statistic that management utilizes to measure each mine's operating performance. It also allows the benchmarking of performance of each mines versus those of our competitors. As a primary silver mining company, management also uses the statistic on an aggregate basis - aggregating the Greens Creek, Lucky Friday and San Sebastian mines - to compare performance with that of other primary silver mining companies. With regard to Casa Berardi, management uses cash cost, after by- product credits, per gold ounce to compare its performance with other gold mines. Similarly, the statistic is useful in identifying acquisition and investment opportunities as it provides a common tool for measuring the financial performance of other mines with varying geologic, metallurgical and operating characteristics. In addition, the Company may use it when formulating performance goals and targets under its incentive program.
2. All in sustaining cost (AISC), after by-product credits, is a non-GAAP measurement, a reconciliation of which to cost of sales and other direct production costs and depreciation, depletion and amortization, the closest GAAP measurement, can be found in the appendix. AISC, after by-product credits, includes cost of sales and other direct production costs, expenses for reclamation and exploration, and sustaining capital costs at the mines sites. AISC, after by-product credits for our consolidated silver properties also includes corporate costs for all general and administrative expenses, exploration and sustaining capital which support the operating properties. AISC, after by-product credits, is calculated net of depreciation, depletion, and amortization and by-product credits. 2017E refers to Hecla's estimates for 2017. Current GAAP measures used in the mining industry, such as cost of goods sold, do not capture all the expenditures incurred to discover, develop and sustain silver and gold production. Management believes that all in sustaining costs is a non-GAAP measure that provides additional information to management, investors and analysts to help in the understanding of the economics of our operations and performance compared to other producers and in the investor's visibility by better defining the total costs associated with production. Similarly, the statistic is useful in identifying acquisition and investment opportunities as it provides a common tool for measuring the financial performance of other mines with varying geologic, metallurgical and operating characteristics. In addition, the Company may use it when formulating performance goals and targets under its incentive program.
3. Free Cash Flow is a non-GAAP measure calculated as Operating Cash Flow (GAAP) less Capex (GAAP). Cash flow conversion calculated as Free Cash Flow from mines divided by Operating Cash Flow.
4. Silver equivalent is calculated using the average market prices for the time period noted.
5. 2017E refers to Hecla's estimates for 2017.
6. Expectations for 2017 includes silver, gold, lead and zinc production from Lucky Friday, Greens Creek, San Sebastian and Casa Berardi converted using Au $1,225/oz, Ag $17.25/oz, Zn $1.30/lb, Pb $1.05/lb.

2017 Expectations

Expectations will be updated once Lucky Friday strike has ended

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Production Outlook

	Silver Production (Moz)	Gold Production (Koz)	Silver Equivalent (Moz)[4]	Gold Equivalent (koz)[4]
Greens Creek	7.4 – 8.0	54 - 60	22.8 – 23.9	322 - 336
Lucky Friday	TBD	-	TBD	TBD
San Sebastian	3.0 – 3.4	21 -25	4.5 – 5.2	63 - 73
Casa Berardi	-	150 – 165	11.0 – 11.8	155 - 165
Total	**TBD**	**230 - 250**	**TBD**	**TBD**

Cost Outlook

	Costs of Sales (million)	Cash cost, after by-product credits, per silver / gold ounce[1]	AISC, after by-product credits, per produced silver / gold ounce[2]
Greens Creek	$228 (silver)	$2.50 (silver)	$9.50 (silver)
Lucky Friday	TBD	TBD	TBD
San Sebastian	$36 (silver)	$(0.00) (silver)	$2.00 (silver)
Total Silver	**$TBD**	**$TBD**	**$TBD**
Casa Berardi	$170 (gold)	$800.00 (gold)	$1,150 (gold)
Total Gold	**$170 (gold)**	**$800.00 (gold)**	**$1,150 (gold)**

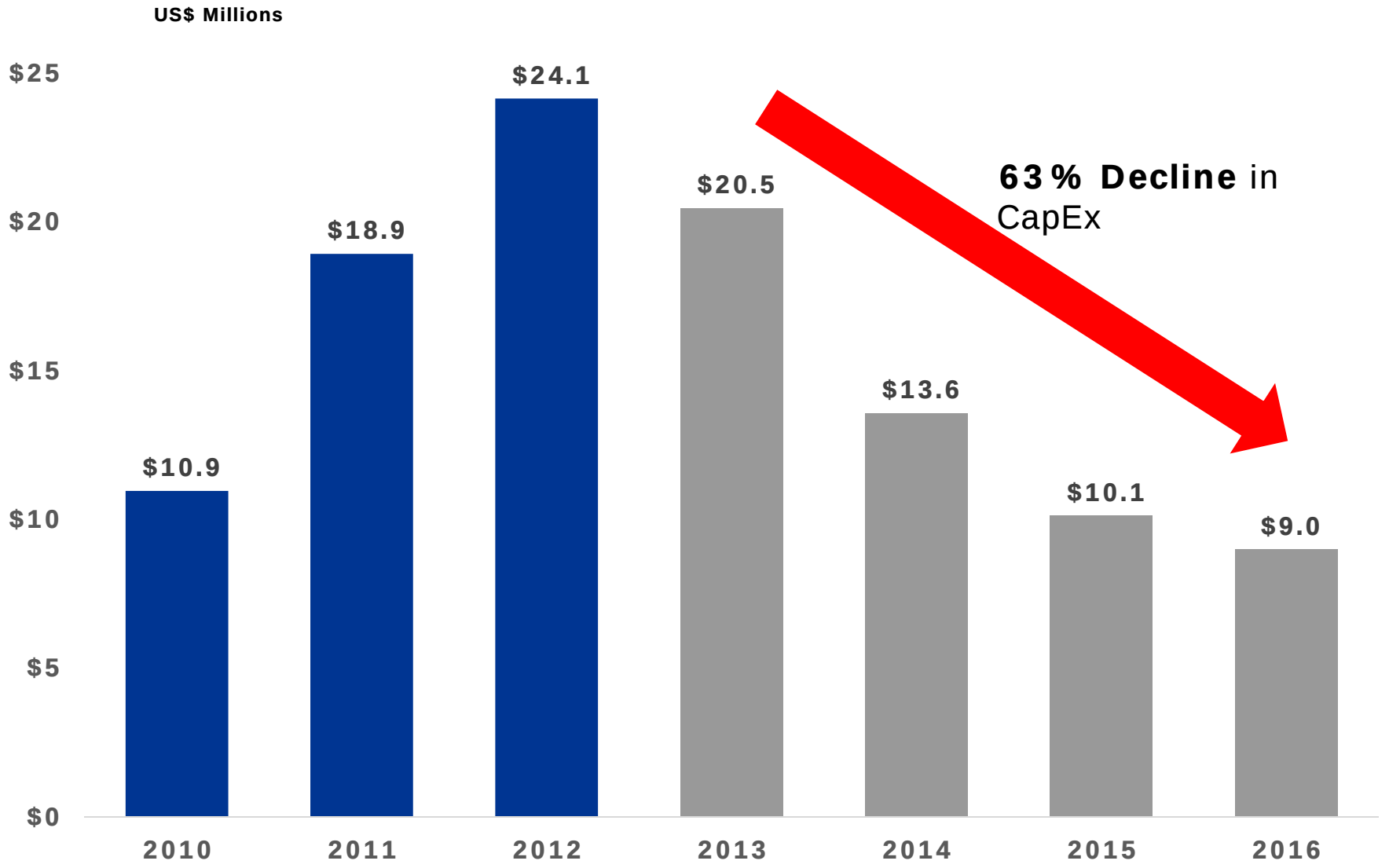
Capital and Exploration Outlook

2017E capital expenditures[5] (excluding capitalized interest)	$TBD
2017E exploration expenditures[5] (includes corporate development)	$20-25 million
2017E pre-development expenditures[5]	$5 Million

Precious Metals CapEx Decline

Results in shortened mine life

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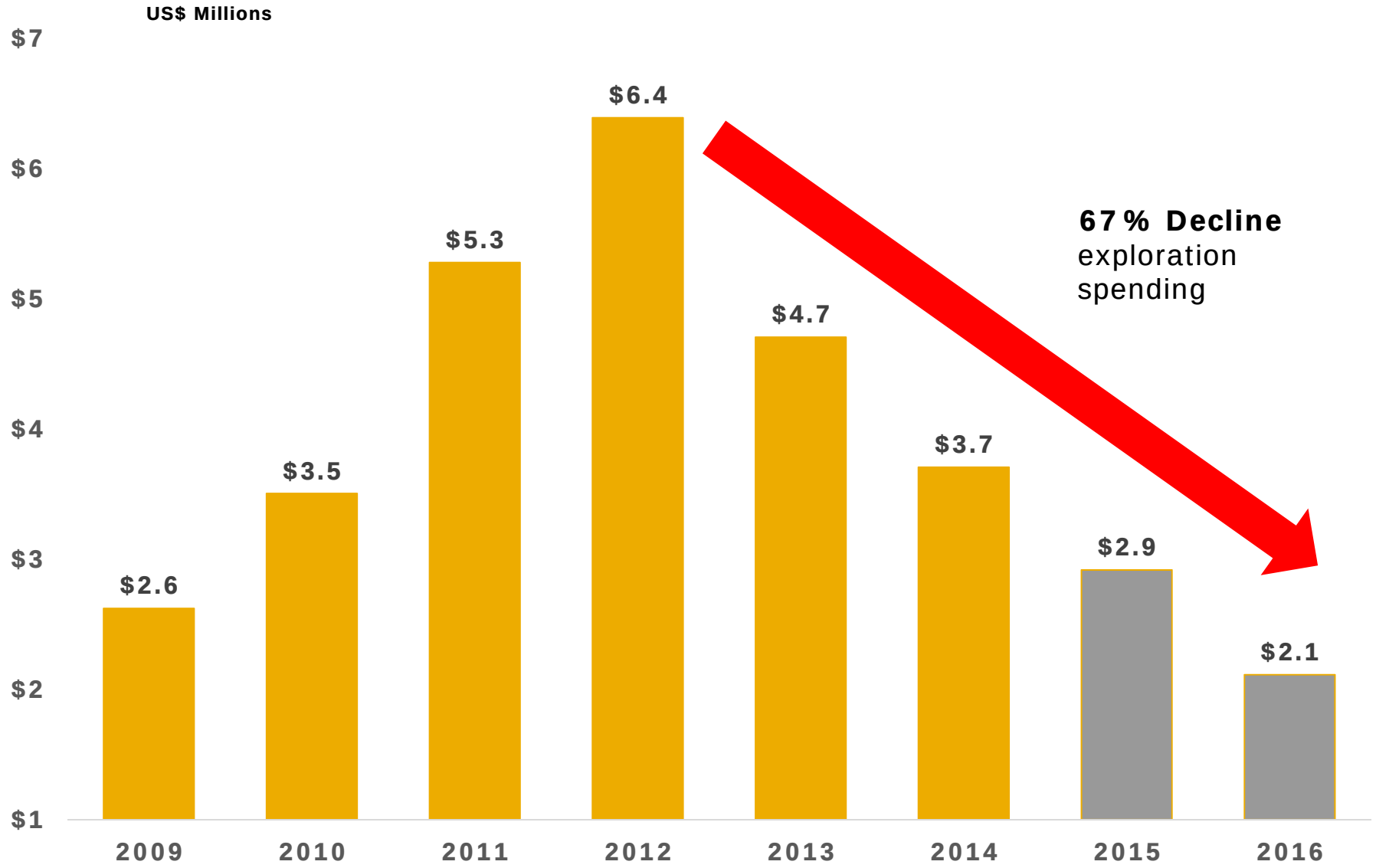


Source: Company reports and Wells Fargo Securities' estimates

Worldwide Exploration Budgets - Gold

Reduced exploration means fewer and smaller discoveries in future

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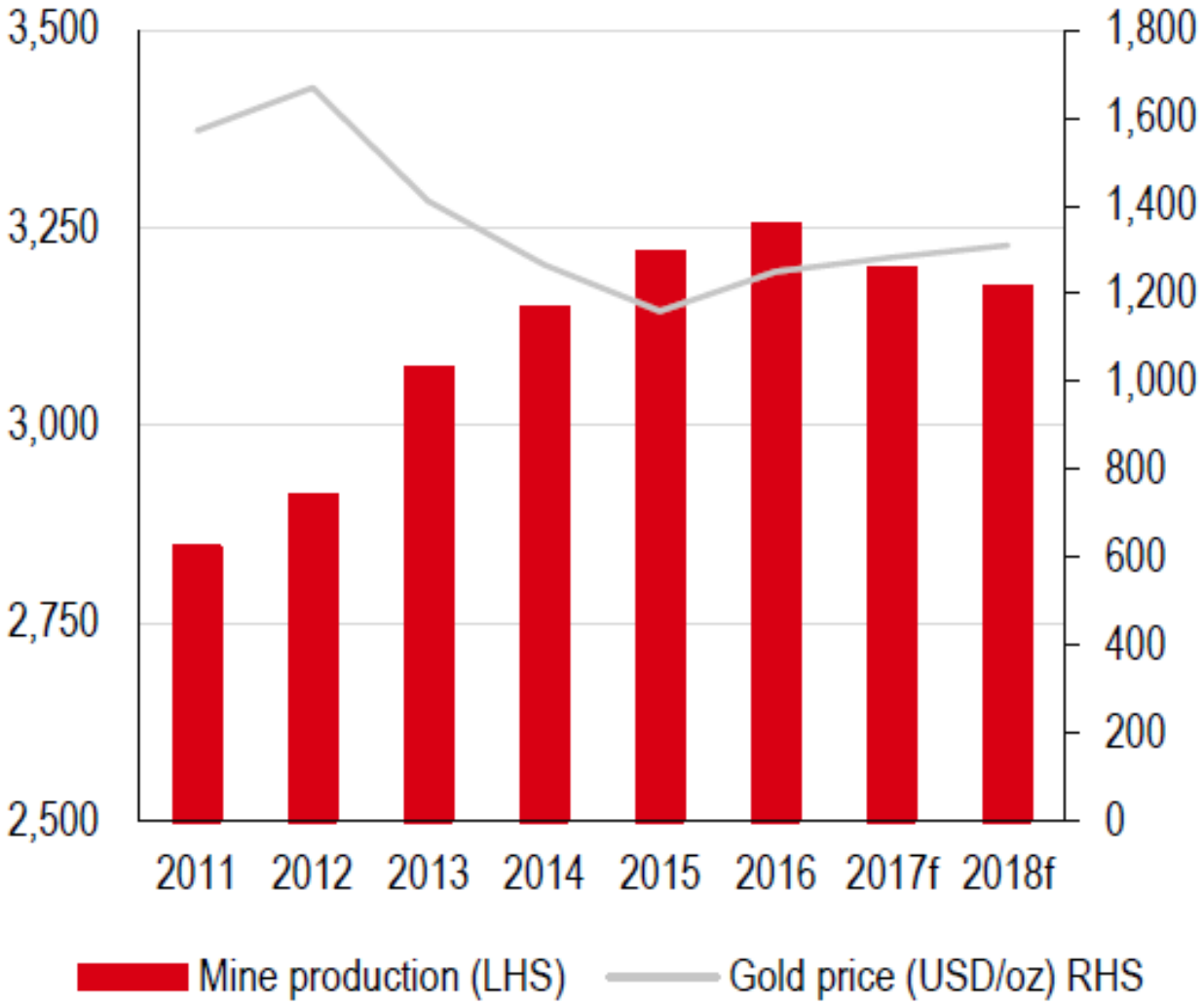


Source: SNL Metals & Mining

Global Gold Mine Production (tonnes)

Declining production bodes well for prices

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Source: Metals Focus, WGC, Thomson Reuters GFMS, HSBC

Proven & Probable Mineral Reserves

(on Dec. 31, 2016 unless otherwise noted)

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Proven Reserves											
Asset	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Lead %	Zinc %	Copper %	Silver (000 oz)	Gold (000 oz)	Lead Tons	Zinc Tons	Copper Tons
Greens Creek (a)	9	15.5	0.09	2.5	6.6	-	140	1	230	600	-
Lucky Friday (a)	3,308	17.5	-	10.4	3.3	-	57,925	-	345,360	110,400	-
Casa Berardi (1)	2,575	-	0.11	-	-	-	-	272	-	-	-
San Sebastian (a)	43	23.4	0.19	-	-	-	1,008	8	-	-	-
Total.....	5,935						59,073	281	345,590	111,000	-

Probable Reserves											
Asset	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Lead %	Zinc %	Copper %	Silver (000 oz)	Gold (000 oz)	Lead (Tons)	Zinc (Tons)	Copper Tons
Greens Creek (a)	7,585	11.7	0.09	2.9	7.6	-	88,729	672	217,050	575,530	-
Lucky Friday (a)	1,542	12.9	-	7.9	2.8	-	19,912	-	121,640	43,410	-
Casa Berardi (1)	7,752	-	0.13	-	-	-	-	1,037	-	-	-
San Sebastian (a)	283	16.2	0.10	-	-	-	4,593	29	-	-	-
Total.....	17,162						113,233	1,738	338,690	618,940	-

Proven and Probable Reserves											
Asset	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Lead %	Zinc %	Copper %	Silver (000 oz)	Gold (000 oz)	Lead (Tons)	Zinc (Tons)	Copper Tons
Greens Creek (a)	7,594	11.7	0.09	2.9	7.6	-	88,869	673	217,280	576,130	-
Lucky Friday (a)	4,850	16.1	-	9.6	3.2	-	77,837	-	467,000	153,810	-
Casa Berardi (1)	10,327	-	0.13	-	-	-	-	1,309	-	-	-
San Sebastian (a)	326	17.2	0.11	-	-	-	5,600	37	-	-	-
Total.....	23,096						172,306	2,019	684,280	729,940	-

(a) Mineral reserves are based on $1200 gold, $14.50 silver, $0.90 lead, $1.05 zinc, unless otherwise stated.

(1) Mineral reserves are based on $1200 gold and a US$/CAN$ exchange rate of 1:1.4 Reserve diluted to an average of 34.7% to minimum width of 9.8 feet (3 m)
Open pit mineral reserves of the Principal Mine were estimated in February 2011 by BBA Inc. based on $950 gold and a US$/CAN$ exchange rate of 1:1. Reserve diluted to 10%
Technical Report on the Pre-Feasibility Study for the Casa Berardi Principal Zone Open-Pit Project, La Sarre, Quebec, February 2011
Prepared by: Patrice Live, Eng. - BBA Inc.; Amanda Fitch, Jr. Eng. - BBA Inc.; Andre Allaire, Eng., M. Eng., Ph.D. - BBA

Measured and Indicated Mineral Resources

(on Dec. 31, 2016 unless otherwise noted)

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Measured Resources											
Asset	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Lead %	Zinc %	Copper %	Silver (000 oz)	Gold (000 oz)	Lead (Tons)	Zinc (Tons)	Copper Tons
Greens Creek (b)	-	-	-	-	-	-	-	-	-	-	
Lucky Friday (2)(b)	14,698	6.3	-	4.2	2.3	-	92,178	-	610,550	344,890	-
Casa Berardi (3)	2,108	-	0.16	-	-	-	-	340	-	-	-
San Sebastian (4)(b)	-	-	-	-	-	-	-	-	-	-	-
Heva (5)	5,480	-	0.06	-	-	-	-	304	-	-	-
Hosco (5)	33,070	-	0.04	-	-	-	-	1,296	-	-	-
Rio Grande Silver (6)(b)	-	-	-	-	-	-	-	-	-	-	-
Star (7)(a)	-	-	-	-	-	-	-	-	-	-	-
Total.....	55,355						92,178	1,940	610,550	344,890	-

Indicated Resources											
Asset	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Lead %	Zinc %	Copper %	Silver (000 oz)	Gold (000 oz)	Lead (Tons)	Zinc (Tons)	Copper Tons
Greens Creek (b)	1,785	10.8	0.09	3.1	7.8	-	19,320	154	55,980	139,660	-
Lucky Friday (2)(b)	6,801	6.0	-	4.2	2.2	-	40,853	-	282,790	146,550	-
Casa Berardi (3)	11,220	-	0.10	-	-	-	-	1,128	-	-	-
San Sebastian (4)(b)	1,530	5.4	0.07	2.9	3.8	1.7	8,285	114	14,620	19,050	8,420
Heva (5)	5,570	-	0.07	-	-	-	-	369	-	-	-
Hosco (5)	31,620	-	0.04	-	-	-	-	1,151	-	-	-
Rio Grande Silver (6)	516	14.8	-	2.1	1.1	-	7,620	-	10,760	5,820	-
Star (7)(b)	1,126	2.9	-	6.2	7.4	-	3,301	-	69,900	83,410	-
Total.....	60,167						79,379	2,917	434,050	394,490	8,420

Measured & Indicated Resources											
Asset	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Lead %	Zinc %	Copper %	Silver (000 oz)	Gold (000 oz)	Lead (Tons)	Zinc (Tons)	Copper Tons
Greens Creek (b)	1,785	10.8	0.09	3.1	7.8	-	19,320	154	55,980	139,660	-
Lucky Friday (2)(b)	21,499	6.2	-	4.2	2.3	-	133,031	-	893,340	491,440	-
Casa Berardi (3)	13,327	-	0.11	-	-	-	-	1,468	-	-	-
San Sebastian (4)(b)	1,530	5.4	0.07	2.9	3.8	1.7	8,285	114	14,620	19,050	8,420
Heva (5)	11,050	-	0.06	-	-	-	-	672	-	-	-
Hosco (5)	64,690	-	0.04	-	-	-	-	2,447	-	-	-
Rio Grande Silver (6)	516	14.8	-	2.1	1.1	-	7,620	-	10,760	5,820	-
Star (7)(b)	1,126	2.9	-	6.2	7.4	-	3,301	-	69,900	83,410	-
Total.....	115,522						171,557	4,856	1,044,600	739,380	8,420

Inferred Mineral Resources

(on Dec. 31, 2016 unless otherwise noted)

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Inferred Resources											
Asset	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Lead %	Zinc %	Copper %	Silver (000 oz)	Gold (000 oz)	Lead (Tons)	Zinc (Tons)	Copper Tons
Greens Creek (b)	3,397	11.9	0.08	2.9	7.2	-	40,253	285	98,380	243,220	-
Lucky Friday (8)(b)	4,427	7.7	-	5.6	2.0	-	34,032	-	247,260	87,240	-
Casa Berardi (3)	4,635	-	0.14	-	-	-	-	628	-	-	-
San Sebastian (9) (b)	2,817	5.5	0.03	1.8	2.5	1.5	15,413	89	22,960	32,670	19,220
Heva (5)	4,210	-	0.08	-	-	-	-	350	-	-	-
Hosco (5)	7,650	-	0.04	-	-	-	-	314	-	-	-
Rio Grande Silver (10)	3,078	10.7	0.01	1.3	1.1	-	33,097	36	40,990	34,980	-
Star (11)(b)	3,157	2.9	-	5.6	5.5	-	9,432	-	178,670	174,450	-
Monte Cristo (12)	913	0.3	0.14	-	-	-	271	131	-	-	-
Rock Creek (13)	97,573	1.5	-	-	-	0.7	148,094	-	-	-	655,070
Montanore (14)	112,185	1.6	-	-	-	0.7	183,346	-	-	-	759,420
Total.....	244,041						463,938	1,833	588,260	572,560	1,433,710

(b) Mineral resources are based on $1350 gold, $21 silver, $0.95 lead, $1.10 zinc and $3.00 copper, unless otherwise stated.

(2) Measured and indicated resources from Gold Hunter and Lucky Friday vein systems are diluted and factored for expected mining recovery.

(3) Measured, indicated and inferred resources are based on $1,350 gold and a US$/CAN$ exchange rate of 1:1.4 Underground resources are reported at a minimum mining width of 6.6 to 9.8 feet (2 m to 3 m)
Open pit mineral resources of the Principal Mine were estimated in February 2011 by BBA Inc. based on $950 gold and a US$/CAN$ exchange rate of 1:1
Technical Report on the Pre-Feasibility Study for the Casa Berardi Principal Zone Open-Pit Project, La Sarre, Quebec, February 2011
Prepared by: Patrice Live, Eng. - BBA Inc.; Amanda Fitch, Jr. Eng. - BBA Inc.; Andre Allaire, Eng., M. Eng., Ph.D. - BBA
Open pit mineral resources of the 160 Zone were estimated by InnovExplo Inc., effective date 24 August, 2011, based on $1,250 gold and a US$/CAN$ exchange rate of 1:1, Resources diluted to 12%
Preliminary Economic Assessment on the Casa Berardi Mine - Zone 160, May 4, 2012
Prepared by: Nathalie Gauthier, Eng., P.Eng., - InnovExplo; Gilles Carrier, Eng., Aurizon Mines Ltd.

(4) Indicated resources reported at a minimum mining width of 6.6 feet (2 m) for Hugh Zone and 4.9 feet (1.5 m) for Andrea Vein, Middle Vein, and North Vein. East Francine resources reported at actual vein width.
San Sebastian lead, zinc and copper grades are for 499,200 tons of indicated resource within the Hugh Zone only.

(5) Measured, indicated and inferred resources were estimated in by Goldminds Geoservices Inc. with effective date 12-July-2013, and are based on $1,300 gold and a US$/CAN$ exchange rate of 1:1.
The resources are in-situ without dilution and material loss.
NI43-101 Technical Report, Mineral Resource Update, Heva-Hosco Gold Projects, Rouyn-Noranda, Quebec, Hecla Quebec, December 2013
Prepared by: Claude Duplessis, Eng. Project Manager - GoldMinds Geoservices Inc.; Maxime Dupéré, P.Geo - SGS Canada Inc. (Geostat)

(6) Indicated resources reported at a minimum mining width of 6.0 feet for Bulldog; resources based on $26.5 Ag, $0.85 Pb, and $0.85 Zn

(7) Indicated resources reported at a minimum mining width of 4.3 feet.

(8) Inferred resources from Gold Hunter and Lucky Friday vein systems are diluted and factored for expected mining recovery.

(9) Inferred resources reported at a minimum mining width of 6.6 feet (2 m) for Hugh Zone and 4.9 feet (1.5 m) for Andrea Vein, Middle Vein, and North Vein. East Francine resources reported at actual vein width.
San Sebastian lead, zinc, and copper grades are for 1,311,300 tons of inferred resource within the Hugh Zone only.

(10) Inferred resources reported at a minimum mining width of 6.0 feet for Bulldog, 5.0 feet for Equity & North Amethyst veins; resources based on $1400 Au, $26.5 Ag, $0.85 Pb, and $0.85 Zn.

(11) Inferred resources reported at a minimum mining width of 4.3 feet.

(12) Inferred resource reported at a minimum mining width of 5.0 feet; resources based on $1400 Au, $26.5 Ag.

(13) Inferred resource reported at a minimum thickness of 15 feet; Rock Creek also contains 655,070 tons of copper at 0.7% within stated inferred resource tonnage.
Inferred resources at Rock Creek adjusted given mining restrictions as defined by U.S. Forest Service - Kootenai National Forest in the June 2003 'Record of Decision, Rock Creek Project'.

(14) Inferred resource reported at a minimum thickness of 15 feet; Montanore also contains 759,420 tons of copper at 0.7% within stated inferred resource tonnage.
Inferred resources at Montanore adjusted given mining restrictions as defined by U.S. Forest Service, Kootenai National Forest, Montana DEQ in the December 2015 'Joint Final EIS, Montanore Project' and the February 2016 U.S Forest Service - Kootenai National Forest 'Record of Decision, Montanore Project'.

* Totals may not represent the sum of parts due to rounding

2006 – 2015 Reserve Table

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Proven Reserves	Tons	Silver (oz/ton)	Gold (oz/ton)	Silver (ounces)	Gold (ounces)
2006 Proven Reserves					
Greens Creek (29.73%)	-	-	-	-	-
Lucky Friday	628,976	13.10	-	8,245,675	-
Probable Reserves					
Greens Creek (29.73%)	2,282,574	14.40	0.110	32,913,002	257,101
Lucky Friday	732,920	13.50	-	9,890,120	-
2007 Proven Reserves					
Greens Creek (29.73%)	-	-	-	-	-
Lucky Friday	760,700	12.30	-	9,324,800	-
Probable Reserves					
Greens Creek (29.73%)	2,513,700	13.70	0.110	34,497,800	270,000
Lucky Friday	680,000	11.90	-	8,065,200	-
2008 Proven Reserves					
Greens Creek	-	-	-	-	-
Lucky Friday	1,270,000	12.40	-	15,800,800	-
Probable Reserves					
Greens Creek	8,064,700	13.70	0.108	110,583,200	870,100
Lucky Friday	523,400	11.60	-	6,046,800	-
2009 Proven Reserves					
Greens Creek	-	-	-	-	-
Lucky Friday	1,358,200	12.30	-	16,640,300	-
Probable Reserves					
Greens Creek	8,314,700	12.10	0.102	100,973,300	847,400
Lucky Friday	1,577,000	13.90	-	21,947,600	-
2010 Proven Reserves					
Greens Creek	-	-	-	-	-
Lucky Friday	1,642,100	12.40	-	20,387,600	-
Probable Reserves					
Greens Creek	8,243,100	12.10	0.092	99,730,000	757,000
Lucky Friday	1,545,100	14.20	-	21,955,000	-

2011 Proven Reserves	Tons	Silver (oz/ton)	Gold (oz/ton)	Silver (ounces)	Gold (ounces)
Greens Creek	-	-	-	-	-
Lucky Friday	2,345,500	12.60	-	29,573,900	-
Probable Reserves					
Greens Creek	7,991,000	12.30	0.093	98,383,300	742,400
Lucky Friday	1,345,300	14.70	-	19,746,200	-
2012 Proven Reserves					
Greens Creek	12,000	9.30	0.095	112,500	1,100
Lucky Friday	2,206,600	12.10	-	26,778,900	-
Probable Reserves					
Greens Creek	7,845,600	12.00	0.092	94,481,200	718,400
Lucky Friday	1,931,700	14.80	-	28,676,000	-
2013 Proven Reserves					
Greens Creek	14,000	12.90	0.130	182,000	2,000
Lucky Friday	3,708,000	12.10	-	44,892,000	-
Probable Reserves					
Greens Creek	7,783,000	11.90	0.090	92,338,000	711,000
Lucky Friday	2,698,000	12.00	-	32,352,000	-
2014 Proven Reserves					
Greens Creek	4,700	15.70	0.100	74,000	5,000
Lucky Friday	3,840,000	13.70	-	52,556,000	-
Probable Reserves					
Greens Creek	7,691,000	12.20	0.100	93,947,000	738,000
Lucky Friday	2,043,000	12.90	-	26,346,000	-
2015 Proven Reserves					
Greens Creek	10,000	20.80	0.120	210,000	1,000
Lucky Friday	3,510,000	16.50	-	57,961,000	-
Probable Reserves					
Greens Creek	7,204,000	12.30	0.090	88,523,000	676,000
Lucky Friday	1,557,000	13.30	-	20,721,000	-

Cash Cost Reconciliation to GAAP

Silver Operations

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Reconciliation of Cost of Sales and Other Direct Production Costs and Depreciation, Depletion and Amortization, the most comparable GAAP measurement, Before By-product Credits and Cash Cost, After By-product Credits (non-GAAP) and All-In Sustaining Cost (AISC), Before By-product Credits and All-In Sustaining Cost, After By-product Credits (non-GAAP)

In thousands (except per ounce amounts)	Three Month Ended June 30, Q2 2016	Q2 2017
Cost of sales and other direct production costs and depreciation, depletion and amortization (GAAP)	$ 71,667	$ 59,392
Depreciation, depletion and amortization	(16,300)	(14,225)
Treatment costs	20,527	11,682
Change in product inventory	2,122	(4,727)
Reclamation and other costs	(1,369)	(699)
Cash Cost, Before By-product Credits[1]	76,647	51,423
Reclamation and other costs	889	784
Exploration	1,583	3,526
Sustaining capital	25,412	12,552
General and administrative expense	10,359	10,309
All-In Sustaining Costs, Before By-product Credits[1,2]	114,890	78,594
By-products credits	(60,578)	(50,698)
Cash Cost, After By-product Credits	$ 16,069	$ 725
All-In Sustaining Costs, After By-product Credits	$ 54,312	$ 27,896
Divided by Ounces Produced	4,233	2,799
Cash Cost, Before By-product Credits, per Ounce	$ 18.11	$ 18.37
By-products credits per Silver Ounce	(14.31)	(18.11)
Cash Cost, After By-product Credits, per Ounce	$ 3.80	$ 0.26
All-In Sustaining Costs, Before By-product Credits, per Silver Ounce	$ 27.14	$ 28.08
By-products credits per Silver Ounce	(14.31)	(18.11)
All-In Sustaining Costs, After By-product Credits, per Silver Ounce	$ 12.83	$ 9.97

1. Includes all direct and indirect operating cash costs related directly to the physical activities of producing metals, including mining, processing and other plant costs, third-party refining and marketing expense, on-site general and administrative costs, royalties and mining production taxes, before by-product revenues earned from all metals other than the primary metal produced at each unit.

Cash Cost Reconciliation to GAAP

Silver Operations

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Reconciliation of Cost of Sales and Other Direct Production Costs and Depreciation, Depletion and Amortization, the most comparable GAAP measurement, After By-product Credits, per Silver Ounce for Greens Creek, Lucky Friday and San Sebastian

In thousands (except per ounce amounts)	Q2/2017	Q1/2017	Q4/2016	Q3/2016	Q2/2016
Costs of sales and other direct production costs and depreciation, depletion and amortization	$59,392	$ 65,162	$ 71,623	$ 84,413	$ 71,667
Depreciation, depletion and amortization	(14,225)	(16,438)	(18,301)	(16,181)	(16,300)
Treatment costs	11,682	18,173	21,950	20,673	20,527
Change in product inventory	(4,727)	2,736	4,013	(9,523)	2,122
Reclamation and other costs	(699)	(1,158)	(1,439)	(1,571)	(1,369)
Cash costs, before by-product credits	51,423	68,475	77,846	77,811	76,647
By-product credits	(50,698)	(65,626)	(71,322)	(61,942)	(60,578)
Cash cost, after by-product credits	$ 725	$ 2,849	$ 6,524	$ 15,869	$ 16,069
Divided by silver ounces produced	2,799	3,361	3,967	4,309	4,233
Cash cost, before by-product credits, per silver ounce	$ 18.37	$ 20.37	$ 16.62	$ 18.06	$ 18.11
By-product credits per silver ounce	$ (18.11)	$ (19.53)	$ (17.98)	$ (14.38)	$ (14.31)
Cash cost, after by-product credits, per silver ounce	$ 0.26	$ 0.84	$ 1.64	$ 3.68	$ 3.80

1. Includes all direct and indirect operating cash costs related directly to the physical activities of producing metals, including mining, processing and other plant costs, third-party refining and marketing expense, on-site general and administrative costs, royalties and mining production taxes, before by-product revenues earned from all metals other than the primary metal produced at each unit.

AISC Reconciliation to GAAP

Greens Creek

NYSE:HL

Reconciliation of Cost of Sales and Other Direct Production Costs and Depreciation, Depletion and Amortization (GAAP) to All-In Sustaining Costs, Before By-product Credits, per Ounce and All-In Sustaining Costs, After By-product Credits, per Ounce (non-GAAP)

Greens Creek

In thousands (except per ounce amounts)

	2016	Q2 2016	Q2 2017	Estimate for 2017
Cost of sales and other direct production costs and depreciation, depletion and amortization (GAAP)	$ 191,297	$ 43,734	$ 54,319	$ 228,100
Depreciation, depletion and amortization	(52,564)	(12,413)	(13,503)	(67,800)
Treatment costs	62,754	15,317	11,423	65,000
Change in product inventory	$ (1,866)	2,684	$ (5,542)	1,200
Other costs	392	513	(28)	-
Exploration	1,892	531	1,117	5,200
Sustaining capital	47,046	14,661	11,451	45,500
All-In Sustaining Costs, Before By-product Credits[1,2]	248,951	65,027	59,237	277,200
By-products credits	(161,782)	(37,773)	(42,411)	(206,100)
All-In Sustaining Costs, After By-product Credits	$ 87,169	$ 27,254	$ 16,826	$ 71,100
Divided by Ounces Produced	9,254	2,117	1,932	7,400
All-In Sustaining Costs, Before By-product Credits, per Silver Ou	$ 26.90	$ 30.71	$ 30.66	$ 37.46
By-products credits per Silver Ounce	(17.48)	(17.84)	(21.95)	(27.85)
All-In Sustaining Costs, After By-product Credits, per Silver Our	$ 9.42	$ 12.87	$ 8.71	$ 9.61

1. Includes all direct and indirect operating cash costs related directly to the physical activities of producing metals, including mining, processing and other plant costs, third-party refining and marketing expense, on-site general and administrative costs, royalties and mining production taxes, before by-product revenues earned from all metals other than the primary metal produced at each unit. In addition, on-site exploration, reclamation, and sustaining capital costs are also included.
2. All-in sustaining costs, before by-product credits for our consolidated silver properties includes corporate costs for all general and administrative expenses and exploration and sustaining capital which support the operating properties.

Cash Cost Reconciliation to GAAP

Greens Creek

NYSE:HL

Reconciliation of Cost of Sales and Other Direct Production Costs and Depreciation, Depletion and Amortization (GAAP) to All-In Sustaining Costs, Before By-product Credits, per Ounce and All-In Sustaining Costs, After By-product Credits, per Ounce (non-GAAP)

Greens Creek

In thousands (except per ounce amounts)

	2016	Q2 2016	Q2 2017	Estimate for 2017
Cost of sales and other direct production costs and depreciation, depletion and amortization (GAAP)	$ 191,297	$ 43,734	$ 54,319	$ 228,100
Depreciation, depletion and amortization	(52,564)	(12,413)	(13,503)	(67,800)
Treatment costs	62,754	15,317	11,423	65,000
Change in product inventory	(1,866)	2,684	(5,542)	1,200
Reclamation and other costs	2,327	(169)	(695)	(2,600)
Cash Cost, Before By-product Credits (1)	197,294	49,153	46,002	223,900
By-products credits	(161,782)	(37,773)	(42,411)	206,100
Cash cost, After By-product Credits	$ 35,512	$ 11,380	$ 3,591	$ 17,800
Divided by Ounces Produced	9,254	2,117	1,932	7,400
Cash Cost, Before By-product Credits, per Silver Ounce	$ 21.32	$ 23.22	$ 23.81	$ 30.26
By-products credits per Silver Ounce	(17.48)	(17.84)	(21.95)	(27.85)
Cash Cost, After By-product Credits, per Silver Ounce	$ 3.84	$ 5.38	$ 1.86	$ 2.41

1. Includes all direct and indirect operating cash costs related directly to the physical activities of producing metals, including mining, processing and other plant costs, third-party refining and marketing expense, on-site general and administrative costs, royalties and mining production taxes, before by-product revenues earned from all metals other than the primary metal produced at each unit.

Cash Cost Reconciliation to GAAP

Lucky Friday

NYSE:HL

Reconciliation of Cost of Sales and Other Direct Production Costs and Depreciation, Depletion and Amortization (GAAP) to All-In Sustaining Costs, Before By-product Credits, per Ounce and All-In Sustaining Costs, After By-product Credits, per Ounce (non-GAAP)

Lucky Friday

In thousands (except per ounce amounts)

	2016	Q2 2016	Q2 2017
Cost of sales and other direct production costs and depreciation, depletion and amortization (GAAP)	$ 76,210	$ 18,708	$ (1)
Depreciation, depletion and amortization	(11,810)	(2,825)	-
Treatment costs	20,277	4,778	-
Change in product inventory	(1,162)	(1,035)	-
Reclamation and other costs	(822)	(221)	1
Cash Cost, Before By-product Credits (1)	82,693	19,405	$ -
By-products credits	(50,722)	(10,881)	-
Cash cost, After By-product Credits	$ 31,971	$ 8,524	$ -
Divided by Ounces Produced	3,596	858	-
Cash Cost, Before By-product Credits, per Silver Ounce	$ 23.00	$ 22.62	$ -
By-products credits per Silver Ounce	(14.11)	(12.68)	-
Cash Cost, After By-product Credits, per Silver Ounce	$ 8.89	$ 9.94	$ -

1. Includes all direct and indirect operating cash costs related directly to the physical activities of producing metals, including mining, processing and other plant costs, third-party refining and marketing expense, on-site general and administrative costs, royalties and mining production taxes, before by-product revenues earned from all metals other than the primary metal produced at each unit.

AISC Reconciliation to GAAP

Lucky Friday

NYSE:HL

Reconciliation of Cost of Sales and Other Direct Production Costs and Depreciation, Depletion and Amortization (GAAP) to All-In Sustaining Costs, Before By-product Credits, per Ounce and All-In Sustaining Costs, After By-product Credits, per Ounce (non-GAAP)

Lucky Friday

In thousands (except per ounce amounts)

	2016	Q2 2016	Q2 2017
Cost of sales and other direct production costs and depreciation, depletion and amortization (GAAP)	$ 76,210	$ 18,708	$ (1)
Depreciation, depletion and amortization	(11,810)	(2,825)	-
Treatment costs	20,277	4,778	-
Change in product inventory	(1,162)	(1,035)	-
Other costs	(101)	(56)	1
Exploration	76	--	-
Sustaining capital	41,536	10,228	-
All-In Sustaining Costs, Before By-product Credits[1,2]	125,026	29,798	-
By-products credits	(50,722)	(10,881)	-
All-In Sustaining Costs, After By-product Credits	$ 74,304	$ 18,917	$ -
Divided by Ounces Produced	3,596	858	-
All-In Sustaining Costs, Before By-product Credits, per Silver Ounce	$ 34.77	$ 34.73	$ -
By-products credits per Silver Ounce	(14.11)	(12.68)	-
All-In Sustaining Costs, After By-product Credits, per Silver Ounce	$ 20.66	$ 22.05	$ -

1. Includes all direct and indirect operating cash costs related directly to the physical activities of producing metals, including mining, processing and other plant costs, third-party refining and marketing expense, on-site general and administrative costs, royalties and mining production taxes, before by-product revenues earned from all metals other than the primary metal produced at each unit. In addition, on-site exploration, reclamation, and sustaining capital costs are also included.
2. All-in sustaining costs, before by-product credits for our consolidated silver properties includes corporate costs for all general and administrative expenses and exploration and sustaining capital which support the operating properties.

Cash Cost Reconciliation to GAAP

San Sebastian

NYSE:HL

Reconciliation of Cost of Sales and Other Direct Production Costs and Depreciation, Depletion and Amortization (GAAP) to All-In Sustaining Costs, Before By-product Credits, per Ounce and All-In Sustaining Costs, After By-product Credits, per Ounce (non-GAAP)

San Sebastian

In thousands (except per ounce amounts)

	2016	Q2 2016	Q2 2017	Estimate for 2017
Cost of sales and other direct production costs and depreciation, depletion and amortization (GAAP)	$ 31,233	$ 9,225	$ 5,074	$ 35,500
Depreciation, depletion and amortization	(3,782)	(1,062)	(722)	(10,000)
Treatment costs	1,504	432	259	900
Change in product inventory	1,599	473	815	100
Reclamation and other costs	(2,257)	(979)	(5)	(1,000)
Cash Cost, Before By-product Credits (1)	28,297	8,089	5,421	25,500
By-products credits	(42,667)	(11,924)	(8,287)	(26,100)
Cash cost, After By-product Credits	$ (14,370)	$ (3,835)	$ (2,866)	$ (600)
Divided by Ounces Produced	4,294	1,258	867	3,000
Cash Cost, Before By-product Credits, per Silver Ounce	$ 6.59	$ 6.43	$ 6.25	$ 8.50
By-products credits per Silver Ounce	(9.94)	(9.48)	(9.56)	(8.70)
Cash Cost, After By-product Credits, per Silver Ounce	$ (3.35)	$ (3.05)	$ (3.31)	$ (0.20)

1. Includes all direct and indirect operating cash costs related directly to the physical activities of producing metals, including mining, processing and other plant costs, third-party refining and marketing expense, on-site general and administrative costs, royalties and mining production taxes, before by-product revenues earned from all metals other than the primary metal produced at each unit.

AISC Reconciliation to GAAP

San Sebastian

NYSE:HL

Reconciliation of Cost of Sales and Other Direct Production Costs and Depreciation, Depletion and Amortization (GAAP) to All-In Sustaining Costs, Before By-product Credits, per Ounce and All-In Sustaining Costs, After By-product Credits, per Ounce (non-GAAP)

San Sebastian

In thousands (except per ounce amounts)

	2016	Q2 2016	Q2 2017	Estimate for 2017
Cost of sales and other direct production costs and depreciation, depletion and amortization (GAAP)	$ 31,233	$ 9,225	$ 5,074	$ 35,500
Depreciation, depletion and amortization	(3,782)	(1,062)	(722)	(10,000)
Treatment costs	1,504	432	259	900
Change in product inventory	1,599	473	815	100
Other costs	(2,013)	(937)	112	-
Exploration	4,043	660	1,957	4,100
Sustaining capital	1,540	203	845	1,500
All-In Sustaining Costs, Before By-product Credits[1,2]	34,124	8,994	8,340	32,100
By-products credits	(42,667)	(11,924)	(8,287)	(26,100)
All-In Sustaining Costs, After By-product Credits	$ (8,543)	$ (2,930)	$ 53	$ 6,000
Divided by Ounces Produced	4,294	1,258	867	3,000
All-In Sustaining Costs, Before By-product Credits, per Silver Ounce	$ 7.95	$ 7.15	$ 9.62	$ 10.70
By-products credits per Silver Ounce	(9.94)	(9.48)	(9.56)	(8.70)
All-In Sustaining Costs, After By-product Credits, per Silver Ounce	$ (1.99)	$ (2.33)	$ 0.06	$ 2.00

1. Includes all direct and indirect operating cash costs related directly to the physical activities of producing metals, including mining, processing and other plant costs, third-party refining and marketing expense, on-site general and administrative costs, royalties and mining production taxes, before by-product revenues earned from all metals other than the primary metal produced at each unit. In addition, on-site exploration, reclamation, and sustaining capital costs are also included.
2. All-in sustaining costs, before by-product credits for our consolidated silver properties includes corporate costs for all general and administrative expenses and exploration and sustaining capital which support the operating properties.

Cash Cost Reconciliation to GAAP

Casa Berardi

NYSE:HL

Reconciliation of Cost of Sales and Other Direct Production Costs and Depreciation, Depletion and Amortization (GAAP) to All-In Sustaining Costs, Before By-product Credits, per Ounce and All-In Sustaining Costs, After By-product Credits, per Ounce (non-GAAP)

Casa Berardi

In thousands (except per ounce amounts)

	Q2/2016	Q3/2016	Q4 2016	2016	Q1 2017	Q2 2017	Estimate for 2017
Cost of sales and other direct production costs and depreciation, depletion and amortization	$ 41,183	$ 36,295	$ 49,074	$ 155,711	$ 42,466	$ 43,680	$ 170,000
Depreciation, depletion and amortization	(13,597)	(10,466)	(14,748)	(47,312)	(12,514)	(11,344)	(46,700)
Treatment costs	238	218	637	1,264	571	554	600
Change in product inventory	(2,366)	3,460	(1,323)	2,890	1,381	(212)	(1,400)
Reclamation and other costs	(116)	(114)	(117)	(459)	(17)	(212)	-
Cash Cost, Before By-product Credits (1)	25,342	29,393	33,523	112,094	31,887	32,466	122,500
By-products credits	(144)	(162)	(163)	(572)	(147)	(142)	(600)
Cash cost, After By-product Credits	$ 25,198	$ 29,231	$ 33,360	$ 111,522	$ 31,740	$ 32,324	$ 121,900
Divided by Gold Ounces Produced	42	31,949	41,693	145,975	36	33	150,000
Cash Cost, Before By-product Credits, per Gold Ounce	$ 604.01	$ 920.00	$ 804.04	$ 767.90	$ 890.53	$ 976.07	$ 817.00
By-products credits per Gold Ounce	$ 3.41	$ (5.07)	$ (3.91)	$ 3.92	$ (4.11)	$ (4.25)	$ (4.00)
Cash Cost, After By-product Credits, per Gold Ounce	$ 600.60	$ 914.93	$ 800.13	$ 763.98	$ 886.42	$ 971.82	$ 813.00

1. Includes all direct and indirect operating cash costs related directly to the physical activities of producing metals, including mining, processing and other plant costs, third-party refining and marketing expense, on-site general and administrative costs, royalties and mining production taxes, before by-product revenues earned from all metals other than the primary metal produced at each unit.

AISC Reconciliation to GAAP

Casa Berardi

NYSE:HL

Reconciliation of Cost of Sales and Other Direct Production Costs and Depreciation, Depletion and Amortization (GAAP) to All-In Sustaining Costs, Before By-product Credits, per Ounce and All-In Sustaining Costs, After By-product Credits, per Ounce (non-GAAP)

Casa Berardi

In thousands (except per ounce amounts)	2016	Q2 2016	Q2 2017	Estimate for Q1 2017
Cost of sales and other direct production costs and depreciation, depletion and amortization (GAAP)	$ 155,711	$ 41,183	$ 43,680	$ 170,000
Depreciation, depletion and amortization	(47,312)	(13,597)	(11,344)	(46,700)
Treatment costs	1,264	238	554	600
Change in product inventory	(1,323)	$ (2,366)	$ (212)	$ (1,400)
Other costs	(3)	1	213	-
Exploration	1,051	908	1,071	4,900
Sustaining capital	17,467	17,171	12,059	50,000
All-In Sustaining Costs, Before By-product Credits[1,2]	52,155	43,538	45,809	177,400
By-products credits	(163)	(144)	(142)	(600)
All-In Sustaining Costs, After By-product Credits	$ 51,992	$ 43,394	$ 45,667	$ 176,800
Divided by Ounces Produced	41,693	42	33	150,000
All-In Sustaining Costs, Before By-product Credits, per Gold Ounce	$ 1,250.93	$ 1,037.71	$ 1,377.21	$ 1,183.00
By-products credits per Gold Ounce	(3.91)	(3.41)	$ (4.25)	$ (4.00)
All-In Sustaining Costs, After By-product Credits, per Gold Ounce	$ 1,247.02	$ 1,034.30	$ 1,372.96	$ 1,179.00

1. Includes all direct and indirect operating cash costs related directly to the physical activities of producing metals, including mining, processing and other plant costs, third-party refining and marketing expense, on-site general and administrative costs, royalties and mining production taxes, before by-product revenues earned from all metals other than the primary metal produced at each unit. In addition, on-site exploration, reclamation, and sustaining capital costs are also included.
2. All-in sustaining costs, before by-product credits for our consolidated silver properties includes corporate costs for all general and administrative expenses and exploration and sustaining capital which support the operating properties.

San Sebastian Free Cash Flow Reconciliation

NYSE:HL

San Sebastain Free Cash Flow Reconciliation

(Dollars in thousands)

	H1 2017	2016
Gross profit	$ 29,580	$ 82,656
Non-cash elements in gross profit:		
Depreciation, depletion and amortization	1,395	3,782
Other	(233)	(707)
Working capital changes	(5,144)	8,180
Net cash provided by operating activities	25,598	93,911
Additions to properties, plants, equipment and mineral interests	(4,131)	(1,540)
Free cash flow	**$ 21,467**	**$ 92,371**

Greens Creek Free Cash Flow Reconciliation

NYSE:HL

Greens Creek Free Cash Flow Reconciliation
(in thousands)

	2016	1987-2016*
Gross profit	$ 69,149	$ 1,337,900
Non-cash elements in gross profit:		
Depreciation, depletion and amortization	52,564	612,052
Other	2,544	(1,020)
Working capital changes	7,847	(18,894)
Net cash provided by operating activities	132,104	1,930,037
Additions to properties, plants, equipment and mineral interests	(47,046)	(788,423)
Free cash flow	**$ 85,058**	**$ 1,141,614**

*1987 – 2016 amounts reflect results of the Greens Creek mine on a 100% joint-venture basis (Hecla owned 29.7% until 2008).