

## Reserves - 12/31/20<sup>(1)</sup>

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 <sup>(2)</sup>	3	21.8	0.10	3.7	7.8	-	70	0.3	120	250	-
Lucky Friday <sup>(2)</sup>	4,393	14.2	-	8.8	4.1	-	62,290	-	386,210	180,060	-
Casa Berardi Open Pit <sup>(3)</sup>	4,437	-	0.09	-	-	-	-	410	-	-	-
Casa Berardi Underground <sup>(3)</sup>	1,038	-	0.15	-	-	-	-	158	-	-	-
Fire Creek <sup>(2,4)</sup>	62	0.5	0.48	-	-	-	28	30	-	-	-
<b>Total</b>	<b>9,933</b>						<b>62,388</b>	<b>598</b>	<b>386,330</b>	<b>180,310</b>	<b>-</b>
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 <sup>(2)</sup>	8,975	12.4	0.09	2.8	7.3	-	111,333	827	254,840	652,170	-
Lucky Friday <sup>(2)</sup>	1,372	10.7	-	7.2	3.9	-	14,702	-	99,170	53,190	-
Casa Berardi Open Pit <sup>(3)</sup>	9,763	-	0.08	-	-	-	-	744	-	-	-
Casa Berardi Underground <sup>(3)</sup>	1,533	-	0.15	-	-	-	-	231	-	-	-
Fire Creek <sup>(2,4)</sup>	1	0.9	0.71	-	-	-	1	1	-	-	-
<b>Total</b>	<b>21,643</b>						<b>126,036</b>	<b>1,802</b>	<b>354,010</b>	<b>705,360</b>	<b>-</b>
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 <sup>(2)</sup>	8,978	12.4	0.09	2.8	7.3	-	111,404	828	254,960	652,420	-
Lucky Friday <sup>(2)</sup>	5,764	13.4	-	8.4	4.0	-	76,992	-	485,380	233,250	-
Casa Berardi Open Pit <sup>(3)</sup>	14,200	-	0.08	-	-	-	-	1,153	-	-	-
Casa Berardi Underground <sup>(3)</sup>	2,571	-	0.15	-	-	-	-	389	-	-	-
Fire Creek <sup>(2,4)</sup>	63	0.5	0.48	-	-	-	29	31	-	-	-
<b>Total</b>	<b>31,576</b>						<b>188,424</b>	<b>2,400</b>	<b>740,340</b>	<b>885,670</b>	<b>-</b>

(1) The term "reserve" means that part of a mineral deposit that can be economically and legally extracted or produced at the time of the reserve determination. The term "economically," as used in the definition of reserve, means that profitable extraction or production has been established or analytically demonstrated to be viable and justifiable under reasonable investment and market assumptions. The term "legally," as used in the definition of reserve, does not imply that all permits needed for mining and processing have been obtained or that other legal issues have been completely resolved. However, for a reserve to exist, Hecla must have a justifiable expectation, based on applicable laws and regulations, that issuance of permits or resolution of legal issues necessary for mining and processing at a particular deposit will be accomplished in the ordinary course and in a timeframe consistent with Hecla's current mine plans.

(2) Mineral reserves are based on \$1300 gold, \$16.00 silver, \$0.90 lead, \$1.15 zinc, unless otherwise stated. The NSR cut-off grades are \$205/ton for Greens Creek, \$216.19 for the 30 Vein and \$230.98 for the Intermediate Veins at Lucky Friday.

(3) Mineral reserves are based on \$1300 gold and a US\$/CAN\$ exchange rate of 1:1.35. Reserve diluted to an average of 18% or 23% depending on mining method. The average cut-off grades at Casa Berardi are 0.101 oz/ton gold (3.46 g/tonne) for underground mineral reserves and 0.025 oz/ton gold (0.85 g/tonne) for open pit mineral reserves.

(4) Fire Creek mineral reserves are based on a cut-off grade of 0.482 gold equivalent oz/ton and incremental cut-off grade of 0.106 gold equivalent oz/ton. Unplanned dilution of 10% to 17% included depending on mining method.

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

## Mineral Resources - 12/31/2020

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 <sup>(5)</sup>	297	12.9	0.11	3.1	10.3	-	3,837	33	9,310	30,500	-
Lucky Friday <sup>(5,6)</sup>	9,007	7.6	-	4.8	2.4	-	68,543	-	430,950	218,740	-
Casa Berardi Open Pit <sup>(7)</sup>	824	-	0.09	-	-	-	-	71	-	-	-
Casa Berardi Underground <sup>(7)</sup>	2,231	-	0.15	-	-	-	-	331	-	-	-
San Sebastian <sup>(5,8)</sup>	-	-	-	-	-	-	-	-	-	-	-
Fire Creek <sup>(5,9)</sup>	20	0.7	0.50	-	-	-	14	10	-	-	-
Hollister <sup>(5,10)</sup>	18	4.9	0.59	-	-	-	87	10	-	-	-
Midas <sup>(5,11)</sup>	2	7.6	0.68	-	-	-	14	1	-	-	-
Heva <sup>(12)</sup>	-	-	-	-	-	-	-	-	-	-	-
Hosco <sup>(12)</sup>	-	-	-	-	-	-	-	-	-	-	-
Rio Grande Silver <sup>(13)</sup>	-	-	-	-	-	-	-	-	-	-	-
Star <sup>(14)</sup>	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>12,399</b>						<b>72,495</b>	<b>456</b>	<b>440,260</b>	<b>249,240</b>	<b>-</b>
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 <sup>(5)</sup>	8,599	12.9	0.10	3.0	8.2	-	110,844	848	256,790	708,520	-
Lucky Friday <sup>(5,6)</sup>	2,275	7.8	-	5.3	2.2	-	17,844	-	120,390	50,970	-
Casa Berardi Open Pit <sup>(7)</sup>	1,621	-	0.06	-	-	-	-	97	-	-	-
Casa Berardi Underground <sup>(7)</sup>	5,424	-	0.14	-	-	-	-	750	-	-	-
San Sebastian <sup>(5,8)</sup>	2,541	5.9	0.06	1.9	2.9	1.2	14,985	149	22,420	34,100	14,650
Fire Creek <sup>(5,9)</sup>	114	1.0	0.45	-	-	-	114	51	-	-	-
Fire Creek - Open Pit <sup>(13)</sup>	-	-	-	-	-	-	-	-	-	-	-
Hollister <sup>(5,10)</sup>	70	1.9	0.58	-	-	-	130	40	-	-	-
Midas <sup>(5,11)</sup>	76	5.7	0.42	-	-	-	430	32	-	-	-
Heva <sup>(12)</sup>	1,266	-	0.06	-	-	-	-	76	-	-	-
Hosco <sup>(12)</sup>	29,287	-	0.04	-	-	-	-	1,202	-	-	-
Rio Grande Silver <sup>(13)</sup>	516	14.8	-	2.1	1.1	-	7,620	-	10,760	5,820	-
Star <sup>(14)</sup>	1,126	2.9	-	6.2	7.4	-	3,301	-	69,900	83,410	-
<b>Total.....</b>	<b>52,913</b>						<b>155,266</b>	<b>3,245</b>	<b>480,260</b>	<b>882,820</b>	<b>14,650</b>
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 <sup>(5)</sup>	8,895	12.9	0.10	3.0	8.3	-	114,681	881	266,110	739,020	-
Lucky Friday <sup>(5,6)</sup>	11,282	7.7	-	4.9	2.4	-	86,386	-	551,340	269,710	-
Casa Berardi Open Pit <sup>(7)</sup>	2,445	-	0.07	-	-	-	-	168	-	-	-
Casa Berardi Underground <sup>(7)</sup>	7,656	-	0.14	-	-	-	-	1,081	-	-	-
San Sebastian <sup>(5,8)</sup>	2,541	5.9	0.06	1.9	2.9	1.2	14,985	149	22,420	34,100	14,650
Fire Creek <sup>(5,9)</sup>	134	1.0	0.46	-	-	-	128	61	-	-	-
Fire Creek - Open Pit <sup>(13)</sup>	-	-	-	-	-	-	-	-	-	-	-
Hollister <sup>(5,10)</sup>	88	2.5	0.58	-	-	-	217	51	-	-	-
Midas <sup>(5,11)</sup>	78	5.7	0.43	-	-	-	444	33	-	-	-
Heva <sup>(12)</sup>	1,266	-	0.06	-	-	-	-	76	-	-	-
Hosco <sup>(12)</sup>	29,287	-	0.04	-	-	-	-	1,202	-	-	-
Rio Grande Silver <sup>(13)</sup>	516	14.8	-	2.1	1.1	-	7,620	-	10,760	5,820	-
Star <sup>(14)</sup>	1,126	2.9	-	6.2	7.4	-	3,301	-	69,900	83,410	-
<b>Total.....</b>	<b>65,312</b>						<b>227,760</b>	<b>3,701</b>	<b>920,530</b>	<b>1,132,060</b>	<b>14,650</b>

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 <sup>(5)</sup>	1,767	13.2	0.08	2.8	7.0	-	23,370	145	49,670	123,480	-
Lucky Friday <sup>(5,6)</sup>	3,069	8.3	-	6.3	2.7	-	25,359	-	192,200	83,350	-
Casa Berardi Open Pit <sup>(7)</sup>	9,229	-	0.06	-	-	-	-	508	-	-	-
Casa Berardi Underground <sup>(7)</sup>	2,447	-	0.18	-	-	-	-	445	-	-	-
San Sebastian <sup>(5,15)</sup>	2,923	5.9	0.05	1.6	2.3	0.9	17,188	133	6,070	8,830	3,330
Fire Creek <sup>(5,9)</sup>	765	0.5	0.51	-	-	-	394	392	-	-	-
Fire Creek - Open Pit <sup>(16)</sup>	74,584	0.1	0.03	-	-	-	5,232	2,178	-	-	-
Hollister <sup>(5,10)</sup>	642	3.0	0.42	-	-	-	1,916	273	-	-	-
Midas <sup>(5,11)</sup>	1,057	5.0	0.40	-	-	-	5,280	424	-	-	-
Heva <sup>(12)</sup>	2,787	-	0.08	-	-	-	-	216	-	-	-
Hosco <sup>(12)</sup>	17,726	-	0.04	-	-	-	-	663	-	-	-
Rio Grande Silver <sup>(17)</sup>	3,078	10.7	0.01	1.3	1.1	-	33,097	36	40,990	34,980	-
Star <sup>(14)</sup>	3,157	2.9	-	5.6	5.5	-	9,432	-	178,670	174,450	-
Monte Cristo <sup>(18)</sup>	913	0.3	0.14	-	-	-	271	131	-	-	-
Rock Creek <sup>(19)</sup>	100,086	1.5	-	-	-	0.7	148,736	-	-	-	658,680
Montanore <sup>(20)</sup>	112,185	1.6	-	-	-	0.7	183,346	-	-	-	759,420
<b>Total.....</b>	<b>336,416</b>						<b>453,621</b>	<b>5,543</b>	<b>467,600</b>	<b>425,090</b>	<b>1,421,430</b>

**Note: All estimates are in-situ except for the proven reserves at Greens Creek and Fire Creek which are in surface stockpiles. Resources are exclusive of reserves.**

- (5) Mineral resources are based on \$1500 gold, \$21 silver, \$1.15 lead, \$1.35 zinc and \$3.00 copper, unless otherwise stated. Cut-off grades are as above unless otherwise stated.
- (6) Measured and indicated resources from Gold Hunter and Lucky Friday vein systems are diluted and factored for expected mining recovery using NSR cut-off grades of \$170.18 for the 30 Vein, \$184.97 for the Intermediate Veins and \$207.15 for the Lucky Friday Vein.
- (7) Measured, indicated and inferred resources are based on \$1,500 gold and a US\$/CAN\$ exchange rate of 1:1.35. Underground resources are reported at a minimum mining width of 6.6 to 9.8 feet (2 m to 3 m). The average cut-off grades at Casa Berardi are 0.087 oz/ton gold (3.0 g/tonne) for underground mineral resources and 0.025 oz/ton gold (0.85 g/tonne) for open pit mineral resources.
- (8) Indicated resources reported at a minimum mining width of 5.9 feet (1.8 m) for Hugh Zone, Middle Vein, North Vein, and East Francine Vein and 4.9 feet (1.5 m) for Andrea Vein using a cut-off grade of \$90.72/ton (\$100/tonne).  
San Sebastian lead, zinc and copper grades are for 1,187,000 tons of indicated resource within the Middle Vein and the Hugh Zone of the Francine Vein.
- (9) Fire Creek mineral resources are reported at a gold equivalent cut-off grade of 0.283 oz/ton. The minimum mining width is defined as four feet or the vein true thickness plus two feet, whichever is greater.
- (10) Hollister mineral resources, including the Hatter Graben are reported at a gold equivalent cut-off grade of 0.238 oz/ton. The minimum mining width is defined as four feet or the vein true thickness plus two feet, whichever is greater.
- (11) Midas mineral resources are reported at a gold equivalent cut-off grade of 0.237 oz/ton. The minimum mining width is defined as four feet or the vein true thickness plus two feet, whichever is greater.
- (12) Measured, indicated and inferred resources are based on \$1,500 gold. The resources are in-situ without dilution and material loss at a cut-off grade of 0.01 oz/ton gold (0.33 g/tonne) for open pit and 0.088 oz/ton gold (3.0 g/tonne) for underground.
- (13) 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 and a cut-off grade of 6.0 silver equivalent oz/ton.
- (14) Indicated and Inferred resources reported using \$21 silver, \$0.95 lead, \$1.10 lead minimum mining width of 4.3 feet and a cut-off grade of \$100/ton.
- (15) Inferred resources reported at a minimum mining width of 5.9 feet (1.8 m) for Hugh Zone, Middle Vein, North Vein, and East Francine Vein and 4.9 feet (1.5 m) for Andrea Vein using a cut-off grade of \$90.72/ton (\$100/tonne).  
San Sebastian lead, zinc and copper grades are for 385,000 tons of inferred resource within the Middle Vein and the Hugh Zone of the Francine Vein.
- (16) 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 for 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.  
NI43-101 Technical Report for the Fire Creek Project, Lander County, Nevada; Effective Date March 31, 2018; prepared by Practical Mining LLC, Mark Odell, P.E. for Hecla Mining Company, June 28, 2018.
- (17) 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.
- (18) Inferred resource 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.
- (19) Inferred resource at Rock Creek reported at a minimum thickness of 15 feet and a cut-off grade of \$24.50/ton NSR and adjusted given mining restrictions as defined by U.S. Forest Service, Kootenai National Forest in the June 2003 'Record of Decision, Rock Creek Project'.
- (20) Inferred resource at Montanore reported at a minimum thickness of 15 feet and a cut-off grade of \$24.50/ton NSR and adjusted given mining restrictions defined by U.S. Forest Service, Kootenai National Forest, Montana DEQ in December 2015 'Joint Final EIS, Montanore Project'

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