

**Hecla Mining Company**  
**10-Year Historical Reserves<sup>(1)</sup>**

2020 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>

  

2020 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>

2019 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>	7	14.8	0.08	2.6	5.4	-	106	1	180	390	-
Lucky Friday <sup>(2)</sup>	4,185	15.4	-	9.6	4.1	-	64,506	-	401,020	172,880	-
Casa Berardi Open Pit <sup>(3)</sup>	5,873	-	0.08	-	-	-	-	447	-	-	-
Casa Berardi Underground <sup>(3)</sup>	974	-	0.16	-	-	-	-	156	-	-	-
San Sebastian <sup>(2)</sup>	35	4.8	0.08	-	-	-	166	3	-	-	-
Fire Creek <sup>(2,4)</sup>	22	1.2	1.51	-	-	-	28	33	-	-	-
<b>Total</b>	<b>11,096</b>						<b>64,805</b>	<b>640</b>	<b>401,200</b>	<b>173,270</b>	<b>-</b>

  

2019 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>	10,713	12.2	0.09	2.8	7.3	-	130,791	932	305,010	778,020	-
Lucky Friday <sup>(2)</sup>	1,386	11.4	-	7.6	3.7	-	15,815	-	104,720	50,640	-
Casa Berardi Open Pit <sup>(3)</sup>	11,802	-	0.07	-	-	-	-	809	-	-	-
Casa Berardi Underground <sup>(3)</sup>	1,978	-	0.15	-	-	-	-	305	-	-	-
San Sebastian <sup>(2)</sup>	66	10.9	0.07	-	-	-	716	5	-	-	-
Fire Creek <sup>(2,4)</sup>	37	0.6	0.56	-	-	-	23	21	-	-	-
<b>Total</b>	<b>25,983</b>						<b>147,346</b>	<b>2,072</b>	<b>409,730</b>	<b>828,660</b>	<b>-</b>

2018 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>	6	13.8	0.10	2.8	7.0	-	86	1	180	440	-
Lucky Friday <sup>(2)</sup>	4,230	15.4	-	9.6	4.1	-	65,234	-	406,080	174,630	-
Casa Berardi <sup>(3)</sup>	6,790	-	0.08	-	-	-	-	563	-	-	-
San Sebastian <sup>(2)</sup>	22	3.9	0.08	-	-	-	85	2	-	-	-
Fire Creek <sup>(2,4)</sup>	24	1.1	1.21	-	-	-	27	29	-	-	-
Hollister <sup>(2,5)</sup>	2	7.0	0.73	-	-	-	17	2	-	-	-
<b>Total.....</b>	<b>11,074</b>						<b>65,448</b>	<b>596</b>	<b>406,260</b>	<b>175,070</b>	<b>-</b>

2018 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>	9,270	11.5	0.09	2.8	7.6	-	106,972	840	262,760	706,040	-
Lucky Friday <sup>(2)</sup>	1,387	11.4	-	7.6	3.7	-	15,815	-	104,720	50,640	-
Casa Berardi <sup>(3)</sup>	16,954	-	0.08	-	-	-	-	1,343	-	-	-
San Sebastian <sup>(2)</sup>	206	13.1	0.10	-	-	-	2,705	21	-	-	-
Fire Creek <sup>(2,4)</sup>	91	0.3	0.44	-	-	-	30	40	-	-	-
Hollister <sup>(2,5)</sup>	9	7.2	0.65	-	-	-	66	6	-	-	-
<b>Total.....</b>	<b>27,917</b>						<b>125,588</b>	<b>2,250</b>	<b>367,480</b>	<b>756,680</b>	<b>-</b>

2017 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	7	12.2	0.09	2.4	6.1	-	89	1	170	440	-
Lucky Friday	4,246	15.4	-	9.6	4.1	-	65,448	-	407,520	175,400	-
Casa Berardi	2,458	-	0.13	-	-	-	-	312	-	-	-
San Sebastian	31	23.3	0.19	-	-	-	712	6	-	-	-
Fire Creek	74	0.9	0.94	-	-	-	68	70	-	-	-
Hollister	41	4.4	0.59	-	-	-	182	24	-	-	-
Midas	51	6.6	0.77	-	-	-	338	40	-	-	-

2017 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	7,543	11.9	0.10	3.0	8.1	-	90,130	725	224,880	614,390	-
Lucky Friday	1,387	11.4	-	7.6	3.7	-	15,815	-	104,720	50,640	-
Casa Berardi	11,413	-	0.10	-	-	-	-	1,181	-	-	-
San Sebastian	368	13.1	0.10	-	-	-	4,809	37	-	-	-
Fire Creek	207	0.5	0.52	-	-	-	106	108	-	-	-
Hollister	35	5.1	0.55	-	-	-	178	20	-	-	-
Midas	80	6.3	0.60	-	-	-	502	48	-	-	-

2016 Proven Reserves											
Asset	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Lead %	Zinc %	Silver (000 oz)	Gold (000 oz)	Lead (Tons)	Zinc (Tons)	Copper (Tons)	
Greens Creek	9	15.5	0.09	2.5	6.6	140	1	230	600	-	
Lucky Friday	3,308	17.5	-	10.4	3.3	57,925	-	345,360	110,400	-	
Casa Berardi	2,575	-	0.11	-	-	-	272	-	-	-	
San Sebastian	43	23.4	0.19	-	-	1,008	3	-	-	-	

2016 Probable Reserves											
Asset	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Lead %	Zinc %	Silver (000 oz)	Gold (000 oz)	Lead (Tons)	Zinc (Tons)	Copper (Tons)	
Greens Creek	7,585	11.7	0.09	2.9	7.6	88,729	672	217,050	575,530	-	
Lucky Friday	1,542	12.9	-	7.9	2.8	19,912	-	121,640	43,410	-	
Casa Berardi	7,752	-	0.13	-	-	-	1,037	-	-	-	
San Sebastian	283	16.2	0.1	-	-	4,593	29	-	-	-	

2015 Proven Reserves											
Asset	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Lead %	Zinc %	Silver (000 oz)	Gold (000 oz)	Lead (Tons)	Zinc (Tons)	Copper (Tons)	
Greens Creek	10	20.8	0.12	3.7	9.0	210	1	370	910	-	
Lucky Friday	3,510	16.5	-	9.8	3.2	57,961	-	344,610	111,210	-	
Casa Berardi	2,119	-	0.11	-	-	-	234	-	-	-	
San Sebastian	5	14.5	0.21	-	-	72	1	-	-	-	

2015 Probable Reserves											
Asset	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Lead %	Zinc %	Silver (000 oz)	Gold (000 oz)	Lead (Tons)	Zinc (Tons)	Copper (Tons)	
Greens Creek	7,204	12.3	0.09	3.0	8.1	88,523	676	218,030	581,730	-	
Lucky Friday	1,557	13.3	-	8.0	2.9	20,721	-	124,950	45,080	-	
Casa Berardi	8,104	-	0.14	-	-	-	1,098	-	-	-	
San Sebastian	284	28.0	0.22	-	-	7,943	63	-	-	-	

2014 Proven											
Asset	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Lead %	Zinc %	Copper %	Silver (000 oz)	Gold (000 oz)	Lead (Tons)	Zinc (Tons)	Copper (000 lb)
Greens Creek , USA	4.7	15.7	0.10	3.7	9.2	-	74	0.5	180	440	-
Lucky Friday , USA	3,840	13.7	-	8.3	2.6	-	52,556	-	318,610	98,230	-
Casa Berardi , Canada	1,606	-	0.15	-	-	-	-	237	-	-	-

  

2014 Probable											
Asset	Tons (000)	Silver (oz/ton)	Gold (oz/ton)	Lead %	Zinc %	Copper %	Silver (000 oz)	Gold (000 oz)	Lead (Tons)	Zinc (Tons)	Copper (000 lb)
Greens Creek , USA	7,691	12.2	0.10	3.1	8.3	-	93,947	738	240,670	639,490	-
Lucky Friday , USA	2,043	12.9	-	7.4	2.2	-	26,346	-	151,590	44,910	-
Casa Berardi , Canada	7,806	-	0.14	-	-	-	-	1,100	-	-	-

2013 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 (000 lb)
Greens Creek , USA	14	12.9	0.13	3.0	8.1	-	182	2	430	1,150	-
Lucky Friday , USA	3,708	12.1	-	7.3	2.3	-	44,892	-	270,150	86,360	-
Casa Berardi , Canada	1,106	-	0.17	-	-	-	-	185	-	-	-

  

2013 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 (000 lb)
Greens Creek , USA	7,783	11.9	0.09	3.3	8.7	-	92,338	711	255,700	676,800	-
Lucky Friday , USA	2,698	12.0	-	7.2	2.6	-	32,352	-	193,110	69,180	-
Casa Berardi , Canada	7,933	-	0.15	-	-	-	-	1,209	-	-	-

2012 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 (000 lb)
Greens Creek , USA	12	9.3	0.10	2.7	7.8	-	113	1	330	930	-
Lucky Friday , USA	2,207	12.1	-	7.4	2.7	-	26,779	-	163,350	58,560	-

  

2012 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 (000 lb)
Greens Creek , USA	7,846	12.0	0.09	3.4	9.0	-	94,481	718	267,410	702,300	-
Lucky Friday , USA	1,932	14.8	-	8.7	3.2	-	28,676	-	167,390	62,300	-

2011 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 (000 lb)
Greens Creek , USA	-	-	-	-	-	-	-	-	-	-	-
Lucky Friday , USA	2,346	12.6	-	7.8	3.0	-	29,574	-	183,100	70,160	-

  

2011 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 (000 lb)
Greens Creek , USA	7,991	12.3	0.093	3.5	9.2	-	98,383	742	281,620	733,140	-
Lucky Friday , USA	1,345	14.7	-	9.3	3.2	-	19,746	-	124,720	42,890	-

Note: All estimates are in-situ except for the proven reserve at Greens Creek and Fire Creek which are in surface stockpiles.

- (1) The term "reserve" means an estimate of tonnage and grade or quality of indicated and measured resources that, in the opinion of the qualified person, can be the basis of an economically viable project. More specifically, it is an 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. Reserves are reported in accordance with Section 1300 of Regulation S-K of the Securities Act of 1933, as amended and NI 43-101.

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

Reporting requirements in the United States for disclosure of mineral properties are governed by the SEC and included in the SEC's Securities Act Industry Guide 7, entitled "Description of Property by Issuers Engaged or to be Engaged in Significant Mining Operations" (Guide 7). However, the company is also a "reporting issuer" under Canadian securities laws, which require estimates of mineral resources and reserves to be prepared in accordance with Canadian National Instrument 43-101 (NI 43-101). NI 43-101 requires all disclosure of estimates of potential mineral resources and reserves to be disclosed in accordance with its requirements. Such Canadian information is being included here to satisfy the company's "public disclosure" obligations under Regulation FD of the SEC and to provide U.S. holders with ready access to information publicly available in Canada. 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 we comply with because we also are 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 an issuer makes of scientific and technical information concerning mineral projects. Unless otherwise indicated, all resource and reserve estimates contained in this press release have been prepared in accordance with NI 43-101, as well as S-K 1300.