

Reserves – 12/31/17⁽¹⁾

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 (2)	7	12.2	0.09	2.4	6.1	-	89	1	170	440	-
Lucky Friday (2)	4,246	15.4	-	9.6	4.1	-	65,448	-	407,520	175,400	-
Casa Berardi (3)	2,458	-	0.13	-	-	-	-	312	-	-	-
San Sebastian (2)	31	23.3	0.19	-	-	-	712	6	-	-	-
Total.....	6,742						66,249	319	407,690	175,840	-
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 (2)	7,543	11.9	0.10	3.0	8.1	-	90,130	725	224,880	614,390	-
Lucky Friday (2)	1,387	11.4	-	7.6	3.7	-	15,815	-	104,720	50,640	-
Casa Berardi (3)	11,413	-	0.10	-	-	-	-	1,181	-	-	-
San Sebastian (2)	368	13.1	0.10	-	-	-	4,809	37	-	-	-
Total.....	20,709						110,754	1,943	329,600	665,030	-
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 (2)	7,550	11.9	0.10	3.0	8.1	-	90,219	725	225,050	614,840	-
Lucky Friday (2)	5,632	14.4	-	9.1	4.0	-	81,264	-	512,240	226,030	-
Casa Berardi (3)	13,871	-	0.11	-	-	-	-	1,494	-	-	-
San Sebastian (2)	398	13.9	0.11	-	-	-	5,520	43	-	-	-
Total.....	27,451						177,003	2,262	737,290	840,870	-

⁽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 \$1200 gold, \$14.50 silver, \$0.90 lead, \$1.05 zinc, unless otherwise stated.

⁽³⁾ Mineral reserves are based on \$1200 gold, and a US\$/CAN\$ exchange rate of 1:1.37. Reserve diluted to an average of 34.7% to minimum width of 9.8 feet (3 m). Reserves at Casa Berardi were determined by Jonathan Archambault-Giroux, P. Geo., Que., Real Parent, P. Geo. Que., Sylvain Picard, P. Eng., Que. and Alain Quenneville, P. Eng., Que. unless otherwise stated.

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

Open pit mineral reserves of the 160 and 134 Zones were estimated in January 2018 by Hecla Quebec and Mine Development Associates based on \$1225 gold and a US\$/CAN\$ exchange rate of 1.3.

Hecla Mining, Casa Berardi 160 and 134 Zones, Open Pit Mining Study - 2017

January 12, 2018, by Mine Development Associates, Thomas L. Dyer, P.E.

Resources – 12/31/17

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 (4)	341	9.1	0.09	2.4	8.3	-	3,086	30	8,090	28,420	-
Lucky Friday (4,5)	7,371	7.6	-	4.9	2.7	-	55,947	-	361,590	200,280	-
Casa Berardi (6)	2,210	-	0.17	-	-	-	-	319	-	-	-
San Sebastian (4,7)	-	-	-	-	-	-	-	-	-	-	-
Heva (8)	5,480	-	0.06	-	-	-	-	304	-	-	-
Hosco (8)	33,070	-	0.04	-	-	-	-	1,296	-	-	-
Rio Grande Silver (9)	-	-	-	-	-	-	-	-	-	-	-
Star (4,10)	-	-	-	-	-	-	-	-	-	-	-
Total.....	48,471						59,032	1,948	369,680	228,700	-
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 (4)	2,464	11.4	0.09	2.9	7.6	-	28,211	229	72,120	187,060	-
Lucky Friday (4,5)	2,344	8.2	-	5.3	2.5	-	19,202	-	123,120	58,160	-
Casa Berardi (6)	11,037	-	0.10	-	-	-	-	1,055	-	-	-
San Sebastian (4,7)	1,506	5.8	0.07	2.9	3.8	1.7	8,796	103	15,520	20,350	9,020
Heva (8)	5,570	-	0.07	-	-	-	-	369	-	-	-
Hosco (8)	31,620	-	0.04	-	-	-	-	1,151	-	-	-
Rio Grande Silver (9)	516	14.8	-	2.1	1.1	-	7,620	-	10,760	5,820	-
Star (4,10)	1,126	2.9	-	6.2	7.4	-	3,301	-	69,900	83,410	-
Total.....	56,182						67,128	2,907	291,420	354,800	9,020
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 (4)	2,805	11.2	0.09	2.9	7.7	-	31,296	259	80,210	215,480	-
Lucky Friday (4,5)	9,715	7.7	-	5.0	2.7	-	75,148	-	484,700	258,430	-
Casa Berardi (6)	13,246	-	0.10	-	-	-	-	1,373	-	-	-
San Sebastian (4,7)	1,506	5.8	0.07	2.9	3.8	1.7	8,796	103	15,520	20,350	9,020
Heva (8)	11,050	-	0.06	-	-	-	-	672	-	-	-
Hosco (8)	64,690	-	0.04	-	-	-	-	2,447	-	-	-
Rio Grande Silver (9)	516	14.8	-	2.1	1.1	-	7,620	-	10,760	5,820	-
Star (4,10)	1,126	2.9	-	6.2	7.4	-	3,301	-	69,900	83,410	-
Total.....	104,653						126,161	4,854	661,090	583,490	9,020
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 (4)	2,708	12.1	0.08	2.7	6.9	-	32,711	222	73,350	185,660	-
Lucky Friday (4,11)	2,820	8.7	-	6.3	2.7	-	24,646	-	178,970	75,270	-
Casa Berardi (6)	6,980	-	0.10	-	-	-	-	717	-	-	-
San Sebastian (4,12)	2,915	5.5	0.03	1.8	2.5	1.5	15,978	95	23,660	33,770	19,520
Heva (8)	4,210	-	0.08	-	-	-	-	350	-	-	-
Hosco (8)	7,650	-	0.04	-	-	-	-	314	-	-	-
Rio Grande Silver (13)	3,078	10.7	0.01	1.3	1.1	-	33,097	36	40,990	34,980	-
Star (4,14)	3,157	2.9	-	5.6	5.5	-	9,432	-	178,670	174,450	-
Monte Cristo (15)	913	0.3	0.14	-	-	-	271	131	-	-	-
Rock Creek (16)	100,086	1.5	-	-	-	0.7	148,736	-	-	-	658,680
Montanore (17)	112,185	1.6	-	-	-	0.7	183,346	-	-	-	759,420
Total.....	246,701						448,217	1,865	495,640	504,130	1,437,620

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

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

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

(6) Measured, indicated and inferred resources are based on \$1350 gold and a US\$/CAN\$ exchange rate of 1:1.37. Underground resources are reported at a minimum mining width of 6.6 to 9.8 feet (2 m to 3 m).

Resources at Casa Berardi were determined by Jonathan Archambault-Giroux, P. Geo., Que., Real Parent, P. Geo. Que., Sylvain Picard, P. Eng., Que. and Alain Quenneville, P. Eng., Que. unless otherwise stated.

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

⁽⁷⁾ 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 531,900 tons of indicated resource within the Middle Vein and the Hugh Zone of the Francine Vein.

⁽⁸⁾ Measured, indicated and inferred resources were estimated in by Goldminds Geoservices Inc. with effective date 12-July-2013, and are based on \$1300 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)

⁽⁹⁾ 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.

⁽¹⁰⁾ Indicated resources reported at a minimum mining width of 4.3 feet.

⁽¹¹⁾ Inferred resources from Gold Hunter and Lucky Friday vein systems are diluted and factored for expected mining recovery.

⁽¹²⁾ 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 1,338,300 tons of inferred resource within the Middle Vein and the Hugh Zone of the Francine Vein.

⁽¹³⁾ 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.

⁽¹⁴⁾ Inferred resources reported at a minimum mining width of 4.3 feet.

⁽¹⁵⁾ Inferred resource reported at a minimum mining width of 5.0 feet; resources based on \$1400 Au, \$26.5 Ag.

⁽¹⁶⁾ Inferred resource reported at a minimum thickness of 15 feet.

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'.

⁽¹⁷⁾ Inferred resource reported at a minimum thickness of 15 feet.

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