

Reserves and Resources - 12/31/2016

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 (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 %	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	0.1	—	—	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 %	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	—

Measured Resources										
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 (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 %	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	—	0.1	—	—	—	1,128	—	—	—
San Sebastian (4)(b)	1,530	5.4	0.07	—	—	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 %	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	—	—	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 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	—	34,032	—	247,260	87,240	—
Casa Berardi (3)	4,635	—	0.14	—	—	—	—	628	—	—	—
San Sebastian (9) (b)	2,817	5.5	0.03	—	—	—	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	—	3,097	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

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.

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

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

(c) 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 (3m).

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 Filch, Jr. Eng. - BBA Inc.; Andre Allaire, Eng., M. Eng., Ph.D. - BBA

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

(e) 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 Filch, 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.

(f) 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 Hugh Zone also contains 8,420 tons of copper at 1.7% Cu within 499,200 tons of indicated resource.

(g) 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.

N143-101 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)

(h) 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

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

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

(k) 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 Hugh Zone also contains 19,220 tons of copper at 1.5% within 1,311,300 tons of inferred resource.

(l) 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.

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

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

(o) 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'.

(p) 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