

	Proven Mineral Reserves			Probable Mineral Reserves			Total Proven & Probable		
Gold	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)
Alumbreira (12.5%)	8,435	0.39	106	294	0.37	4	8,728	0.39	109
Canadian Malartic (50%)	23,029	0.89	658	55,799	1.18	2,122	78,829	1.10	2,780
Cerro Moro	43	10.57	15	1,766	11.64	661	1,809	11.61	675
Chapada Zones	388,701	0.17	2,103	275,928	0.16	1,381	664,629	0.16	3,484
Suruca Zones	11,454	0.42	153	53,741	0.53	908	65,195	0.51	1,062
Total Chapada	400,155	0.18	2,256	329,669	0.22	2,289	729,824	0.19	4,546
El Peñón Ore	693	5.11	114	3,738	5.38	646	4,431	5.33	760
El Peñón Stockpiles	17		1	1,029	1.18	39	1,047	1.20	40
Total El Peñón	710	5.04	115	4,768	4.47	685	5,478	4.55	800
Jacobina	18,565	2.32	1,385	9,290	2.39	714	27,855	2.34	2,099
Jeronimo (57%)	6,350	3.91	798	2,331	3.79	284	8,681	3.88	1,082
Minera Florida Ore	690	3.61	80	2,512	3.54	286	3,202	3.56	366
Minera Florida Tailings	0	0.00	0	1,248	0.94	38	1,248	0.94	38
Total Minera Florida	690	3.61	80	3,760	2.68	324	4,449	2.82	404
Total Gold Mineral Reserves	457,977	0.37	5,413	407,677	0.54	7,083	865,653	0.45	12,496
Agua Rica	384,871	0.25	3,080	524,055	0.21	3,479	908,926	0.22	6,559
Silver	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)
Cerro Moro	43	620.70	857	1,766	653.3	37,102	1,809	652.6	37,959
El Peñón Ore	693	166.1	3,700	3,738	171.7	20,630	4,431	170.8	24,330
El Peñón Stockpiles	17	107.2	60	1,029	15.2	502	1,046	16.7	562
Total El Peñón	710	164.7	3,760	4,768	137.9	21,133	5,478	141.3	24,893
Minera Florida Ore	690	28.1	623	2,512	21.9	1,770	3,202	23.2	2,393
Minera Florida Tailings	0	0.0	0	1,248	14.6	584	1,248	14.6	584
Total Minera Florida	690	28.1	623	3,760	19.5	2,353	4,449	20.8	2,976
Total Silver Mineral Reserves	1,443	112.9	5,240	10,294	183.1	60,588	11,736	174.5	65,828
Agua Rica	384,871	3.7	46,176	524,055	3.3	56,070	908,926	3.5	102,246
Copper	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Alumbreira (12.5%)	8,435	0.40	74	294	0.39	3	8,728	0.40	77
Chapada Zones	388,701	0.25	2,138	275,928	0.26	1,568	664,629	0.25	3,707
Suruca Zones	0	0.00	0	0	0.00	0	0	0.00	0
Total Chapada	388,701	0.25	2,138	275,928	0.26	1,568	664,629	0.25	3,707
Total Copper Mineral Reserves	397,136	0.25	2,212	276,222	0.26	1,571	673,357	0.25	3,784
Agua Rica	384,871	0.56	4,779	524,055	0.43	5,011	908,926	0.49	9,790
Zinc	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Minera Florida Ore	690	1.53	23	2,512	1.13	62	3,202	1.21	85
Minera Florida Tailings	0	0.00	0	1,248	0.58	16	1,248	0.58	16
Total Zinc Mineral Reserves	690	1.53	23	3,760	0.94	78	4,449	1.04	102
Molybdenum	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Alumbreira (12.5%)	8,435	0.013	2.45	294	0.014	0.09	8,728	0.013	2.54
Total Moly Mineral Reserves	8,435	0.013	2.45	294	0.014	0.09	8,728	0.013	2.54
Agua Rica	384,871	0.033	279	524,055	0.030	350	908,926	0.031	629

Mineral Resources (Measured, Indicated and Inferred)

	Measured Mineral Resources			Indicated Mineral Resources			Total Measured & Indicated		
	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)
Gold									
Alumbraera (12.5%)	6,792	0.39	85	1,917	0.54	33	8,709	0.42	118
Arco Sul	-	-	-	0	0.00	0	-	-	-
Canadian Malartic (50%)	1,885	1.36	83	13,615	1.80	786	15,500	1.74	869
Cerro Moro	18	10.83	6	1,224	5.14	202	1,241	5.22	208
Chapada Zones	58,885	0.12	222	363,929	0.14	1,676	422,814	0.14	1,898
Suruca Zones	1,284	0.39	16	81,039	0.54	1,416	82,323	0.54	1,432
Total Chapada	60,169	0.12	238	444,968	0.22	3,092	505,137	0.21	3,330
El Peñón Mine	232	8.02	60	1,579	5.88	298	1,811	6.15	358
El Peñón Tailings	0	0.00	0	0	0.00	0	0	0.00	0
El Peñón Stockpiles	0	0.00	0	1,019	1.13	37	1,019	1.13	37
El Peñón Total	232	8.04	60	2,598	4.02	336	2,830	4.35	396
Jacobina	24,999	2.48	1,994	15,711	2.45	1,238	40,710	2.47	3,232
Jeronimo (57%)	772	3.77	94	385	3.69	46	1,157	3.74	139
La Pepa	15,750	0.61	308	133,682	0.57	2,452	149,432	0.57	2,760
Lavra Velha	0	0.00	0	0	0.00	0	0	0.00	0
Minera Florida	1,207	5.87	228	3,829	4.79	590	5,036	5.05	817
Monument Bay	0	0.00	0	36,581	1.52	1,787	36,581	1.52	1,787
Suyai	0	0.00	0	4,700	15.00	2,286	4,700	15.00	2,286
Total Gold Mineral Resources	111,823	0.86	3,095	659,210	0.61	12,849	771,033	0.64	15,941
Agua Rica	27,081	0.14	120	173,917	0.14	776	200,998	0.14	896
Silver									
	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)
Cerro Moro	18	1252.97	707	1,224	381.2	14,997	1,241	393.5	15,704
El Peñón Mine	232	194.6	1,450	1,579	207.1	10,512	1,811	205.4	11,962
El Peñón Tailings	0	0.0	0	0	0.0	0	0	0.0	0
El Peñón Stockpiles	0	0.0	0	1,019	28.8	942	1,019	28.8	942
El Peñón Total	232	194.6	1,450	2,598	137.1	11,454	2,830	141.8	12,904
Minera Florida	1,207	41.0	1,592	3,829	29.2	3,594	5,036	32.0	5,186
Suyai	-	0.0	-	4,700	23.0	3,523	4,700	23.0	3,523
Total Silver Mineral Resources	1,457	80.1	3,749	12,351	84.5	33,568	13,807	84.1	37,317
Agua Rica	27,081	2.4	2,042	173,917	2.9	16,158	200,998	2.8	18,200
Copper									
	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Alumbraera (12.5%)	6,792	0.37	55	1,917	0.24	10	8,709	0.34	65
Chapada Zones	58,885	0.20	261	363,929	0.22	1,765	422,814	0.22	2,025
Suruca Zones	0	0.00	0	0	0.00	0	0	0.00	0
Total Chapada	58,885	0.20	261	363,929	0.22	1,765	422,814	0.22	2,025
Total Copper Mineral Resources	65,676	0.22	316	365,846	0.22	1,775	431,522	0.22	2,090
Agua Rica	27,081	0.45	266	173,917	0.38	1,447	200,998	0.39	1,714
Zinc									
	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Minera Florida	1,207	2.22	62	3,829	1.63	138	5,036	1.77	197
Total Zinc Mineral Resources	1,207	2.22	62	3,829	1.63	138	5,036	1.77	197
Molybdenum									
	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Alumbraera (12.5%)	6,192	0.014	1.94	462	0.013	0.13	6,654	0.014	2.07
Total Moly Mineral Resources	6,192	0.014	1.94	462	0.013	0.13	6,654	0.014	2.07
Agua Rica	27,081	0.049	29	173,917	0.037	142	200,998	0.039	172

	Inferred Mineral Resources		
Gold			
	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)
Alumbrera (12.5%)	848	0.46	13
Arco Sul	5,000	4.02	646
Canadian Malartic (50%)	36,210	1.99	2,319
Cerro Moro	1,706	3.84	211
Chapada Zones	156,081	0.08	422
Suruca Zones	12,565	0.48	194
Total Chapada	168,646	0.11	616
El Peñón Mine	2,953	7.25	689
El Peñón Tailings	13,767	0.55	245
El Peñón Stockpiles	0	0.00	0
El Peñón Total	16,719	1.74	933
Jacobina	12,145	2.58	1,008
Jeronimo (57%)	1,118	4.49	161
La Pepa	37,900	0.50	620
Lavra Velha	3,934	4.29	543
Minera Florida	6,445	5.01	1,038
Monument Bay	41,946	1.32	1,781
Suyai	900	9.90	274
Total Gold Mineral Resources	333,516	0.95	10,162
Agua Rica	642,110	0.12	2,444
Silver			
	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)
Cerro Moro	1,706	257.8	14,139
El Peñón Mine	2,953	254.8	24,190
El Peñón Tailings	13,767	18.9	8,380
El Peñón Stockpiles	0	0.0	0
El Peñón Total	16,719	60.6	32,570
Minera Florida	6,445	29.4	6,093
Suyai	900	21.0	575
Total Silver Mineral Resources	25,770	64.4	53,377
Agua Rica	642,110	2.3	48,124
Copper			
	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Alumbrera (12.5%)	848	0.21	4
Chapada Zones	156,081	0.23	781
Suruca Zones	0	0.00	0
Total Chapada	156,081	0.23	781
Total Copper Mineral Resources	156,928	0.23	785
Agua Rica	642,110	0.34	4,853
Zinc			
	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Minera Florida	6,445	1.32	187
Total Zinc Mineral Resources	6,445	1.32	187
Molybdenum			
	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Alumbrera (12.5%)	85	0.014	0.03
Total Molybdenum Mineral Resources	85	0.014	0.03
Agua Rica	642,110	0.034	480

NOTE: Mineral Resources are exclusive of Mineral Reserves

Yamana Gold Inc. Mineral Reserve and Mineral Resource Reporting Notes:

1. Metal Price, Cut-off Grade, Metallurgical Recovery

<u>Mine</u>	<u>Mineral Reserves</u>	<u>Mineral Resources</u>
Alumbra Projects (12.5%)		
Alumbra Deposit	Price assumption: \$1,250 gold, \$2.91 copper Underground cut-off at 0.5% copper equivalent Metallurgical recoveries average 87.85% for copper and 72.31% for gold	Price assumption: \$1,250 gold, \$2.95 copper. Underground cut-off at 0.43% copper equivalent
Bajo El Durazno Deposit	N/A	Price assumption: \$1,250 gold, \$2.95 copper. 0.74 g/t Aueq cutoff within underground economic envelope
Arco Sul	N/A	Price assumption: \$1,500 gold 2.5 g/t Au cutoff
Canadian Malartic (50%)	Price assumption: \$1,200 gold Open pit cut-off grades range from 0.374 to 0.384 g/t Au Metallurgical recoveries for gold range from 87% to 96.7% depending on zone	Price assumption: \$1,200 gold Cut-off grades range from 0.35 g/t Au inside pit to 1.0 g/t Au outside or below pit Underground Cut-off grade at Odyssey is 1.15 g/t Au (stope optimized) and at East Malartic Underground is 1.25 g/t Au (stope optimized)
Cerro Moro	Price assumption: \$1,250 gold and \$18.00 silver Open pit cut-off at 3.27 g/t gold and Underground cut-off at 5.71 g/t gold Metallurgical recoveries average 95% for gold and 93% for silver	Price assumption: \$1,600 gold and \$24.00 silver 3.0 g/t Aueq cut-off
Chapada		
Chapada Zone	Price assumption: \$1,250 gold, \$3.00 copper Open pit cut-off at \$4.06/t (Main Pit, Corpo Sul, Cava Norte and Sucupira) Metallurgical recoveries at Chapada are dependent on zone and average 83.11% for copper and 56.94% for gold.	Price assumption: \$1,600 gold, \$4.00 copper Open pit cut-off at \$4.06/t (Chapada pits and Suruca SW) Metallurgical recoveries at Chapada are dependent on zone and average 83.11% for copper and 56.94% for gold.
Suruca Zone	Price assumption: \$1,300 gold Cut-off grade 0.19 g/t gold for Suruca oxide. Cut-off grade 0.3 g/t gold for Suruca sulfide. Metallurgical recoveries for Suruca oxide average 85% for gold. Metallurgical recoveries for Suruca sulphide average 88% for gold.	Price assumption: \$1,600 gold Cut-off grade 0.16 g/t gold for Suruca oxide. Cut-off grade 0.23 g/t gold for Suruca sulphide. Metallurgical recoveries for Suruca oxide average 85% for gold. Metallurgical recoveries for Suruca sulphide average 88% for gold.
El Peñón	Price Assumption: \$1,250 gold, \$18.00 silver, Open Pit cut-off at 1.75 g/t gold equivalent Underground cut-off ranging from 3.57 g/t gold equivalent to 3.70 g/t gold equivalent Low grade stockpiles cut-off 0.95 g/t gold equivalent Metallurgical recoveries for open pit ores range from 89.0% to 95.6% for gold and from 80.7% to 97.7% for silver Metallurgical recoveries for underground ores range from 87.2% to 99.0% for gold and from 59.8% to 92.6% for silver Metallurgical recoveries for low grade stockpiles are 95.2% for gold and 83.0% for silver	Price Assumption: \$1,600 Au, \$24.00 Ag, Underground cut-off at 2.78 g/t gold equivalent except for Pampa Augusta Victoria (2.88 g/t), Chiquilla Chica (2.87 g/t), Laguna (2.85 g/t) and Fortuna-Dominador zones (2.84 g/t). Mill recoveries of 95% and 86.5% used for Mineral Resource Estimation Mineral Resources contained in tailings and stockpiles reported at cut-offs of 0.50 g/t and 0.79 g/t gold equivalent respectively Metallurgical recoveries range from 87.2% to 99.0% for gold and from 59.8% to 92.6% for silver Metallurgical recoveries for tailings estimated to be 60% for gold and 30% for silver Metallurgical recoveries for stockpiles estimated to be 88.0% for gold and 80.8% for silver
Jacobina	Price assumptions: \$1,250 gold Underground cut-off grade is 1.20 g/t gold Metallurgical recovery is 96%	Price assumptions: \$1,600 gold Underground cut-off grade is 1.0 g/t gold with a minimum mining width of 1.5 meters
Jeronimo (57%)	Price Assumption: \$900 Au Cut-off grade at 2.0 g/t gold Metallurgical recovery for Au is 86%.	Cut-off grade at 2.0 g/t gold
La Pepa	N/A	Price Assumption: \$780 Au cut-off grade at 0.30 g/t gold

Lavra Velha	N/A	Price assumption: \$1,300 gold and \$3.50 copper cut-off grade at 0.2g/t gold and 0.1% copper
Minera Florida	Price assumption: \$1,250/oz gold, \$18.00/oz silver and \$1.25/lb Zn. Underground cut-offs for Las Petaguas Zone USD90.75/t and for the Metallurgical recoveries are 90.16% for gold, 52.31% for silver and 68.80%	Price assumption: \$1,250/oz gold, \$18.00/oz silver and \$1.25/lb Zn. Underground cut-off grade is 2.50 g/t gold Metallurgical recoveries are 90.16% for gold, 52.31% for silver and 68.80%
Monument Bay	N/A	Price Assumption: \$1,200 Au Cut-off grades are 0.4 g/t gold and 0.7 g/t gold for the open pits and 4.0
Suyai	N/A	5.0 g/t Au cut-off inside mineralized wireframe modeling
Agua Rica	Price assumption: \$1,000/oz gold, \$2.25/lb copper, \$17.00/oz silver and Metallurgical recoveries are 84.9% for copper, 52.7% for gold, 67.6% for	Cut-off grade at 0.2% Copper

2. All Mineral Reserves and Mineral Resources have been calculated in accordance with the standards of the Canadian Institute of Mining, Metallurgy and Petroleum and NI 43-101, other than the estimates for the Alumbreira mine which have been calculated in accordance with the JORC Code which is accepted under NI 43-101.

3. All Mineral Resources are reported exclusive of Mineral Reserves.

4. Mineral Resources which are not Mineral Reserves do not have demonstrated economic viability.

5. Mineral Reserves and Mineral Resources are reported as of December 31, 2018.

6. For the qualified persons responsible for the Mineral Reserve and Mineral Resource estimates, see the qualified persons list below.

Property	Qualified Persons for Mineral Reserves	Qualified Persons for Mineral Resources
Canadian Malartic	Sylvie Lampron, Canadian Malartic Corporation	Pascal Lehouiller, Canadian Malartic Corporation
Chapada	Luiz Pignatari, EDEM Engenharia	Felipe Machado de Araújo, Yamana Gold Inc.
El Peñón	Sergio Castro, Yamana Gold Inc.	Jorge Camacho, Yamana Gold Inc.