

Summary of Mineral Reserve and Mineral Resource Estimates

Mineral Reserves *(Proven and Probable)*

Yamana Gold Mineral Reserve Estimate as of December 31, 2021

	Proven Mineral Reserves			Probable Mineral Reserves			Total – Proven and Probable		
	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									
Canadian Malartic & Barnat Open Pit (50%)	21,466	0.84	580	28,758	1.28	1,188	50,225	1.09	1,767
Canadian Malartic Underground (50%)	0	0.00	0	0	0.00	0	0	0.00	0
Canadian Malartic Total (50%)	21,466	0.84	580	28,758	1.28	1,188	50,225	1.09	1,767
Jacobina	28,910	2.17	2,015	13,101	2.19	923	42,011	2.18	2,938
Cerro Moro	365	9.27	109	1,384	7.82	348	1,749	8.12	457
El Peñón Ore	421	6.70	91	4,996	5.09	817	5,417	5.21	908
El Peñón Stockpiles	8	2.64	1	607	1.24	24	615	1.26	25
El Peñón Total	429	6.62	91	5,603	4.67	841	6,032	4.81	933
Minera Florida Ore	662	3.08	65	2,905	3.49	326	3,567	3.42	392
Minera Florida Tailings	0	0.00	0	1,248	0.94	38	1,248	0.94	38
Minera Florida Total	662	3.08	65	4,153	2.73	364	4,815	2.78	430
Wasamac	0	0.00	0	23,168	2.56	1,910	23,168	2.56	1,910
Jeronimo (57%)	6,350	3.91	798	2,331	3.79	284	8,681	3.88	1,082
MARA (56.25%)	330,300	0.25	2,655	291,150	0.16	1,498	621,450	0.21	4,152
Total Gold Mineral Reserves	388,482	0.51	6,314	369,648	0.62	7,355	758,131	0.56	13,669
Silver									
Cerro Moro	365	593.5	6,964	1,384	342.0	15,215	1,749	394.5	22,180
El Peñón Ore	421	225.5	3,055	4,996	162.1	26,036	5,417	167.0	29,091
El Peñón Stockpiles	8	140.0	35	607	13.2	257	615	14.8	292
El Peñón Total	429	224.0	3,090	5,603	146.0	26,293	6,032	151.5	29,383
Minera Florida Ore	662	20.2	430	2,905	21.4	1,998	3,567	21.2	2,428
Minera Florida Tailings	0	0.0	0	1,248	14.6	584	1,248	14.6	584
Minera Florida Total	662	20.2	430	4,153	19.3	2,582	4,815	19.5	3,011
MARA (56.25%)	330,300	3.0	32,070	291,150	2.6	24,618	621,450	2.8	56,689
Total Silver Mineral Reserves	331,757	4.0	42,555	302,289	7.1	68,708	634,046	5.5	111,264

Totals may not add due to rounding

	Proven Mineral Reserves			Probable Mineral Reserves			Total – Proven and Probable		
	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Copper									
Yamana Gold Projects									
MARA (56.25%)	330,300	0.57	4,151	291,150	0.39	2,503	621,450	0.49	6,654
Total Copper Mineral Reserves	330,300	0.57	4,151	291,150	0.39	2,503	621,450	0.49	6,654

	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Zinc									
Yamana Gold Operations									
Minera Florida Ore	662	1.44	21	2,905	0.94	60	3,567	1.03	81
Minera Florida Tailings	0	0.00	0	1,248	0.58	16	1,248	0.58	16
Minera Florida Total	662	1.44	21	4,153	0.83	76	4,815	0.91	97
Total Zinc Mineral Reserves	662	1.44	21	4,153	0.83	76	4,815	0.91	97

	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Molybdenum									
Yamana Gold Projects									
MARA (56.25%)	330,300	0.030	218	291,150	0.030	192	621,450	0.030	411
Total Molybdenum Mineral Reserves	330,300	0.030	218	291,150	0.030	192	621,450	0.030	411

Totals may not add due to rounding

Mineral Resources *(Measured, Indicated and Inferred) (exclusive of Mineral Reserves)*

Yamana Gold Mineral Resource Estimate as of December 31, 2021

	Measured Mineral Resources			Indicated Mineral Resources			Total – Measured and 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									
Canadian Malartic, Barnat & Other Zones (50%)	130	0.72	3	2,174	1.31	92	2,304	1.28	95
Odyssey Underground (50%)	0	0.00	0	1,075	1.92	66	1,075	1.92	66
East Malartic Underground (50%)	0	0.00	0	5,539	2.04	364	5,539	2.04	364
East Gouldie Underground (50%)	0	0.00	0	5,974	3.88	745	5,974	3.88	745
Canadian Malartic Total (50%)	130	0.72	3	14,762	2.67	1,267	14,893	2.65	1,270
Jacobina	30,281	2.40	2,339	19,372	2.36	1,468	49,652	2.38	3,807
Cerro Moro Mine	177	5.26	30	760	3.58	87	937	3.89	117
Cerro Moro Heap Leach	0	0.00	0	0	0.00	0	0	0.00	0
Cerro Moro Total	177	5.26	30	760	3.58	87	937	3.89	117
El Peñón Mine	761	5.28	129	5,651	3.20	581	6,412	3.45	710
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	761	5.28	129	6,670	2.88	618	7,430	3.13	748
Minera Florida	1,425	5.24	240	6,108	4.15	816	7,533	4.36	1,056
Wasamac	0	0.00	0	5,769	1.76	326	5,769	1.76	326
Jeronimo (57%)	772	3.77	94	385	3.69	46	1,157	3.74	139
Agua Rica (56.25%)	30,150	0.13	126	116,044	0.11	411	146,194	0.11	537
Alumbrera (56.25%)	65,297	0.31	660	5,154	0.29	48	70,451	0.31	708
MARA Total (56.25%)	95,447	0.26	786	121,198	0.12	459	216,645	0.18	1,245
Arco Sul	0	0.00	0	0	0.00	0	0	0.00	0
La Pepa (80%)	47,053	0.61	920	52,324	0.49	831	99,377	0.55	1,751
Lavra Velha	0	0.00	0	0	0.00	0	0	0.00	0
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	176,046	0.80	4,541	268,629	1.16	9,992	444,675	1.02	14,532

Totals may not add due to rounding

NOTE: Mineral Resources are exclusive of Mineral Reserves. Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability.

Gold	Inferred Mineral Resources		
	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)
Canadian Malartic, Barnat & Other Zones (50%)	2,790	0.80	72
Odyssey Underground (50%)	13,382	2.07	891
East Malartic Underground (50%)	42,635	1.92	2,639
East Gouldie Underground (50%)	30,825	3.07	3,046
Canadian Malartic Total (50%)	89,632	2.31	6,647
Jacobina	25,018	2.37	1,904
Cerro Moro Mine	1,071	4.91	169
Cerro Moro Heap Leach	416	4.28	57
Cerro Moro Total	1,488	4.73	226
El Peñón Mine	5,115	3.87	636
El Peñón Tailings	13,767	0.55	245
El Peñón Stockpiles	0	0.00	0
El Peñón Total	18,882	1.45	881
Minera Florida	4,167	4.91	658
Wasamac	3,984	2.01	258
Jeronimo (57%)	1,118	4.49	161
Agua Rica (56.25%)	417,881	0.09	1,209
Alumbraera (56.25%)	1,708	0.23	13
MARA Total (56.25%)	419,590	0.09	1,222
Arco Sul	6,203	3.08	615
La Pepa (80%)	20,019	0.46	293
Lavra Velha	3,934	4.29	543
Monument Bay	41,946	1.32	1,781
Suyai	900	9.90	274
Total Gold Mineral Resources	636,880	0.76	15,463

Totals may not add due to rounding

NOTE: Mineral Resources are exclusive of Mineral Reserves. Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability.

	Measured Mineral Resources			Indicated Mineral Resources			Total – Measured and 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)
Silver									
Yamana Gold Projects									
Cerro Moro Mine	177	234.0	1,328	760	266.1	6,506	937	260.0	7,834
Cerro Moro Heap Leach	0	0.0	0	0	0.0	0	0	0.0	0
Cerro Moro Total	177	234.0	1,328	760	266.1	6,506	937	260.0	7,834
El Peñón Mine	761	150.9	3,691	5,651	113.5	20,625	6,412	118.0	24,316
El Peñón Tailings	0	0.0	0	0	0.0	0	0.00	0.0	0
El Peñón Stockpiles	0	0.0	0	1,019	28.8	942	1,019	28.8	942
El Peñón Total	761	150.9	3,691	6,670	100.6	21,568	7,430	105.7	25,259
Minera Florida	1,425	34.0	1,557	6,108	21.8	4,287	7,533	24.1	5,844
Agua Rica (56.25%)	30,150	1.6	1,502	116,044	1.9	6,940	146,194	1.8	8,442
Alumbraera (56.25%)	0	0.0	0	0	0.0	0	0	0.0	0
MARA Total (56.25%)	30,150	1.6	1,502	116,044	1.9	6,940	146,194	1.8	8,442
Suyai	0	0.0	0	4,700	23.0	3,523	4,700	23.0	3,523
Total Silver Mineral Resources	32,513	7.7	8,079	134,282	9.9	42,823	166,795	9.5	50,902
Copper									
	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Yamana Gold Projects									
Agua Rica (56.25%)	30,150	0.22	146	116,044	0.30	767	146,194	0.28	914
Alumbraera (56.25%)	65,297	0.31	445	5,154	0.21	24	70,451	0.30	469
MARA Total (56.25%)	95,447	0.28	591	121,198	0.30	791	216,645	0.29	1,383
Total Copper Mineral Resources	95,447	0.28	591	121,198	0.30	791	216,645	0.29	1,383
Zinc									
	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Yamana Gold Operations									
Minera Florida	1,425	1.90	60	6,108	1.38	185	7,533	1.48	245
Total Zinc Mineral Resources	1,425	1.90	60	6,108	1.38	185	7,533	1.48	245
Molybdenum									
	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Yamana Gold Projects									
Agua Rica (56.25%)	30,150	0.020	14	116,044	0.030	77	146,194	0.030	90
Alumbraera (56.25%)	65,297	0.012	16	5,154	0.010	1	70,451	0.011	17
MARA Total (56.25%)	95,447	0.014	30	121,198	0.029	78	216,645	0.022	107
Total Molybdenum Mineral Resources	95,447	0.014	30	121,198	0.029	78	216,645	0.022	107

Totals may not add due to rounding

NOTE: Mineral Resources are exclusive of Mineral Reserves. Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability.

Silver	Inferred Mineral Resources		
	Tonnes (000's)	Grade (g/t)	Contained oz. (000's)
Yamana Gold Projects			
Cerro Moro Mine	1,071	213.4	7,351
Cerro Moro Heap Leach	416	60.4	808
Cerro Moro Total	1,488	170.6	8,159
El Peñón Mine	5,115	125.3	20,604
El Peñón Tailings	13,767	18.9	8,380
El Peñón Stockpiles	0	0.0	0
El Peñón Total	18,882	47.7	28,984
Minera Florida	4,167	23.4	3,138
Agua Rica (56.25%)	417,881	1.6	21,765
Alumbraera (56.25%)	0	0.0	0
MARA Total (56.25%)	417,881	1.6	21,765
Suyai	900	21.0	575
Total Silver Mineral Resources	443,317	4.4	62,621

Copper			
	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Yamana Gold Projects			
Agua Rica (56.25%)	417,881	0.23	2,119
Alumbraera (56.25%)	1,708	0.17	6
MARA Total (56.25%)	419,590	0.23	2,125
Total Copper Mineral Resources	419,590	0.23	2,125

Zinc			
	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Yamana Gold Operations			
Minera Florida	4,167	1.20	111
Total Zinc Mineral Resources	4,167	1.20	111

Molybdenum			
	Tonnes (000's)	Grade (%)	Contained lbs (mm)
Yamana Gold Projects			
Agua Rica (56.25%)	417,881	0.030	276
Alumbraera (56.25%)	1,708	0.008	1
MARA Total (56.25%)	419,590	0.030	277
Total Molybdenum Mineral Resources	419,590	0.030	277

Totals may not add due to rounding

NOTE: Mineral Resources are exclusive of Mineral Reserves. Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability.

Year End 2021 Mineral Reserves and Mineral Resource Reporting Notes

Final December 31, 2021

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

Project	Mineral Reserves	Mineral Resources
Yamana Gold Operations		
Canadian Malartic (50%)	Price assumption: \$1,250 gold	Price assumption: \$1,250 gold
	Open pit cut-off grades range from 0.41 to 0.42 g/t gold	Canadian Malartic, Barnat and other zones cut-off grades range from 0.31 to 0.42 g/t gold inside pit, and from 1.15 to 1.20 g/t gold outside or below pit (stope optimized)
	Metallurgical recoveries for gold averaging 90.6%	Underground cut-off grade at Odyssey is 1.15 to 1.30 g/t gold (stope optimized)
		Underground cut-off grade at East Malartic is 1.15 to 1.40 g/t gold (stope optimized)
		Underground cut-off grade at East Gouldie is 1.10 to 1.25 g/t gold (stope optimized)
Jacobina	Price assumption: \$1,250 gold	Price assumption: \$1,250 gold. Cut-off grades correspond to 75% of the cut-off used to estimate the mineral reserves
	Underground reserves are reported at variable cut-off grades by zone ranging from 0.92 g/t gold to 1.01 g/t gold	Underground resources are reported at variable cut-off grades by zone ranging from 0.69 g/t gold to 0.76 g/t gold
	Metallurgical recovery is 96.2%	Reported within optimized underground mining shapes with minimum mining width of 1.5 metres and considering internal waste and dilution
Cerro Moro	Price assumptions: \$1,250 gold and \$18.00 silver	Price assumptions: \$1,250 gold and \$18.00 silver. NSR cut-off values correspond to 75% of reserves cut-off
	Underground NSR cut-off at \$210.71/t and open pit NSR cut-off at \$124.72/t	Underground NSR cut-off at \$158.04/t and open pit NSR cut-off at \$93.54/t
	Metallurgical recoveries average 93% for gold and 93% for silver	Heap leach resource reported at NSR cut-off value of \$90.5/t (underground) and \$26.0/t (open pit)
		Constrained in optimized stopes and pit shells
El Peñón	Price assumptions: \$1,250 gold, \$18.00 silver	Price assumptions: \$1,250 gold, \$18.00 silver
	Open Pit cut-off at \$48.27/t	Underground cut-off at \$96.86/t, which corresponds to 75% of the cut-off value used to estimate the mineral reserves
	Underground cut-off at \$129.15/t	Tailings and stockpiles reported at cut-offs of 0.50 g/t and 0.79 g/t gold equivalent respectively
	Low grade stockpiles cut-off 0.86 g/t gold equivalent	Metallurgical recoveries for underground ores range from 84.39% to 96.12% for gold and from 68.76% to 91.03% for silver
	Metallurgical recoveries for open pit ores are 89.39% for gold and 80.70% for silver	Metallurgical recoveries for tailings estimated to be 60% for gold and 30% for silver
	Metallurgical recoveries for underground ores range from 84.39% to 96.12% for gold and from 68.76% to 91.03% for silver	Metallurgical recoveries for stockpiles estimated to be 88.0% for gold and 80.8% for silver
	Metallurgical recoveries for low grade stockpiles are 95.2% for gold and 83.0% for silver	

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

Project	Mineral Reserves	Mineral Resources
Yamana Gold Operations		
Minera Florida	Price assumptions: \$1,250/oz gold, \$18.00/oz silver and \$1.25/lb zinc	Price assumptions: \$1,250/oz gold, \$18.00/oz silver and \$1.25/lb zinc
	Underground cut-off at \$92.07/t	Underground mineral resources are estimated at a cut-off value of \$69.05/t, corresponding to 75% of the cut-off used to estimate mineral reserves, for the Las Pataguas, PVS, and Cucaracha zones which are constrained to underground mining shapes. The remaining zones are reported unconstrained at a NSR cut-off value of \$92.07/t.
	Metallurgical recoveries of 91.99% for gold, 62.75% for silver, and 79.89% for zinc	Metallurgical recoveries of 91.99% for gold, 62.75% for silver, and 79.89% for zinc
Yamana Gold Projects		
Wasamac	Price assumption: \$1,250/oz gold	Price assumption: \$1,250 gold. Cut-off grades correspond to 75% of the cut-off used to estimate the mineral reserves
	Underground cut-off grade from 1.45 to 1.68 g/t gold (slope optimized)	Underground cut-off grades range from at 1.10 to 1.30 g/t gold
	The external dilution is estimated to be 11%. The average mining recovery factor was set at 93.6%.	Mineral resources are below a 32 m surface crown pillar and outside a 5 m buffer around historical underground workings
		Constrained by potentially mineable shapes based on a minimum mining width of 2 m considering internal waste and dilution
Jerónimo (57%)	Price assumption: \$900 gold	
	Cut-off grade at 2.0 g/t gold	Cut-off grade at 2.0 g/t gold
	Metallurgical recovery for gold is 86%.	
MARA: Agua Rica (56.25%)	Mineral Reserves are estimated using a variable metallurgical recovery	Mineral Resources are estimated using a variable metallurgical recovery
	Average metallurgical recoveries of 86% Cu, 35% Au, 43% Ag, and 44% Mo were considered	LOM average metallurgical recoveries of 86% Cu, 35% Au, 43% Ag, and 44% Mo were considered
	Open pit mineral reserves are reported at a variable cut-off value averaging \$8.42/t, based on metal price assumptions of \$3.00/lb Cu, \$1,250/oz Au, \$18/oz Ag, and \$11/lb Mo. A LOM average open pit costs of \$1.72/t moved, processing and G&A cost of \$6.70/t of run of mine processed. The strip ratio of the mineral reserves is 1.7 with overall slope angles varying from 39° to 45° depending on the geotechnical sector	Mineral resources are constrained by an optimized pit shell based on metal price assumptions of \$4.00/lb Cu, \$1,600/oz Au, \$24/oz Ag, and \$11/lb Mo. Open pit Mineral Resources are reported at a variable cut-off value which averages \$8.42/t milled with overall slope angles varying from 39° to 45° depending on the geotechnical sector
MARA: Alumbreira (56.25%)	N/A	Price assumptions: \$1,300 gold, \$2.83 copper.
		Alumbreira deposit: Whittle pit shell cut-off at 0.22% copper equivalent
		Bajo El Durazno deposit: 0.2 g/t Au cut-off within pit shell

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

Project	Mineral Reserves	Mineral Resources
Yamana Gold Projects		
Arco Sul	N/A	Price assumption: \$1,250 gold Underground cut-off grade at 2.00 g/t, which corresponds to 75% of the cut-off that would be used for mineral reserves Mineral resources reported within optimized underground mining shapes
La Pepa (80%)	N/A	Price assumption: \$1,650 gold Cut-off grade of 0.20 g/t gold for oxides and 0.26 g/t gold for sulphides, inside optimized pit envelope
Lavra Velha	N/A	Price assumptions: \$1,300 gold and \$3.50 copper Cut-off grade at 0.2 g/t gold and 0.1% copper
Monument Bay	N/A	Price assumption: \$1,200 gold Cut-off grades are 0.4 g/t gold and 0.7 g/t gold for the open pits and 4.0 g/t gold for underground
Suyai	N/A	5.0 g/t gold cut-off inside mineralized wireframe modeling

- All Mineral Reserves and Mineral Resources have been estimated in accordance with the standards of the Canadian Institute of Mining, Metallurgy and Petroleum and National Instrument 43-101.
- All Mineral Resources are reported exclusive of Mineral Reserves.
- Mineral Resources which are not Mineral Reserves do not have demonstrated economic viability.
- Mineral Reserves and Mineral Resources are reported as of December 31, 2021.
- For the qualified persons responsible for the Mineral Reserve and Mineral Resource estimates at the Company's material properties, see the qualified persons list below.

Property	Qualified Persons for Mineral Reserves	Qualified Persons for Mineral Resources
Canadian Malartic	Guy Gagnon, Eng., Canadian Malartic Corporation	Pascal Lehouillier, P. Geo, Canadian Malartic Corporation
Jacobina	Eduardo de Souza Soares, MAusIMM CP (Min), Yamana Gold Inc.	Luiz Carlos Damasceno dos Santos, MAusIMM CP (Geo), Yamana Gold Inc.
El Peñón	Jimmy Avendaño Gonzalez, Registered Member of the Chilean Mining Commission, Yamana Gold Inc.	Marco Velásquez Corrales, Registered Member of the Chilean Mining Commission, Yamana Gold Inc.