

# North America Gold Mines

## Quarterly Summary to 31 March 2020



For the quarter ending 31 March 2020 reported gold production totalled 2.6 Moz, with the USA producing more than Canada. Barrick Gold's and Newmont's Carlin mine in the USA was the largest gold producer with 411,382 oz, followed by their Cortez mine (208,130 oz) and Turquoise Ridge mine (136,585 oz) both in the USA.

The average gold price (London PM Fix) for the quarter was US\$1,586/oz. The average reported All-in Sustaining Costs (AISC) was US\$1,187/oz and to be considered in the lowest cost quartile an AISC of less than or equal to US\$948/oz was required. The mine with the lowest reported AISC was Barrick Gold's and Newmont's Long Canyon mine in the USA with an AISC of US\$561/oz, this was followed by St Barbara's and Moose River Resources' Atlantic Gold mine (US\$664/oz) in Canada and Alamos Gold's Island mine (US\$670/oz) in Canada.

### Overall - Top 5 Mines by Gold Production

Rank	Operation	Country	Principal Owners	Au Produced (oz)
1	Carlin	USA	Barrick Gold Corp 61.5%; Newmont Corp 38.5%	411,382
2	Cortez	USA	Barrick Gold Corp 61.5%; Newmont Corp 38.5%	208,130
3	Turquoise Ridge	USA	Barrick Gold Corp 61.5%; Newmont Corp 38.5%	136,585
4	Canadian Malartic	Canada	Agnico Eagle Mines Ltd 50%; Yamana Gold Inc 50%	123,578
5	Detour Lake	Canada	Kirkland Lake Gold Ltd 100%	100,673

*Notes: The Carlin, Cortez and Turquoise Ridge mines are part of the larger Nevada Operations owned by Barrick Gold Corp 61.5% and Newmont Corp 38.5%.*

### Overall - Top 5 Mines by All-in Sustaining Costs

Rank	Operation	Country	Principal Owners	AISC (US\$/oz)
1	Long Canyon	USA	Barrick Gold Corp 61.5%; Newmont Corp 38.5%	561
2	Atlantic Gold	Canada	St Barbara Ltd 63.5%; Moose River Resources Inc 36.5%	664
3	Island	Canada	Alamos Gold Inc 100%	670
4	Turquoise Ridge	USA	Barrick Gold Corp 61.5%; Newmont Corp 38.5%	806
5	Midas	USA	Hecla Mining Company 100%	808

*Notes: The Long Canyon mine is part of the larger Nevada Operations owned by Barrick Gold Corp 61.5% and Newmont Corp 38.5%.*

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### Canada

#### Top 5 Mines by Gold Production

Rank	Operation	Principal Owners	Au Produced (oz)
1	Canadian Malartic	Agnico Eagle Mines Ltd 50%; Yamana Gold Inc 50%	123,578
2	Detour Lake	Kirkland Lake Gold Ltd 100%	100,673
3	Brucejack	Pretium Resources Inc 100%	82,888
4	Porcupine	Newmont Corp 100%	77,000
5	Meliadine	Agnico Eagle Mines Ltd 100%	69,975

#### Top 5 Mines by All-in Sustaining Costs

Rank	Operation	Principal Owners	AISC (US\$/oz)
1	Atlantic Gold	St Barbara Ltd 63.5%; Moose River Resources Inc 36.5%	664
2	Island	Alamos Gold Inc 100%	670
3	Macassa	Kirkland Lake Gold Ltd 100%	850
4	Porcupine	Newmont Corp 100%	881
5	Canadian Malartic	Agnico Eagle Mines Ltd 50%; Yamana Gold Inc 50%	948

*Notes: The Canadian Malartic AISC represents Yamana Gold's AISC.*

### USA

#### Top 5 Mines by Gold Production

Rank	Operation	Principal Owners	Au Produced (oz)
1	Carlin	Barrick Gold Corp 61.5%; Newmont Corp 38.5%	411,382
2	Cortez	Barrick Gold Corp 61.5%; Newmont Corp 38.5%	208,130
3	Turquoise Ridge	Barrick Gold Corp 61.5%; Newmont Corp 38.5%	136,585
4	Round Mountain	Kinross Gold Corp 100%	84,465
5	Cripple Creek and Victor	Newmont Corp 100%	69,000

*Notes: The Carlin, Cortez and Turquoise Ridge mines are part of the larger Nevada Operations owned by Barrick Gold Corp 61.5% and Newmont Corp 38.5%.*

#### Top 5 Mines by All-in Sustaining Costs

Rank	Operation	Principal Owners	AISC (US\$/oz)
1	Long Canyon	Barrick Gold Corp 61.5%; Newmont Corp 38.5%	561
2	Turquoise Ridge	Barrick Gold Corp 61.5%; Newmont Corp 38.5%	806



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3	Midas	Hecla Mining Company 100%	808
4	Phoenix	Barrick Gold Corp 61.5%; Newmont Corp 38.5%	914
5	Mesquite	Equinox Gold Corp 100%	988

**Notes:** The Long Canyon, turquoise Ridge and Carlin mines are part of the larger Nevada Operations owned by Barrick Gold Corp 61.5% and Newmont Corp 38.5%.

## Data Tables

### North American Gold Mines that Report All-in Sustaining Costs

Rank	Operation	Country	Principal Owners	Au Produced (oz)	AISC (US\$/oz)
1	Long Canyon	USA	Barrick Gold Corp 61.5% Newmont Corp 38.5%	42,276	561
2	Atlantic Gold	Canada	St Barbara Ltd 63.5% Moose River Resources Inc 36.5%	26,032	664
3	Island	Canada	Alamos Gold Inc 100%	38,800	670
4	Turquoise Ridge	USA	Barrick Gold Corp 61.5% Newmont Corp 38.5%	136,585	806
5	Midas	USA	Hecla Mining Company 100%	16,965	808
6	Macassa	Canada	Kirkland Lake Gold Ltd 100%	50,861	850
7	Porcupine	Canada	Newmont Corp 100%	77,000	881
8	Phoenix	USA	Barrick Gold Corp 61.5% Newmont Corp 38.5%	56,911	914
9	Canadian Malartic	Canada	Agnico Eagle Mines Ltd 50% Yamana Gold Inc 50%	123,578	948
10	Holt Complex	Canada	Kirkland Lake Gold Ltd 100%	28,584	955
11	Seabee	Canada	SSR Mining Inc 100%	29,521	982
12	Mesquite	USA	Equinox Gold Corp 100%	36,375	988
13	Moss	USA	Northern Vertex Mining Corp 100%	7,379	991
14	Brucejack	Canada	Pretium Resources Inc 100%	82,888	996
15	Carlin	USA	Barrick Gold Corp 61.5% Newmont Corp 38.5%	411,382	1,007
16	Cortez	USA	Barrick Gold Corp 61.5% Newmont Corp 38.5%	208,130	1,009
17	New Afton	Canada	New Gold Inc 100%	16,409	1,033
18	South Arturo	USA	Premier Gold Mines Ltd 40% Barrick Gold Corp 36.9% Newmont Corp 23.1%	6,730	1,038
19	Lamaque	Canada	Eldorado Gold Corp 100%	27,353	1,042
20	Cripple Creek and Victor	USA	Newmont Corp 100%	69,000	1,043



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Rank	Operation	Country	Principal Owners	Au Produced (oz)	AISC (US\$/oz)
21	Timmins	Canada	Pan American Silver Corp 100%	43,310	1,051
22	Eagle River Complex	Canada	Wesdome Gold Mines Ltd 100%	25,122	1,058
23	Pan	USA	Fiore Gold Ltd 100%	12,085	1,099
24	Detour Lake	Canada	Kirkland Lake Gold Ltd 100%	100,673	1,108
25	Point Rousse	Canada	Anaconda Mining Inc 100%	4,997	1,151
26	Red Lake	Canada	Evolution Mining Ltd 100%	38,000	1,182
27	Westwood	Canada	IAMGOLD Corp 100%	22,000	1,242
28	Young-Davidson	Canada	Alamos Gold Inc 100%	28,700	1,242
29	Eleonore	Canada	Newmont Corp 100%	61,000	1,248
30	Marigold	USA	SSR Mining Inc 100%	58,448	1,277
31	Hemlo	Canada	Barrick Gold Corp 100%	57,000	1,281
32	Hope Bay	Canada	TMAC Resources Inc 100%	32,290	1,317
33=	Pogo	USA	Northern Star Resources Ltd 100%	49,340	1,330
33=	Isabella Pearl	USA	Gold Resource Corp 100%	3,692	1,330
35	Black Fox	Canada	McEwen Mining Inc 100%	8,328	1,339
36	Florida Canyon	USA	Argonaut Gold Inc 100%	11,182	1,365
37	Haile	USA	OceanaGold Corp 100%	29,373	1,551
38	Elder-Tagami	Canada	Abcourt Mines Inc 100%	2,542	1,577
39	Casa Berardi	Canada	Hecla Mining Company 100%	26,752	1,615
40	Rainy River	Canada	New Gold Inc 100%	50,381	1,755
41	Sugar Zone	Canada	Harte Gold Corp 100%	8,597	1,951
42	Gold Bar	USA	McEwen Mining Inc 100%	9,100	2,177
43	Musselwhite	Canada	Newmont Corp 100%	15,000	2,602

### North American Mines that do not Report All-in Sustaining Costs

Rank	Operation	Country	Principal Owners	Au Produced (oz)
1	Round Mountain	USA	Kinross Gold Corp 100%	84,465
2	Meliadine	Canada	Agnico Eagle Mines Ltd 100%	69,975
3	LaRonde	Canada	Agnico Eagle Mines Ltd 100%	55,223
4	Fort Knox	USA	Kinross Gold Corp 100%	51,667
5	Meadowbank	Canada	Agnico Eagle Mines Ltd 100%	49,341
6	Bald Mountain	USA	Kinross Gold Corp 100%	42,087



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Rank	Operation	Country	Principal Owners	Au Produced (oz)
7	Goldex	Canada	Agnico Eagle Mines Ltd 100%	33,883
8	Kensington	USA	Coeur Mining Inc 100%	32,022
9	Wharf	USA	Coeur Mining Inc 100%	15,541
10	LaRonde Zone 5	Canada	Agnico Eagle Mines Ltd 100%	14,464
11	Dublin Gulch	Canada	Victoria Gold Corp 100%	10,544

**Notes:** Kinross Gold Corp, Agnico Eagle Mines Ltd, Coeur Mining Inc and Victoria Gold Corp do not report AISC for individual mines, only overall quarterly AISC.

**Data Sources:** Data was sourced from company quarterly reports, S&P Global Market Intelligence, cost curve created by Aurum Analytics.