Harmony Gold Mining Company Limited Registration number 1950/038232/06 Incorporated in the Republic of South Africa

ISIN: ZAE000015228

JSE share code: HAR

("Harmony" and/or "the Company")

RESULTS FOR THE INTERIM PERIOD ENDED 31 DECEMBER 2019 - SHORT FORM ANNOUNCEMENT

Johannesburg, Tuesday, 11 February 2020. Harmony Gold Mining Company Limited ("Harmony" or "the Company") is pleased to announce its financial and operating results for the interim period ended 31 December 2019 ("H1FY20").

- 12% increase in revenue to R15 477 million (8% increase to US\$1 054 million)
- 6 325% increase in earnings per share to 249 SA cents (greater than 100% increase to 17 US cents (previously zero)
- 6 325% increase in headline earnings per share to 249 SA cents (greater than 100% increase to 17 US cents (previously zero)
- No ordinary cash dividend declared for the six months ended 31 December 2019 (no ordinary cash dividend declared during the previous corresponding six month period)

"We remain committed to our safety and health journey we embarked upon in calendar year 2016, with our focus on leadership, risk management and people. Key related elements of this journey are our four-layered risk management approach and attaining a proactive safety culture. While a stronger gold price received continues to provide a welcome boost to our financial performance, we will focus our efforts on what we are able to control being safety, costs and production", said Peter Steenkamp, chief executive officer of Harmony.

Short form announcement:

This short-form announcement is the responsibility of the board of directors of the Company ("Board").

Shareholders are advised that this short-form announcement represents a summary of the information contained in the full announcement (results booklet) and does not contain full or complete details published on the Stock Exchange News Service ("SENS"), via the JSE link and on Harmony's website (www.harmony.co.za) on 11 February 2020.

The financial results as contained in the condensed consolidated financial statements for the six months ended 31 December 2019 have been reviewed by PricewaterhouseCoopers Inc., who expressed an unmodified review conclusion thereon.

Any investment decisions by investors and/or shareholders should be based on a consideration of the full announcement as a whole and shareholders are encouraged to review the full announcement (results booklet), which is available for viewing on the Company's website referred to above and via the JSE link.

The full announcement (results booklet) is also available for inspection at the registered office of the Company, Randfontein Office Park, Randfontein, 1760, Corner Main Reef Road/Ward Avenue, Randfontein and at the offices of the sponsors, JP Morgan. Inspection of the full announcement is available to investors and/or shareholders at no charge, during normal business hours from today, 11 February 2020, until 18 February 2020.

Copies of the full announcement (results booklet) may be requested from corporate@harmony.co.za.

The JSE link is as follows:

https://senspdf.jse.co.za/documents/2020/jse/isse/HARE/HY20result.pdf

Ends.

For more details contact:

Marian van der Walt Executive: Investor Relations +27(0)82 888 1242 (mobile)

Max Manoeli Investor Relations +27(0)82 759 1775 (mobile)

Johannesburg, South Africa

11 February 2020

Sponsor:

J.P. Morgan Equities South Africa Proprietary Limited