



TECHNICAL COMMITTEE CHARTER

Purpose

The purpose of the Technical Committee (the “**Committee**”) of the Board of Directors (the “**Board**”) of MAG Silver Corp. (the “**Company**”) shall be to assist the Board in fulfilling its oversight responsibilities with respect to the Company’s operational performance and operating risks from a technical perspective. The Company’s operations include exploration and development projects, operating mines, projects in reclamation and projects being considered as acquisition targets.

Membership

The Board will appoint members of the Committee in accordance with the Company’s articles, who shall serve until each such member’s successor is appointed or until such member’s earlier resignation or removal. The Committee shall be composed of not less than three members of the Board, the majority of whom must be independent as determined by the Board in accordance with the applicable requirements of the laws governing the Company, including *National Instrument 52-110 – Audit Committees*, as amended from time to time, and the rules of the stock exchanges on which the Company’s securities are listed. The Board will fill any vacancy if and when the Committee has less than three members and may remove members by resolution.

The Board shall designate one member of the Committee as the chair of the Committee (the “**Chair**”); however, if it fails to do so, then the members of the Committee may designate the Chair by majority vote. The Chair shall be responsible for overseeing the operations and affairs of the Committee as more fully specified below.

Meetings and Authority

The Committee shall meet at least twice per year, with additional meetings as deemed necessary on such dates and at such locations as the Chair may determine.

The quorum for meetings shall be the majority of the members of the Committee, present in person or by telephone or other communication medium that permits all persons participating in the meeting to communicate with each other.

The Committee may invite an advisor (or advisors), including any member of the Company’s management team or other person, to attend all or part of any meetings of the Committee, to make presentations, participate in discussions, or provide information and assistance to the

Committee as required. In-camera sessions will be held during, or after, every Committee meeting, for which any guests, including non-independent directors, shall be asked to leave the meeting.

The Committee may call upon and have access to resources for additional information or advice including external consultants. The Committee has unrestricted access to employees and records to the fullest extent permitted by law and is authorized to take advice from external parties, as appropriate, at the Company's expense.

It is the responsibility of the Chair to schedule all meetings of the Committee and provide the Committee with a written notice and agenda for all meetings in advance of each meeting. Notice of the time and place of each meeting shall be given at least 24 hours prior to the time fixed for such meeting. Minutes will be recorded at each meeting and approved at the following Committee meeting. Following each Committee meeting, the Chair will report to the Board on the issues considered by the Committee, any recommendations being made by the Committee for approval by the Board and on any actions taken by the Committee.

Responsibilities and Duties

To provide oversight for the Company's operational and technical matters, the Committee will, among other things, review and monitor, seek recommendations from management or third-party experts (as considered appropriate by the Committee) and, when deemed appropriate by the Committee, make recommendations to the Board with respect to operational and technical matters. In fulfilling its responsibilities, the Committee will:

Operational and Technical:

- a) review updates from management on development or growth initiatives, including the review of technical reports prepared in accordance with *National Instrument 43-101 - Standards of Disclosure for Mineral Projects* ("**NI 43-101**");
- b) assess and review all material proposals for exploration, mine construction programs and major capital expenditures;
- c) review project progress (milestones, key indicators, etc.), providing guidance when trends indicate deviations (including cost and schedule) from approved plans; and monitor project transition from development to operation, and project close-out reporting;
- d) review mineral resource and mineral reserve estimates, assumptions, methodology, data and any other information relating to the Company's material properties to be publicly disclosed or included in its regulatory filings;
- e) review the appointment of the Company's designated Qualified Person(s), as such term is defined by applicable securities law regulation, for estimating the Company's mineral resources and reserves;
- f) in conjunction with the Company's Audit and Disclosure Committees, review operational and technical matters regarding production guidance reports and any other forward-looking disclosure statements;

- g) review technical and operational risks associated with the Company's life of mine plans when developed or updated by management;
- h) review technical and operational risks associated with the Company's annual budget as it relates to planned exploration, development and operations;
- i) review the Company's closure planning and reclamation obligations;
- j) verify that management has identified the principal operating risks; monitor management's risk management processes to address such risks; and review the sufficiency of resources available for carrying out the recommended actions and activities;
- k) in conjunction with the Company's Health, Safety, Environment and Community Committee, review technical aspects of safety and environmental risks, specifically climate change impacts and tailings management; and
- l) endeavor to visit the Company's material properties on an annual basis.

General:

- a) evaluate the function and performance of the Committee on an annual basis, and participate in relevant educational and professional development;
- b) develop an annual work plan to assist the Committee in carrying out its responsibilities;
- c) review and assess the adequacy of this Charter on an annual basis, and recommend changes to the Board when necessary; and
- d) exercise such other powers and perform such other duties and responsibilities as are incidental to the purposes, duties and responsibilities specified herein and as may from time to time be delegated to the Committee by the Board.

Reviewed and approved by the Board on August 9, 2021.