Mining Corp.

CHARTER OF THE HEALTH, SAFETY, AND TECHNICAL COMMITTEE

PURPOSE

The overall purpose of the Health, Safety, and Technical Committee (the "**Committee**") of Luca Mining Corp. (the "**Corporation**") is to review and monitor:

a) the technical aspects of the Corporation's business on behalf of the Board of Directors of the Corporation (the "**Board**");

b) the activities of the Corporation as they relate to the health and safety of employees and consultants of the Corporation in the workplace;

c) the consideration of broader stakeholder interests, including technical matters related to health, safety, and environmental performance, in consultation with the Board and the Chief Executive Officer ("**CEO**").

COMPOSITION, PROCEDURES AND ORGANIZATION

a) The Committee members will be appointed annually at the first meeting of the Board following the annual general meeting of shareholders or until their successors are duly appointed.

b) The Board may at any time remove or replace any member of the Committee and may fill any vacancy on the Committee.

c) The Committee shall be composed of three or more directors as shall be designated by the Board from time to time, the majority of whom shall satisfy the applicable independence and experience requirements of the laws governing the Corporation, the applicable stock exchange(s) on which the Corporation's securities are listed, and applicable securities regulatory authorities.

d) The Committee shall keep minutes of its meetings. The Committee may, from time to time, appoint any person who need not be a member, to act as a secretary at any meeting.

e) The Committee may invite such officers, directors and employees of the Corporation and its subsidiaries as it may see fit, from time to time, to attend at meetings of the Committee.

f) The independent directors or non-management members of the Committee may meet at the end of each meeting without management and non-independent members present.

g) The Committee shall meet at least semi-annually, at the discretion of the Chair or a majority of its members, as circumstances dictate or as may be required by applicable legal or listing requirements.

h) The quorum for meetings shall be a majority of the members of the Committee, present in person or by telephone, video conference or other telecommunication device that permits all persons participating in the meeting to speak and to hear each other.

i) The Committee shall have access to such officers and employees and to such information respecting the Corporation, and may engage independent consultants and

advisors at the expense of the Corporation, all as it considers to be necessary or advisable in order to perform its duties and responsibilities; however, only doing so with the knowledge and approval of the Chair of the Board, the Chief Executive Officer or the Chief Financial Officer.

RESPONSIBILITIES

The duties and responsibilities of the Committee shall be as follows:

Technical

Material technical matters relating to the operations of the Corporation may include, as applicable:

a) mine construction, operations, development and production;

b) mine production plans, as proposed and revised from time to time and the implementation of such plans;

c) the continuing construction, development and operation of Corporation's projects;

d) review and monitor all technical activities of the Corporation on behalf of the Board as the Committee deems necessary;

e) statements and restatements of mineral reserves and mineral resources in conjunction with the filing of National Instrument 43-101 Technical Reports, as applicable;

f) review annual budgets and life of mine production plans for each operation and the Corporation's consolidated production plan including management discussion and analysis of risks;

g) review any exploration, geological, mining, metallurgical and other technical issues of significant concern, and provide technical review of any contemplated major transactions;

h) make visits, as the Committee deems necessary, to the Corporation's properties in order to become familiar with the operations and to review relevant objectives, procedures and performances with respect to technical and operational matters;

i) to report on a timely basis and at least annually to the Board on technical issues and on the advancement of the Corporation's properties;

j) risks associated with the foregoing and originating management strategies for consideration by the Board; and

k) to perform any other duties and activities that the Committee or the Board considers appropriate.

Safety and Health

a) to review and monitor the health and safety policies and activities of the Corporation on behalf of the Board to ensure compliance with applicable laws, legislation and policies as they relate to the Corporation's employees and consultants in the workplace and that established practices are applied;

b) to recommend actions for developing policies, programs and procedures to ensure that the principles set out in the Corporation's policies related to the health and safety of its employees and consultants in the workplace are being adhered to and achieved;

c) to review and report to the Board on the sufficiency of resources available for carrying out the actions and activities recommended;

d) to report on a timely basis and at least annually to the Board on health and safety issues and on the state of compliance with applicable laws and legislation and adherence to the policies of the Corporation; and

e) to perform any other duties and activities that the Committee or the Board considers appropriate.

REVISIONS

Last update and approved by the Board of Directors of the Corporation on May 21, 2026.