GRANITE RIDGE RESOURCES, INC.
CHARTER OF THE NOMINATING AND GOVERNANCE COMMITTEE OF THE BOARD OF DIRECTORS
(Adopted as of November 4, 2026)

The Board of Directors (the "***Board***") of Granite Ridge Resources, Inc. (the "***Company***") has established the Nominating and Governance Committee of the Board (the "***Committee***") with the authority, responsibility, and specific duties as described in this Nominating and Governance Committee Charter (this "***Charter***").

I. Purposes

The purposes of the Committee are to:

A. Advise the Board on corporate governance guidelines applicable to the Company, make recommendations regarding appropriate corporate governance practices, and assist the Board in implementing those practices;

B. Assist the Board by identifying individuals qualified to become members of the Board, consistent with the criteria approved by the Board, and recommend director nominees to the Board for election at the annual meetings of shareholders or for appointment to fill vacancies on the Board;

C. Advise the Board about the appropriate composition of the Board and its committees;

D. Oversee and lead the Board in the annual performance evaluation of the Board and its committees and of management;

E. Direct all matters relating to the succession of the Company's Chief Executive Officer ("***CEO***");

F. Oversee the Company's shareholder engagement on corporate governance matters and the Board's consideration of shareholder proposals; and

G. Perform such other functions as the Board may assign to the Committee from time to time.

II. Membership

The Committee must consist of not less than three members of the Board. Following the end of the phase-in-period available under 303A.00 of the New York Stock Exchange ("***NYSE***") Listed Company Manual for companies that cease to be "controlled companies" within the meaning of Section 303A.00 of the NYSE Listed Company Manual, each member of the Committee must be "independent" as defined by the listing requirements of the NYSE. Notwithstanding the foregoing membership requirements, no action of the Committee will be invalid by reason of any such

requirement not being met at the time such action is taken.

The members of the Committee and its Chairman will be selected annually by the Board and will serve at the pleasure of the Board. Any vacancy on the Committee will be filled by, and any member of the Committee may be removed by, an affirmative vote of a majority of the Board. If a Chairman is not designated by the Board or present at a meeting, the Committee may designate a Chairman by majority vote of the Committee members then in office.

III. Authority and Responsibilities

The Committee is delegated all authority of the Board as may be required or advisable to fulfill the purposes of the Committee. Without limiting the generality of the preceding statements, the Committee has the authority, and is entrusted with the responsibility, to take the following actions:

A. ***Authority***

The Committee has the authority to:

1. Fulfill the purposes of the Committee.

2. Conduct or authorize investigations into any matter within the scope of the responsibilities delegated to the Committee as it deems appropriate, including the authority to request any officer, employee, or advisor of the Company to meet with the Committee or any advisors engaged by the Committee.

3. Retain and determine funding for independent legal counsel and other experts and advisors, including the sole authority to retain, approve the fees payable to, amend the engagement with and terminate any search firm to assist the Committee in identifying director candidates as it deems necessary or appropriate to fulfill its responsibilities. The Committee may also utilize the services of the Company's regular outside legal counsel or other advisors to the Company. The Company must provide for appropriate funding, as determined by the Committee, for payment of (a) compensation to any advisors employed by the Committee; and (b) ordinary administrative expenses of the Committee that are necessary or appropriate in carrying out its duties.

4. Delegate to its Chairman, any one of its members or any subcommittee it may form the responsibility and authority for any particular matter as it deems appropriate from time to time under the circumstances and consistent with applicable law. However, subcommittees do not have the authority to engage independent legal counsel and other experts and advisors unless expressly granted such authority by the Committee. Each subcommittee will keep minutes and regularly report to the Committee.

B. ***Responsibilities***

The Committee's principal responsibility is one of oversight. The Company's management is responsible for the day-to-day implementation of the Company's corporate governance policies and practices. The Committee's scope of responsibilities will encompass the following duties and responsibilities and such other duties as the Board from time to time may assign:

Corporate Governance

1. The Committee will consider corporate governance issues that arise from time to time and develop appropriate recommendations for the Board.

2. Periodically, the Committee will review and reassess the adequacy of the Company's corporate governance guidelines and recommend any proposed changes to the Board for approval.

3. Periodically, the Committee will monitor developments in corporate governance law and practice, including under the Texas Business Organizations Code, the Company's certificate of formation and bylaws, NYSE listing standards, and Securities and Exchange Commission rules, and recommend to the Board any changes to the Company's governing documents, policies, or practices that the Committee deems appropriate.

4. The Committee will review shareholder proposals submitted for inclusion in the Company's proxy materials and other shareholder communications relating to corporate governance, and recommend to the Board appropriate responses.

5. The Committee will oversee the orientation program for new directors and continuing education opportunities for directors.

6. The Committee will review the corporate governance disclosures in the Company's proxy statement and, as the Board may request and to the extent not overseen by the full Board or another committee, review the Company's disclosures regarding environmental, social, or sustainability matters that may be material to the Company.

Director Nominations

Except where the Company is legally required by contract or otherwise to provide third parties with the ability to nominate directors, the Committee will perform the following actions:

1. Identify individuals qualified to become members of the Board, consistent with the criteria approved by the Board, and recommend to the Board the persons to be nominated by the Board for election as directors at the annual

meeting of shareholders and the persons to be elected by the Board to fill any vacancies on the Board.

2. Prior to recommending to the Board that an existing director be nominated for election as a director at the annual meeting of shareholders, the Committee will consider and review the director's:

   - past Board and committee meeting attendance and performance;
   - length of Board service;
   - personal and professional integrity, including commitment to the Company's core values;
   - relevant experience, skills, qualifications, and contributions that the existing director brings to the Board;
   - diversity of background and experience; and
   - independence under applicable standards.

3. In the event that a vacancy on the Board arises, either as a result of an increase in the size of the Board or as a result of the departure of a director, the Committee will seek and identify a qualified director nominee to be recommended to the Board for either appointment by the Board to serve the remainder of the term of the director position that is vacant or election at the next annual meeting of shareholders. To identify such a nominee, the Committee should solicit recommendations from existing directors and senior management. These recommendations should be considered by the Committee along with any recommendations that have been received from shareholders as discussed below. The Committee may, in its discretion, retain a search firm to provide additional candidates. Prior to recommending to the Board that a person be elected to fill a vacancy on the Board, the Committee will consider and review the candidate's:

   - relevant skills, qualifications, and experience;
   - independence under applicable standards;
   - business judgment;
   - diversity of background and experience;
   - service on boards of directors of other companies;
   - personal and professional integrity, including commitment to the Company's core values;

- openness and ability to work as part of a team;
- willingness to commit the required time to serve as a Board member; and
- familiarity with the Company and its industry.

4. The Committee will treat recommendations for directors that are received from the Company's shareholders equally with recommendations received from any other source; *provided, however*, that in order for such stockholder recommendations to be considered, the recommendations must comply with the procedures outlined in the Company's proxy statement for its annual meeting of shareholders.

5. Periodically, the Committee will review the criteria for the nomination of director candidates and approve changes to the criteria, as appropriate.

Director Independence

Each year, the Committee will:

1. Review the relationships between the Company and each director and report the results of its review to the Board, which will then determine which directors satisfy the applicable independence standards; and

2. Determine whether or not each director serving on a Board committee is independent, disinterested, a non-employee director or an outside director under the standards applicable to the committees on which such director is serving or may serve and report the results of its review to the Board, which will then determine which directors, if any, qualify as independent, disinterested, non-employee or outside directors under applicable standards.

Board and Committee Structure

Each year, the Committee will:

1. Review the advisability or need for any changes in the number and composition of the Board;

2. Review the advisability or need for any changes in the Board's committee structure; and

3. Recommend to the Board the composition of each Board committee and the individual director to serve as Chairman of each committee, endeavoring to cause one member of the Audit Committee to satisfy the attributes of an "audit committee financial expert" as set forth in Item 407(d)(5) of Regulation S-K promulgated by the Securities and Exchange Commission.

Committee, Board and Management Performance Evaluations

Each year, the Committee will:

1. Request that the Chairman of each committee, including this Committee, report to the full Board about the committee's annual evaluation of its performance and evaluation of its committee's charter; and

2. Receive comments from all directors and report to the full Board with an assessment of the performance of the Board, the Board's committees, and management.

Succession Planning

Periodically, the Committee will:

1. Meet on succession planning, whereby the Committee will identify, and periodically update, the qualities and characteristics necessary for an effective CEO and monitor and review the development and progression of potential candidates against these standards; and

2. Consult with the CEO on senior management succession planning.

IV. Procedures

A. ***Meetings***. The Committee will meet at the call of its Chairman, two or more members of the Committee, or any Chairman of the Board. In the event the Chairman is not present at a meeting, the Committee members present at the meeting will designate one such member as the Chair pro tempore of the meeting. The Committee will meet as frequently as circumstances dictate. Meetings of the Committee may be in person, by unanimous written consent, by conference telephone, or any other communications equipment by means of which all persons participating in the meeting can hear each other, in accordance with the Company's Bylaws. Meetings of the Committee will be held at such time and place, and upon such notice, as its Chairman may from time to time determine. The Committee will keep such records of its meetings as it deems appropriate.

Meetings may, at the discretion of the Committee, include other directors, members of the Company's management (and that of Grey Rock Administration, LLC ("***Grey Rock***") providing services to the Company pursuant to that certain Management Services Agreement, by and between the Company and Grey Rock), independent advisors, and consultants or any other persons whose presence the Committee believes to be necessary or appropriate. Those in attendance may observe meetings of the Committee, but they may not participate in any discussion or deliberation unless invited to do so by the Committee, and in any event they are not entitled to vote. Notwithstanding the foregoing, the Committee may also

exclude from its meetings any persons it deems appropriate, including, but not limited to, any director that is not a member of the Committee.

B. ***Quorum and Approval***. A majority of the Committee's members will constitute a quorum. The Committee will act on the affirmative vote of a majority of members present at a meeting at which a quorum is present. The Committee may also act by unanimous written consent in lieu of a meeting.

C. ***Rules***. The Committee may determine additional rules and procedures, including designation of a Chair pro tempore in the absence of its Chairman and designation of a secretary of the Committee at any meeting thereof.

D. ***Reports***. The Committee will maintain minutes of its meetings and make regular oral or written reports to the Board, directly or through its Chairman, of its actions and any recommendations to the Board.

E. ***Review of Charter***. Each year, the Committee will review the need for changes in this Charter and recommend any proposed changes to the Board for approval.

F. ***Performance Review***. Each year, the Committee will review and evaluate its own performance and will submit itself to a review and evaluation by the Board.

G. ***Fees; Reimbursement of Expenses***. Each member of the Committee, as well as the Chairman, will be paid the fee set by the Board for his or her services as a member, or Chairman, as the case may be, of the Committee. Subject to the Company's Corporate Governance Guidelines and other policies, Committee members, including the Chairman, will be reimbursed by the Company for all reasonable expenses incurred in connection with their duties as Committee members or as Chairman.

V. Posting Requirement

The Company will make this Charter available on or through the Company's website as required by applicable rules and regulations. In addition, the Company will disclose in its proxy statement for its annual meeting of shareholders or in its Annual Report on Form 10-K, as applicable, that a copy of this Charter is available on the Company's website and provide the website address.

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Nothing contained in this Charter is intended to create, or should be construed as creating, any responsibility or liability of the members of the Committee, except to the extent otherwise provided under applicable federal or state law. Further, nothing in this Charter is intended to preclude or impair the protection provided in Section 3.102 of the Texas Business Organizations Code for good faith reliance by members of the Committee on reports or other information provided by others.