



UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

DIVISION OF
CORPORATION FINANCE

January 2, 2024

Brent Berg
Chief Executive Officer
Rare Elements Resources Ltd
P.O. Box 271049
Littleton, CO 80127

**Re: Rare Elements Resources Ltd
Registration Statement on Form S-1
Filed December 5, 2023
File No. 333-275892**

Dear Brent Berg:

We have conducted a limited review of your registration statement and have the following comments.

Please respond to this letter by amending your registration statement and providing the requested information. If you do not believe a comment applies to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your registration statement and the information you provide in response to this letter, we may have additional comments.

Registration Statement on Form S-1

Were any required waivers obtained in connection with approval of the rights offering?, page 13

1. We note your disclosure in this section. Please file the Synchron waiver authorizing you to issue additional shares of capital stock. In addition, please revise to clarify whether the waiver is limited to the proposed rights offering transaction.

When will the rights offering expire?, page 14

2. We note your disclosure that you may extend the rights offering in your sole discretion. Please revise your disclosure to state a termination date that is not indefinite. Refer to Item 501(b)(8)(iii) of Regulation S-K.

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Risk Factors

Depending on the extent to which Synchron and holders other than Synchron exercise their subscription rights, page 18

3. We note your disclosure in this section. Revise the prospectus cover page, summary, Question and Answers section, and the Rights Offering section to include similar disclosure that Synchron may own up to 81% of the company following the rights offering. In addition, we note your disclosure that Synchron has advised of its intent to participate in the offering. Please explain the circumstances under which Synchron indicated it would participate in the rights offering, clarify the extent of Synchron's anticipated participation in this offering, and whether there is a standby purchase arrangement in place, verbally or in writing.

You may not be able to resell any of our common shares, page 21

4. Please clarify why there may be a delay in issuing the shares after completion of the rights offering. Otherwise, please revise to remove any implication that the shares will not be issued promptly.

Subscription Price, page 29

5. We note that you have identified various factors that affected your determination of the subscription price. Please provide an expanded discussion of how you considered the factors identified, including how you considered various rights offerings by public companies.

The Rights Offering

Reasons for the Rights Offering, page 29

6. We note that you are conducting the rights offering to raise capital to progress your business strategy to support commercialization and fund activities to support the advancement of the Bear Lodge REE Project. We also note that your board concluded that the rights offering was the appropriate alternative in the circumstances for a number of reasons, including that it provides an opportunity to your shareholders to participate on a pro rata basis. Please expand your discussion of the reasons for the rights offering, including any additional reasons, and discuss the alternatives considered.

Material United States Income Tax Consequences, page 37

7. We note that you believe the receipt of subscription rights by a U.S. Holder should not be treated as a "disproportionate distribution" under Section 305(b) of the Internal Revenue Code, however, there can be no assurance that such treatment will not be challenged by IRS. We also note your disclosure on page 16 that a U.S. holder of common shares likely will not recognize income, gain, or loss for United States federal income tax purposes in connection with the receipt or exercise of subscription rights in the rights offering. Please

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obtain and file a tax opinion pursuant to Item 601(b) of Regulation S-K and Section III of SLB 19, or tell us why you believe such opinion is not required to be filed.

General

8. We note disclosure of a prior rights offering completed in December 2021. Please clarify whether the prior offering of subscription rights was registered, and disclose the relationship, if any, between the prior rights offering and the present rights offering.

We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Refer to Rules 460 and 461 regarding requests for acceleration. Please allow adequate time for us to review any amendment prior to the requested effective date of the registration statement.

Please contact Cheryl Brown at 202-551-3905 or Daniel Morris at 202-551-3314 with any questions.

Sincerely,

Division of Corporation Finance
Office of Energy & Transportation

cc: Brian Boonstra, Esq.