

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

December 11, 2023

Sebastian Lux Co-Chief Executive Officer and Chief Financial Officer American Battery Materials, Inc. 500 West Putnam Avenue, Suite 400 Greenwich, CT 06830

> Re: American Battery Materials, Inc. Form 10-K for Fiscal Year Ended December 31, 2022 File No. 001-41594

Dear Sebastian Lux:

We have completed our review of your filing. 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.

Sincerely,

Division of Corporation Finance Office of Energy & Transportation